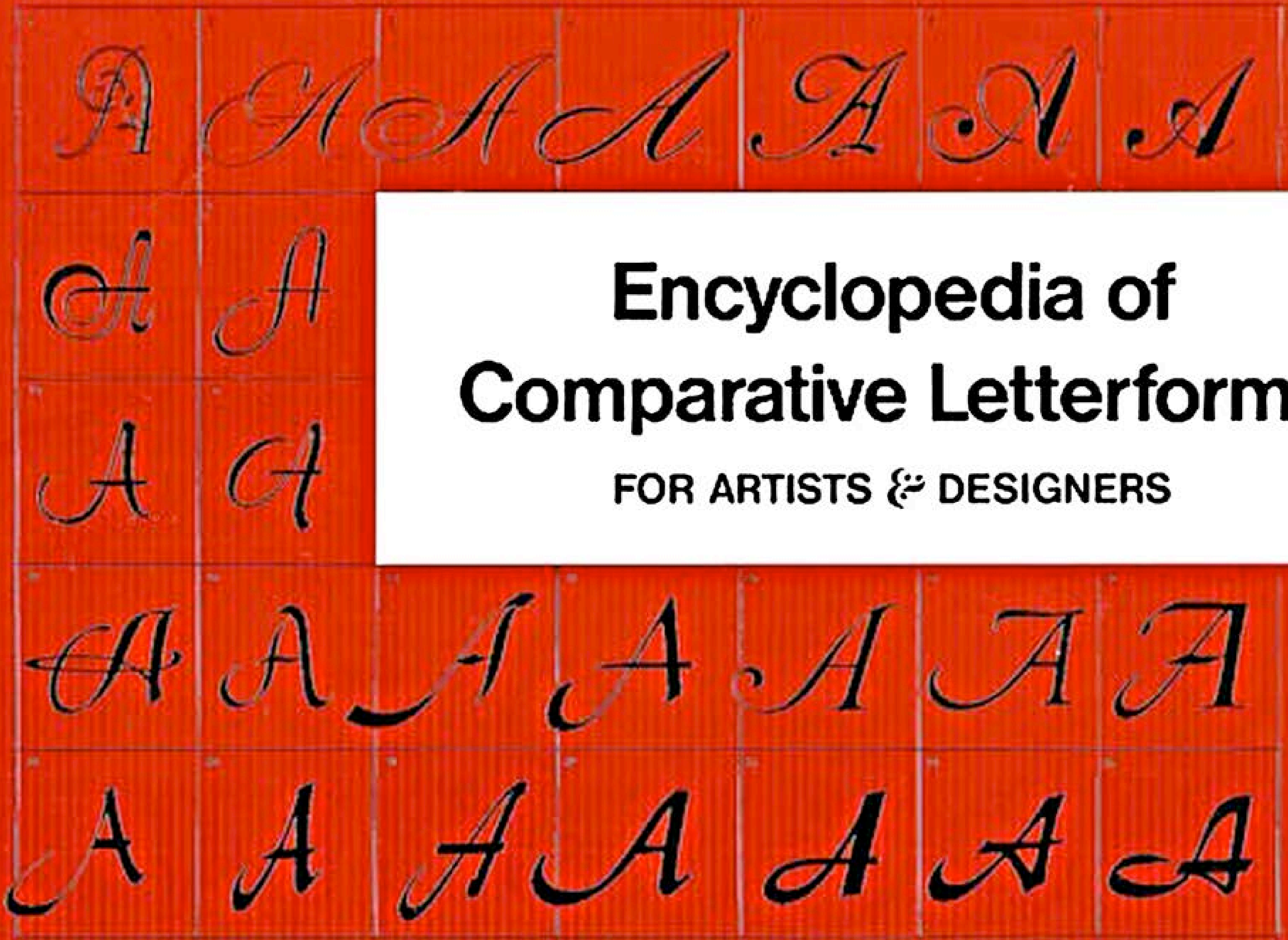


Encyclopedia of Comparative Letterforms

FOR ARTISTS & DESIGNERS

Norman S. Weinberger

Encyclopedia of Comparative Letterforms

FOR ARTISTS & DESIGNERS

Dedicated to
Trudy, Lauren, Jared
and the memory
of my mother Lillian

Encyclopedia of Comparative Letterforms

FOR ARTISTS & DESIGNERS

by

Norman S. Weinberger

ART DIRECTION BOOK CO., NEW YORK, N.Y.

Copyright Art Direction Book Co., 1971.
19 West 44th Street, New York, N.Y. 10036
All rights reserved.

This book, or parts thereof, may not be reproduced
in any form without permission of the publishers.

Printed in the United States of America.
Library of Congress Catalog Card Number 79-158572.

The photo-lettering designs shown in this directory are selected from the library of Photo-Lettering Inc., New York, as noted in the index. Photo or mechanical reproduction of these styles without the owner's permission is strictly forbidden and will be regarded as a copyright violation.

FOREWORD

During the past thirty years as designer and art director, I have often desperately longed for a comprehensive volume of comparative letterforms that was easy to use. I felt the need not for another type-book, but for a volume that would suggest the masculine, feminine or neuter qualities of any letter, whether the style I sought was serif or sans-serif, italic or roman, simple or decorative.

Several years ago, it occurred to me that the best way to get the book I wanted was to compile it myself. I hope you find that this book saves you valuable research time and is a constant source of inspiration.

VORWORT

In meiner dreissigjährigen Tätigkeit als Zeichner und Kunstdirektor habe ich mich oft entschieden nach einem umfassenden und leicht zu verwendenden Werk über vergleichbare Buchstabenformen gesehnt. Ich fühlte das Bedürfnis, nicht nach einem weiteren Schrifttypenbuch, sondern nach einem Werk das die männlichen, weiblichen und sächlichen Eigenschaften jeder einzelnen Letter andeuten würde, ob es sich im von mir gesuchten Stile um einen Serifen oder endstrichlosen, einen kursiven oder aufrechten, einen einfachen oder verzierten Stil handelte.

Vor einigen Jahren kam mir der Gedanke, dass der einzig praktische Weg um ein derartiges Buch zu finden wohl der sei, es selbst zu kompilieren. Ich hoffe, dass dieses Buch Ihnen kostbare Nachschlagearbeit ersparen und eine Quelle ständiger Inspiration sein wird.

PREFACE

Pendant trente ans, comme dessinateur et directeur artistique, j'ai souvent et désespérément souhaité avoir un volume compréhensif de formes de lettres comparatives, qui serait facile à consulter. J'éprouvais le besoin non d'un autre livre de caractères quelconque, mais d'un volume qui suggérerait les qualités masculines, féminines ou neutres de n'importe quelle lettre, que le style que je cherchais fût à empattements (serif) ou à caractères antiques (sans serif), italiques ou romaines, simples ou ornées.

Il y a quelques années, l'idée m'est venue que la meilleure manière d'obtenir le livre que je désirais, serait de le compiler moi-même. J'espère que ce livre vous économisera un temps précieux de recherches et sera une source constante d'inspiration.

FORMAT

This Encyclopaedia includes a vast variety of letterforms chosen to best aid the artist. All major categories of letterforms are displayed and the various styles for *each individual letter* are grouped together. For example: The letter "A" is shown in 280 different styles on eight pages in numbered grid boxes. Immediately thereafter is a double spread of all the "A's" for easy review. This format is followed for each successive letter (and numeral) of the alphabet. Please note that for reasons of aesthetics and copyright, the height of some characters has been varied slightly.

An index, also grid, in the back locates names and styles. Metal types cite their foundry and are available from your typographer. For photo styles, contact Photo-Lettering, Inc., 216 East 45th Street, New York, N.Y.

Corresponding lower case one line alphabets are shown separately.

FORMAT

Diese Enzyklopädie enthält eine grosse Verschiedenheit an Buchstabenformen, die so gewählt wurdendamit dem Künstler am besten geholfen werde. Alle besondere Kategorien von Buchstabenformen werden gezeigt und die unterschiedlichen Typen *jeder einzelnen Letter* sind zusammengruppiert. Zum Beispiel: Der Buchstabe "A" wird in 280 verschiedenen Stilen auf acht Seiten in numerierten Quadraten dargestellt. Unmittelbar dahinter kommt eine Verbreitung von allen "A's" zur bequemen Uebersicht. Dieses Format wird für jeden nächsten Buchstaben bezw.Jede nächste Zahl des Alphabets angewendet. Bitte notieren Sie, dass aus ästhetischen und Copyright Gründen die Höhe einiger Typen leicht geändert worden ist.

Ein Index, auch in Gitterform, hinten im Buch, verzeichnet die Namen und Stile. Metalltypen geben ihre Giessereien an und können von Ihrem Typographen bezogen werden. Für Photostile wollen Sie sich bitte an Photo-Lettering, Inc., 216 East 45th Street, New York, N.Y. wenden.

EntsprechendeMinuskeln-Alphabete in einer Linie werden in einem getrennten Teil aufgeführt.

FORMAT

La présente encyclopédie comporte une grande variété de formes de lettres choisies dans le but de mieux aider l'artiste. Toutes les principales catégories de formes de lettres y sont exposées et les différents styles de *chaque lettre individuelle* sont groupés ensemble. Par exemple: La lettre "A" est montrée dans 280 styles différents sur 8 pages dans des cases de grille numérotées. Immédiatement après vient une composition double de tous les "A" permettant de les passer facilement en revue. Ce format est suivi pour chaque lettre (et nombre) successif de l'alphabet. Notez que pour des raisons d'esthétique et de copyright, la hauteur de quelques caractères a été légèrement modifiée.

Un index, également en grille, à la fin du livre, continent les noms et les styles. Les caractères métalliques mentionnent leur fonderie et peuvent être obtenus de votre typographe. Pour les styles photographiques adressez-vous à Photo-Lettering, Inc., 216 East 45th Street, New York, N.Y.

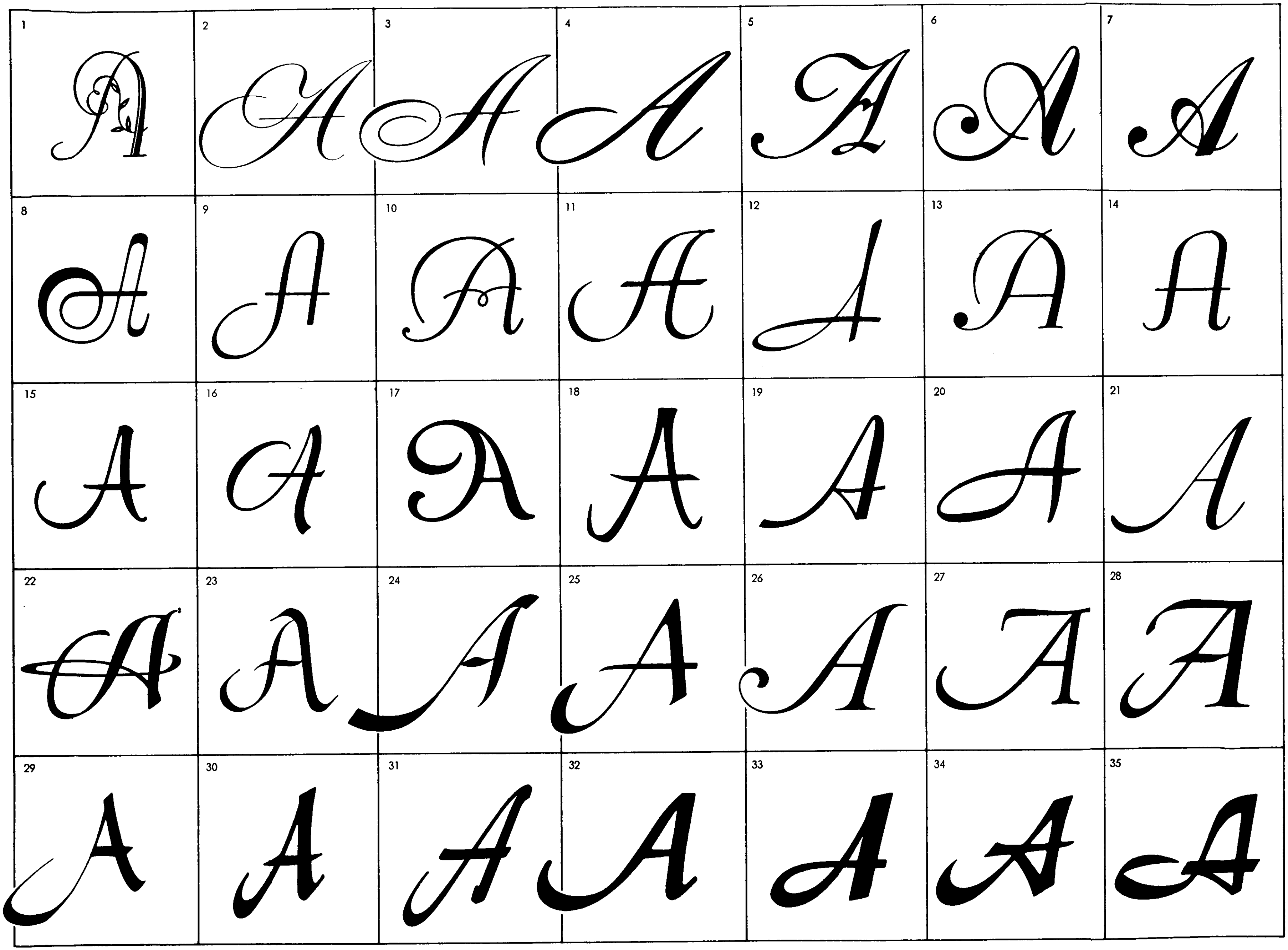
Les alphabets minuscules correspondants, sur une ligne, sont représentés dans une section séparée.

The author deeply thanks the following without whom this book could never have been compiled:

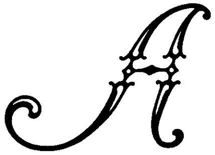
AMERICAN TYPE FOUNDERS, INC. • BALTIMORE TYPE AND COMPOSITION CO.
BAUER ALPHABETS, INC. • DEBERNY ET PEIGNOT, FOUNDERIES • DETROIT TYPE FOUNDRY • LOS ANGELES TYPE FOUNDERS, INC.
LUDLOW TYPOGRAPH CO. • LUDWIG AND MAYER • MACKELLAR, SMITH AND JORDAN
MONOTYPE CORP., LTD. • MOULDTYPE FOUNDRIES, LTD.
PHOTO-LETTERING, INC. • STEMPEL, D. AG. • STEPHENSON, BLAKE AND CO., LTD. • WEBER, C. E.

CAPITALS

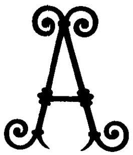
HIJKLMNOPQRSTUVWXYZABCDEFGHIJKLMNOPQRSTUVWXYZABCDEFGHIJKLMNOPQRSTUVWXYZABCDEFGHIJKLMNOPQRSTUVWXYZ


1
2
3
4
5
6
7
8
9
10
11
12
13
14
15
16
17
18
19
20
21
22
23
24
25
26
27
28
29
30
31
32
33
34
35

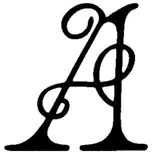
36



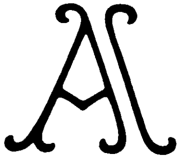
37



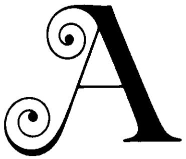
38



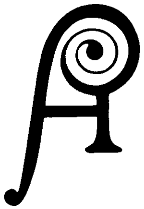
39



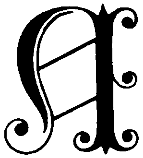
40



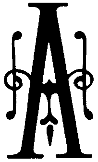
41



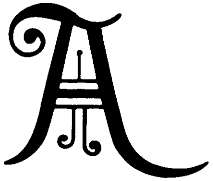
42



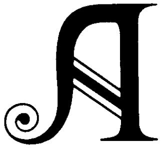
43



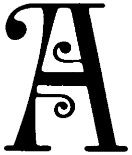
44



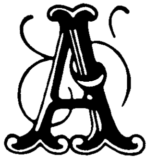
45



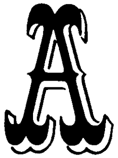
46



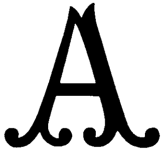
47



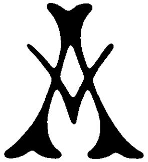
48



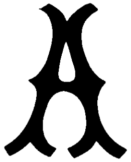
49



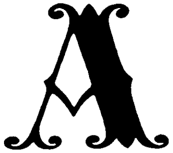
50



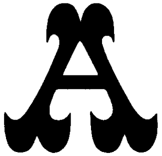
51



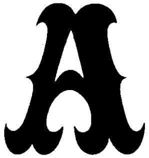
52



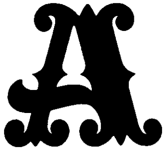
53



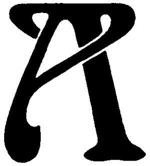
54



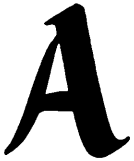
55



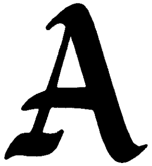
56



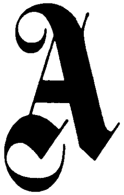
57



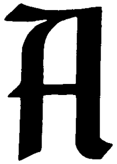
58



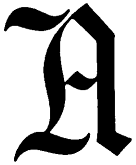
59



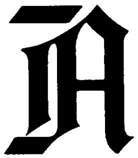
60



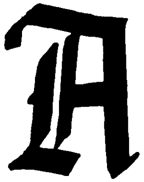
61



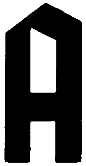
62



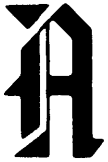
63



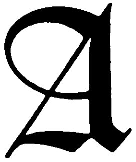
64



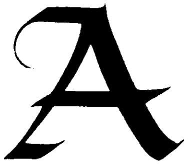
65



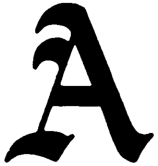
66



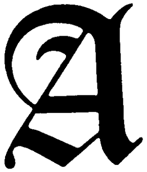
67



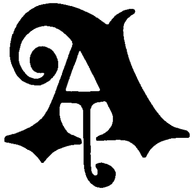
68



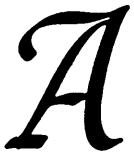
69



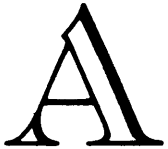
70



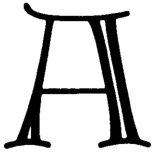
71



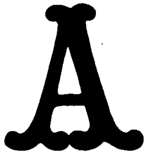
72



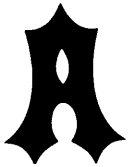
73



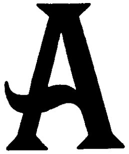
74



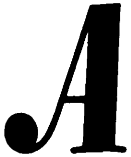
75



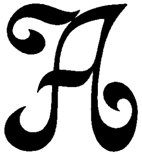
76



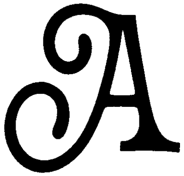
77



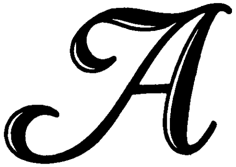
78



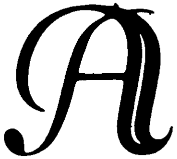
79



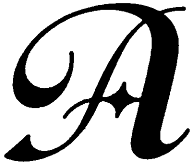
80



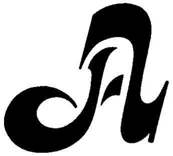
81



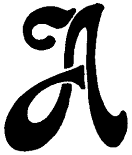
82



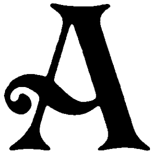
83



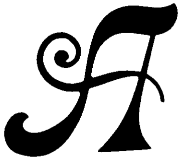
84



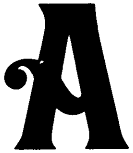
85



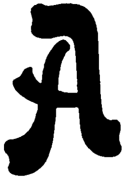
86



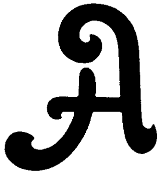
87



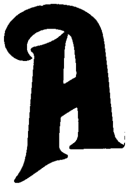
88



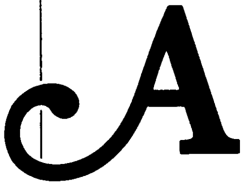
89



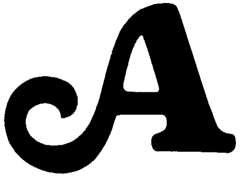
90



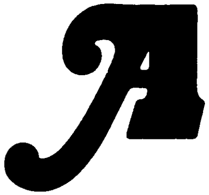
91



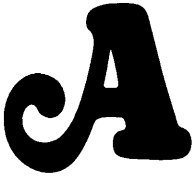
92



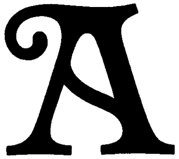
93



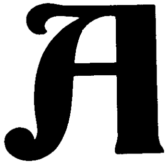
94



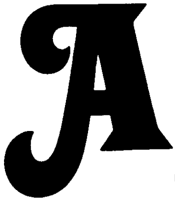
95



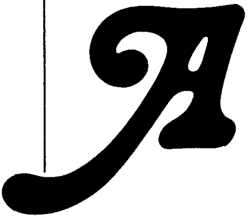
96



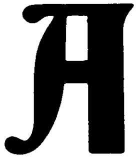
97



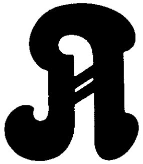
98



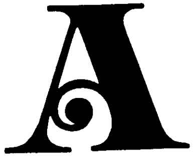
99



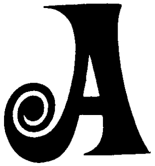
100



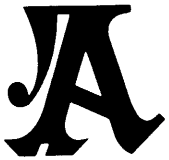
101



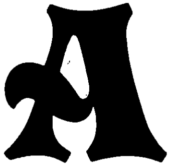
102



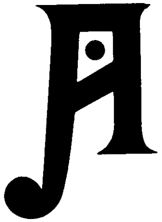
103



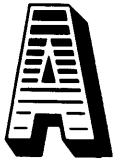
104



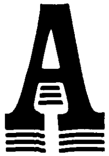
105



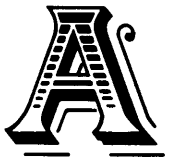
106



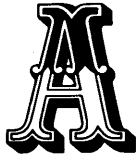
107



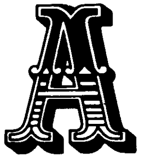
108



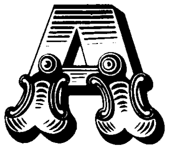
109



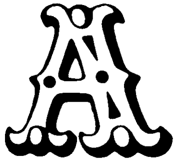
110



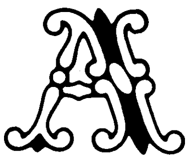
111



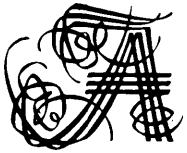
112



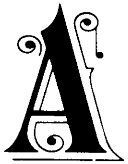
113



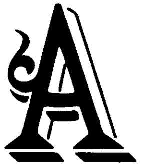
114



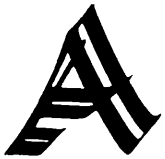
115



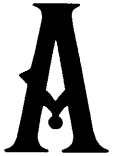
116



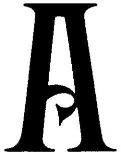
117



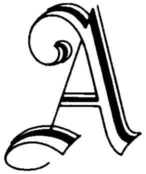
118



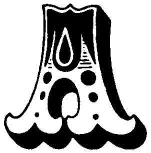
119



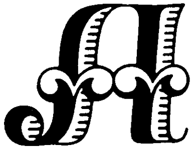
120



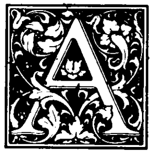
121



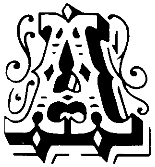
122



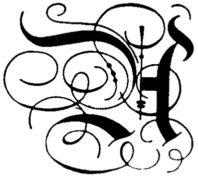
123



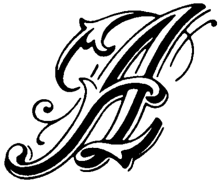
124



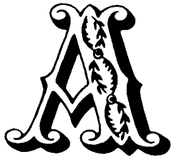
125



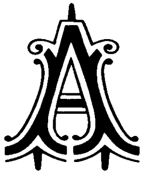
126



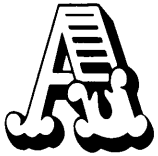
127



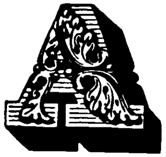
128



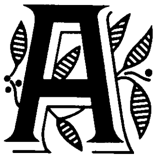
129



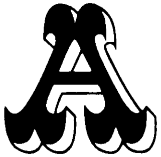
130



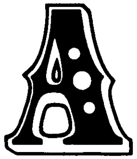
131



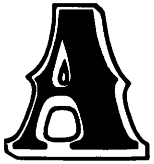
132



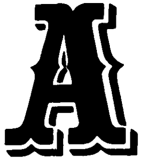
133



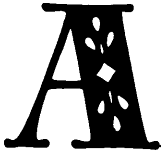
134



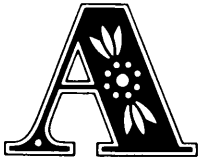
135



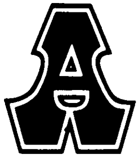
136



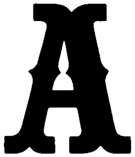
137



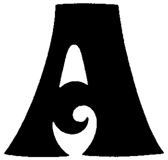
138



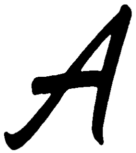
139



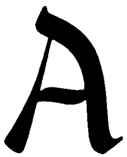
140



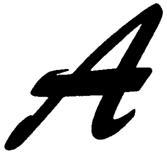
141



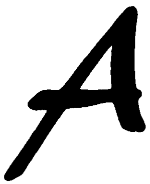
142



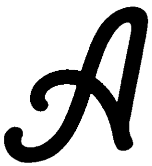
143



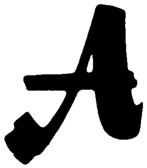
144



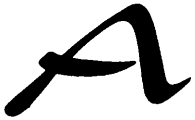
145



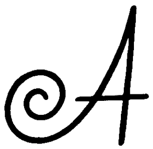
146



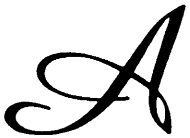
147



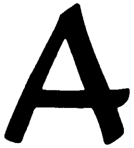
148



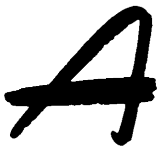
149



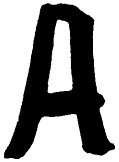
150



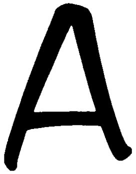
151



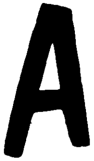
152



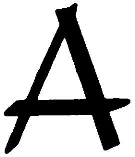
153



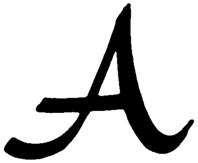
154



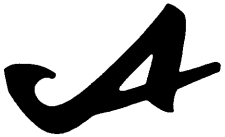
155



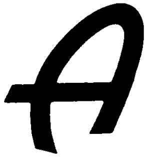
156



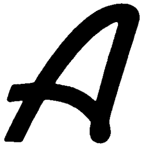
157



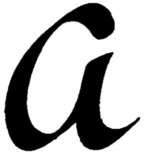
158



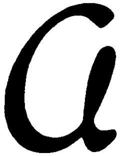
159



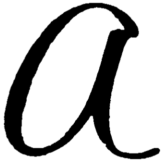
160



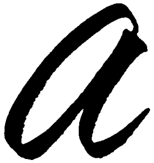
161



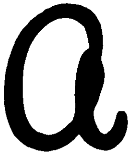
162



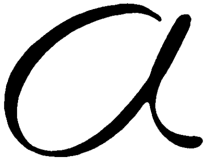
163



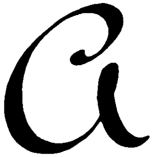
164



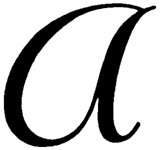
165



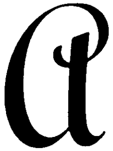
166



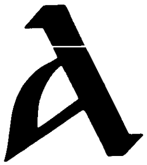
167



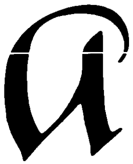
168



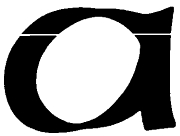
169



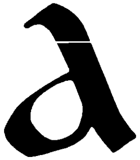
170



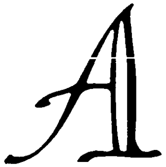
171



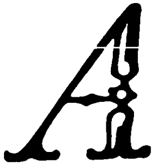
172



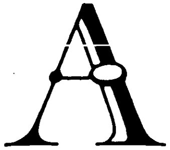
173



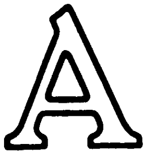
174



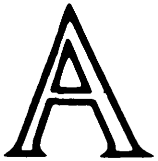
175



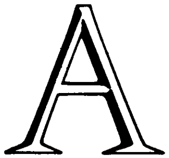
176



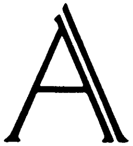
177



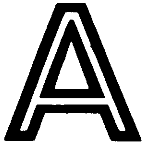
178



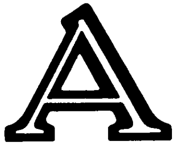
179



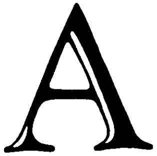
180



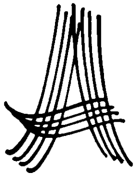
181



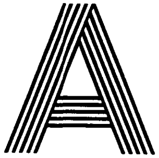
182



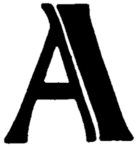
183



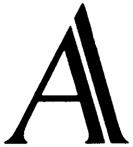
184



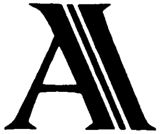
185



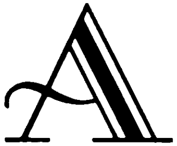
186



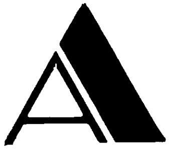
187



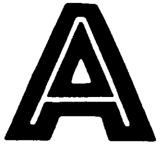
188



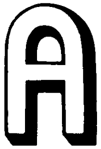
189



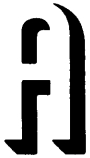
190



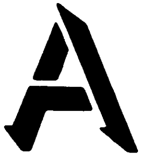
191



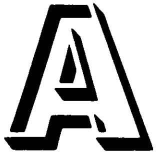
192



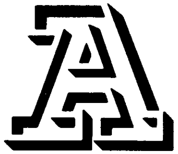
193



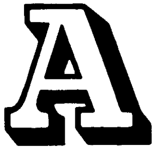
194



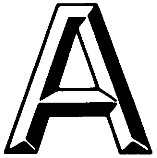
195



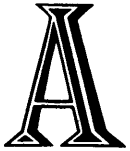
196



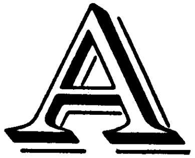
197



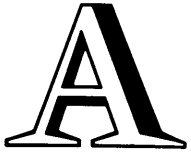
198



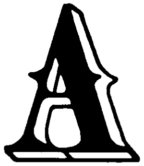
199



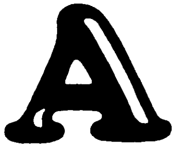
200



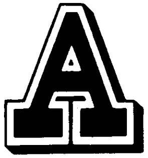
201



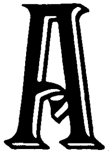
202



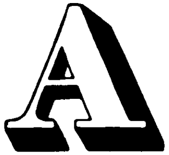
203



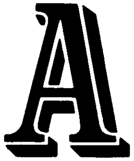
204



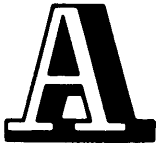
205



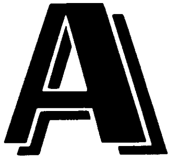
206



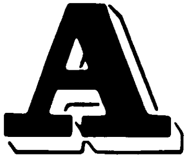
207



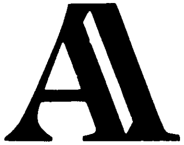
208

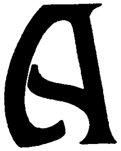


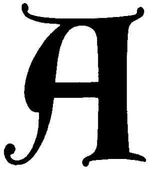
209

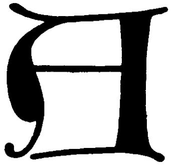


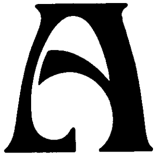
210

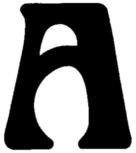


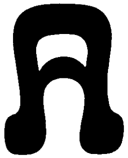
211


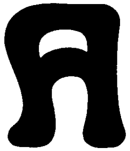
212


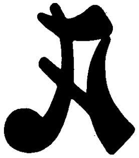
213


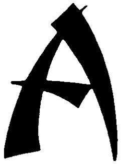
214


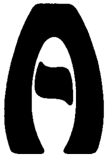
215


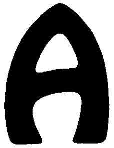
216


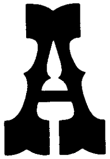
217


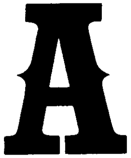
218


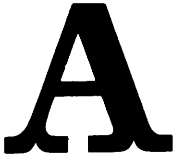
219


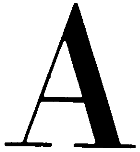
220


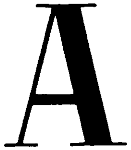
221


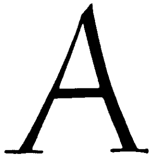
222


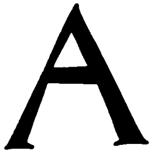
223


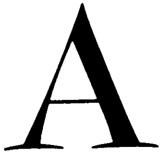
224


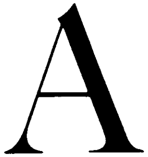
225


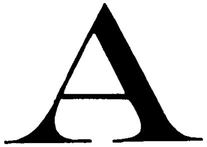
226


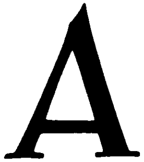
227


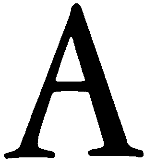
228


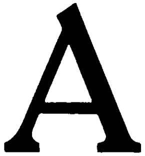
229


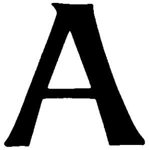
230


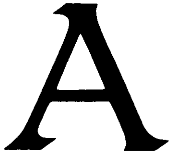
231


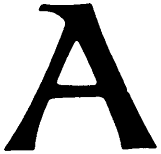
232


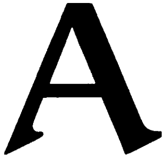
233


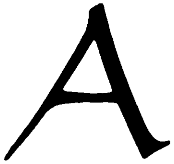
234


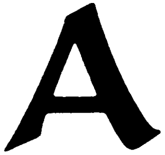
235


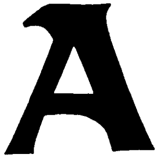
236


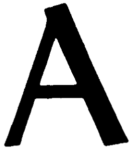
237


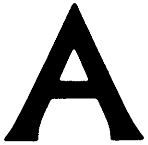
238


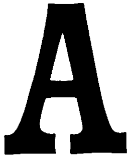
239


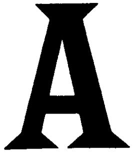
240


241


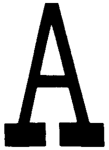
242


243


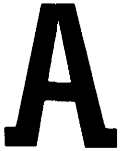
244


245


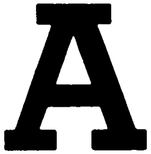
246



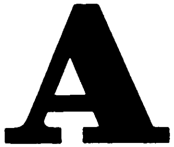
247



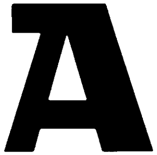
248



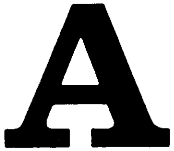
249



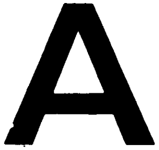
250



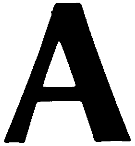
251



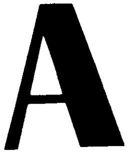
252



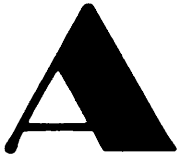
253



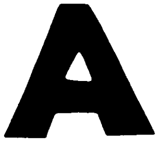
254



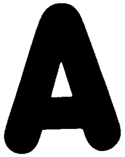
255



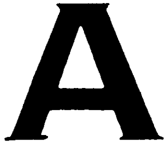
256



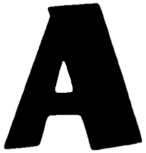
257



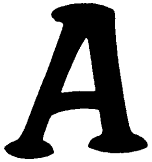
258



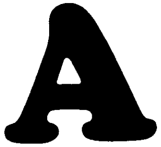
259



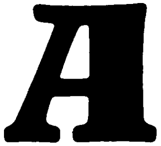
260



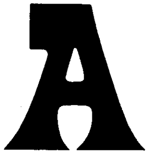
261



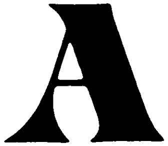
262



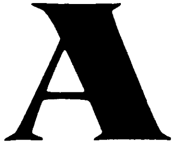
263



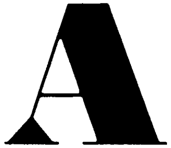
264



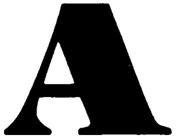
265



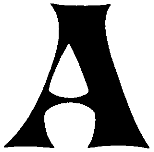
266



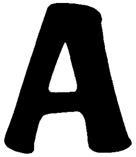
267



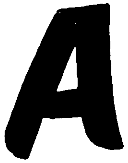
268



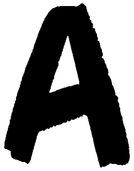
269



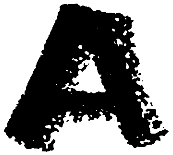
270



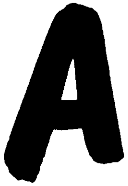
271



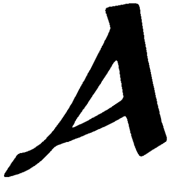
272



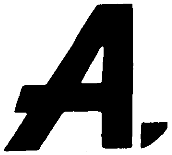
273



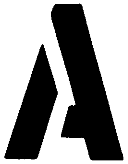
274



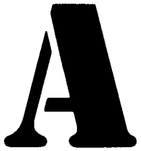
275



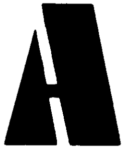
276



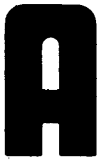
277



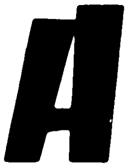
278

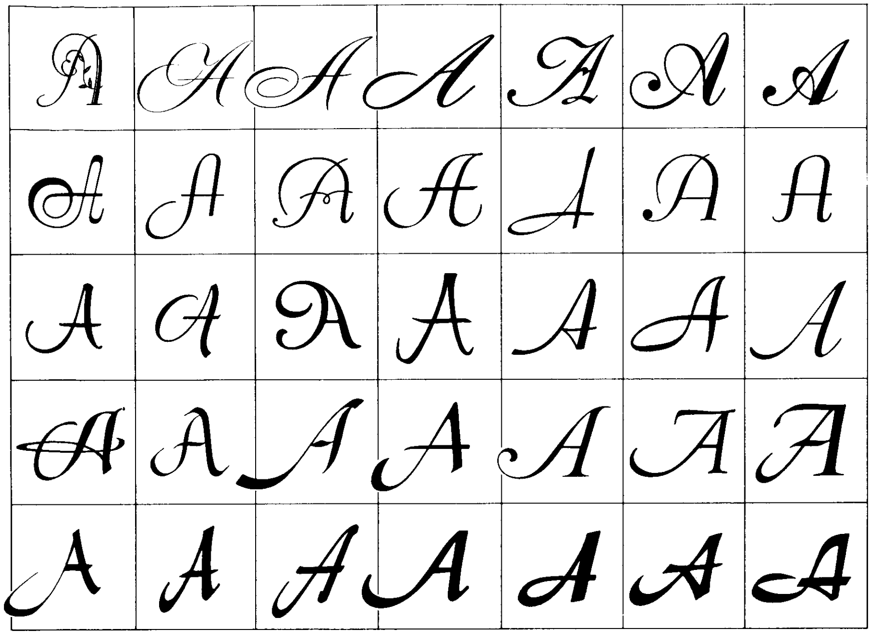


279

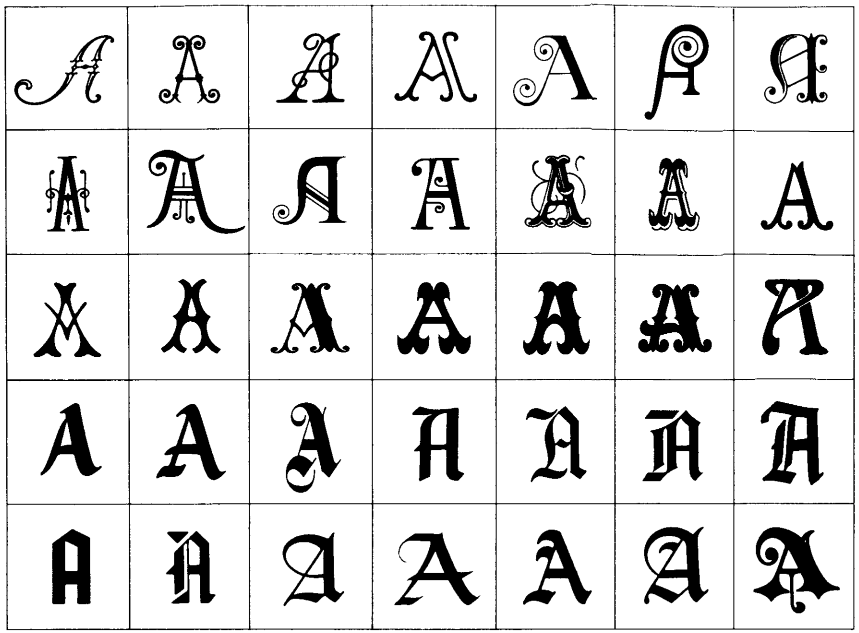


280

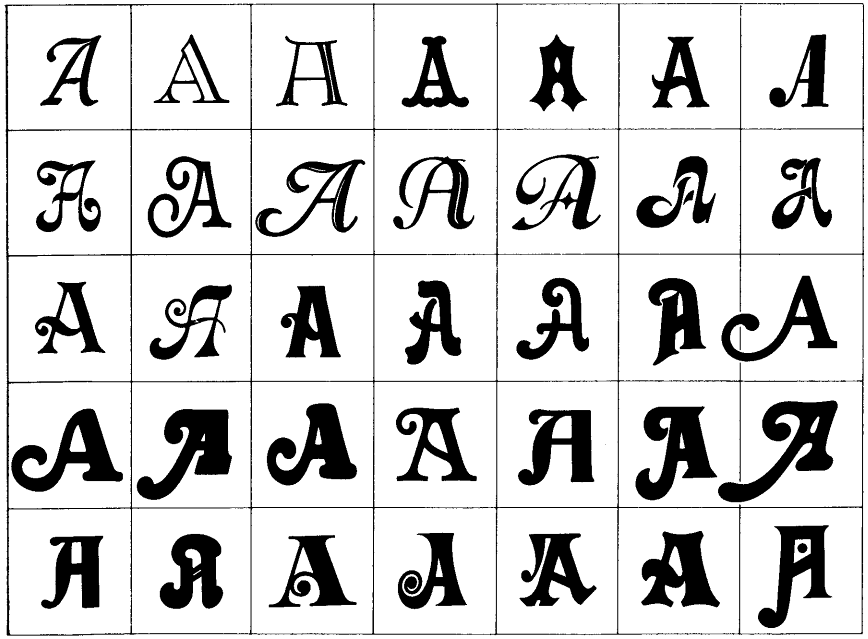




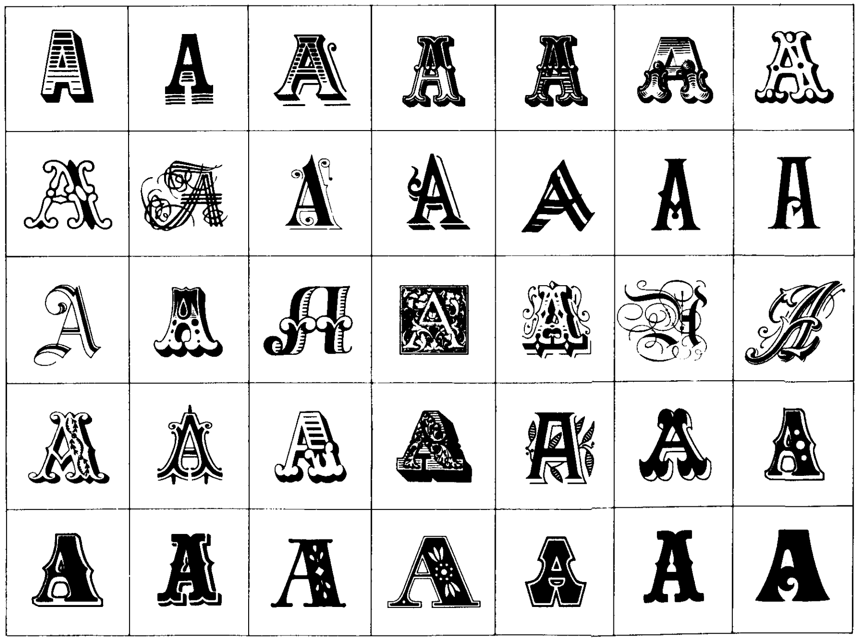
2



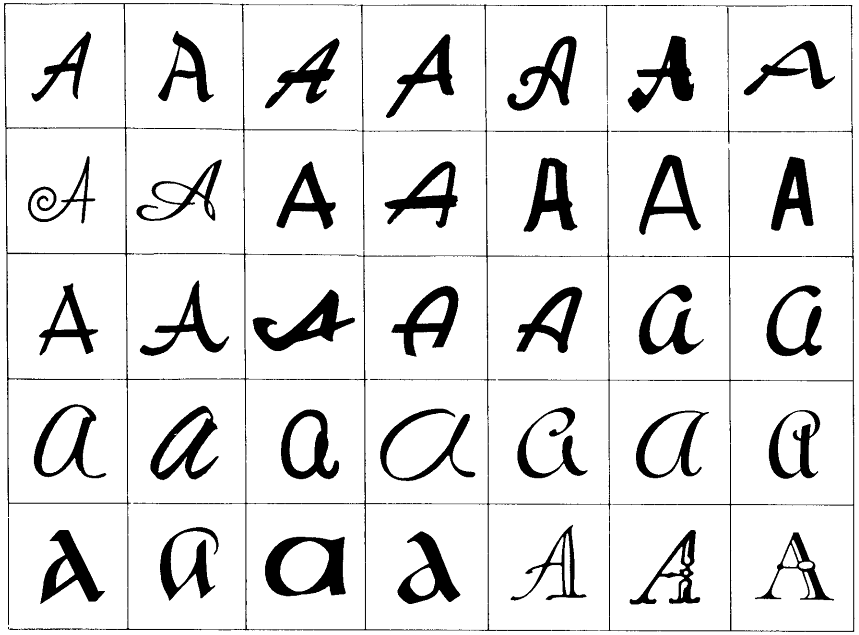
3



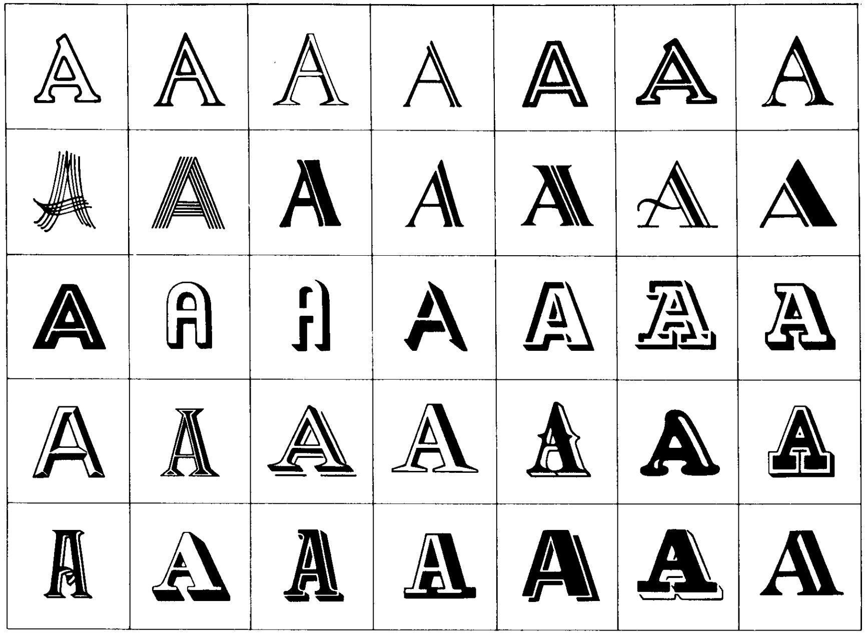
4



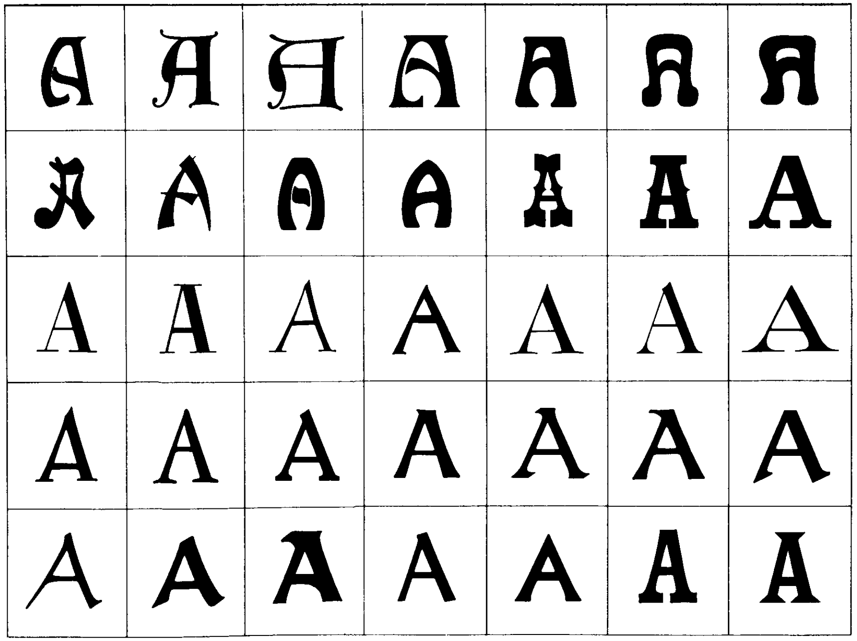
5



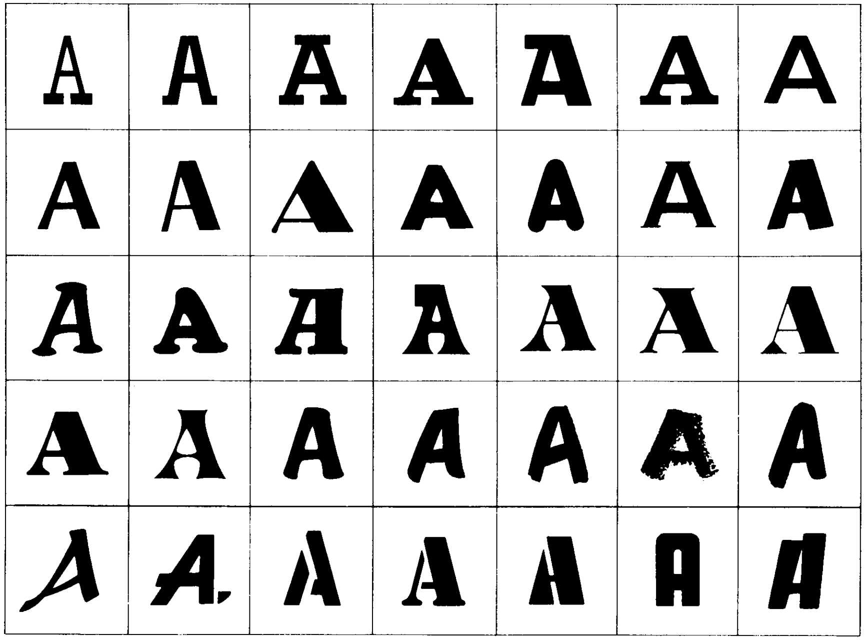
6



7

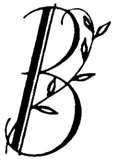


8

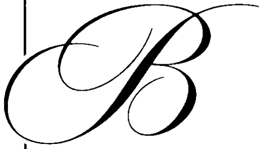


9

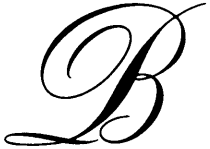
1



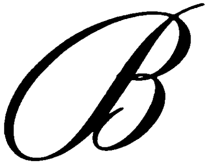
2



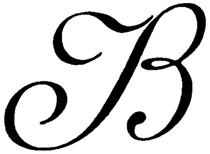
3



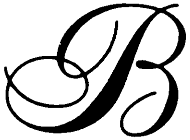
4



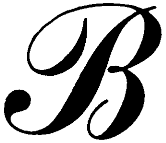
5



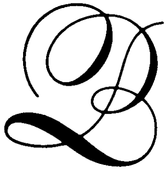
6



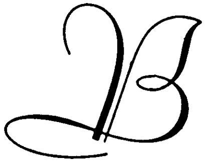
7



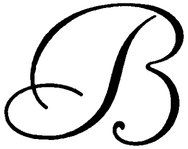
8



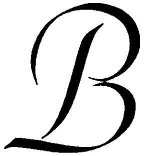
9



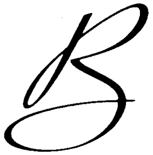
10



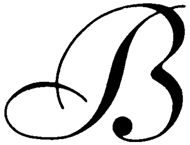
11



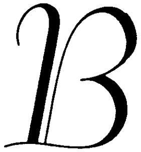
12



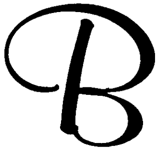
13



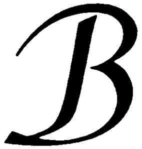
14



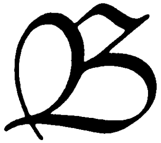
15



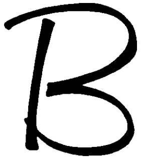
16



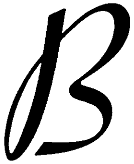
17



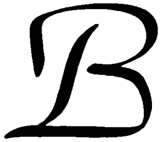
18



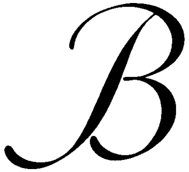
19



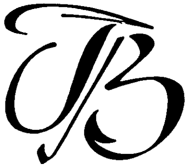
20



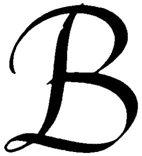
21



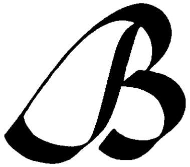
22



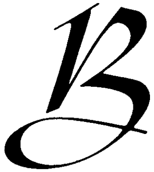
23



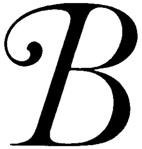
24



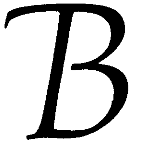
25



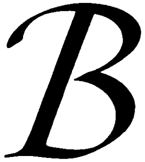
26



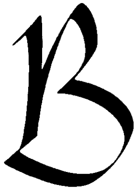
27



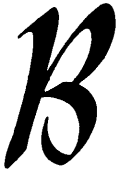
28



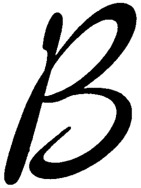
29



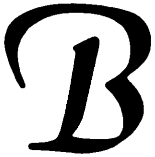
30



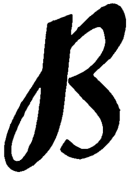
31



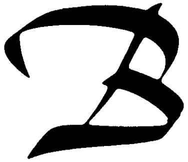
32



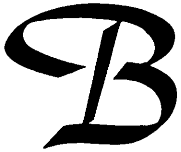
33



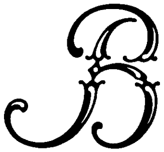
34



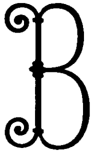
35



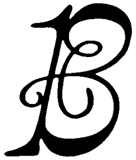
36



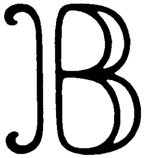
37



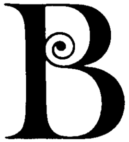
38



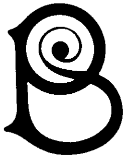
39



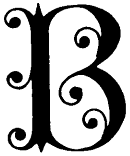
40



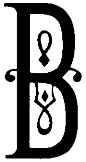
41



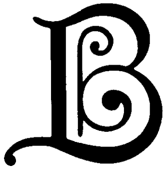
42



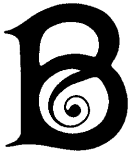
43



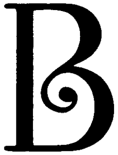
44



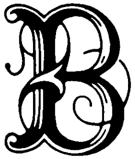
45



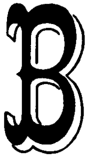
46



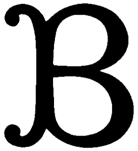
47



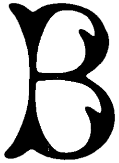
48



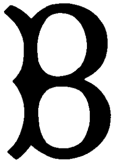
49



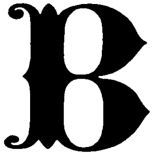
50



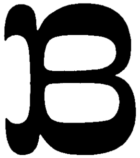
51



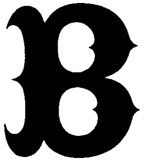
52



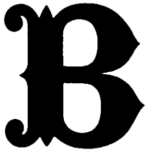
53



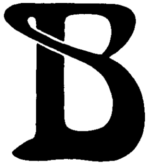
54



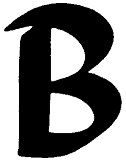
55



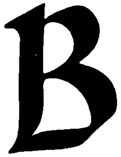
56



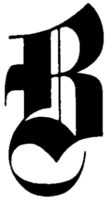
57



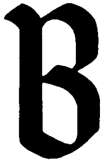
58



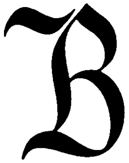
59



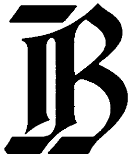
60



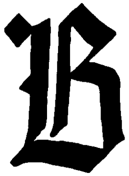
61



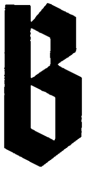
62



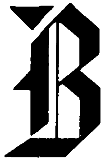
63



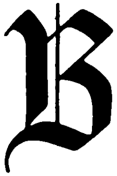
64



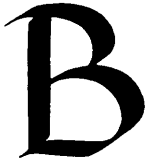
65



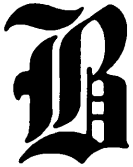
66



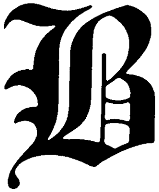
67



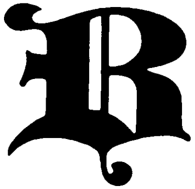
68



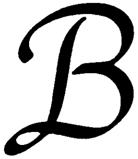
69



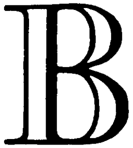
70



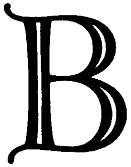
71



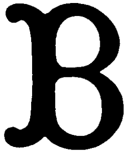
72



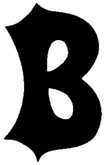
73



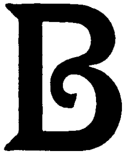
74



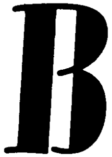
75



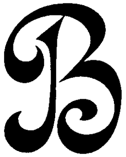
76



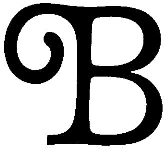
77



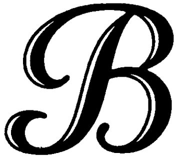
78



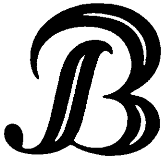
79



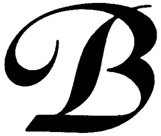
80



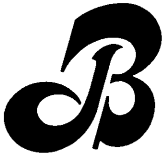
81



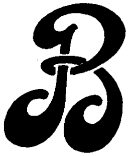
82



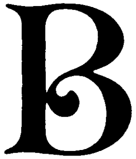
83



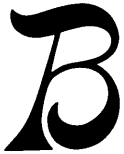
84



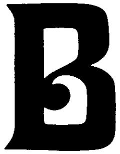
85



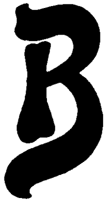
86



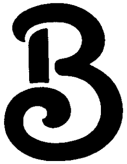
87



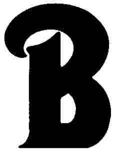
88



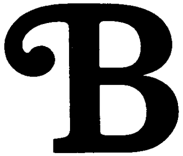
89



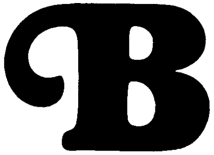
90



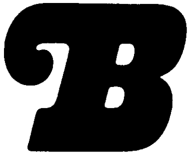
91



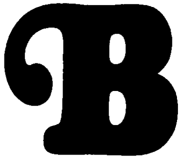
92



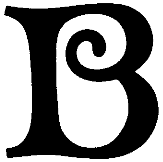
93



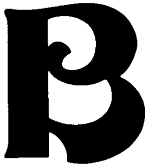
94



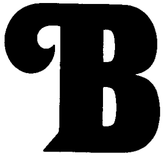
95



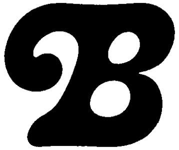
96



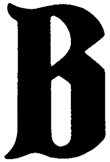
97



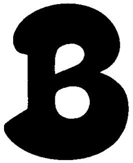
98



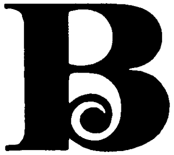
99



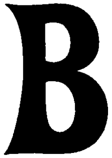
100



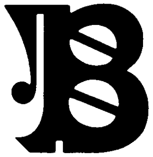
101



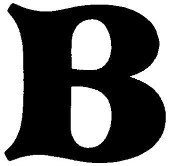
102



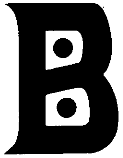
103



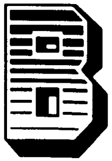
104



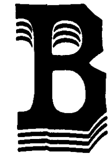
105



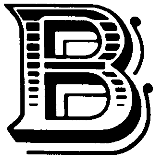
106



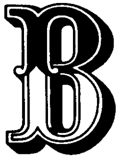
107



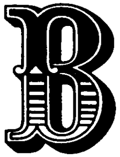
108



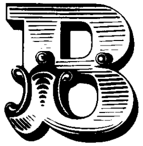
109



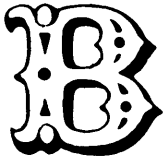
110



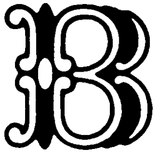
111



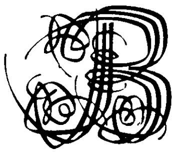
112



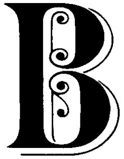
113



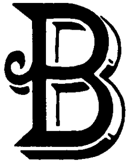
114



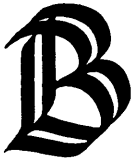
115



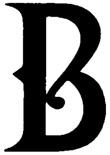
116



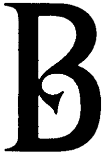
117



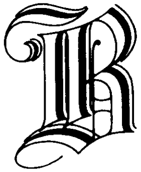
118



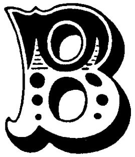
119



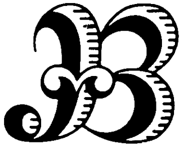
120



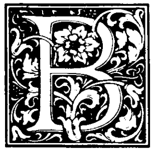
121



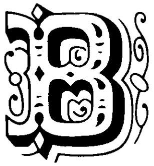
122



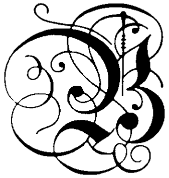
123



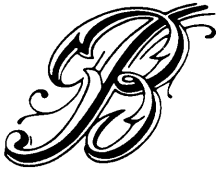
124



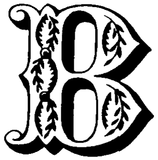
125



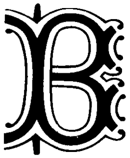
126



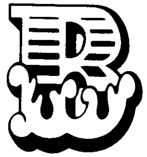
127



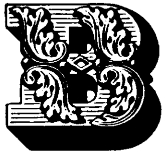
128



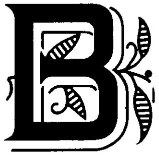
129



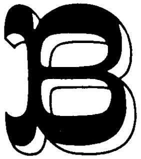
130



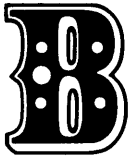
131



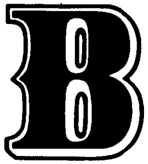
132



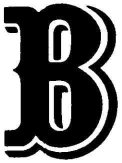
133



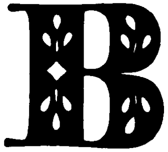
134



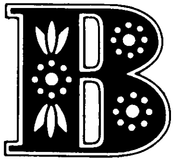
135



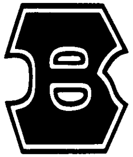
136



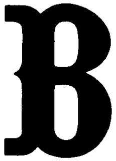
137



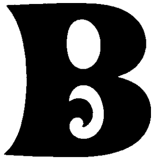
138

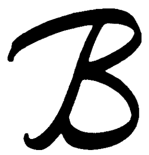
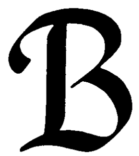
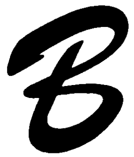
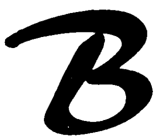
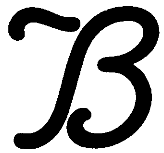
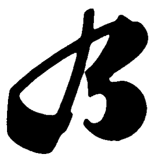
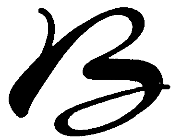
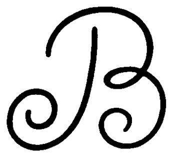
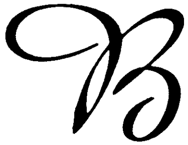
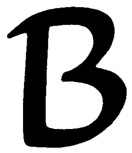
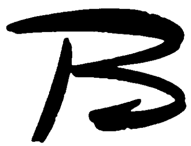
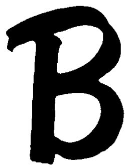
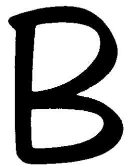
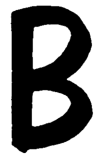
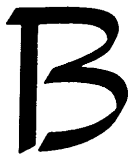
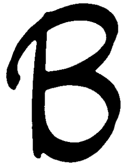
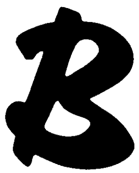
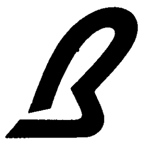
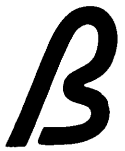
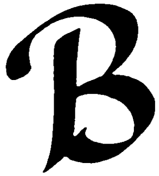
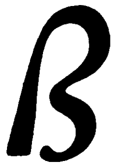
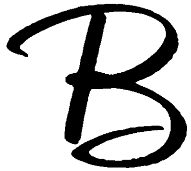
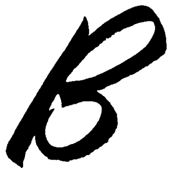
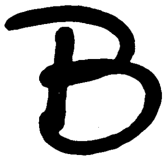
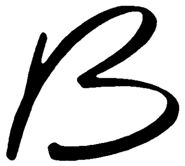
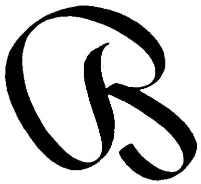
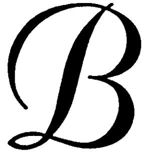
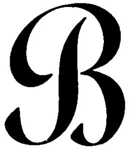
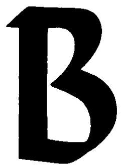
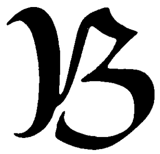
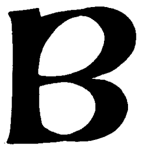
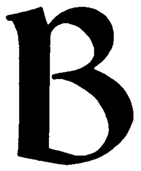
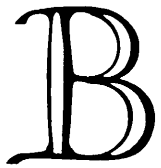
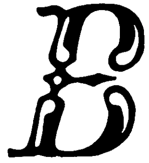
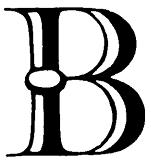


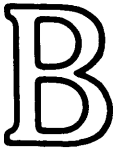
139

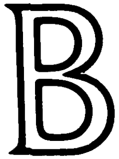


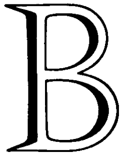
140

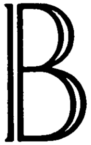


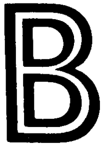
141

142

143

144

145

146

147

148

149

150

151

152

153

154

155

156

157

158

159

160

161

162

163

164

165

166

167

168

169

170

171

172

173

174

175


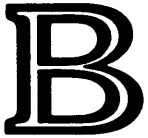
176


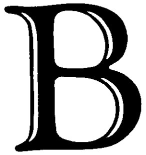
177


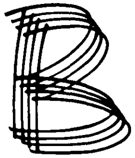
178


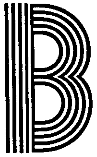
179


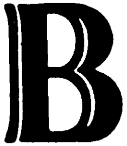
180


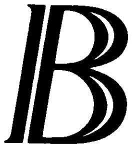
181


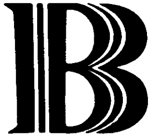
182


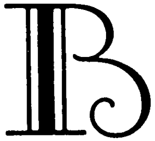
183


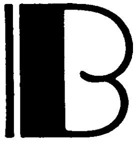
184


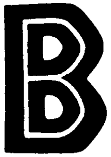
185


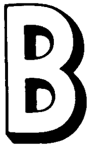
186


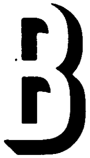
187


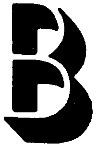
188


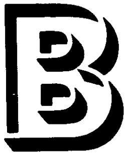
189


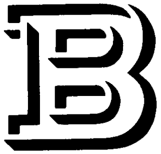
190


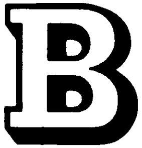
191


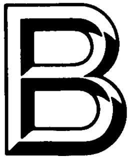
192


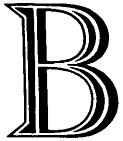
193


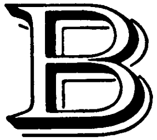
194


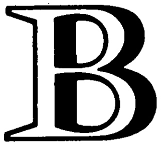
195


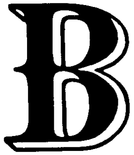
196


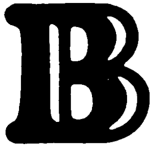
197


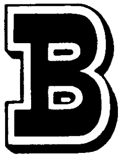
198


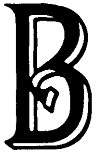
199


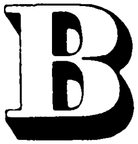
200


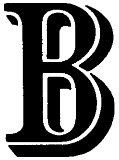
201


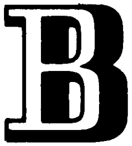
202


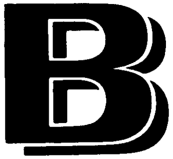
203


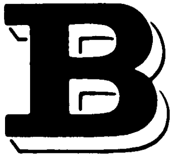
204


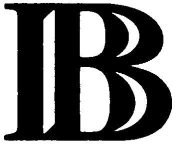
205


206


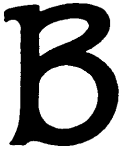
207


208


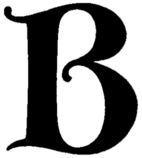
209


210


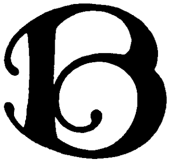
211



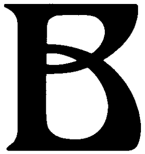
212



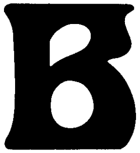
213



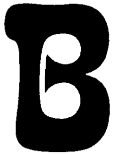
214



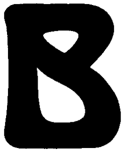
215



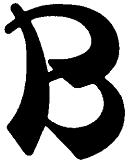
216



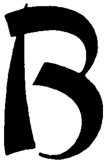
217



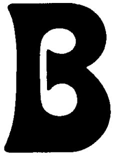
218



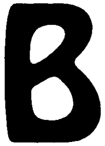
219



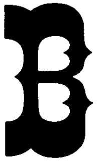
220



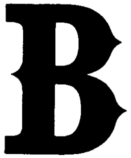
221



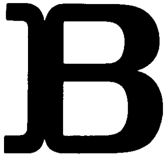
222



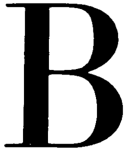
223



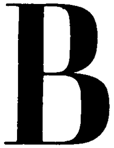
224



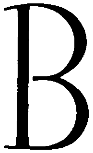
225



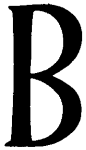
226



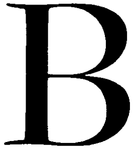
227



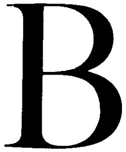
228



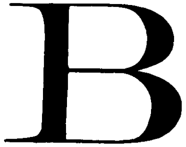
229



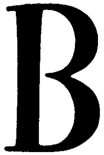
230



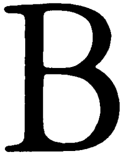
231



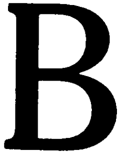
232



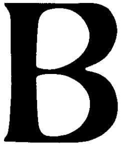
233



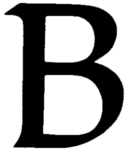
234



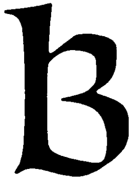
235



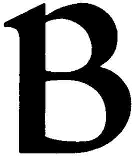
236



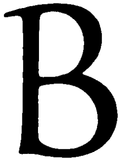
237



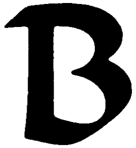
238



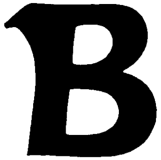
239



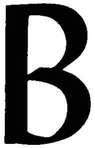
240



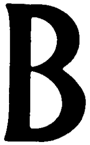
241



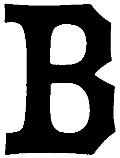
242



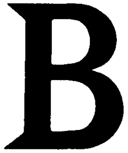
243

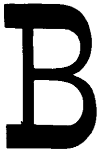
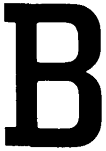
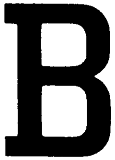
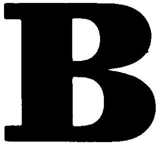
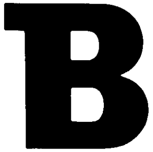
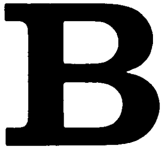
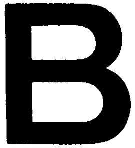
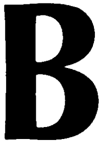
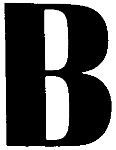
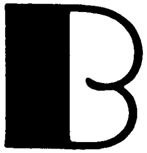
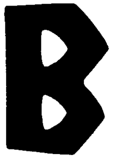
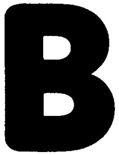
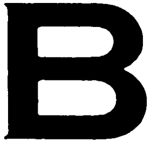
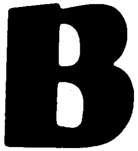
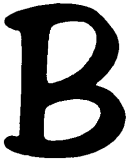
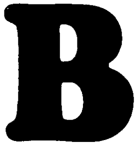
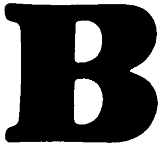
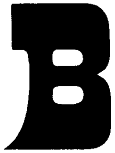
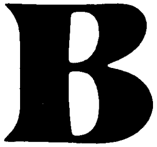
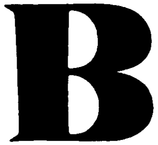
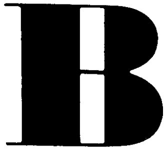
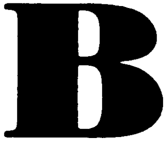
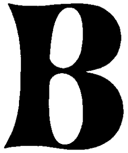
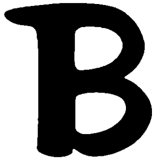
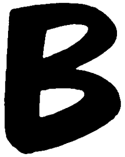
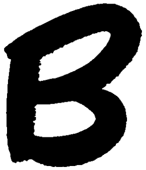
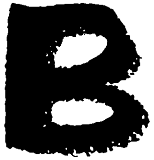
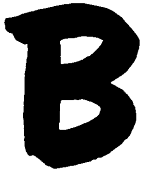
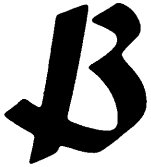
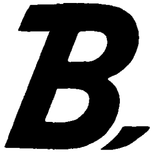
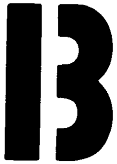
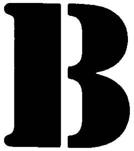
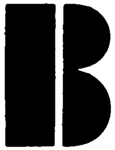
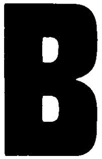
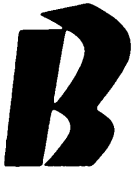


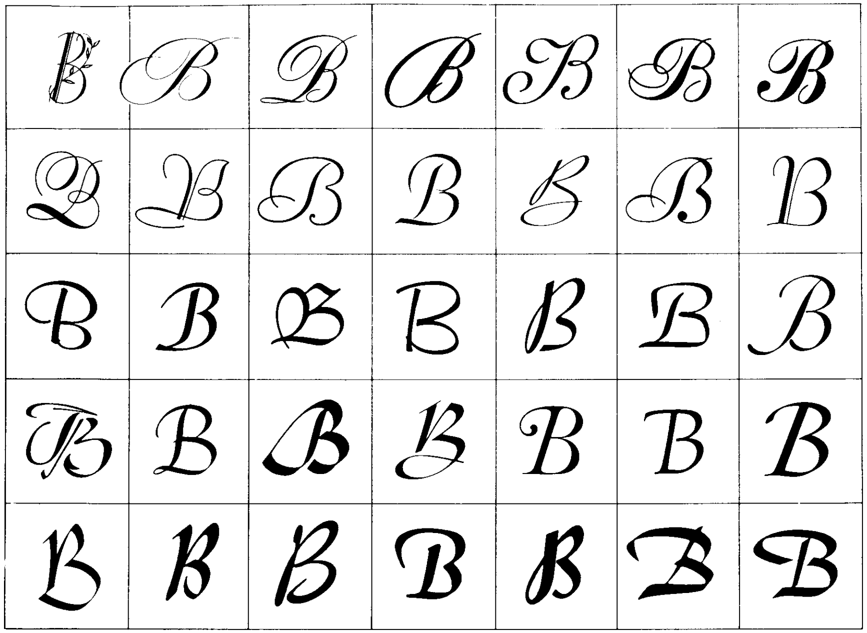
244



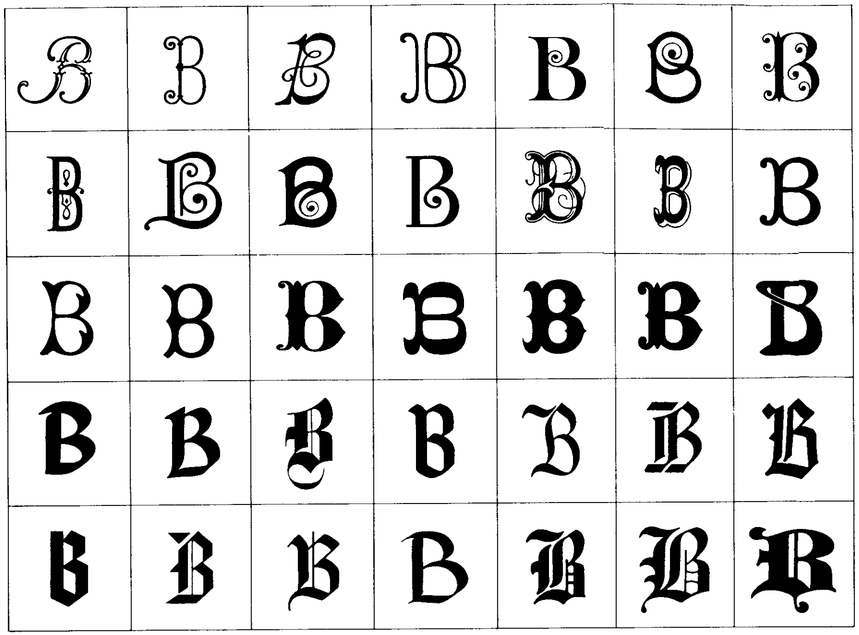
245



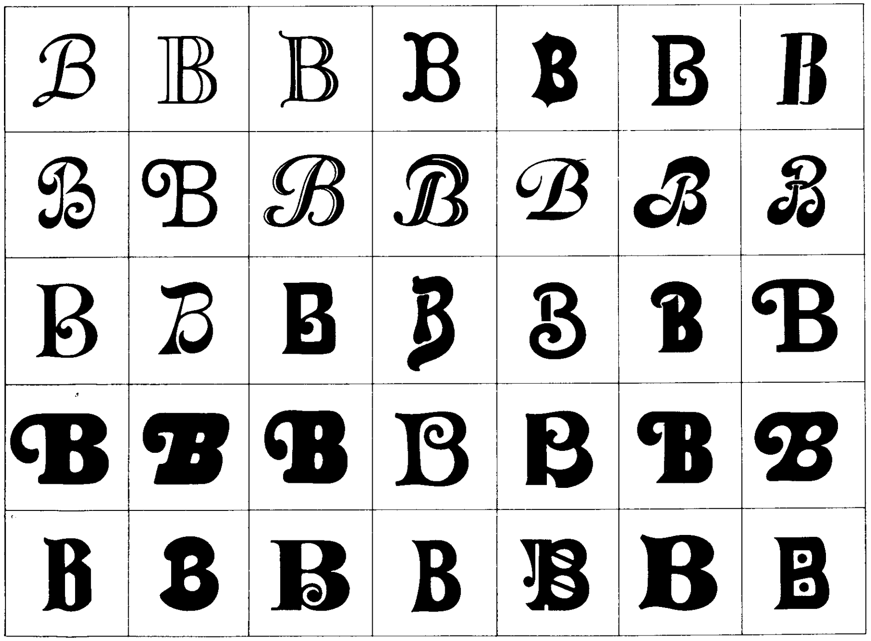
246

247

248

249

250

251

252

253

254

255

256

257

258

259

260

261

262

263

264

265

266

267

268

269

270

271

272

273

274

275

276

277

278

279

280




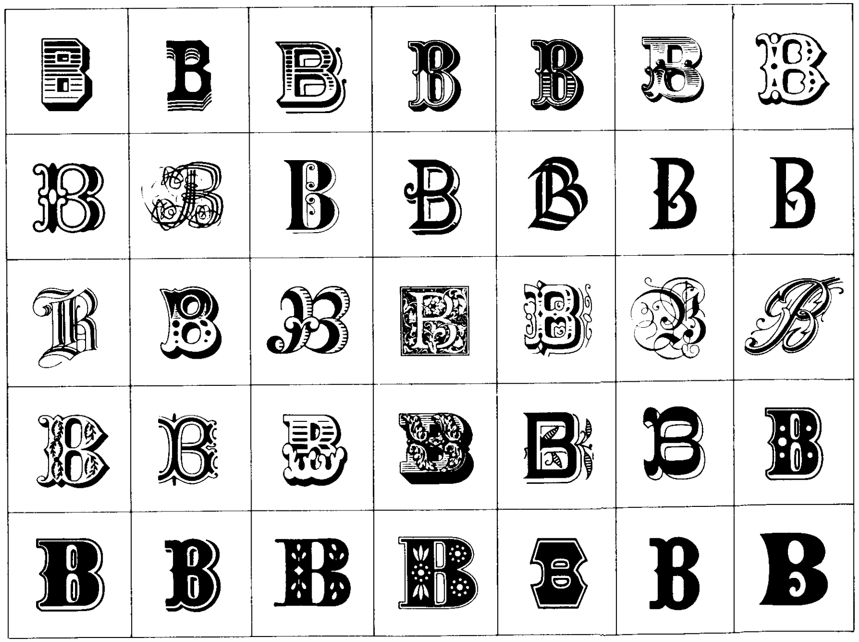
12



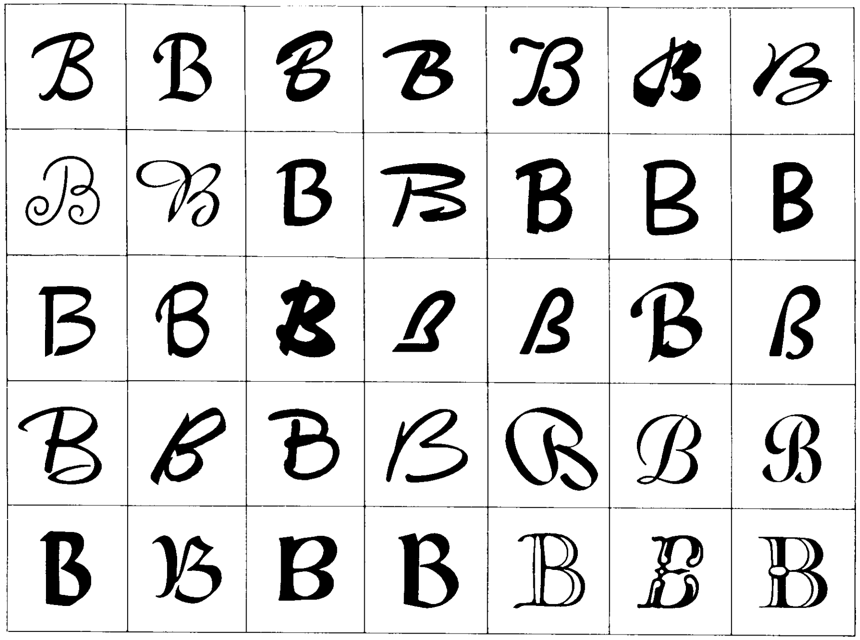
13



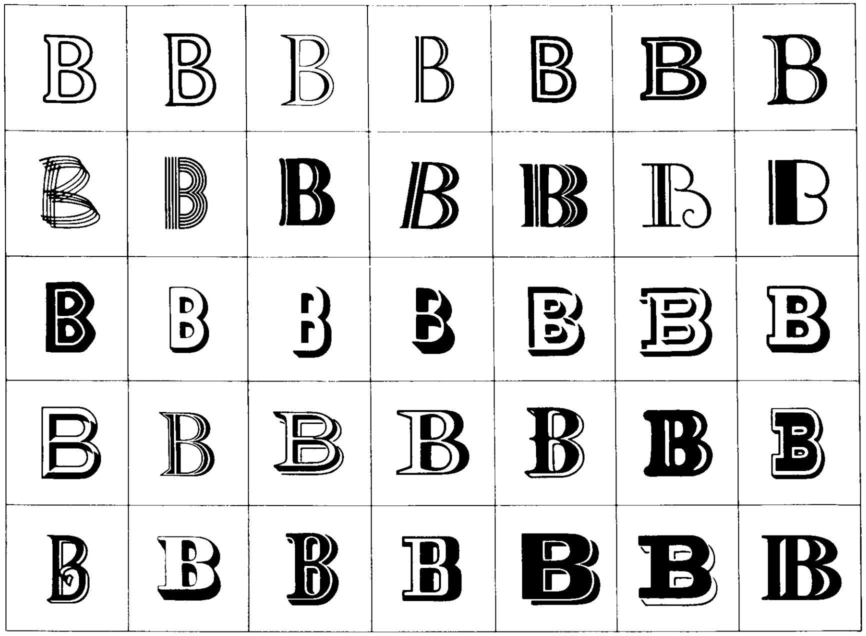
14



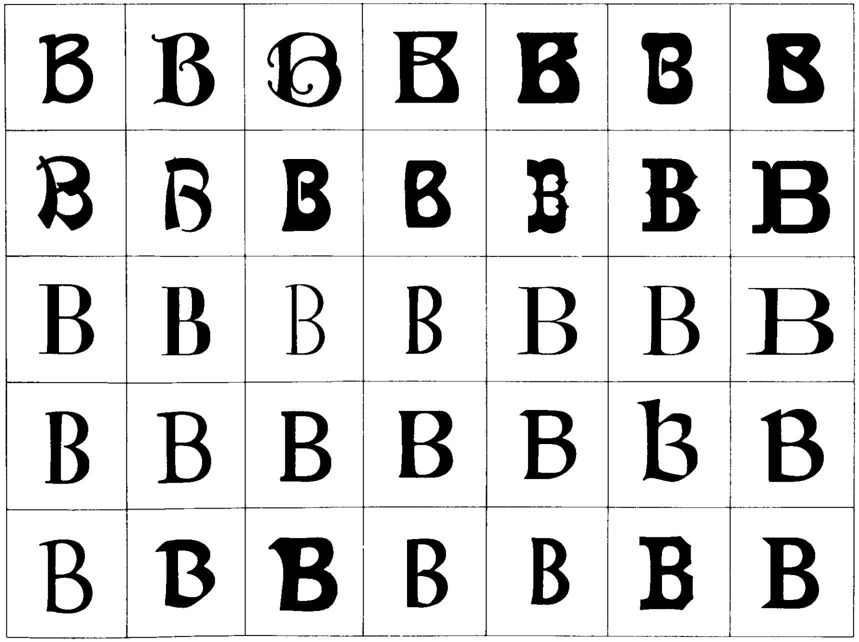
15



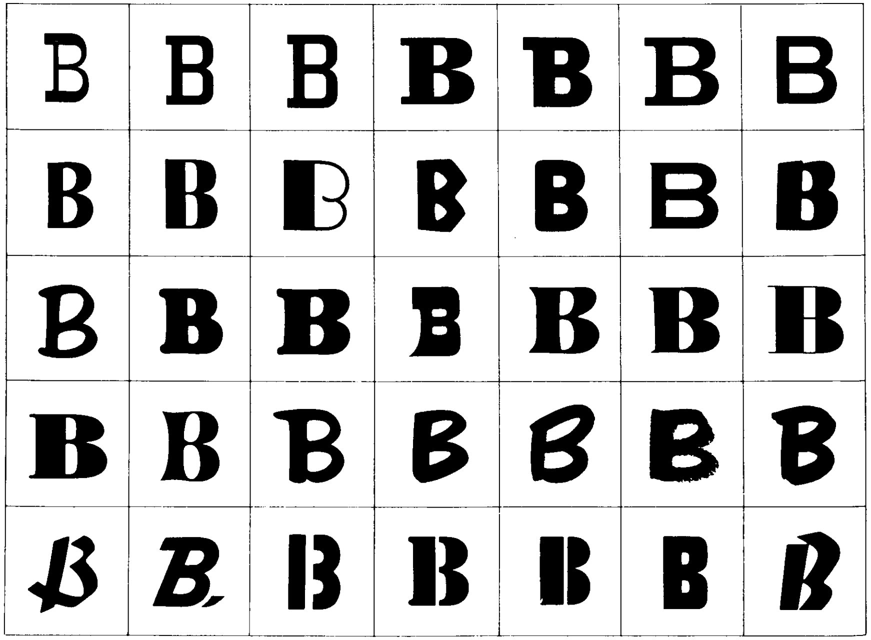
16



17

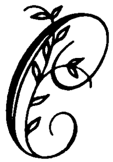


18

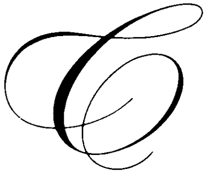


19

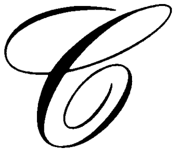
1



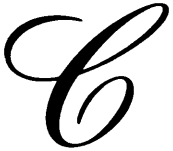
2



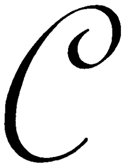
3



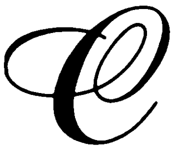
4



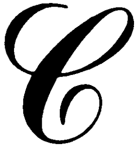
5



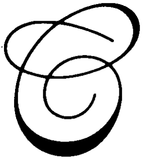
6



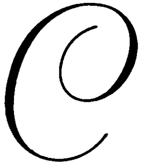
7



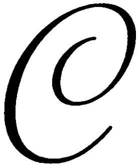
8



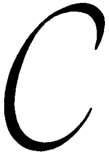
9



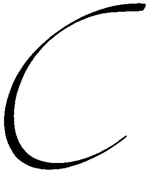
10



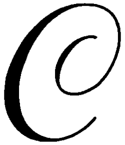
11



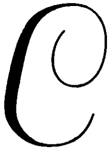
12



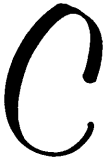
13



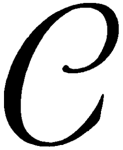
14



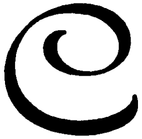
15



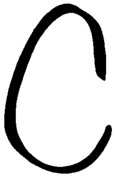
16



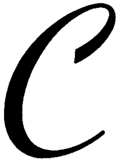
17



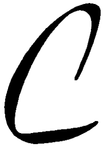
18



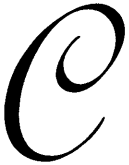
19



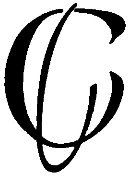
20



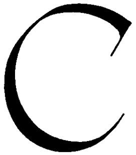
21



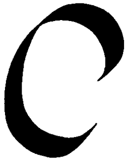
22



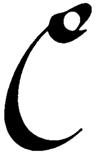
23



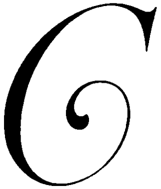
24



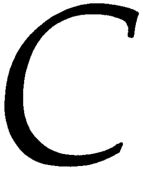
25



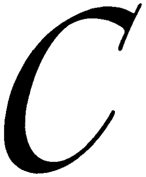
26



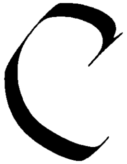
27



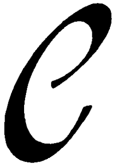
28



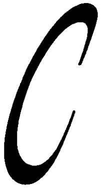
29



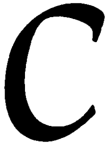
30



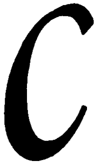
31



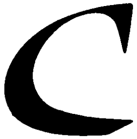
32



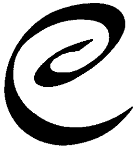
33



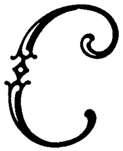
34



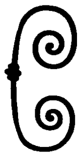
35



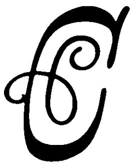
36



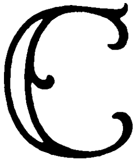
37



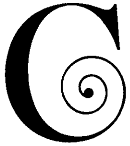
38



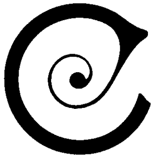
39



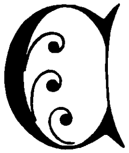
40



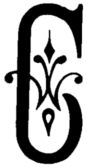
41



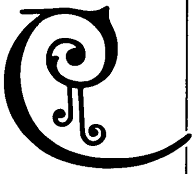
42



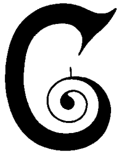
43



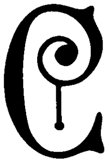
44



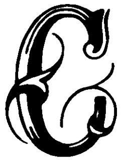
45



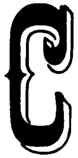
46



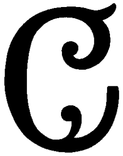
47



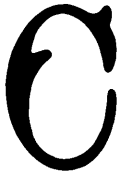
48



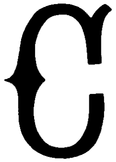
49



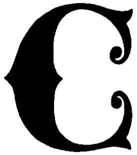
50



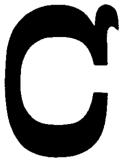
51



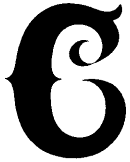
52



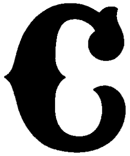
53



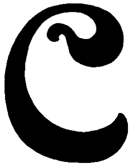
54



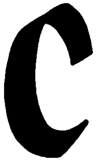
55



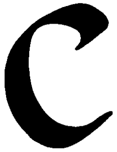
56



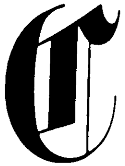
57



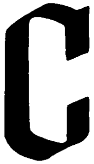
58



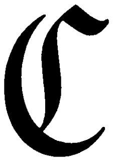
59



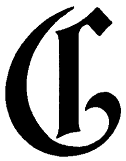
60



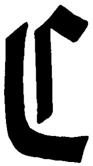
61



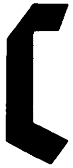
62



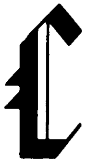
63



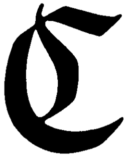
64



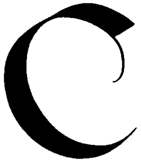
65



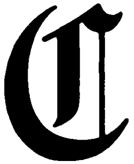
66



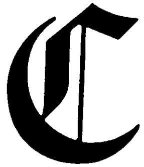
67



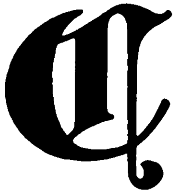
68

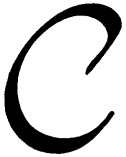
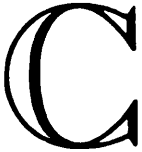
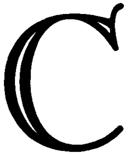
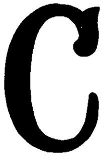
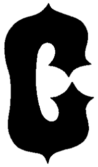
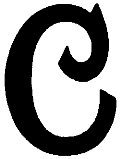
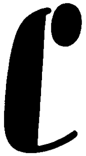
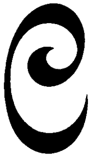
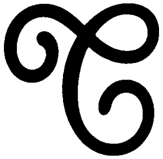
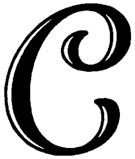
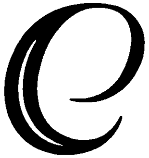
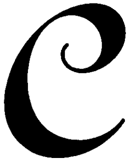
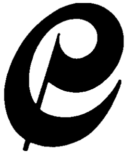
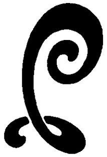
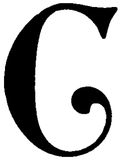
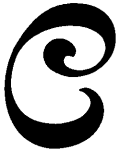
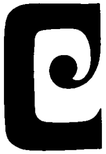
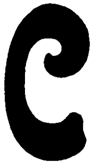
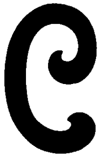
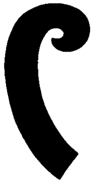
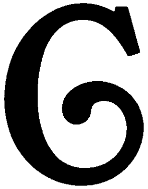
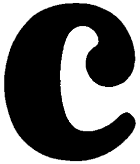
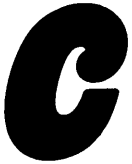
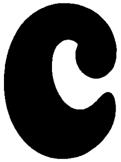
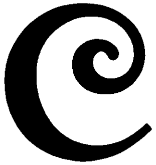
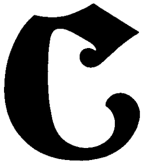
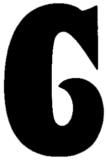
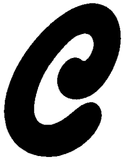
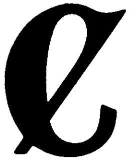
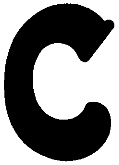
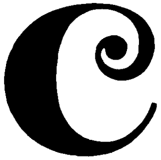
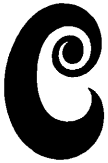
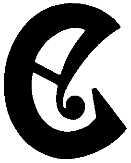
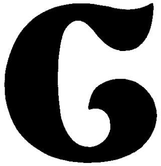
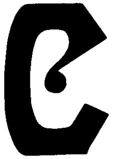


69

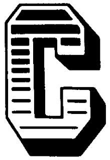


70

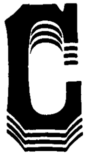


71

72

73

74

75

76

77

78

79

80

81

82

83

84

85

86

87

88

89

90

91

92

93

94

95

96

97

98

99

100

101

102

103

104

105


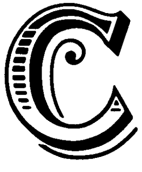
106



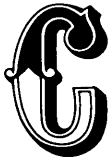
107



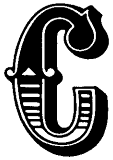
108



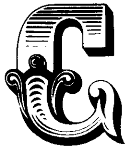
109



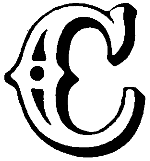
110



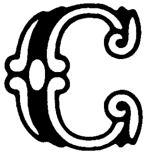
111



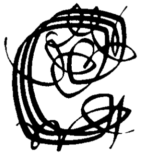
112



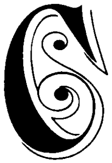
113



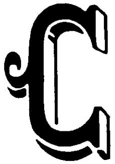
114



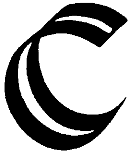
115



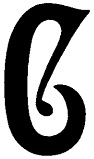
116



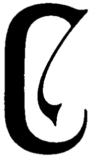
117



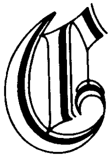
118



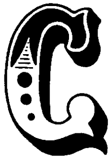
119



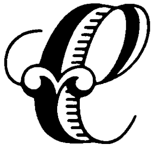
120



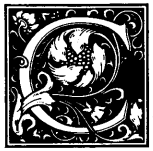
121



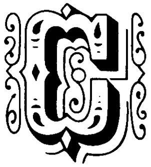
122



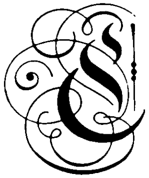
123



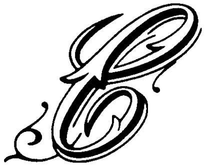
124



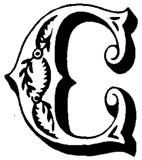
125



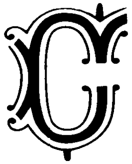
126



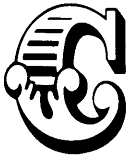
127



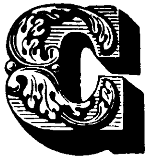
128



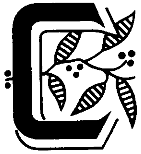
129



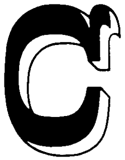
130



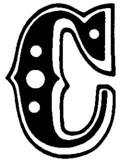
131



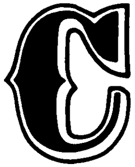
132



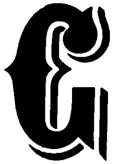
133



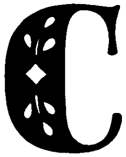
134



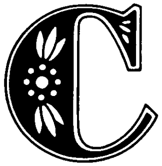
135



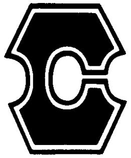
136



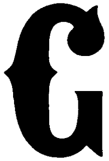
137



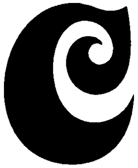
138



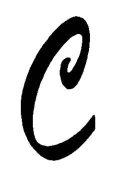
139



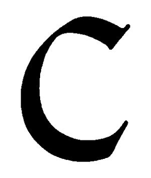
140



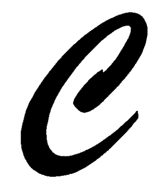
141



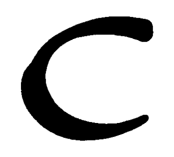
142



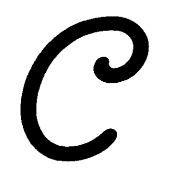
143



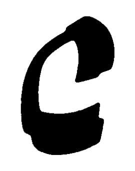
144



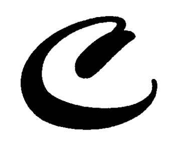
145



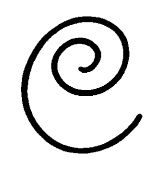
146



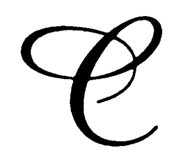
147



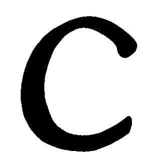
148



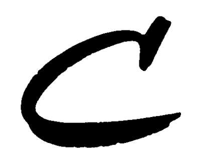
149



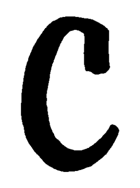
150



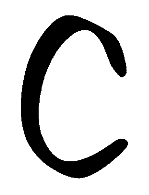
151



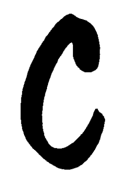
152



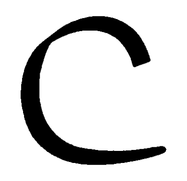
153



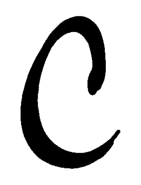
154



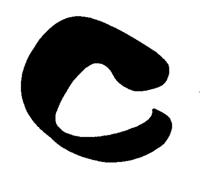
155



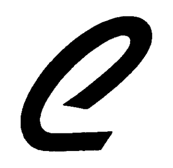
156



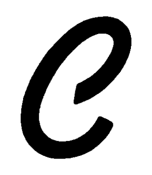
157



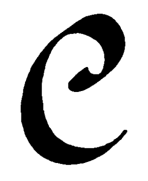
158



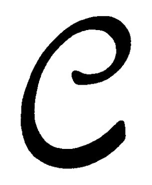
159



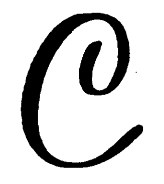
160



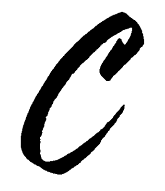
161



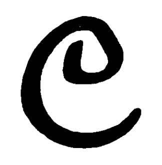
162



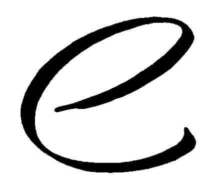
163



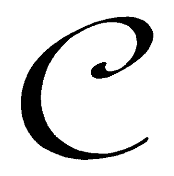
164



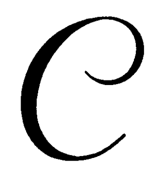
165



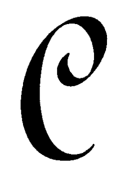
166



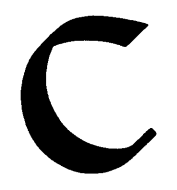
167



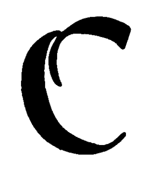
168



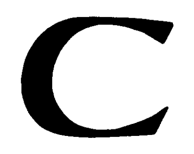
169



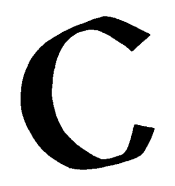
170



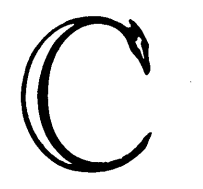
171



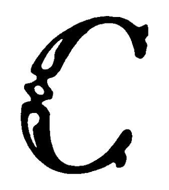
172



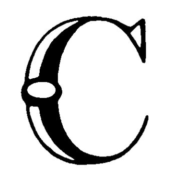
173



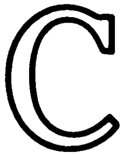
174



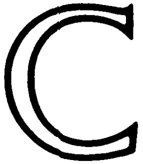
175



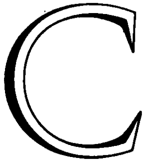
176



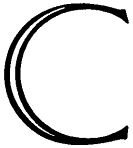
177



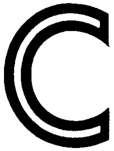
178



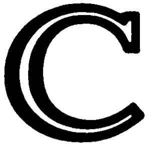
179



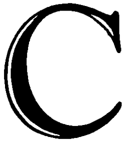
180



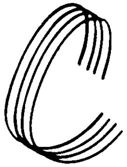
181



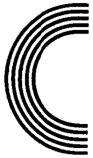
182



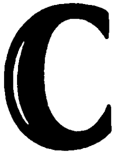
183



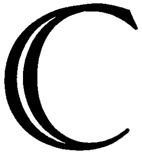
184



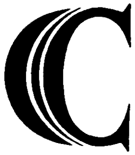
185



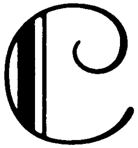
186



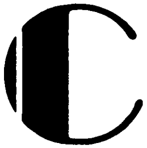
187



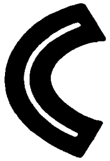
188



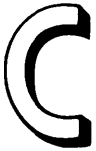
189



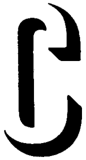
190



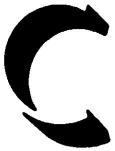
191



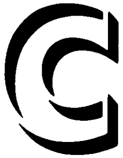
192



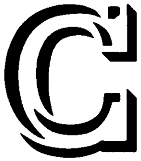
193



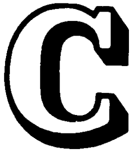
194



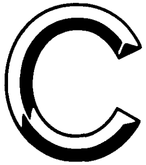
195



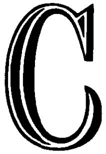
196



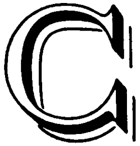
197



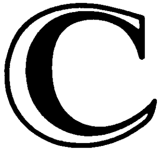
198



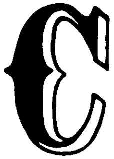
199



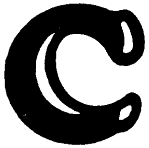
200



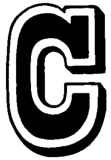
201



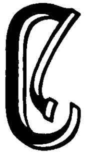
202



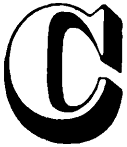
203



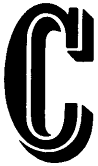
204



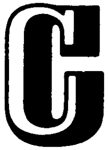
205



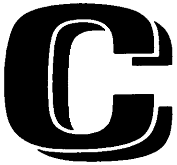
206



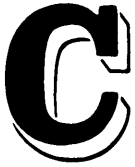
207



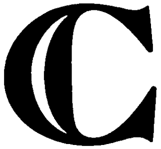
208

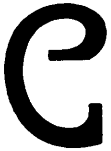
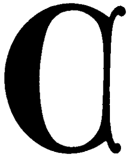
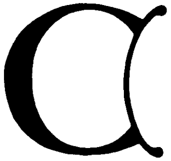
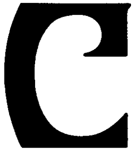
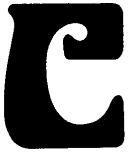
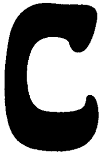
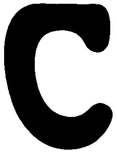
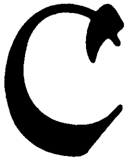
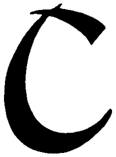
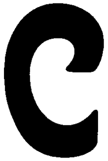
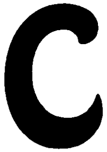
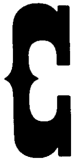
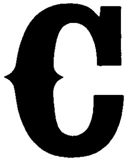
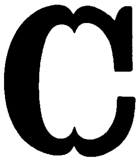
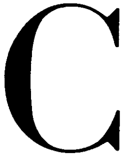
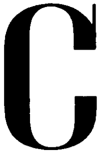
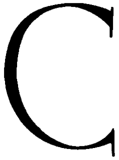
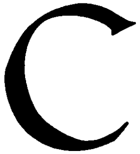
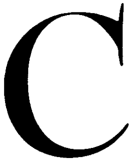
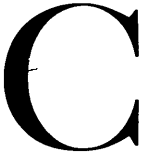
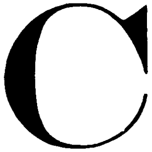
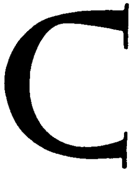
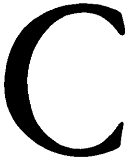
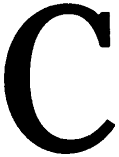
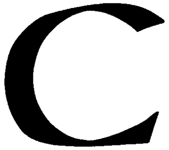
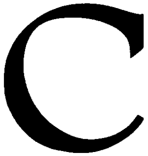
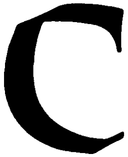
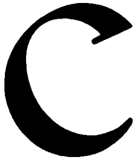
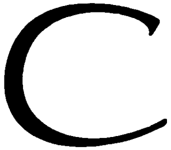
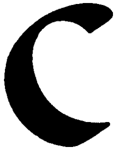
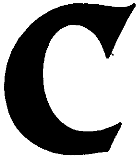
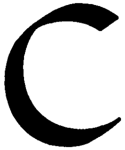
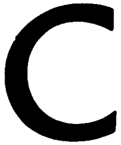
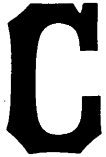
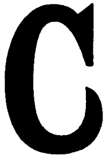


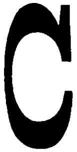
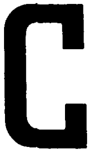
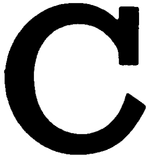
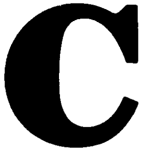
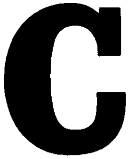
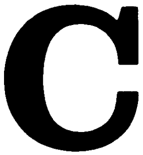
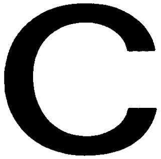
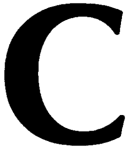
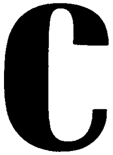
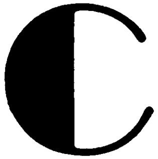
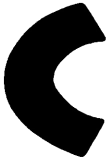
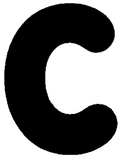
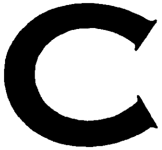
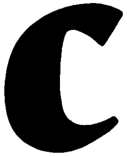
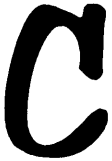
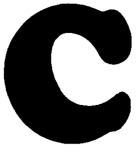
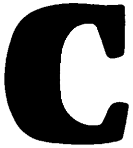
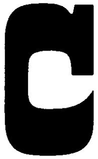
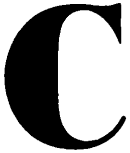
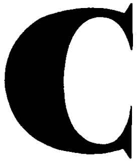
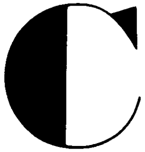
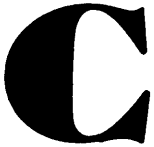
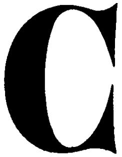
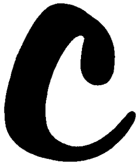
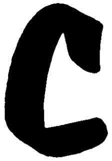
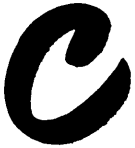
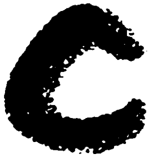
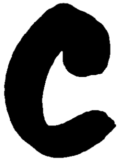
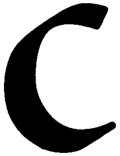
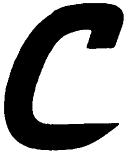
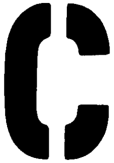
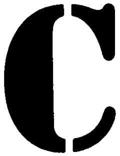
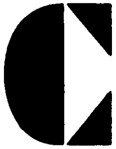
209

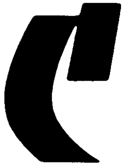


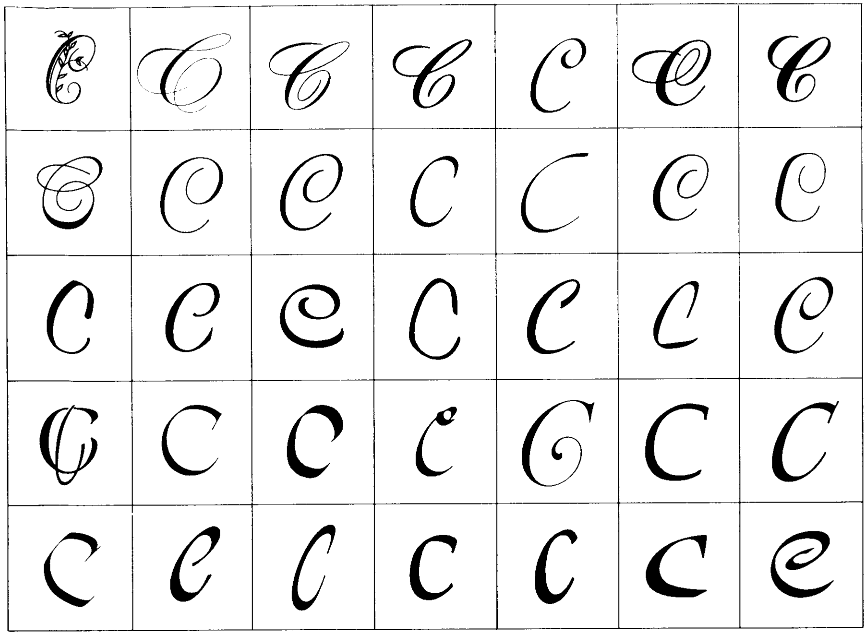
210



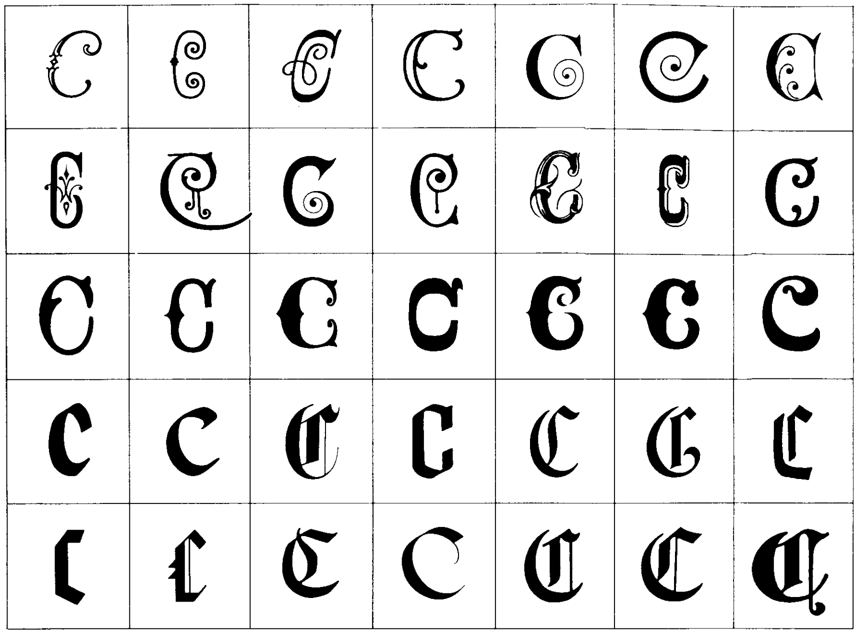
211

212

213

214

215

216

217

218

219

220

221

222

223

224

225

226

227

228

229

230

231

232

233

234

235

236

237

238

239

240

241

242

243

244

245


246

247

248

249

250

251

252

253

254

255

256

257

258

259

260

261

262

263

264

265

266

267

268

269

270

271

272

273

274

275

276

277

278

279

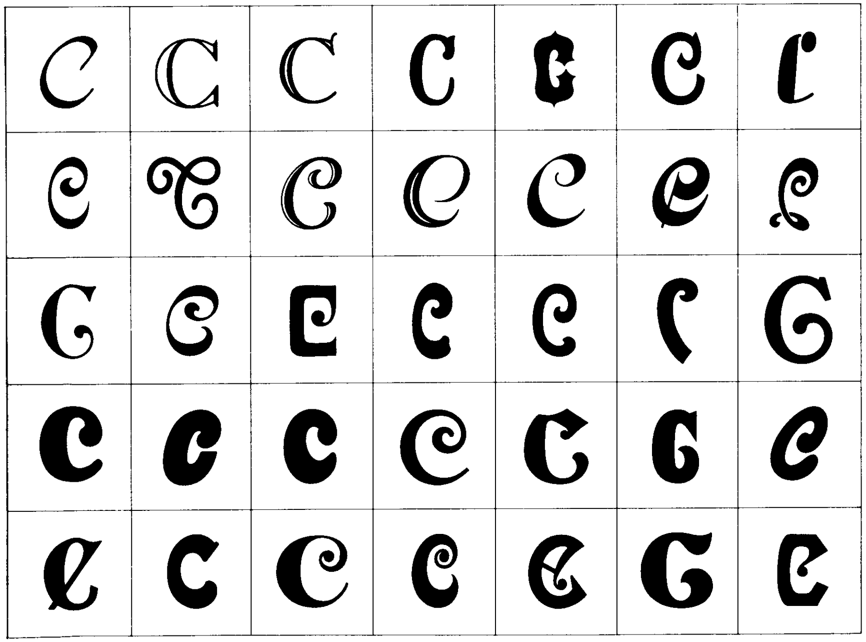
280




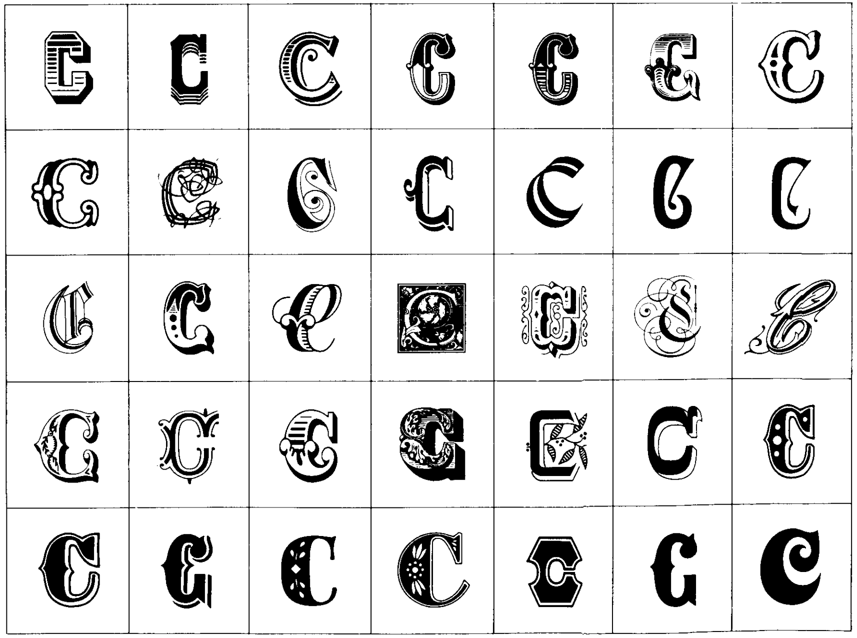
22



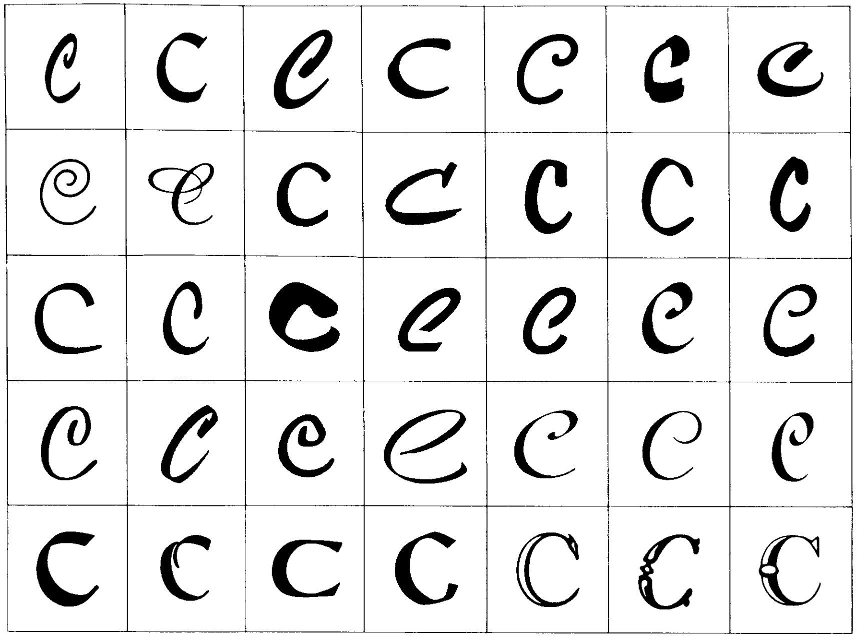
23



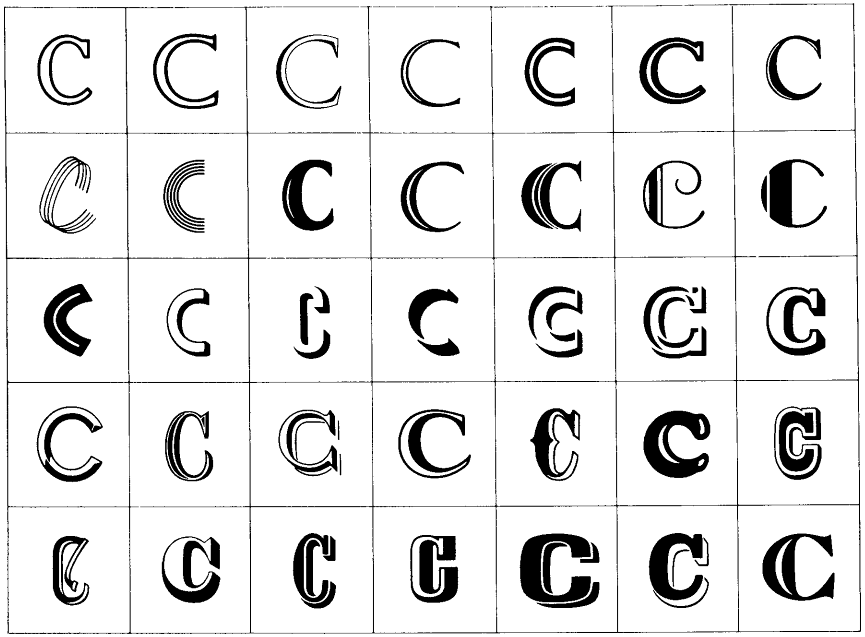
24



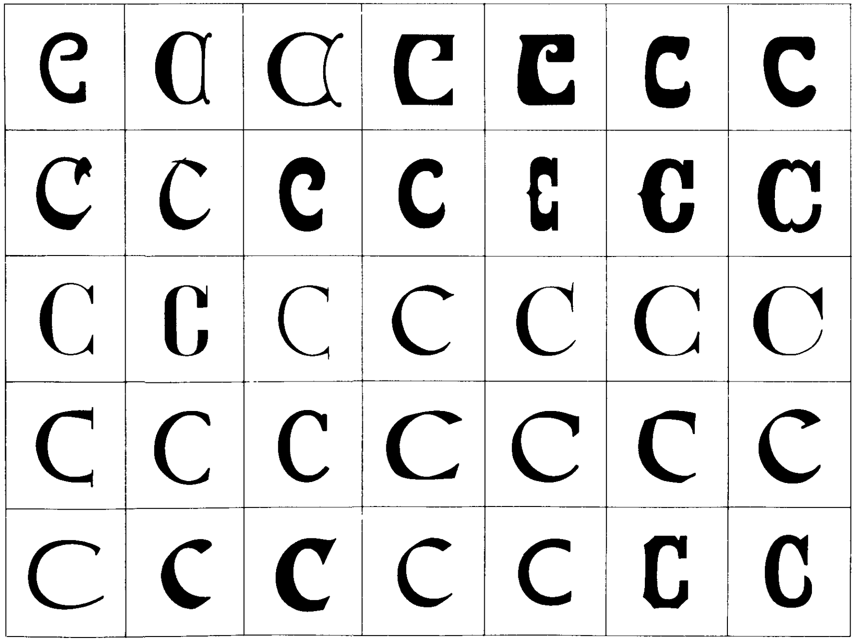
25



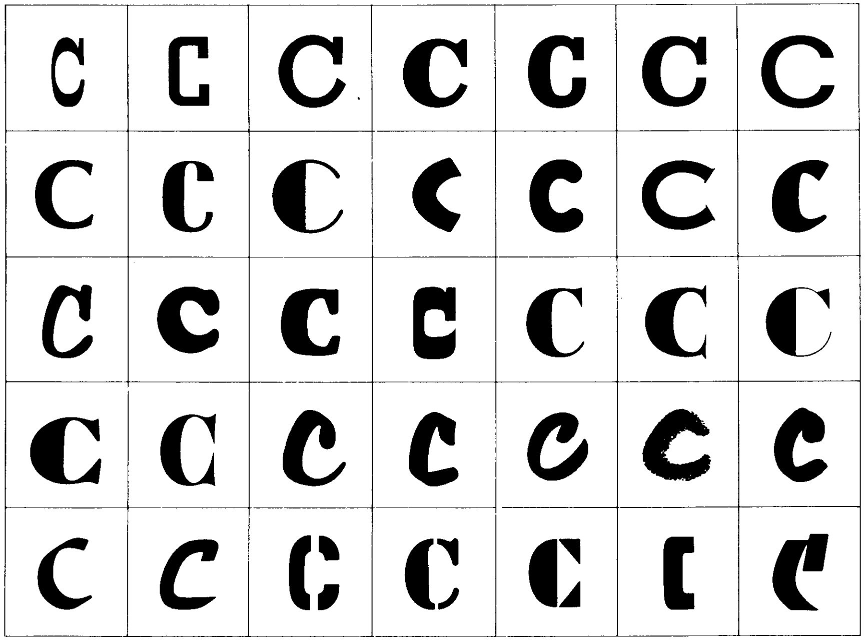
26



27

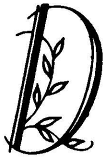


28

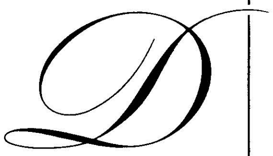


29

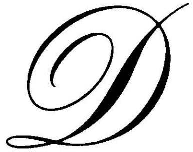
1



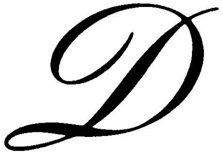
2



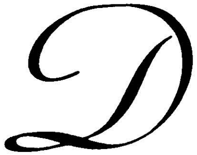
3



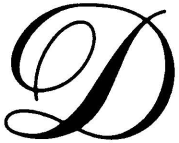
4



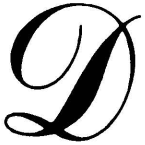
5



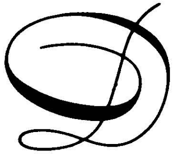
6



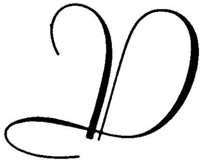
7



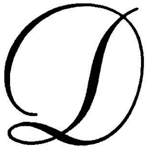
8



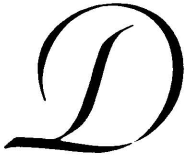
9



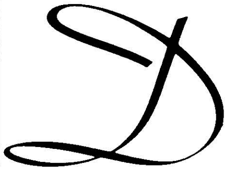
10



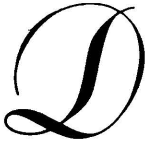
11



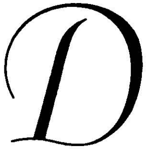
12



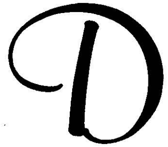
13



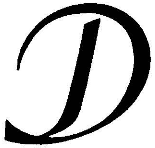
14



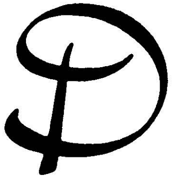
15



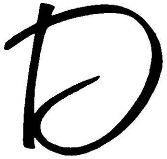
16



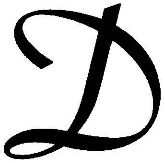
17



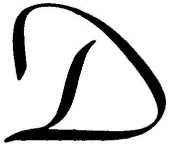
18



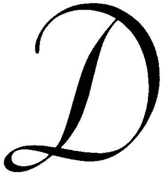
19



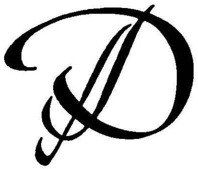
20



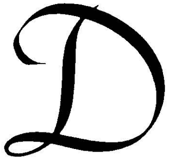
21



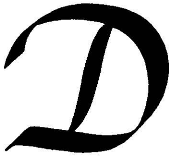
22



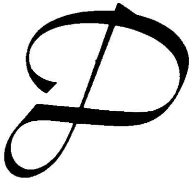
23



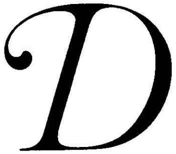
24



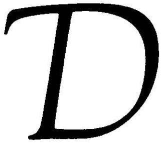
25



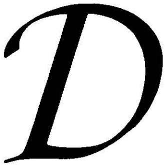
26



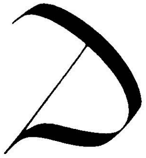
27



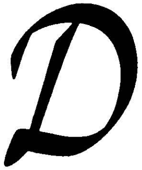
28



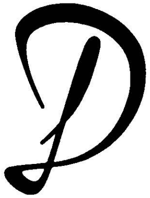
29



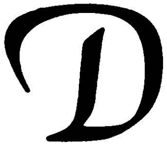
30



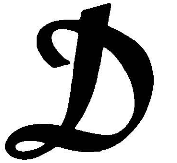
31



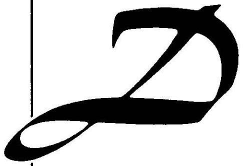
32



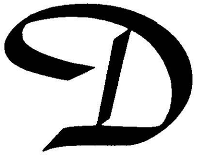
33



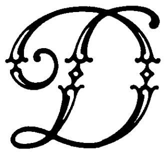
34



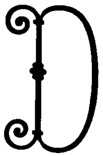
35



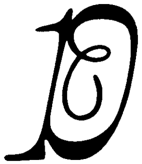
36



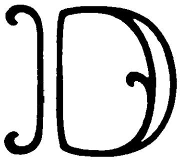
37



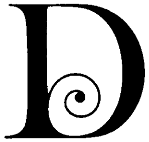
38



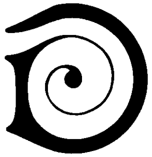
39



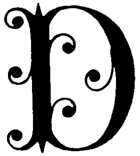
40



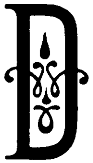
41



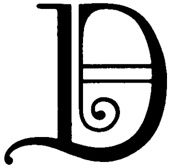
42



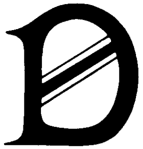
43



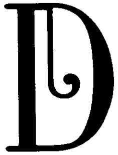
44



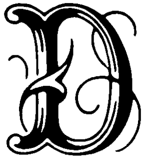
45



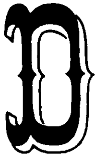
46



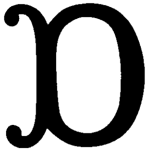
47



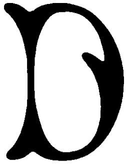
48



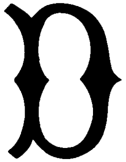
49



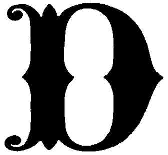
50



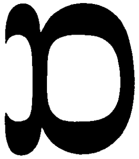
51



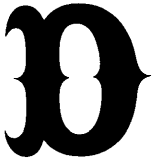
52



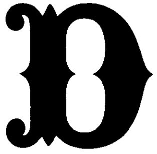
53



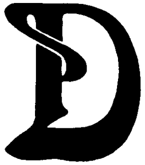
54



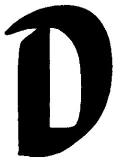
55



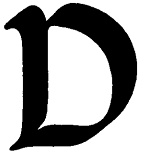
56



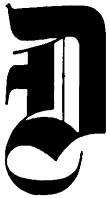
57



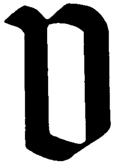
58



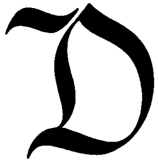
59



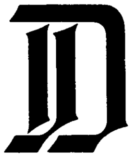
60



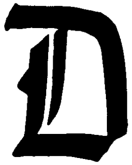
61



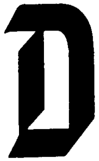
62



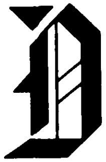
63



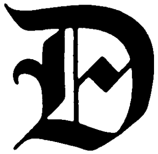
64



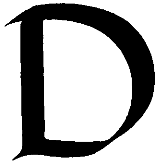
65



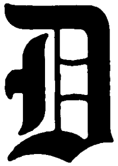
66



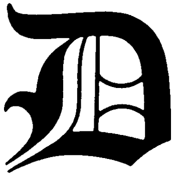
67



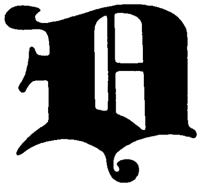
68

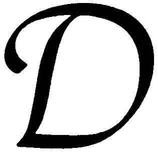


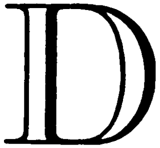
69

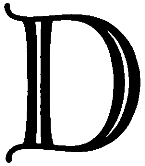


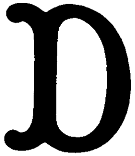
70

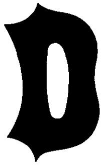


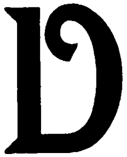
71


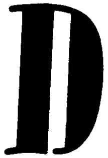
72


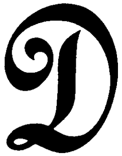
73


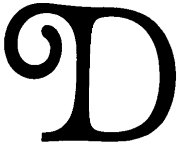
74


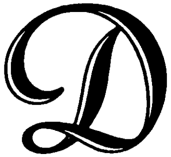
75


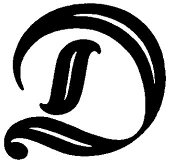
76


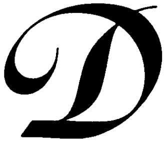
77


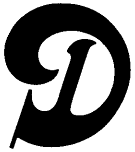
78


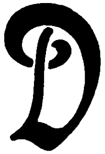
79


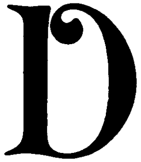
80


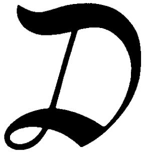
81


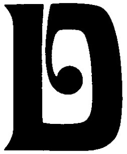
82


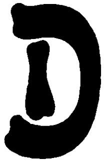
83


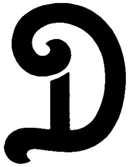
84


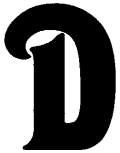
85


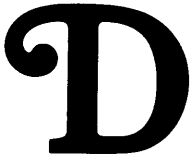
86


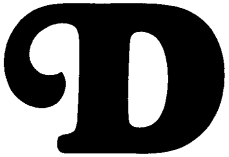
87


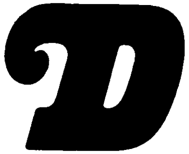
88


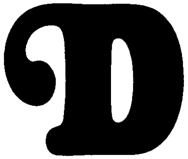
89


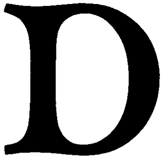
90


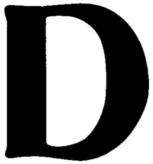
91


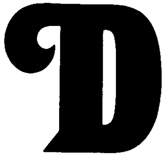
92


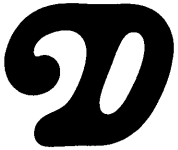
93


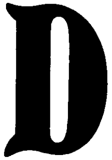
94


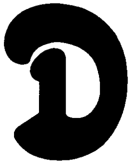
95


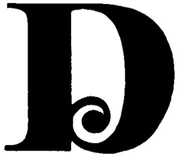
96


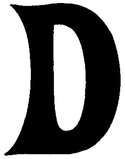
97


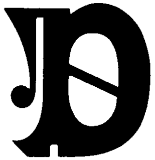
98


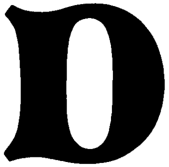
99


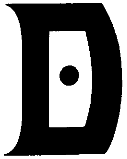
100


101


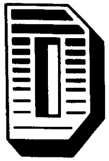
102


103


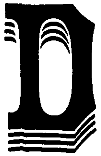
104


105


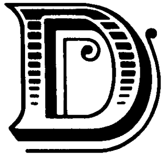
106



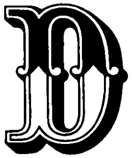
107



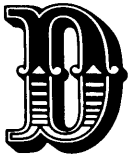
108



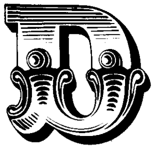
109



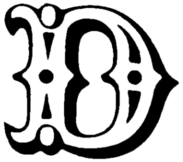
110



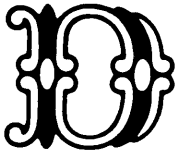
111



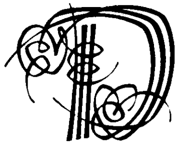
112



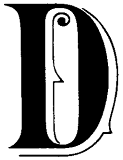
113



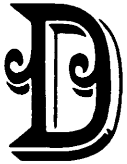
114



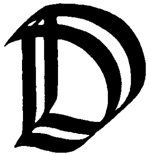
115



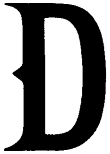
116



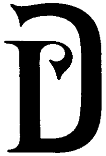
117



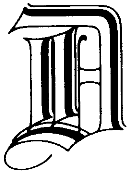
118



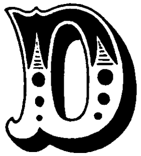
119



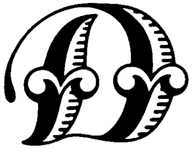
120



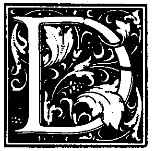
121



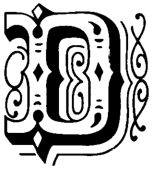
122



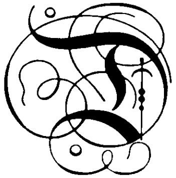
123



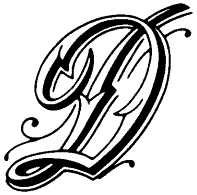
124



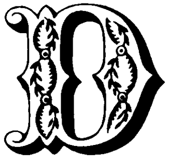
125



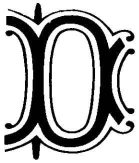
126



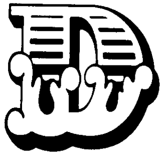
127



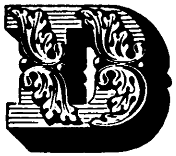
128



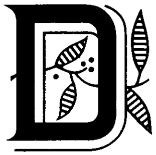
129



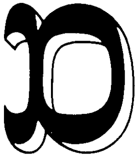
130



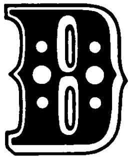
131



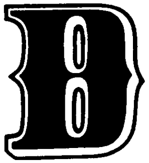
132



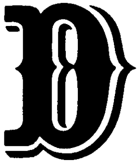
133



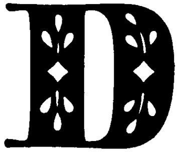
134



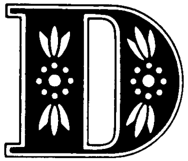
135



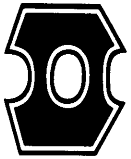
136



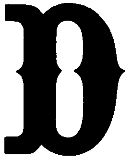
137



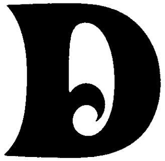
138



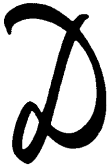
139



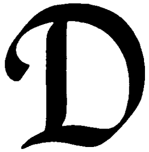
140



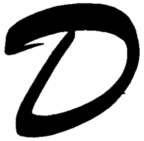
141



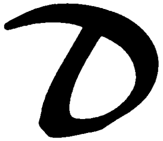
142



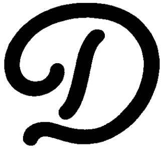
143



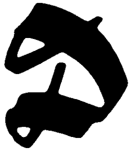
144



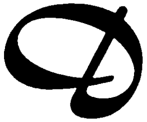
145



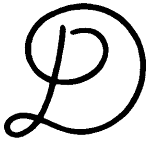
146



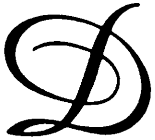
147



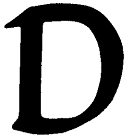
148



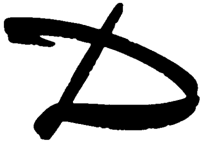
149



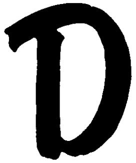
150



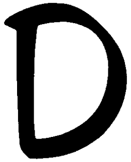
151



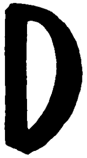
152



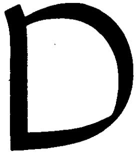
153



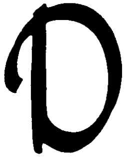
154



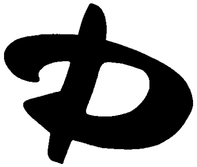
155



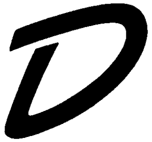
156



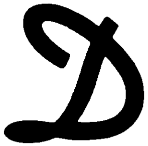
157



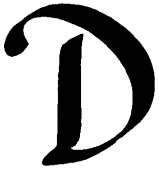
158



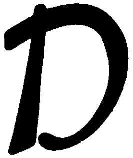
159



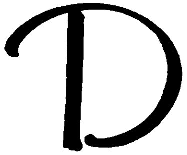
160



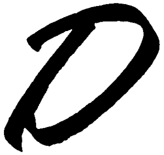
161



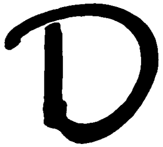
162



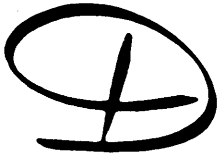
163



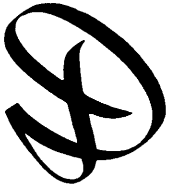
164



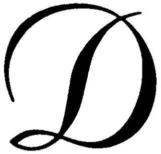
165



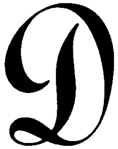
166



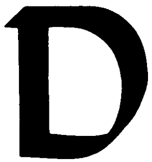
167



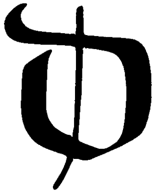
168



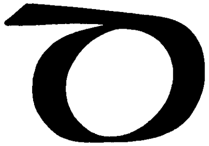
169



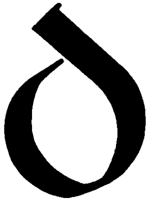
170



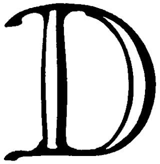
171



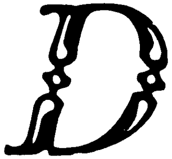
172



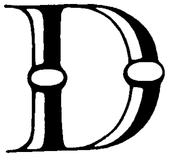
173



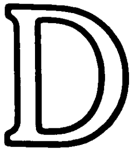
174



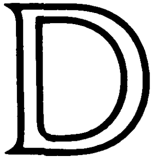
175



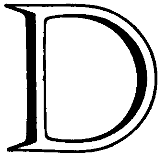
176



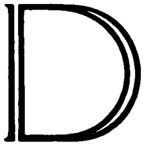
177



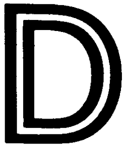
178



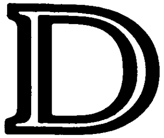
179



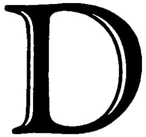
180



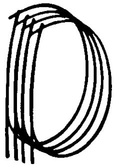
181



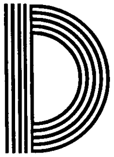
182



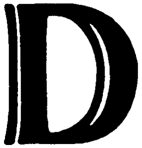
183



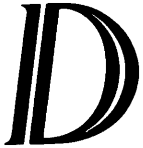
184



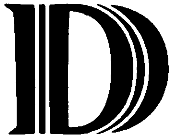
185



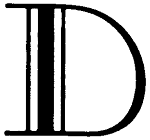
186



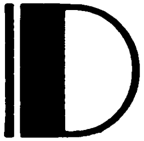
187



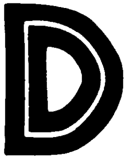
188



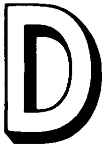
189



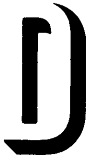
190



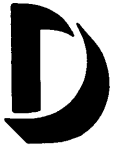
191



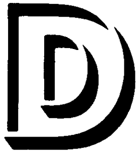
192



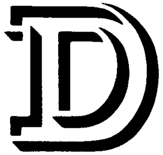
193



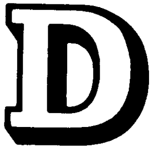
194



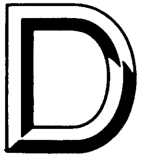
195



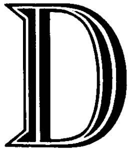
196



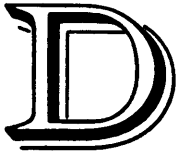
197



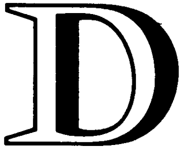
198



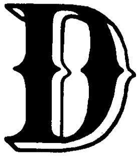
199



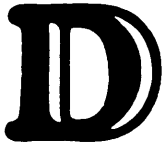
200



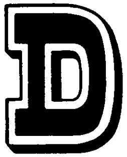
201



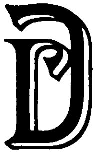
202



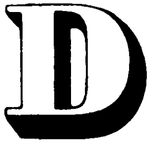
203



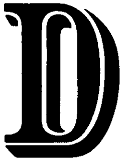
204



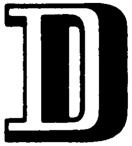
205



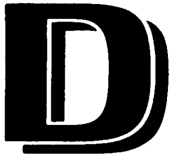
206



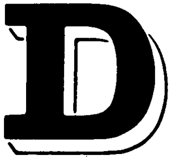
207



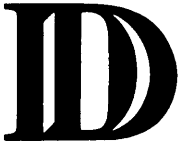
208



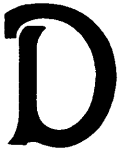
209



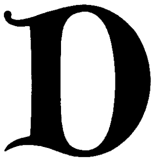
210



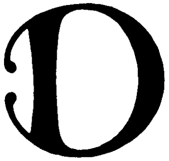
211



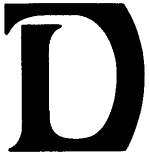
212



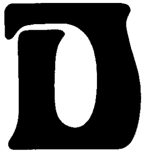
213



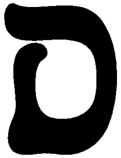
214



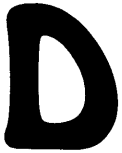
215



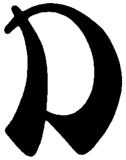
216



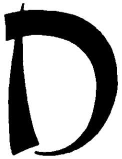
217



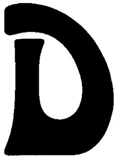
218



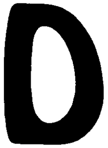
219



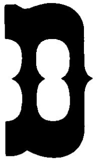
220



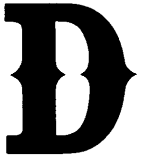
221



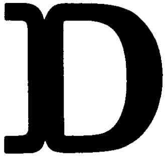
222



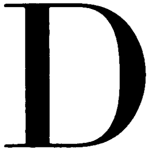
223



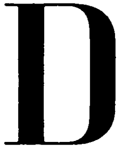
224



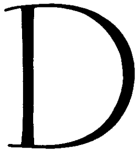
225



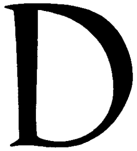
226



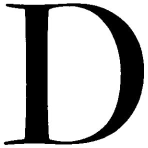
227



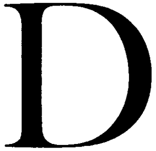
228



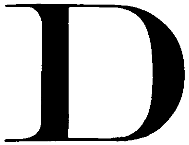
229



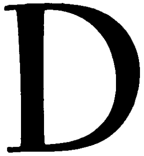
230



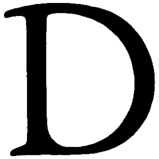
231



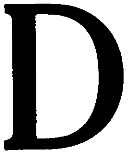
232



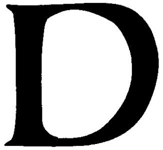
233



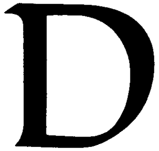
234



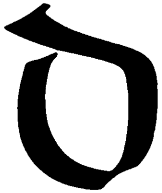
235



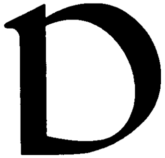
236



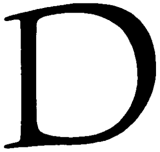
237



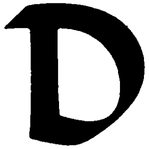
238



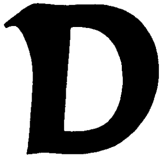
239



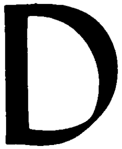
240



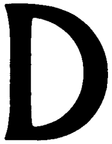
241



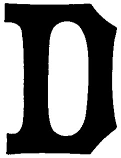
242



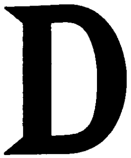
243

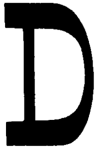


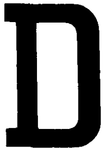
244

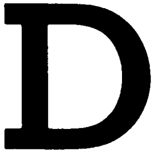


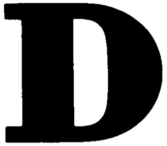
245

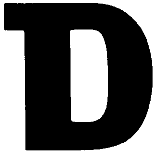


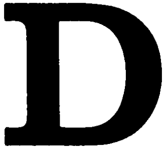
246


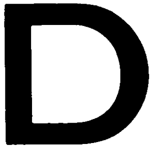
247


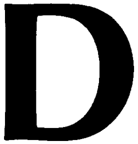
248


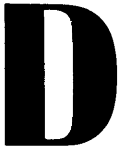
249


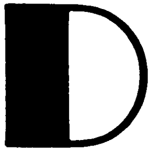
250


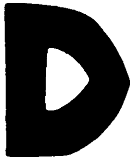
251


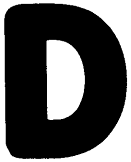
252


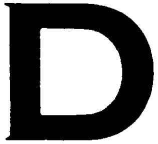
253


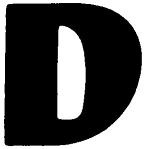
254


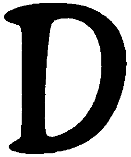
255


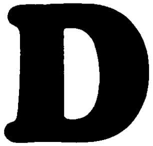
256


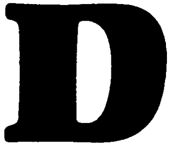
257


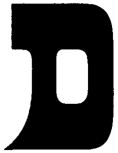
258


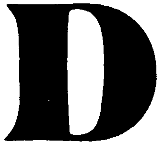
259


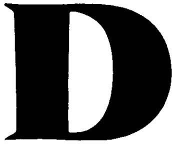
260


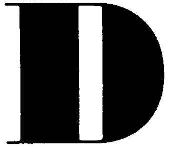
261


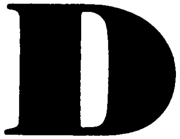
262


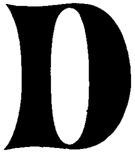
263


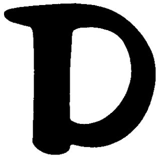
264


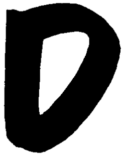
265


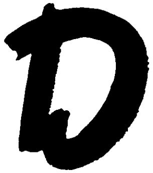
266


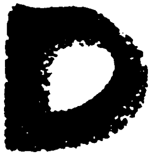
267


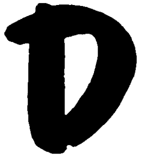
268


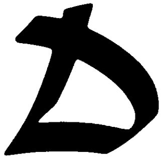
269


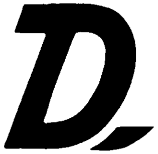
270


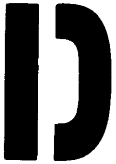
271


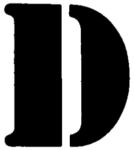
272


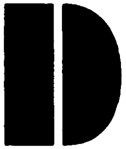
273


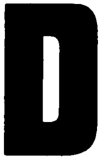
274


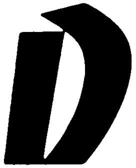
275


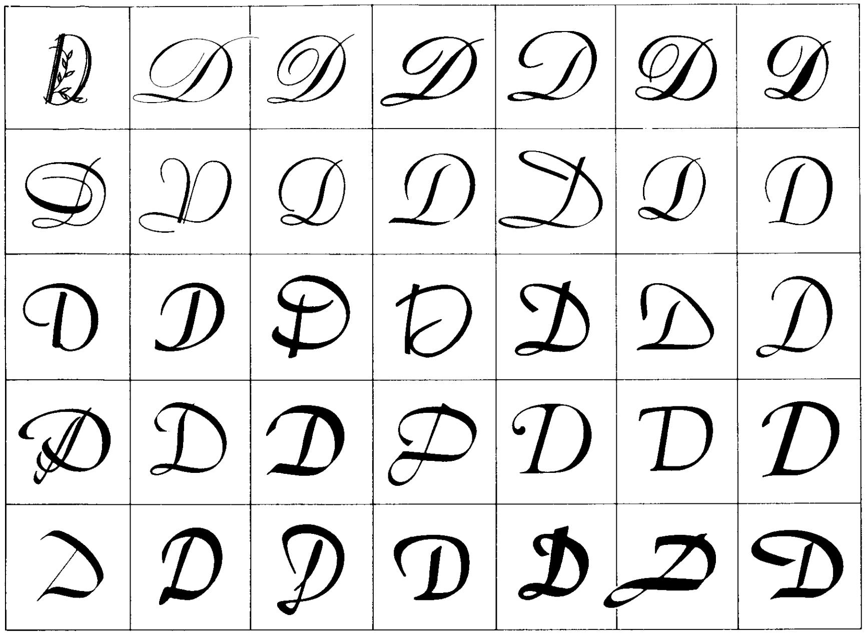
276


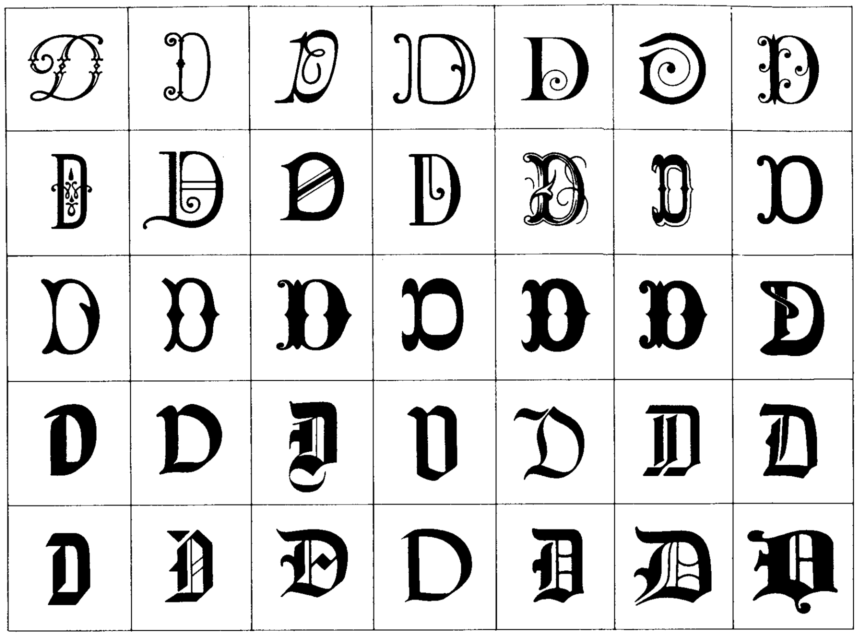
277


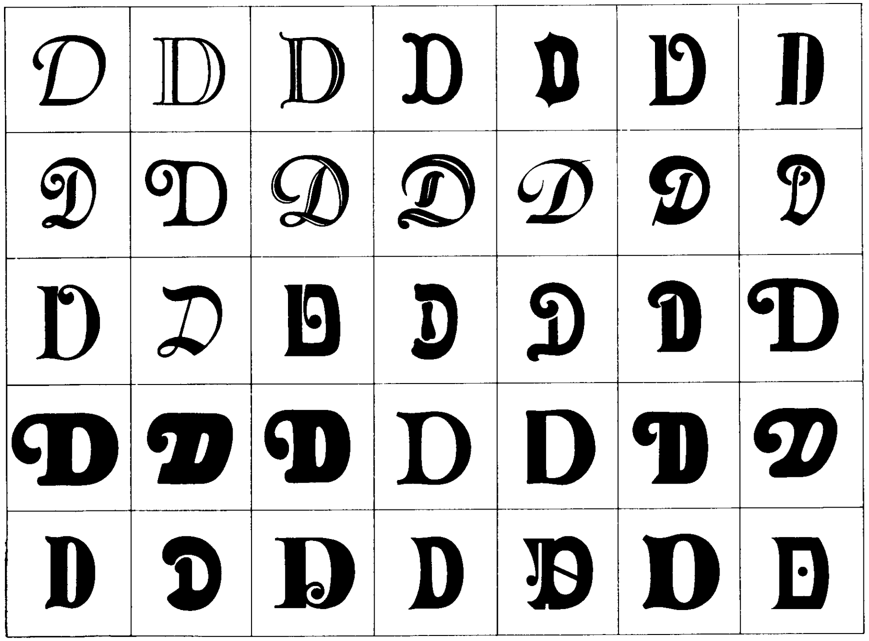
278


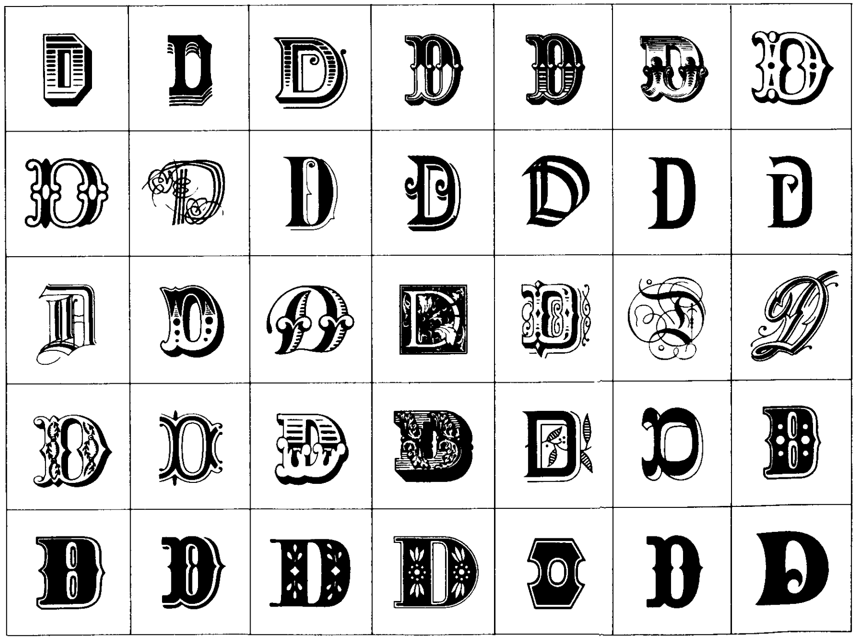
279


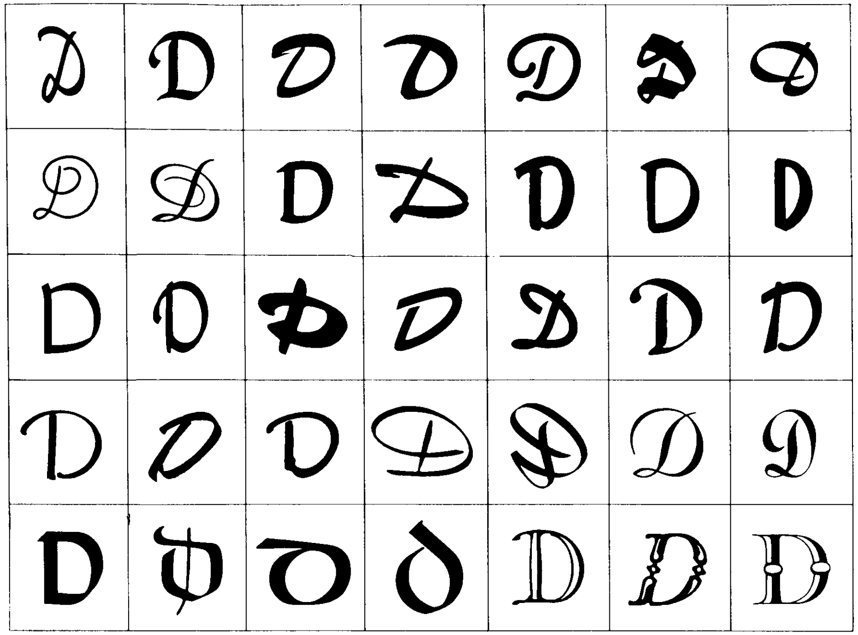
280



32

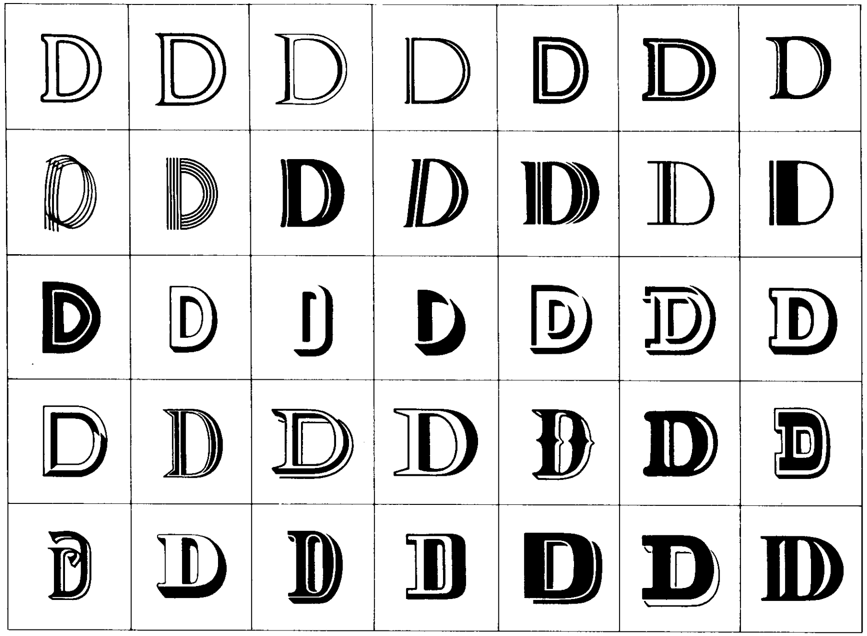

33


34

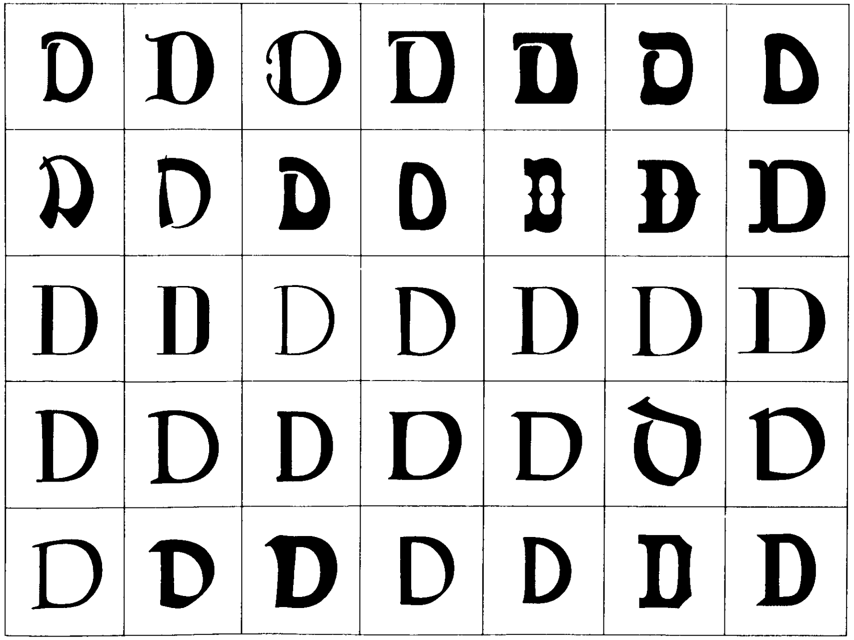

35



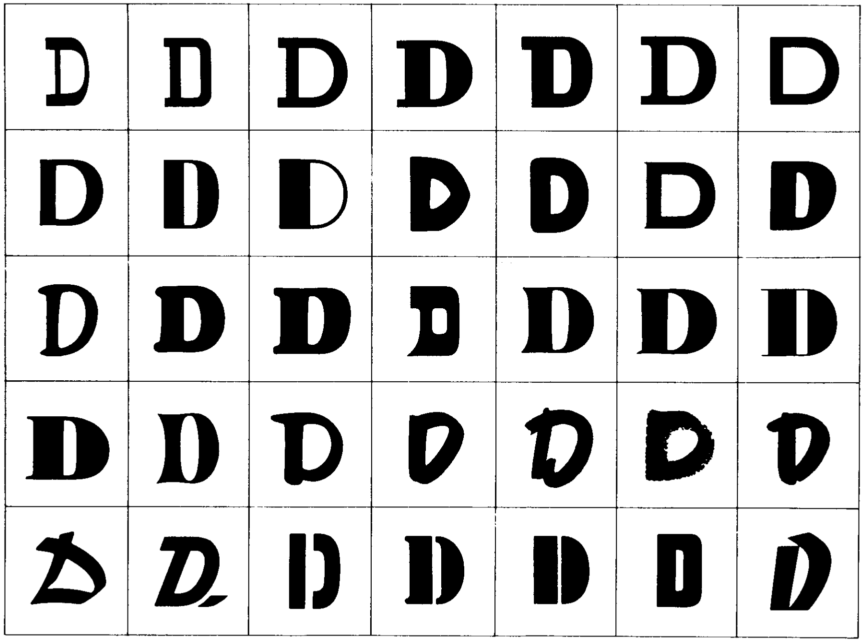
36



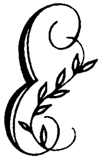
37

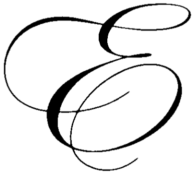


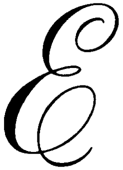
38

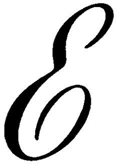


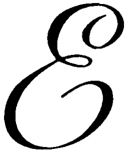
39

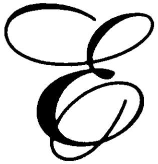
1


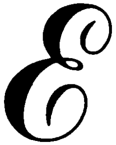
2


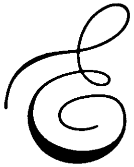
3


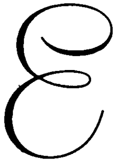
4


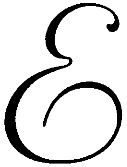
5


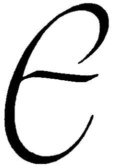
6


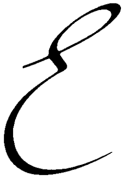
7


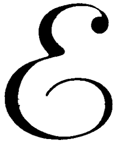
8


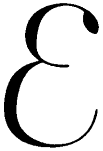
9


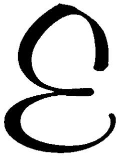
10


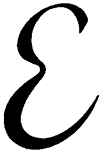
11


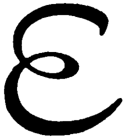
12


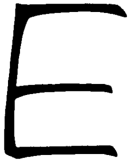
13


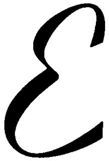
14


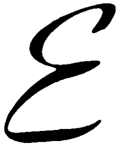
15


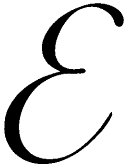
16


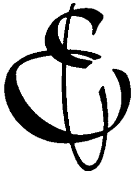
17


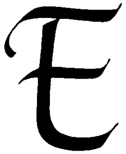
18


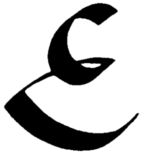
19


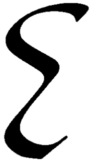
20


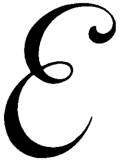
21


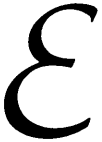
22


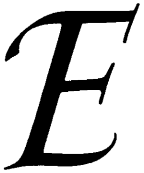
23


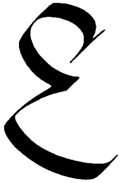
24


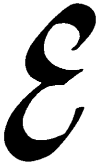
25


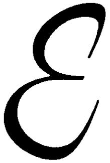
26


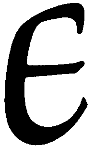
27


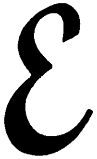
28


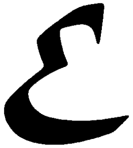
29


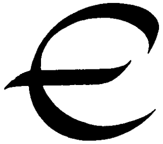
30


31


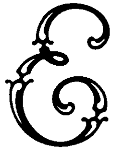
32


33


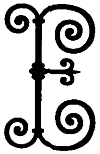
34


35


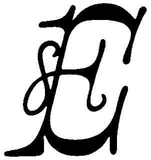
36



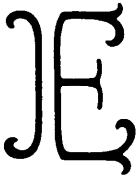
37



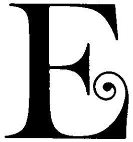
38



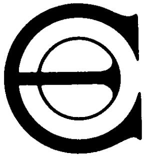
39



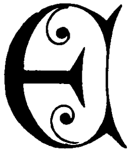
40



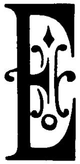
41



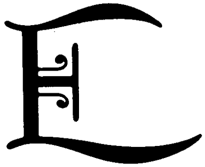
42



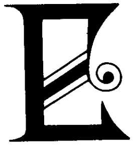
43



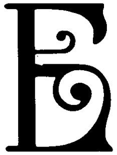
44



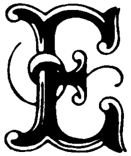
45



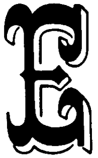
46



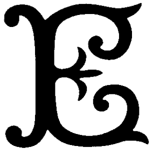
47



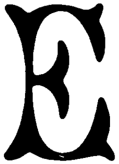
48



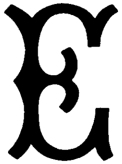
49



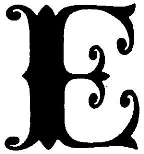
50



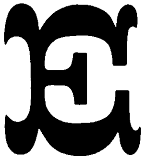
51



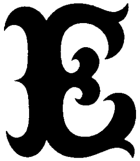
52



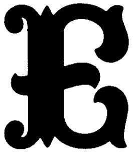
53



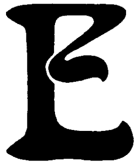
54



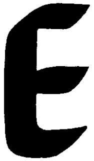
55



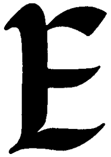
56



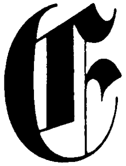
57



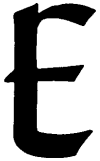
58



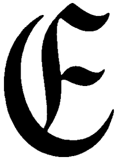
59



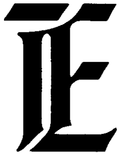
60



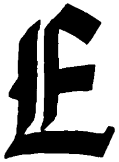
61



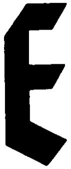
62



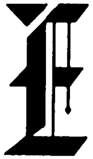
63



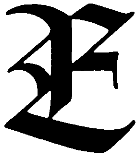
64



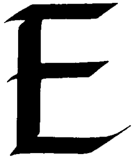
65



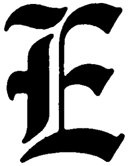
66



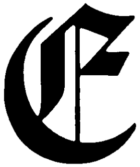
67



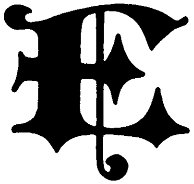
68



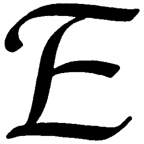
69



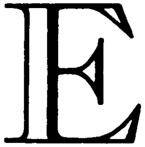
70



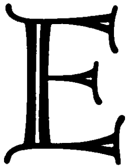
71



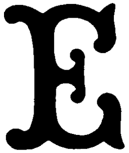
72



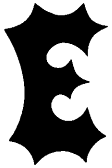
73



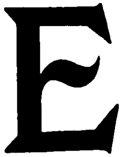
74



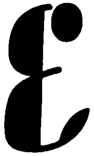
75



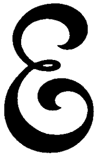
76



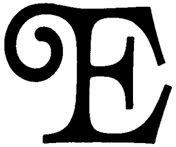
77



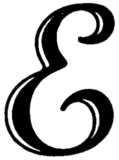
78



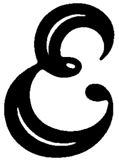
79



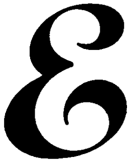
80



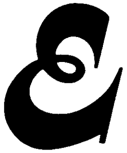
81



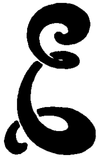
82



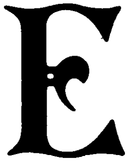
83



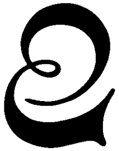
84



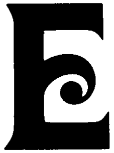
85



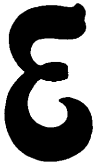
86



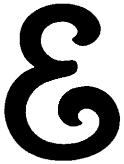
87



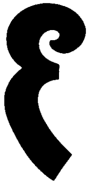
88



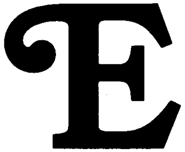
89



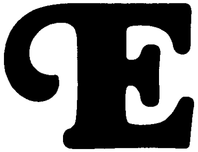
90



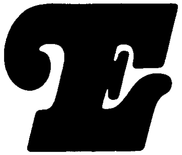
91



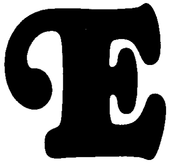
92



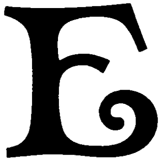
93



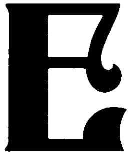
94



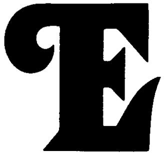
95



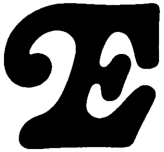
96



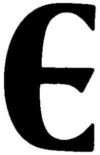
97



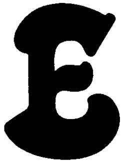
98



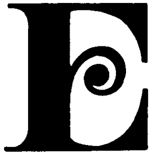
99



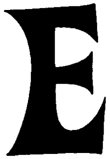
100



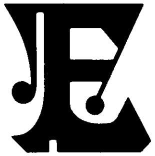
101



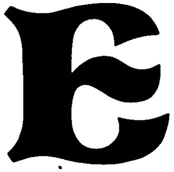
102



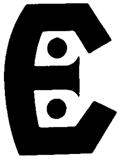
103

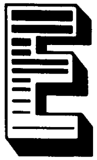


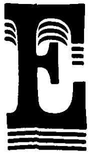
104

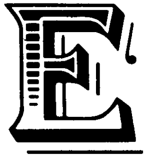


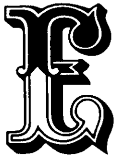
105

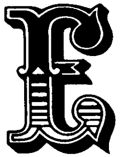


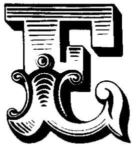
106


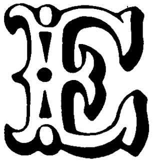
107


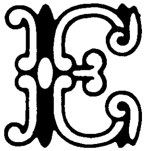
108


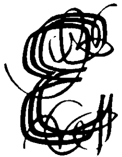
109


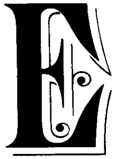
110


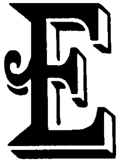
111


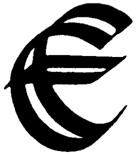
112


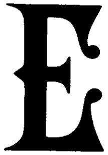
113


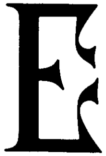
114


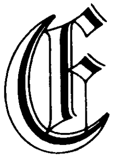
115


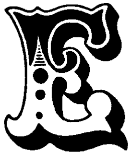
116


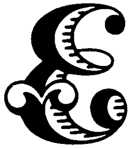
117


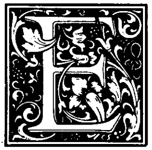
118


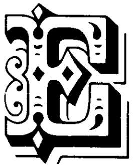
119


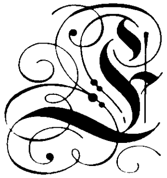
120


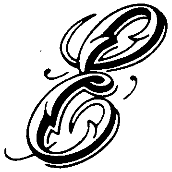
121


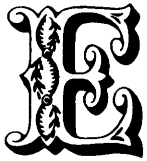
122


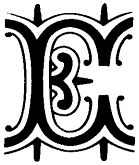
123


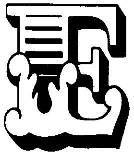
124


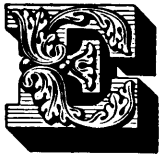
125


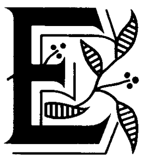
126


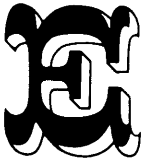
127


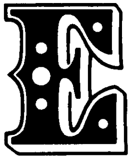
128


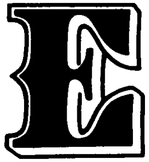
129


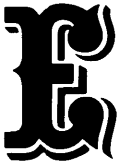
130


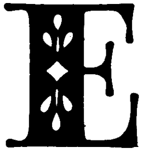
131


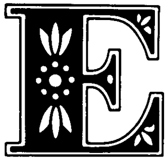
132


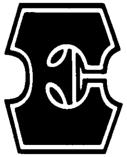
133


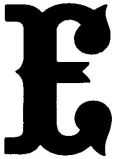
134


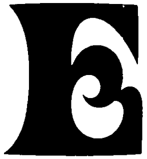
135


136


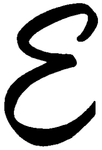
137


138


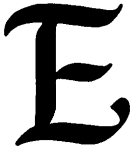
139


140


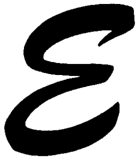
141



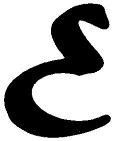
142



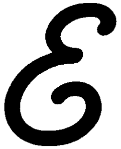
143



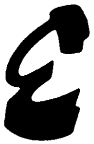
144



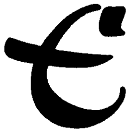
145



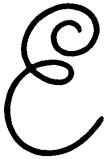
146



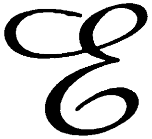
147



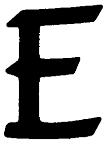
148



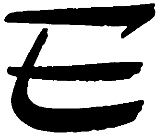
149



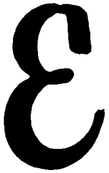
150



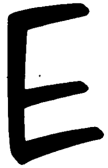
151



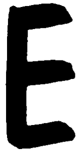
152



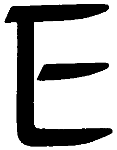
153



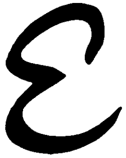
154



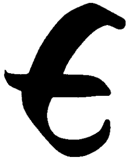
155



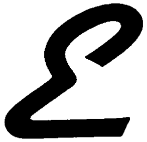
156



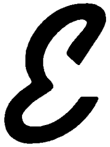
157



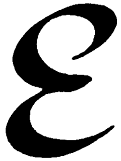
158



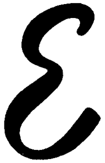
159



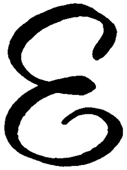
160



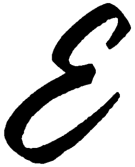
161



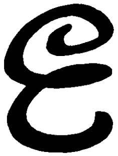
162



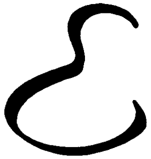
163



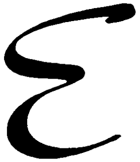
164



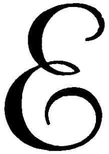
165



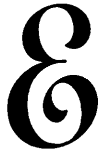
166



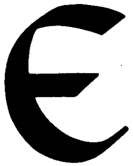
167



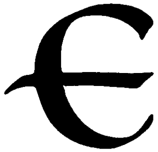
168



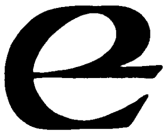
169



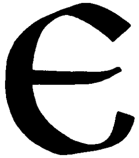
170



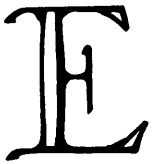
171



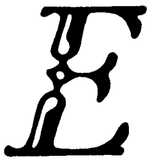
172



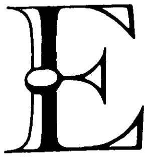
173



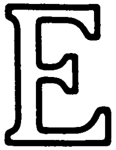
174



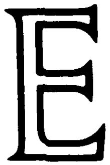
175



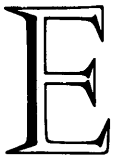
176



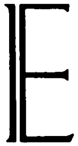
177



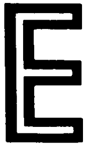
178



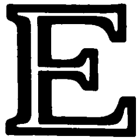
179



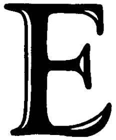
180



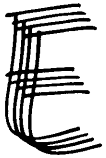
181



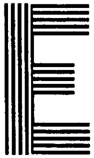
182



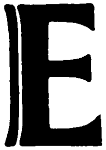
183



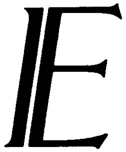
184



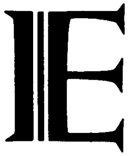
185



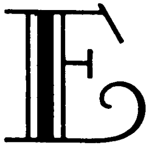
186



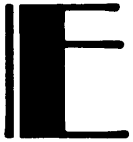
187



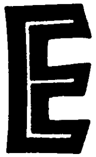
188



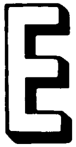
189



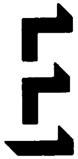
190



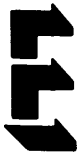
191



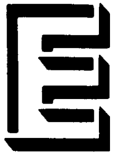
192



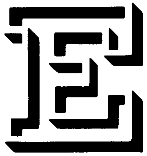
193



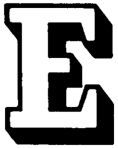
194



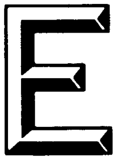
195



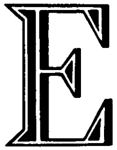
196



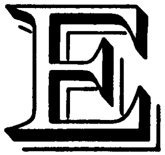
197



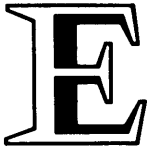
198



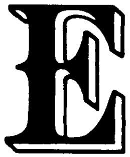
199



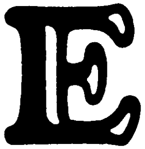
200



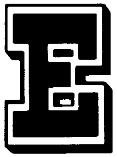
201



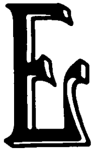
202



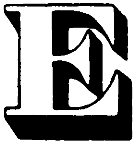
203



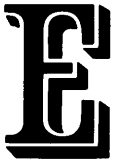
204



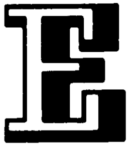
205



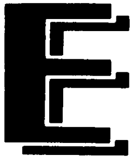
206



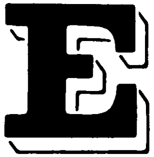
207



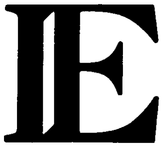
208

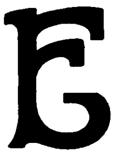


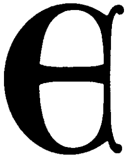
209

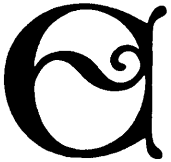


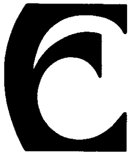
210

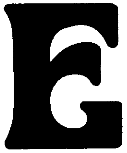


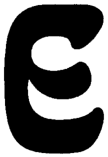
211


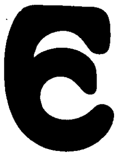
212


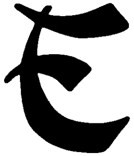
213


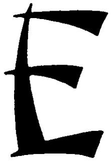
214


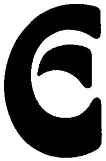
215


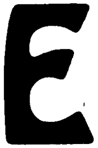
216


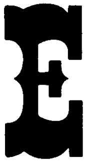
217


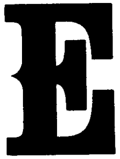
218


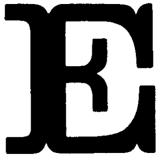
219


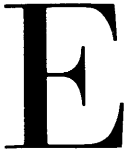
220


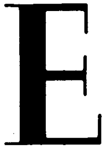
221


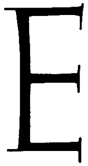
222


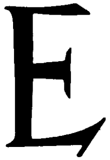
223


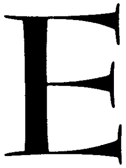
224


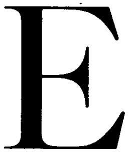
225


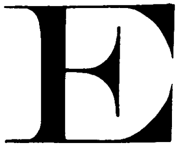
226


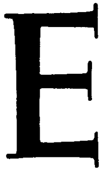
227


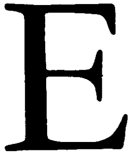
228


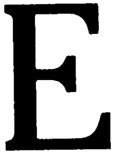
229


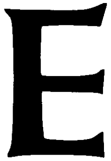
230


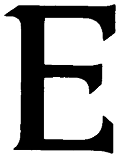
231


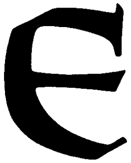
232


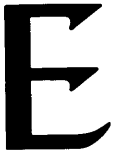
233


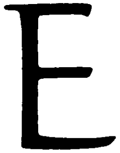
234


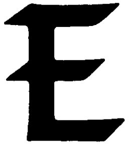
235


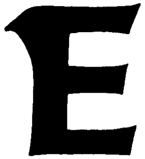
236


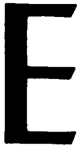
237


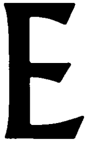
238


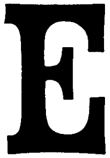
239


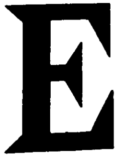
240


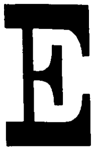
241


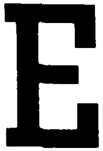
242


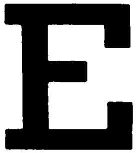
243


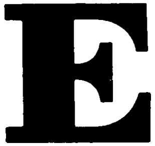
244


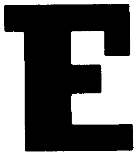
245


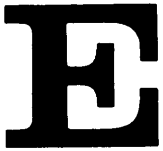
246


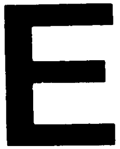
247


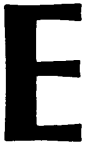
248


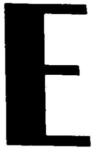
249


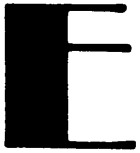
250


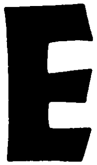
251


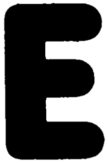
252


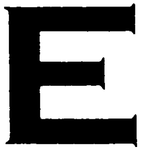
253


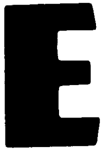
254


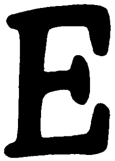
255


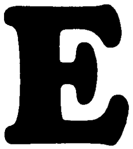
256


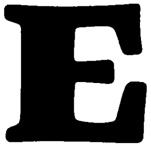
257


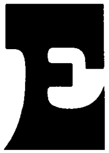
258


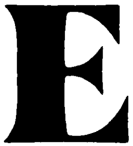
259


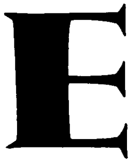
260


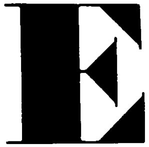
261


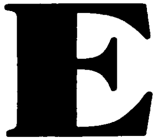
262


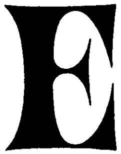
263


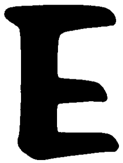
264


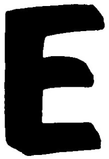
265


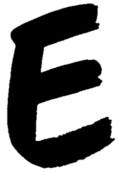
266


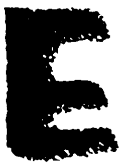
267


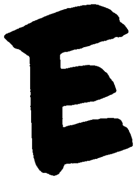
268


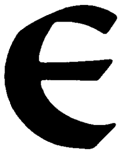
269


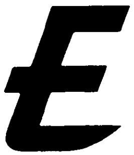
270


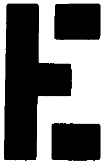
271


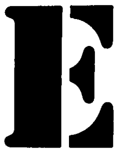
272


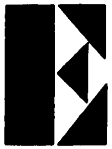
273


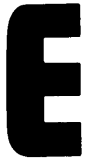
274


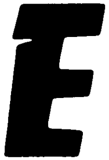
275


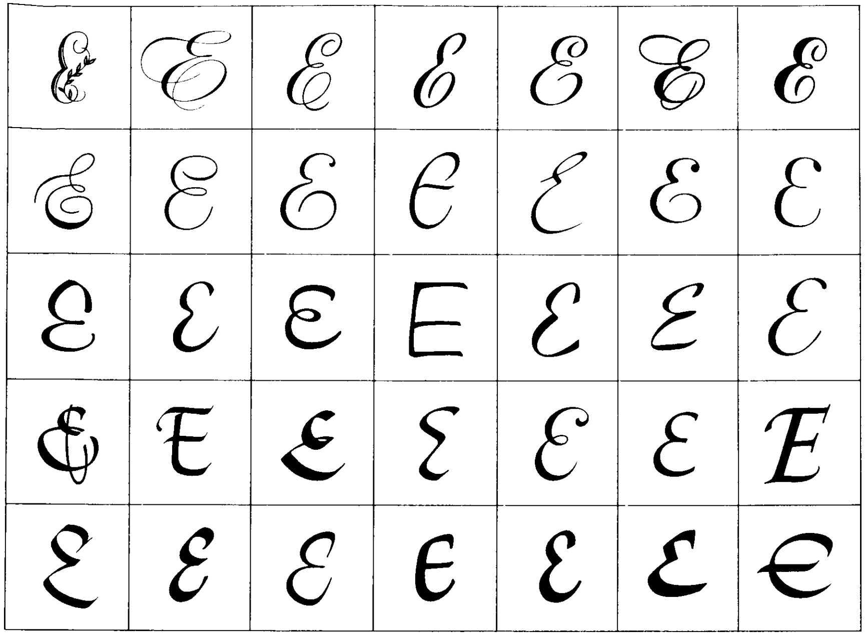
276


277


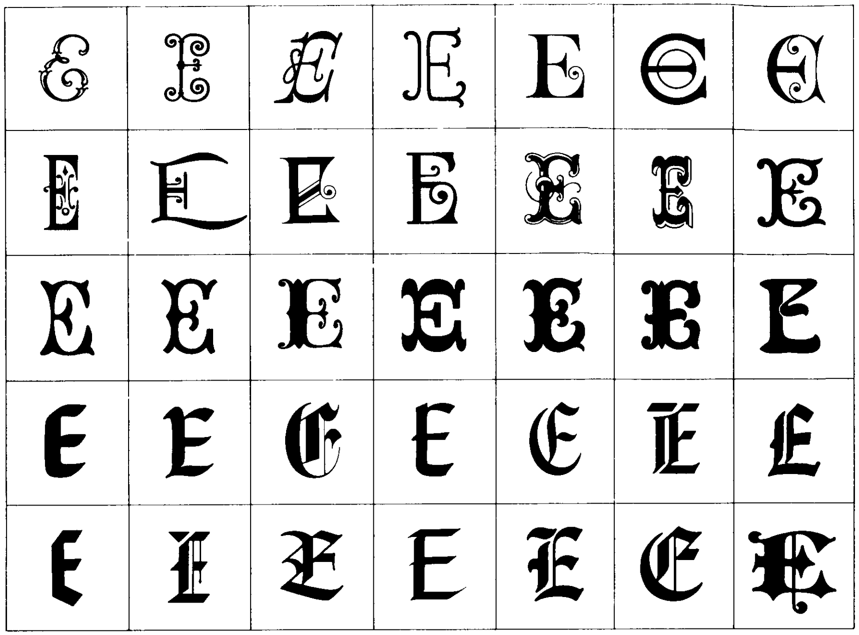
278


279


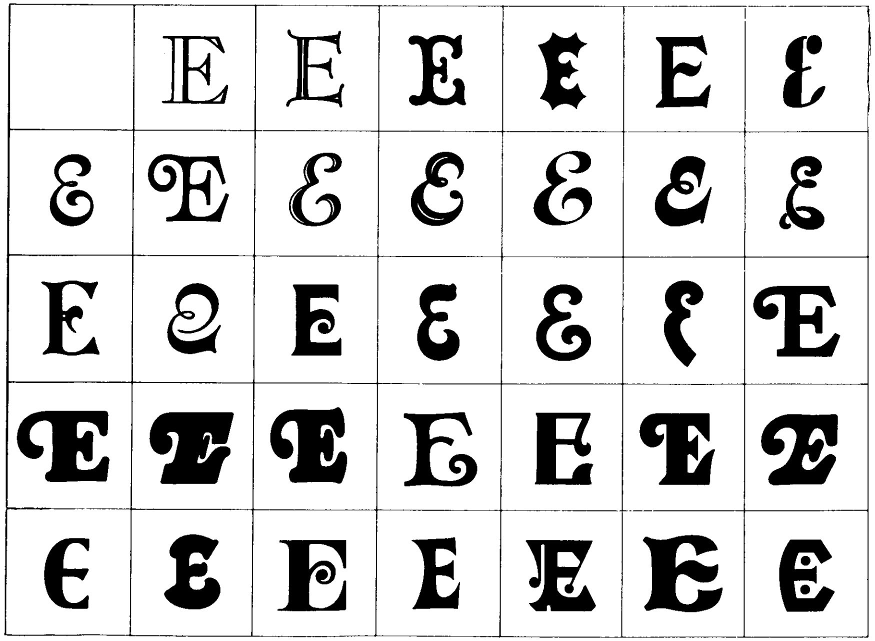
280




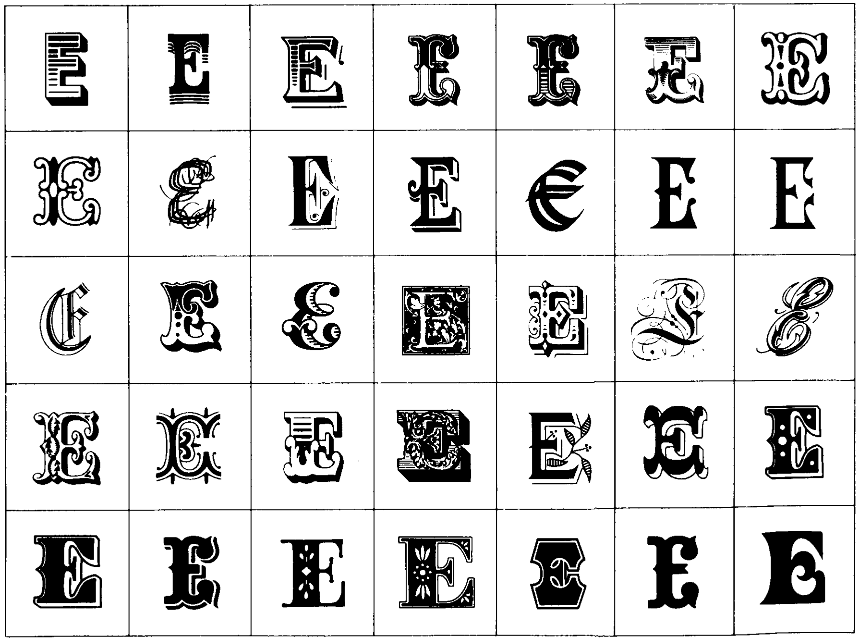
42



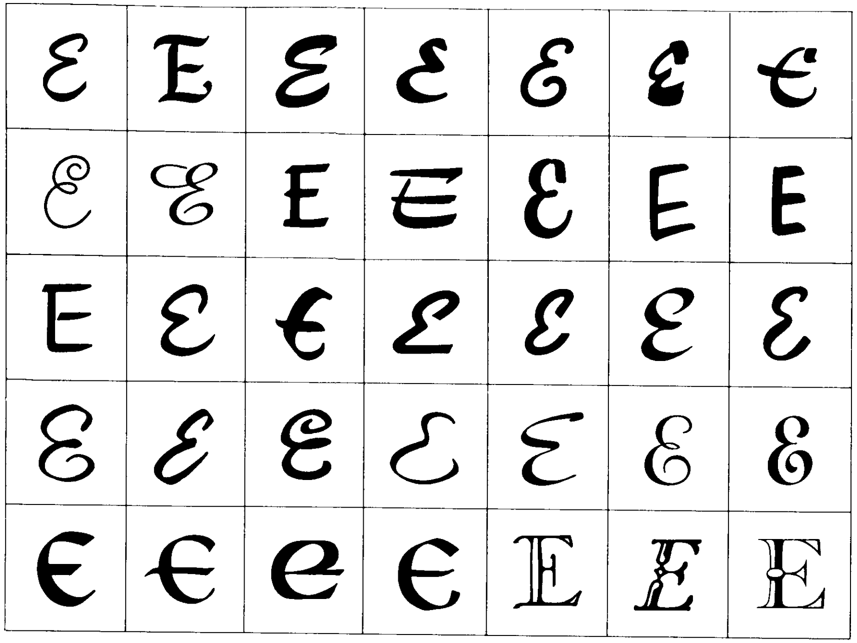
43



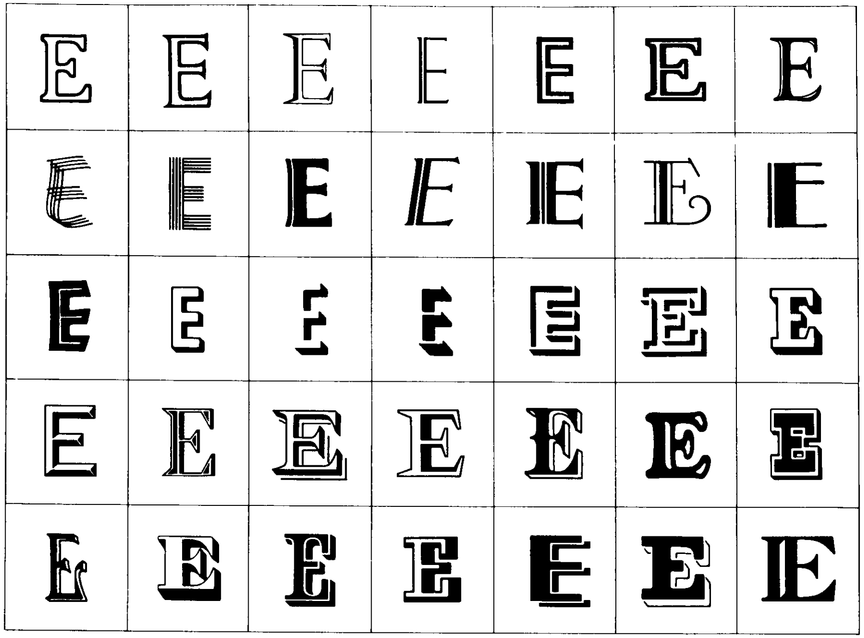
44



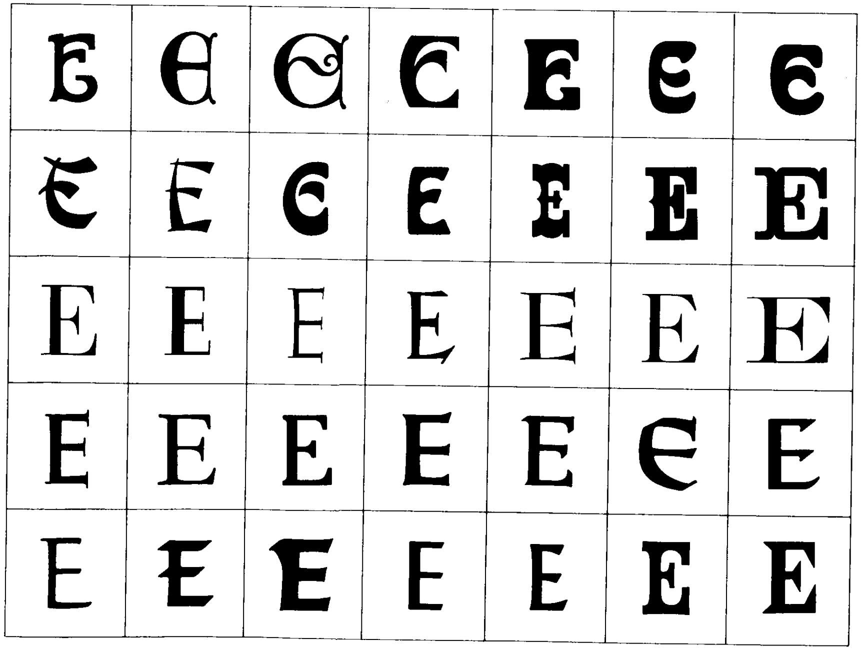
45



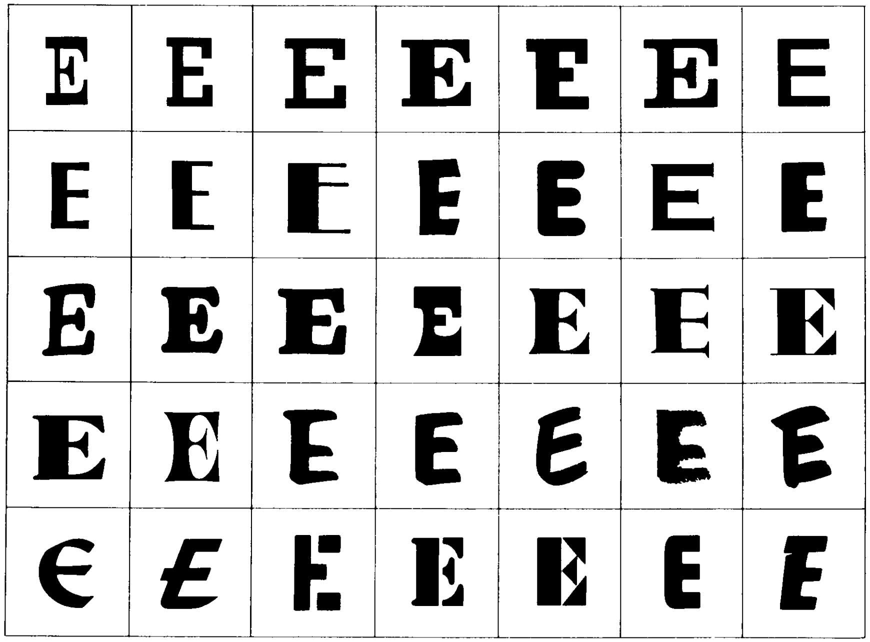
46



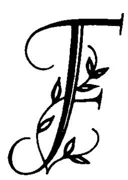
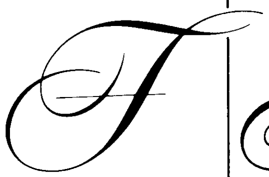
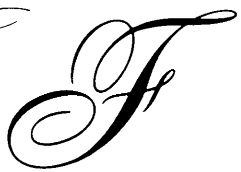
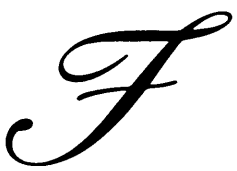
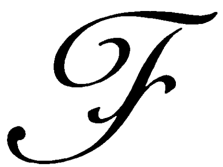
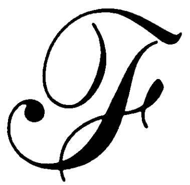
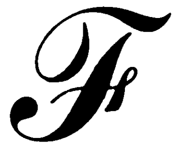
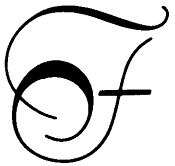
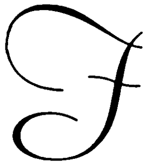
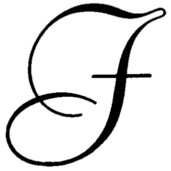
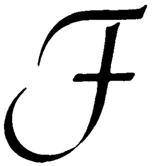
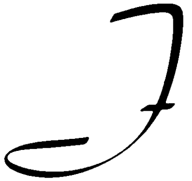
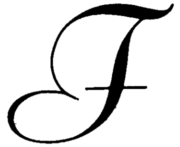
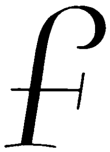
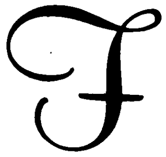
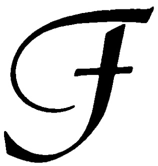
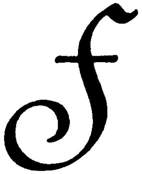
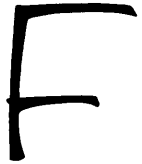
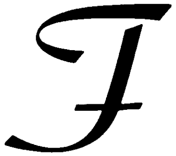
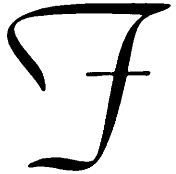
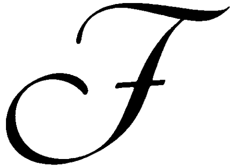
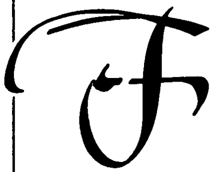
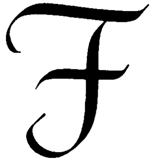
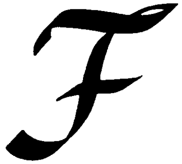
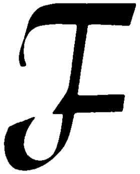
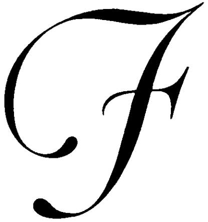
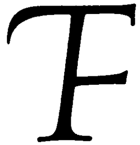
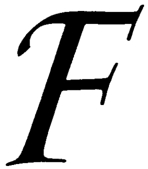
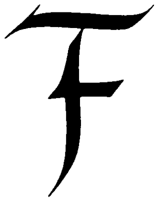
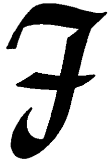
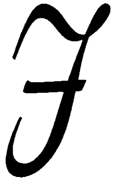
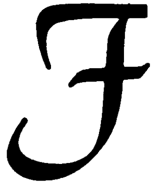
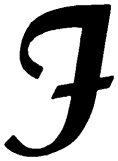
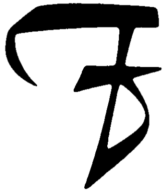
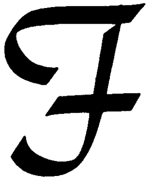
47



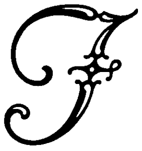
48



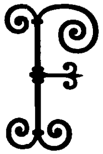
49

1

2

3

4

5

6

7

8

9

10

11

12

13

14

15

16

17

18

19

20

21

22

23

24

25

26

27

28

29

30

31

32

33

34

35


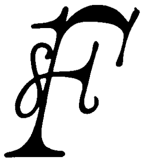
36



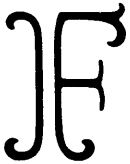
37



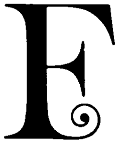
38



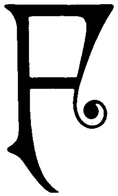
39



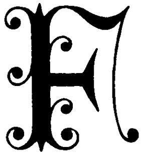
40



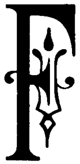
41



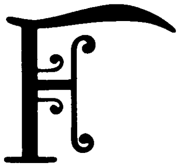
42



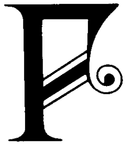
43



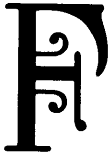
44



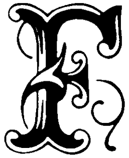
45



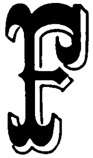
46



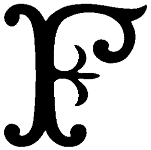
47



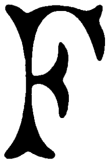
48



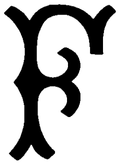
49



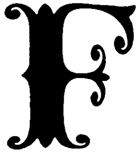
50



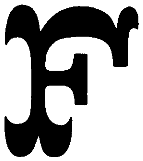
51



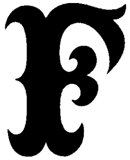
52



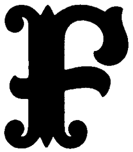
53



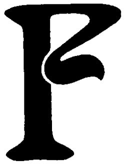
54



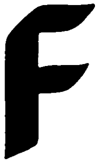
55



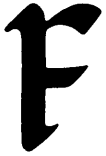
56



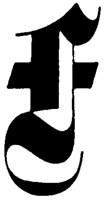
57



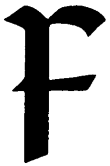
58



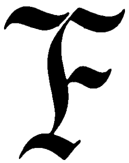
59



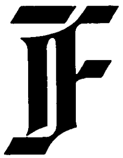
60



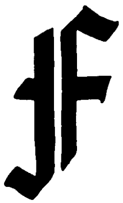
61



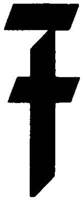
62



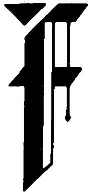
63



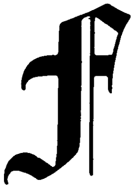
64



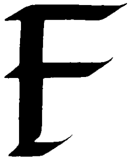
65



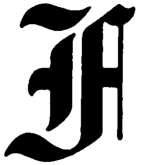
66



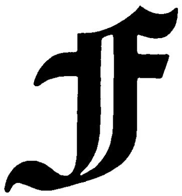
67



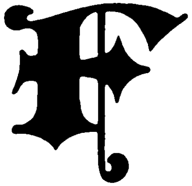
68

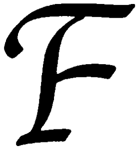
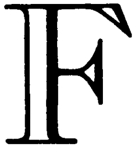
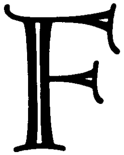
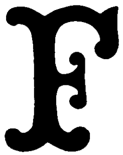
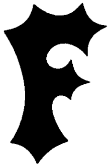
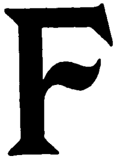
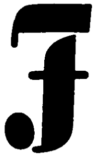
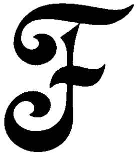
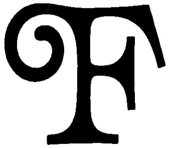
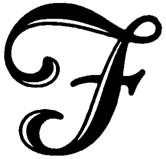
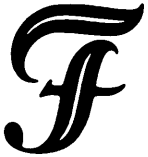
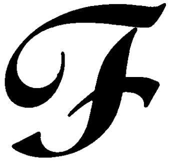
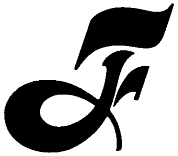
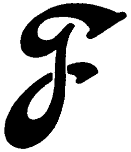
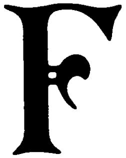
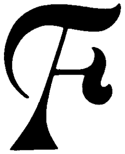
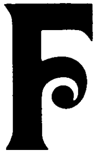
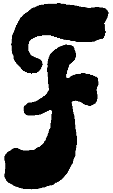
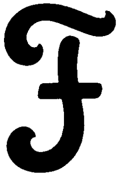
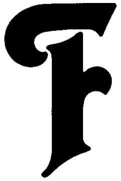
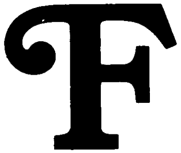
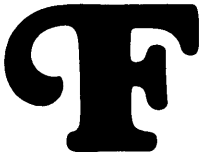
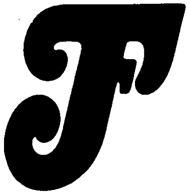
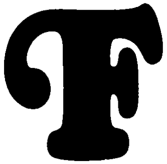
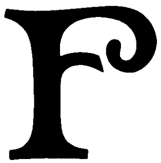
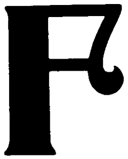
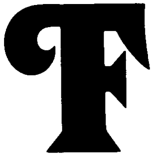
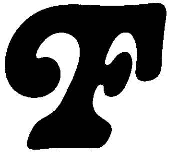
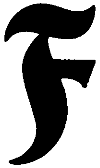
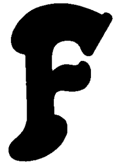
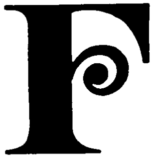
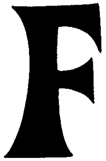
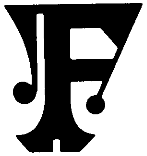
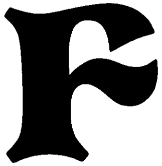
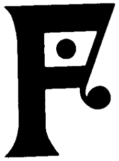


69

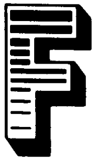


70

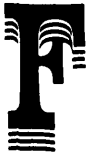


71

72

73

74

75

76

77

78

79

80

81

82

83

84

85

86

87

88

89

90

91

92

93

94

95

96

97

98

99

100

101

102

103

104

105


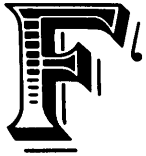
106



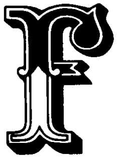
107



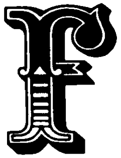
108



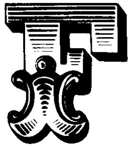
109



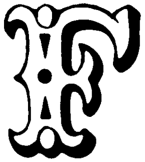
110



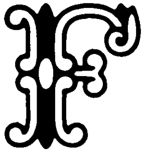
111



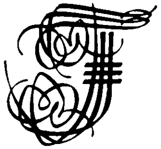
112



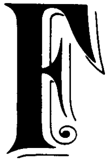
113



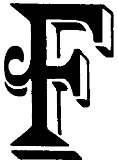
114



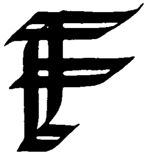
115



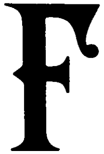
116



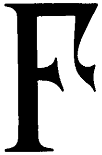
117



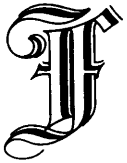
118



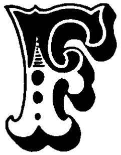
119



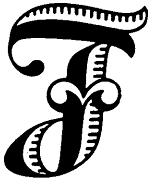
120



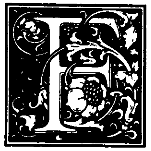
121



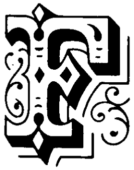
122



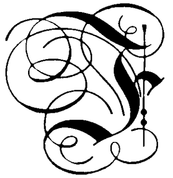
123



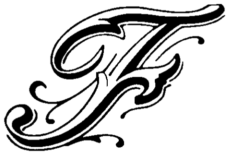
124



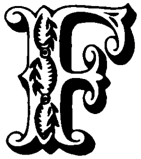
125



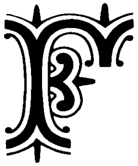
126



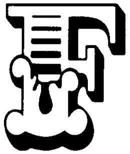
127



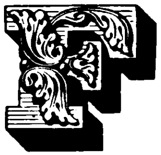
128



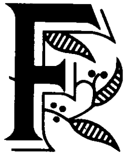
129



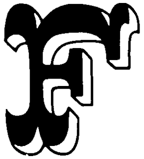
130



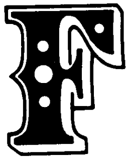
131



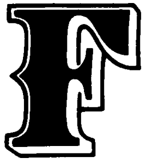
132



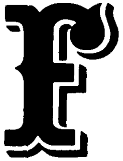
133



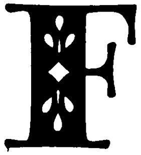
134



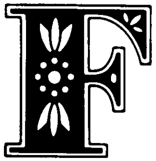
135



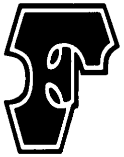
136



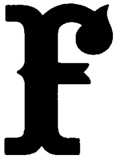
137



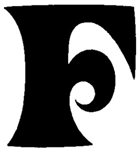
138



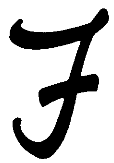
139



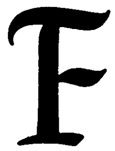
140



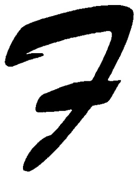
141



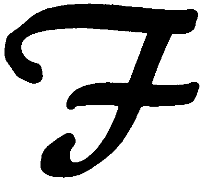
142



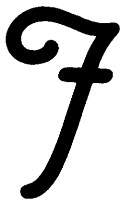
143



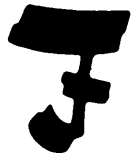
144



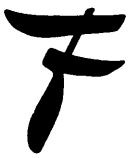
145



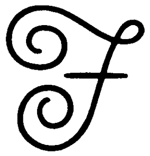
146



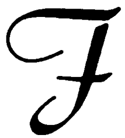
147



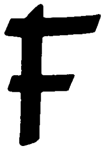
148



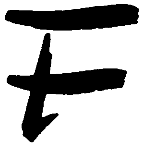
149



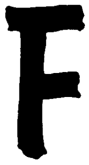
150



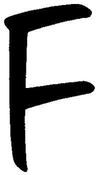
151



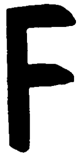
152



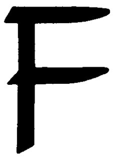
153



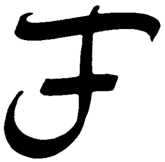
154



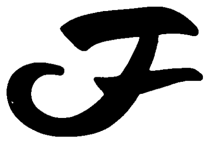
155



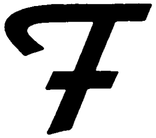
156



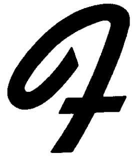
157



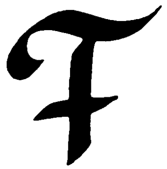
158



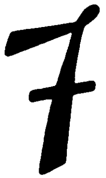
159



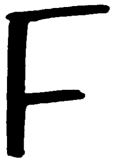
160



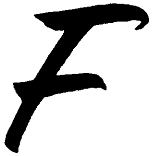
161



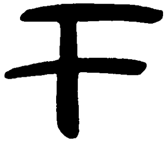
162



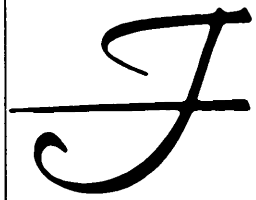
163



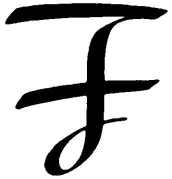
164



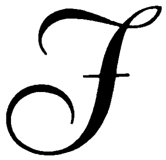
165



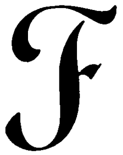
166



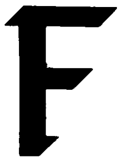
167



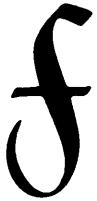
168



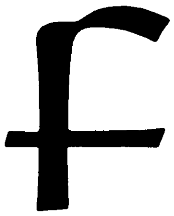
169



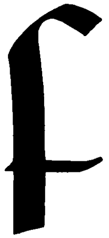
170



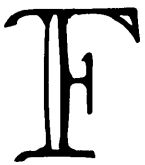
171



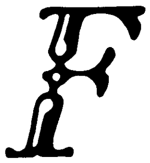
172



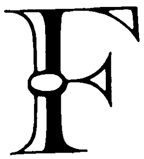
173



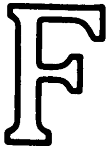
174



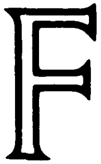
175



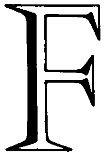
176



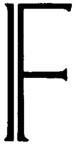
177



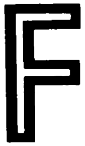
178



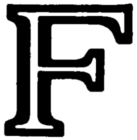
179



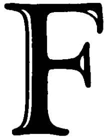
180



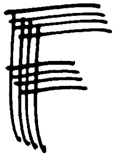
181



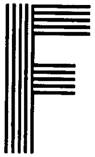
182



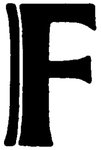
183



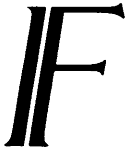
184



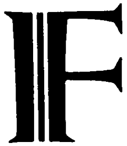
185



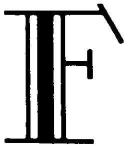
186



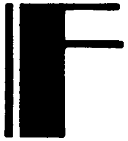
187



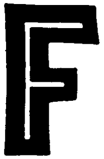
188



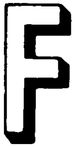
189



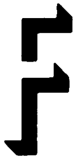
190



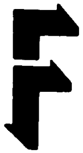
191



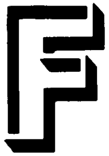
192



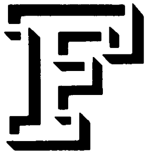
193



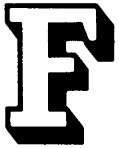
194



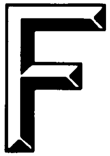
195



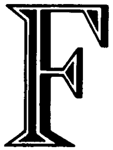
196



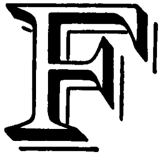
197



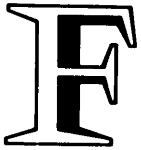
198



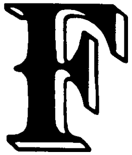
199



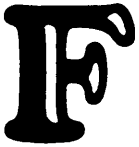
200



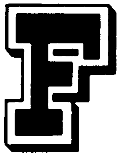
201



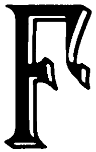
202



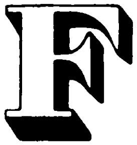
203



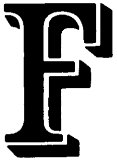
204



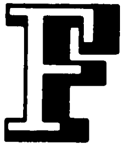
205



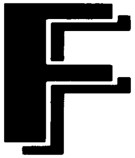
206



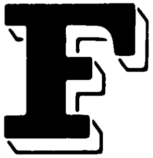
207



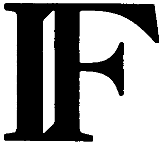
208

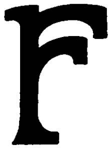
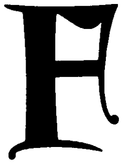
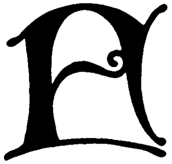
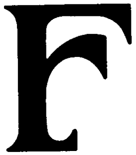
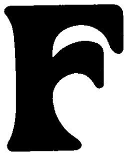
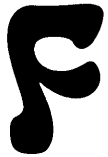
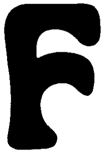
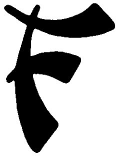
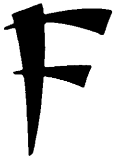
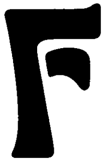
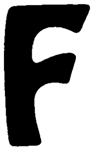
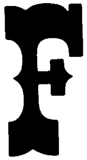
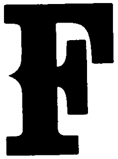
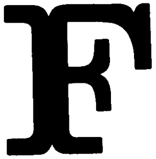
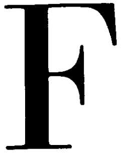
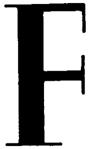
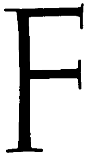
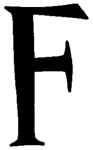
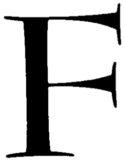
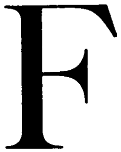
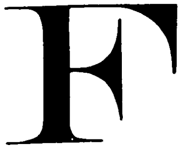
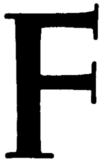
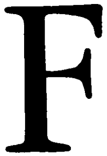
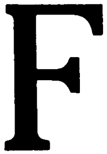
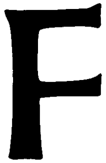
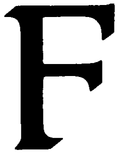
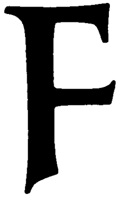
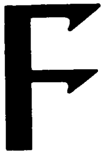
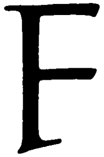
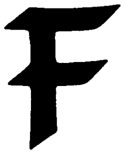
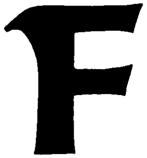
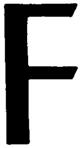
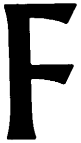
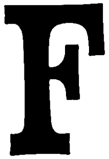
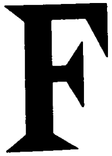


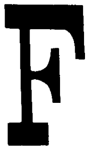
209

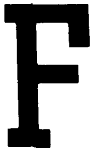


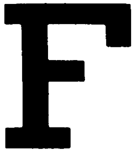
210

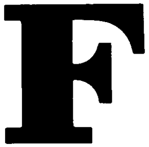


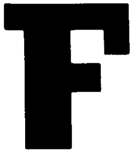
211

212

213

214

215

216

217

218

219

220

221

222

223

224

225

226

227

228

229

230

231

232

233

234

235

236

237

238

239

240

241

242

243

244

245


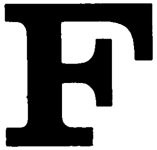
246


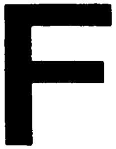
247


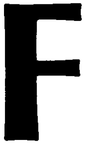
248


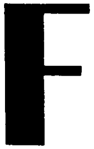
249


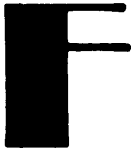
250


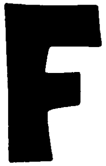
251


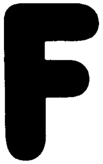
252


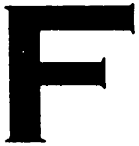
253


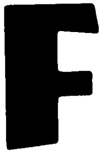
254


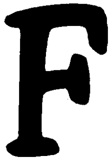
255


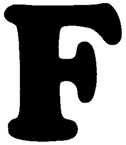
256


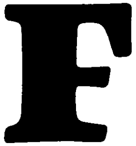
257


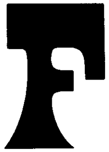
258


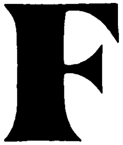
259


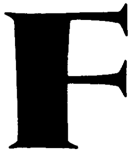
260


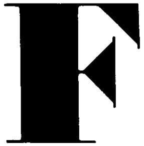
261


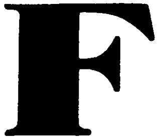
262


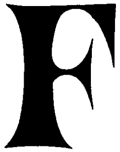
263


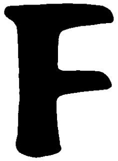
264


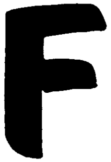
265


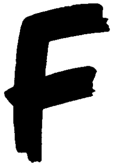
266


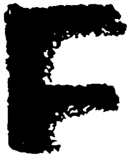
267


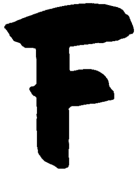
268


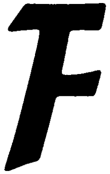
269


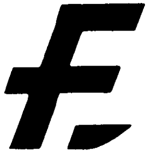
270


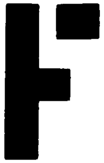
271


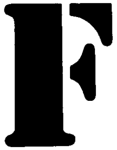
272


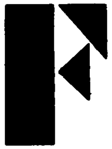
273


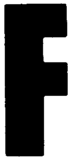
274


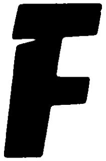
275


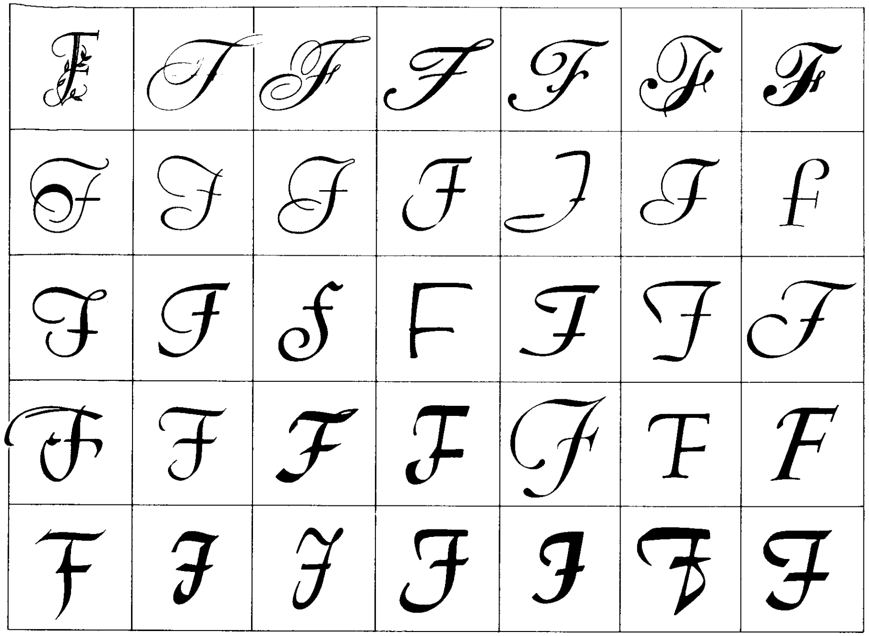
276


277


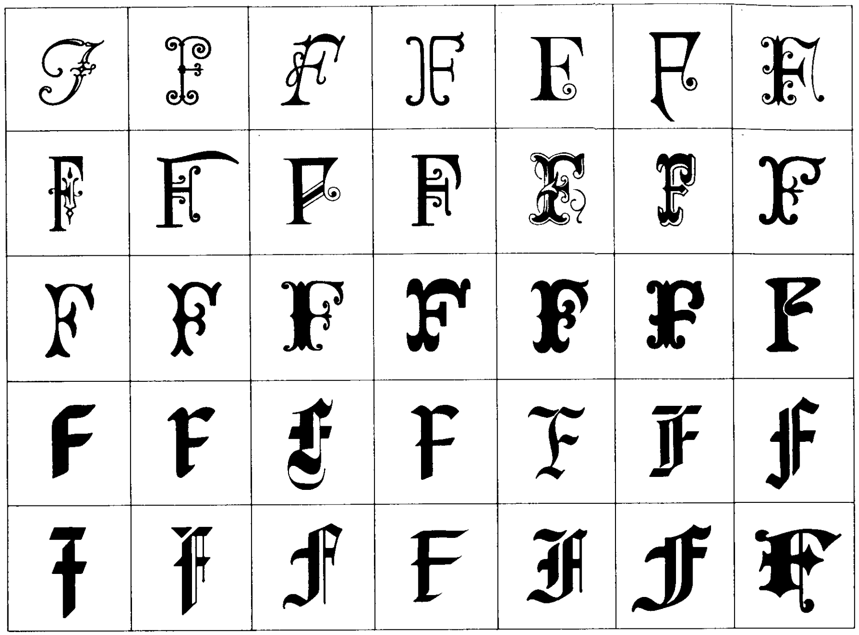
278


279


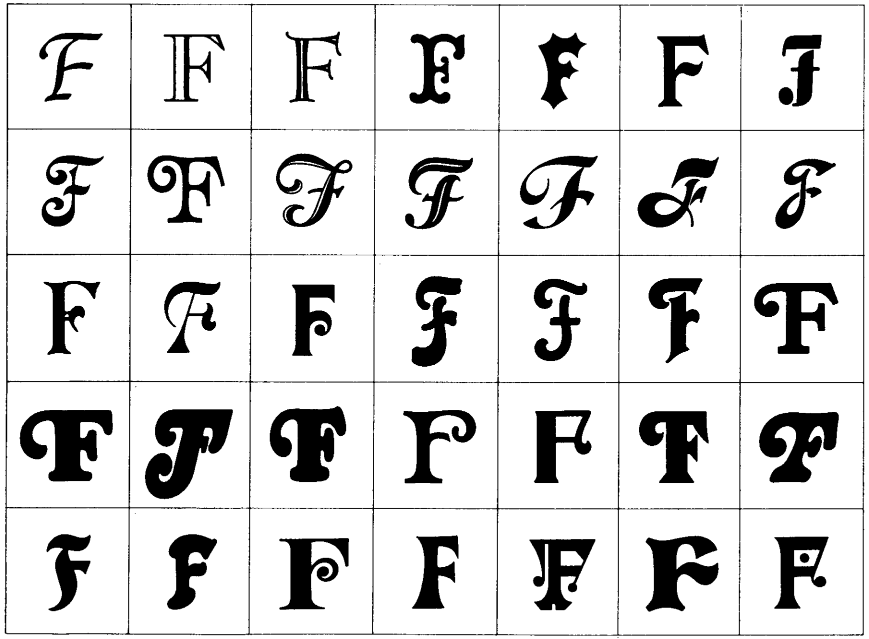
280




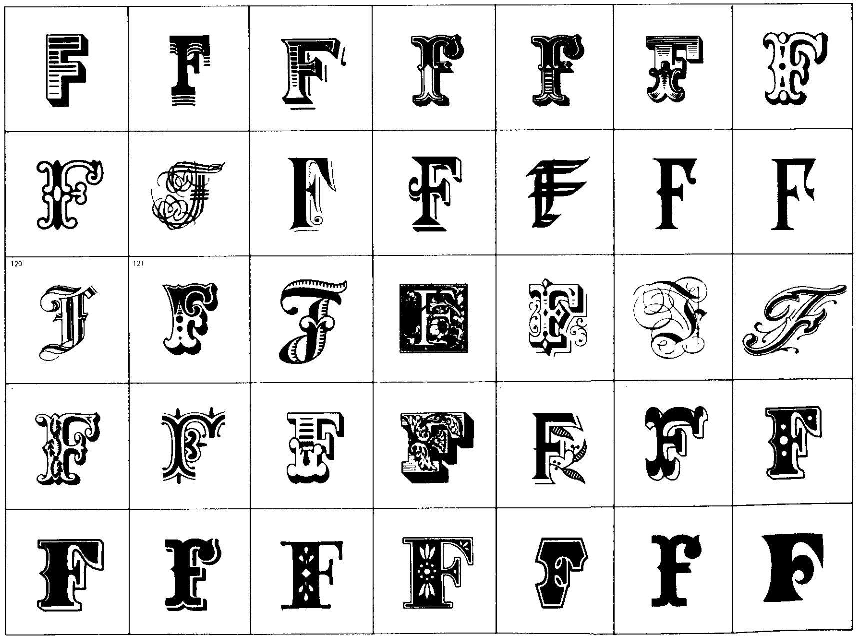
52



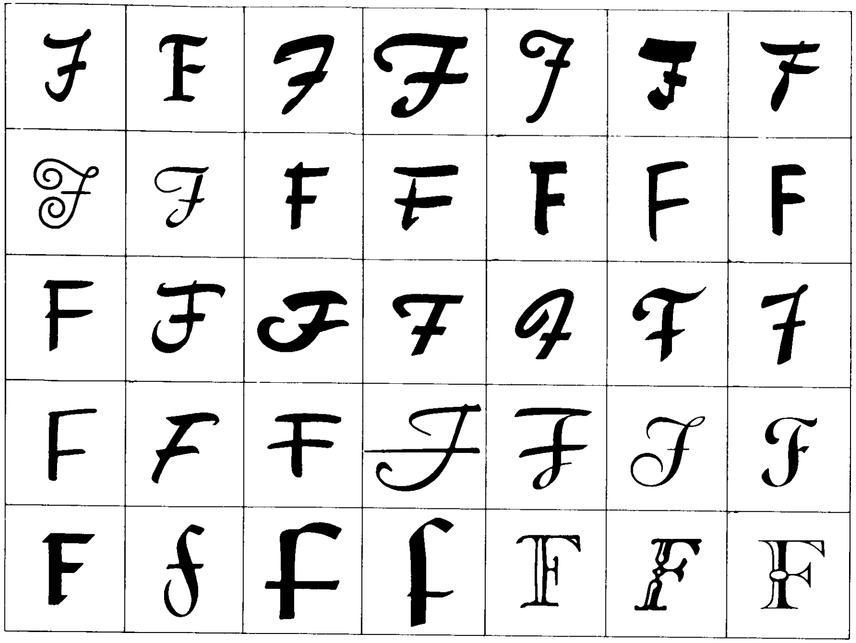
53



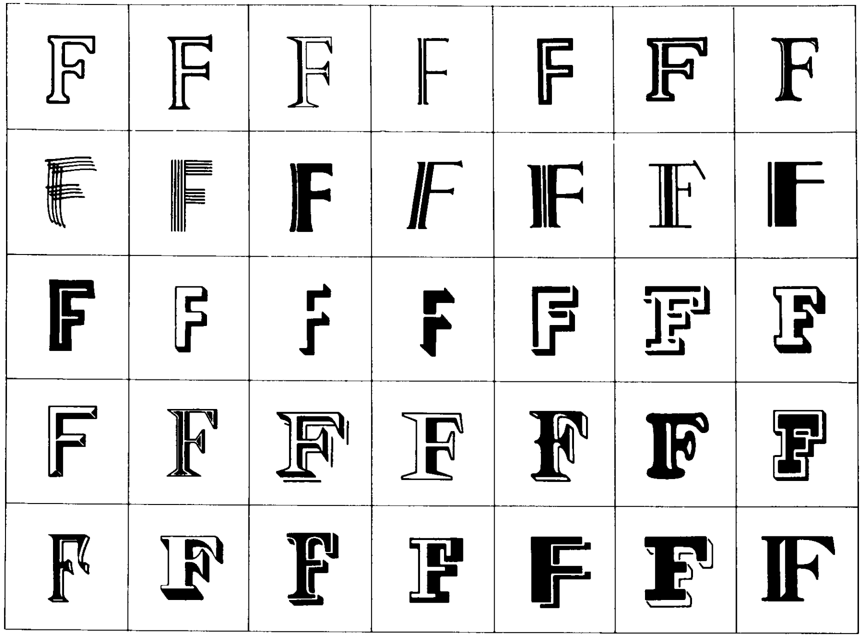
54



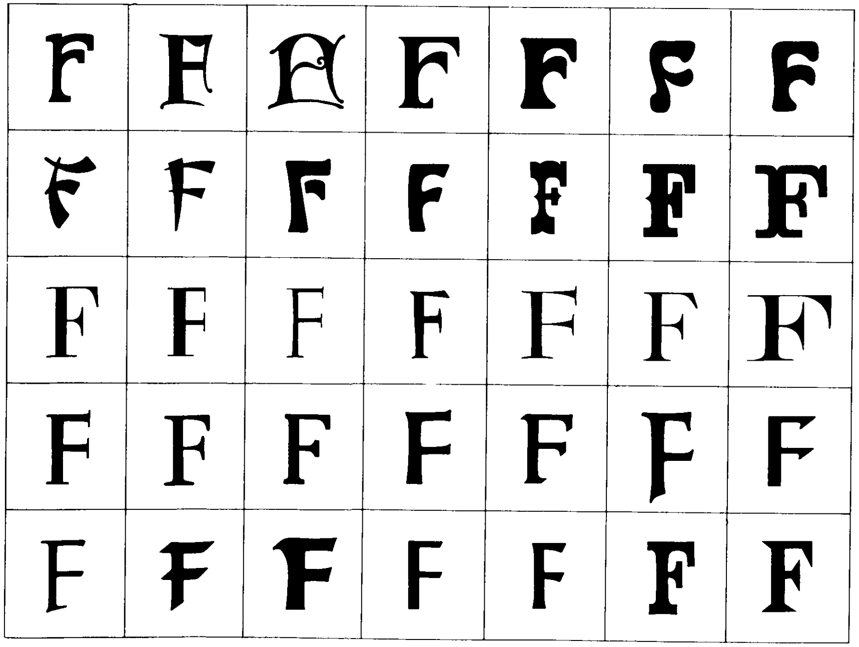
55



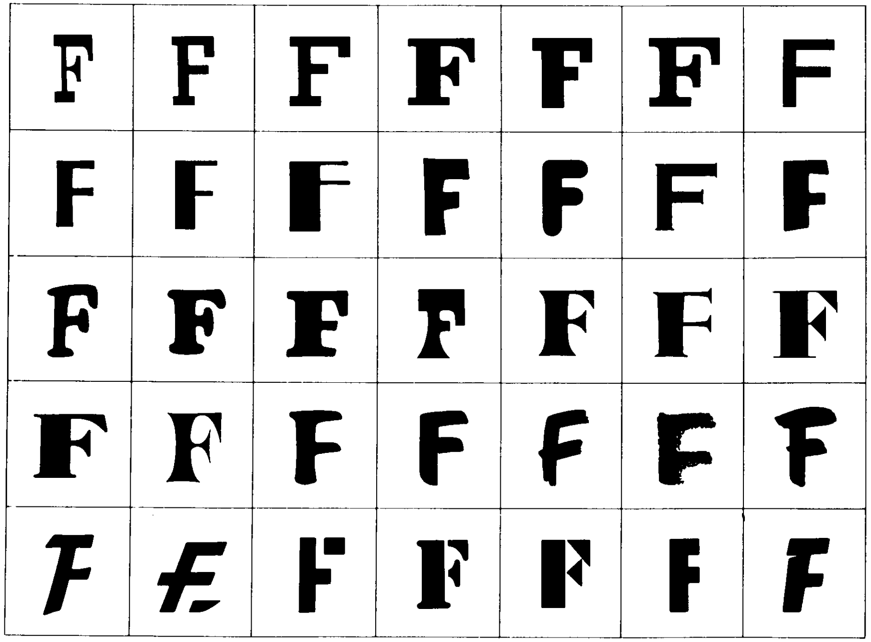
56



57

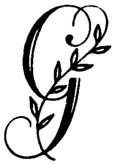


58

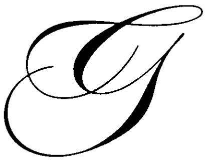


59

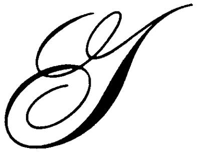
1



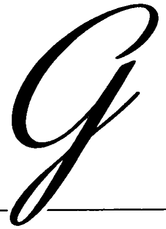
2



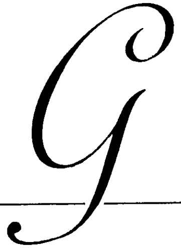
3



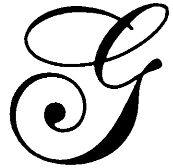
4



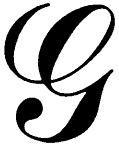
5



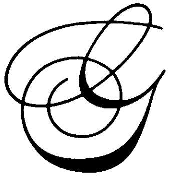
6



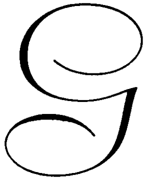
7



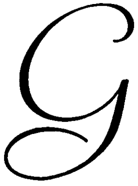
8



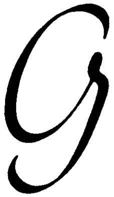
9



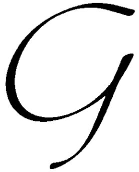
10



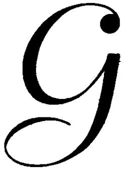
11



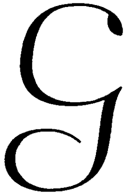
12



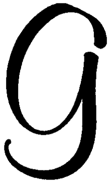
13



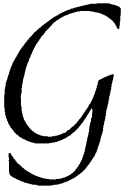
14



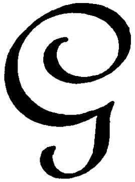
15



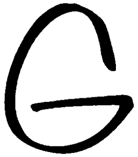
16



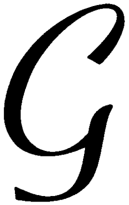
17



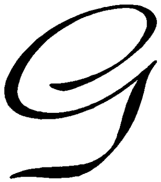
18



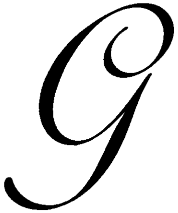
19



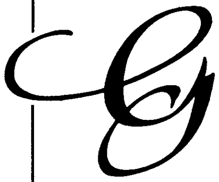
20



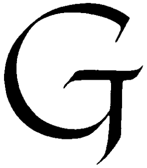
21



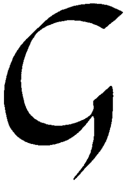
22



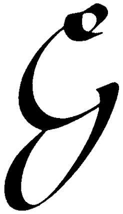
23



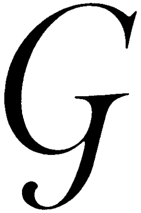
24



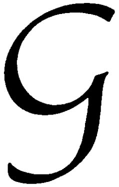
25



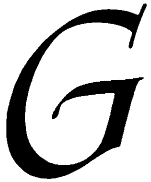
26



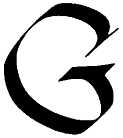
27



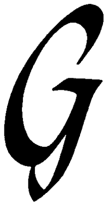
28



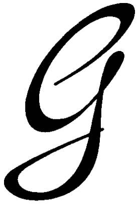
29



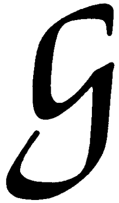
30



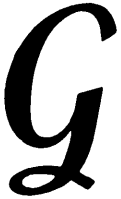
31



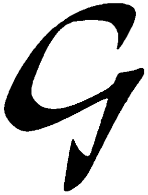
32



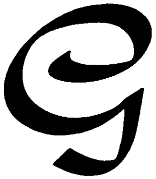
33



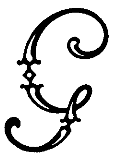
34



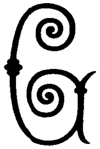
35



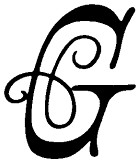
36



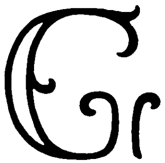
37



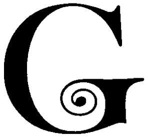
38



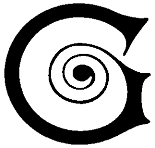
39



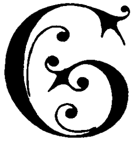
40



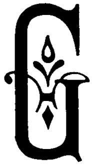
41



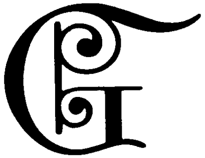
42



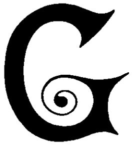
43



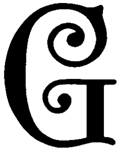
44



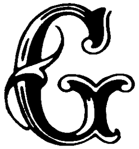
45



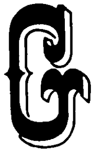
46



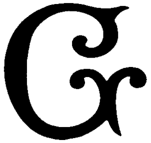
47



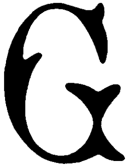
48



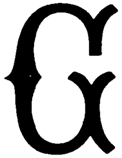
49



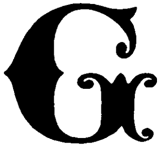
50



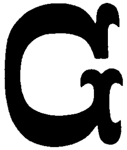
51



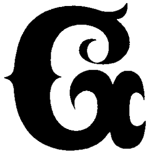
52



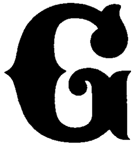
53



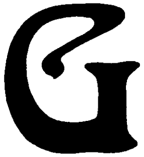
54



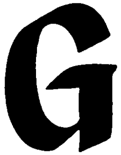
55



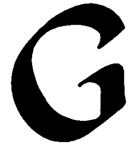
56



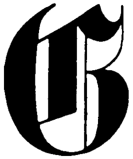
57



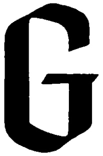
58



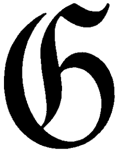
59



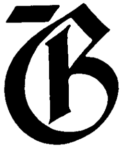
60



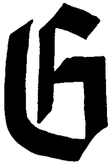
61



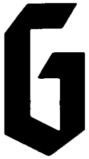
62



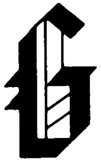
63



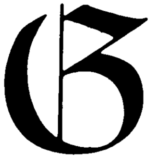
64



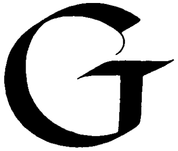
65



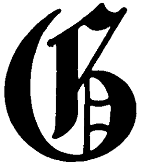
66



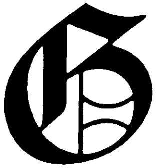
67



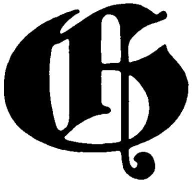
68



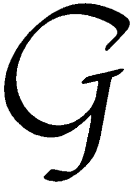
69



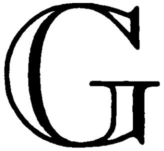
70



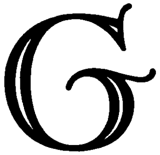
71



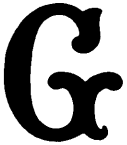
72



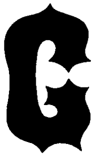
73



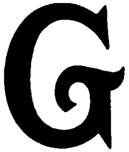
74



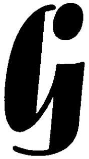
75



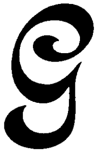
76



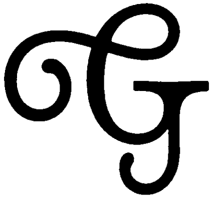
77



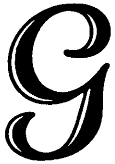
78



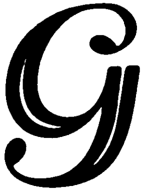
79



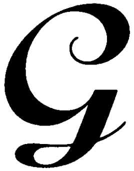
80



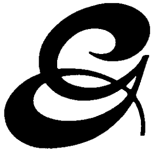
81



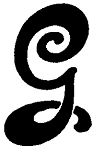
82



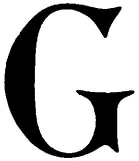
83



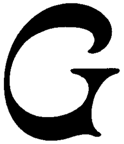
84



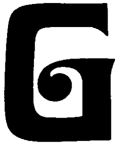
85



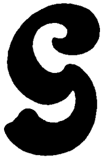
86



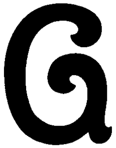
87



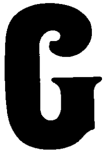
88



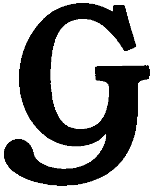
89



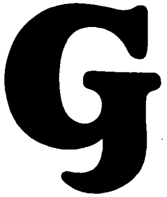
90



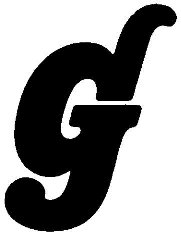
91



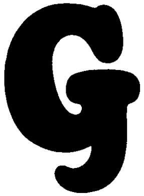
92



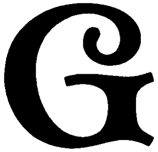
93



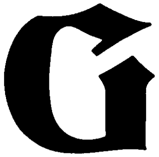
94



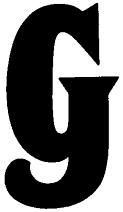
95



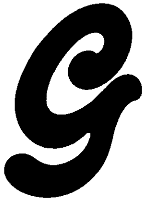
96



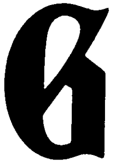
97



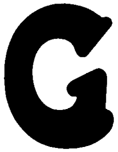
98



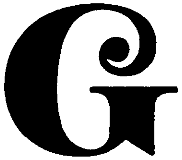
99



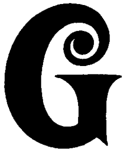
100



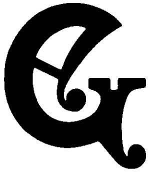
101



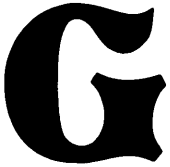
102



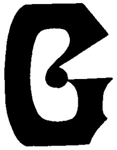
103

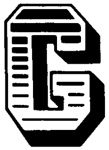


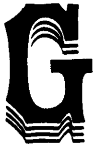
104

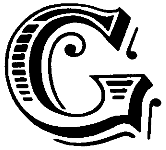


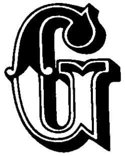
105

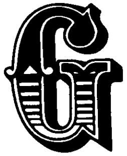


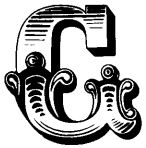
106


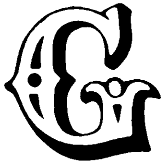
107


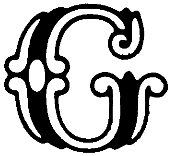
108


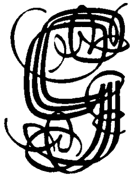
109


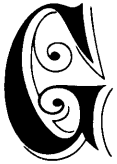
110


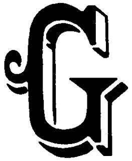
111


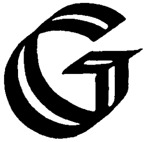
112


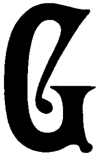
113


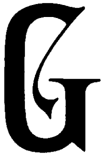
114


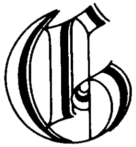
115


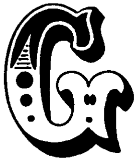
116


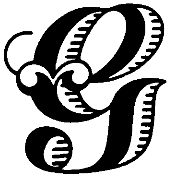
117


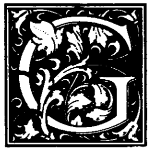
118


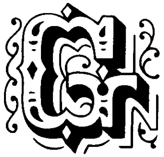
119


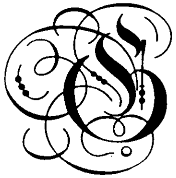
120


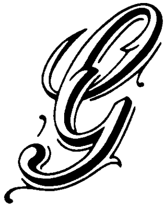
121


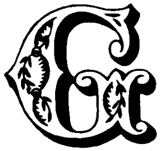
122


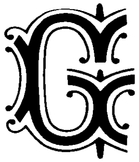
123


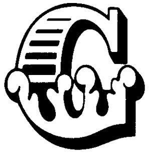
124


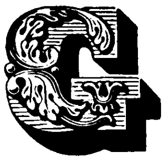
125


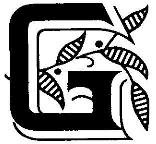
126


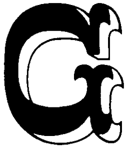
127


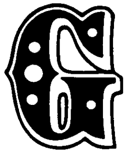
128


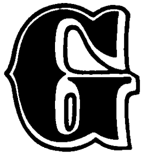
129


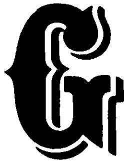
130


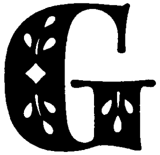
131


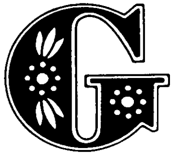
132


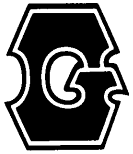
133


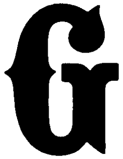
134


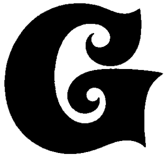
135


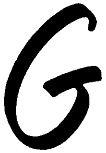
136


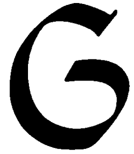
137


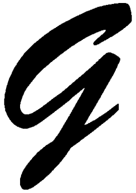
138


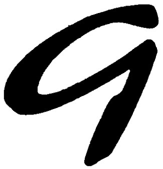
139


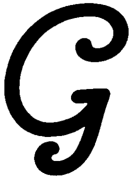
140


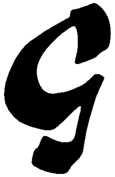
141


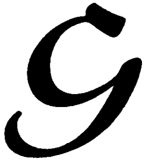
142


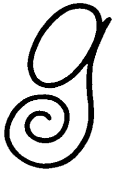
143


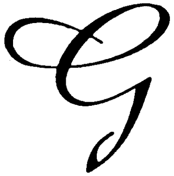
144


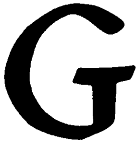
145


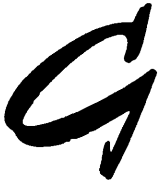
146


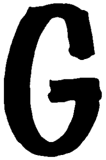
147


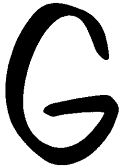
148


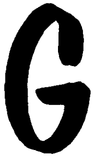
149


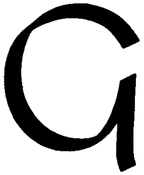
150


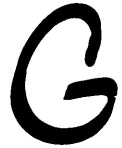
151


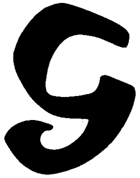
152


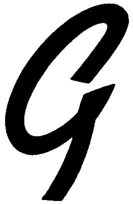
153


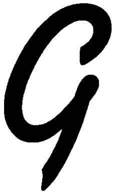
154


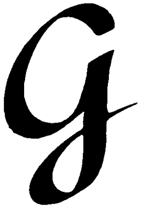
155


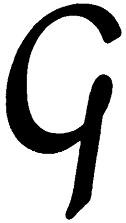
156


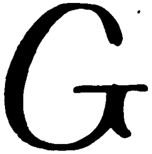
157


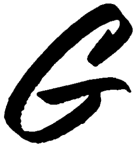
158


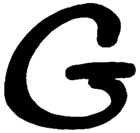
159


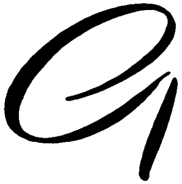
160


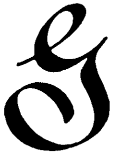
161


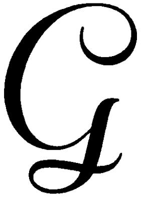
162


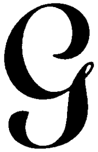
163


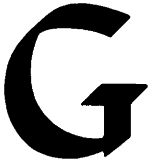
164


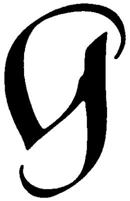
165


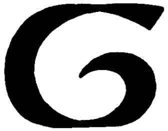
166


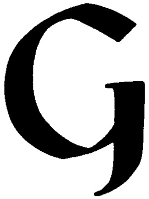
167


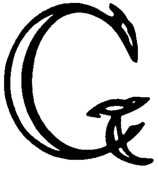
168


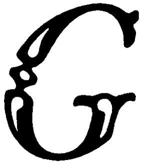
169


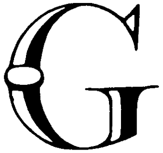
170


171


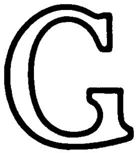
172


173


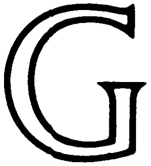
174


175


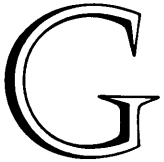
176



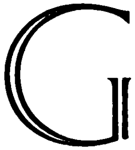
177



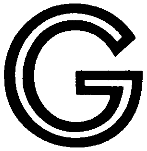
178



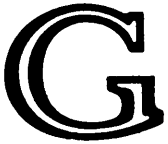
179



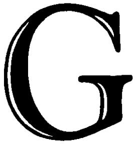
180



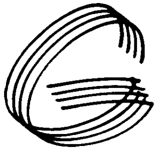
181



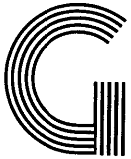
182



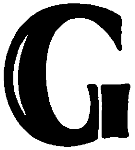
183



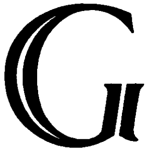
184



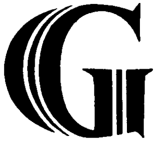
185



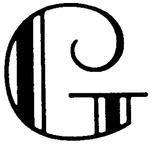
186



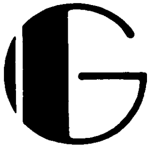
187



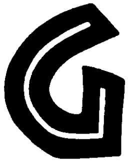
188



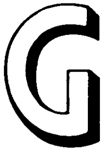
189



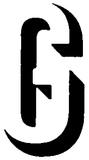
190



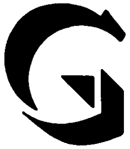
191



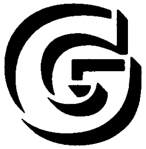
192



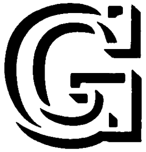
193



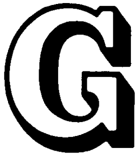
194



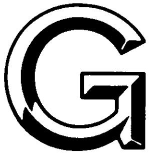
195



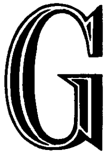
196



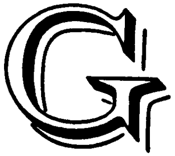
197



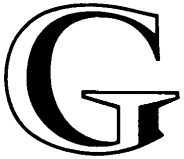
198



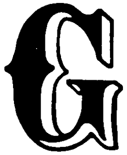
199



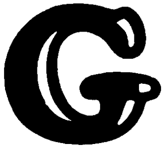
200



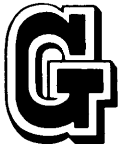
201



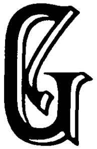
202



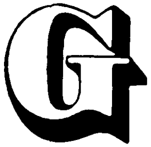
203



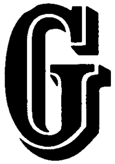
204



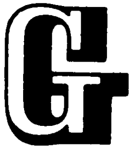
205



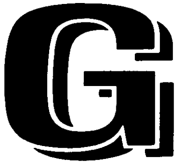
206



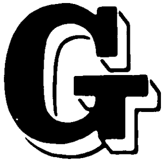
207



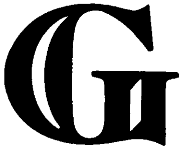
208

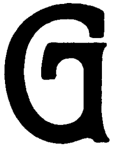


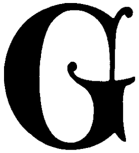
209

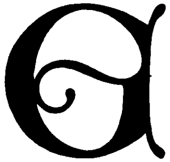


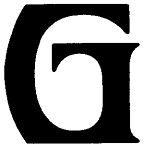
210

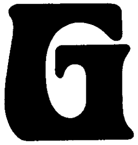


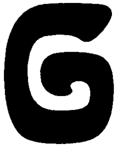
211


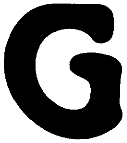
212


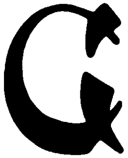
213


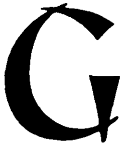
214


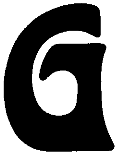
215


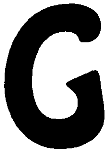
216


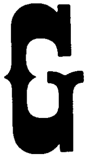
217


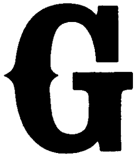
218


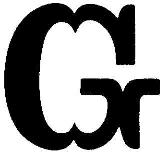
219


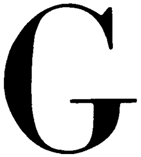
220


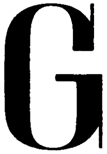
221


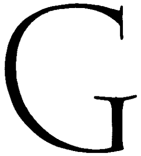
222


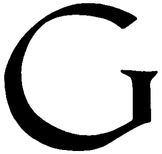
223


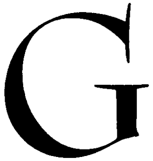
224


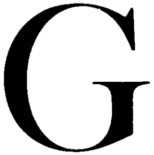
225


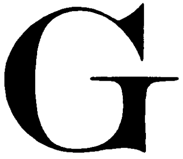
226


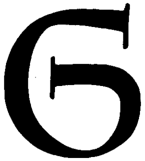
227


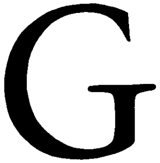
228


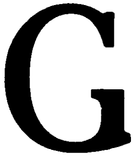
229


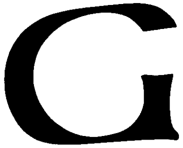
230


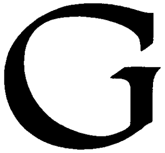
231


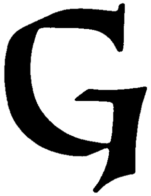
232


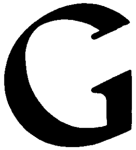
233


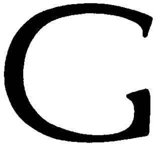
234


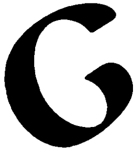
235


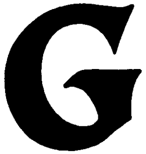
236


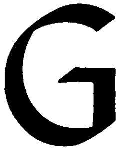
237


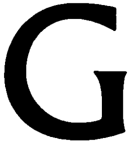
238


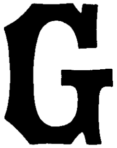
239


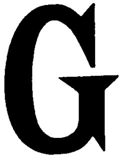
240


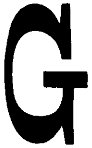
241


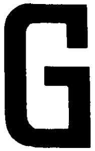
242


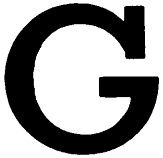
243


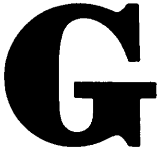
244


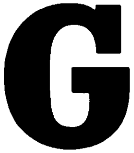
245


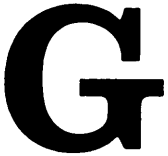
246


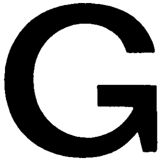
247


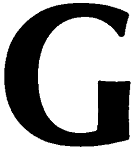
248


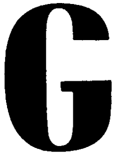
249


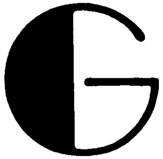
250


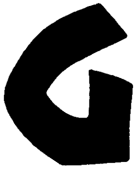
251


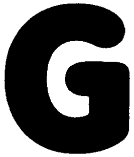
252


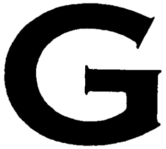
253


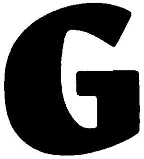
254


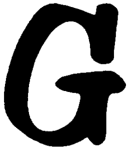
255


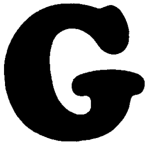
256


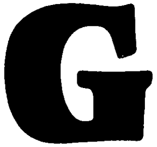
257


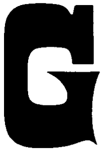
258


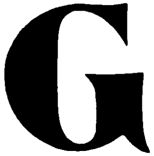
259


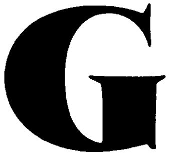
260


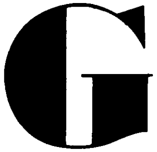
261


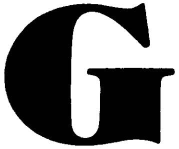
262


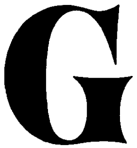
263


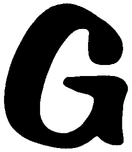
264


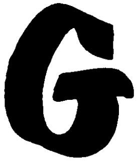
265


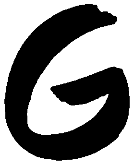
266


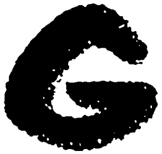
267


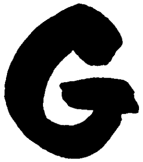
268


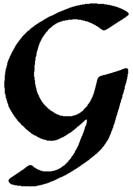
269


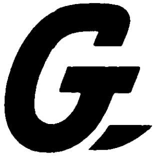
270


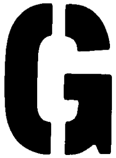
271


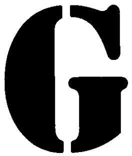
272


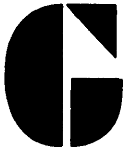
273


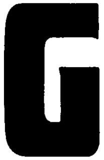
274


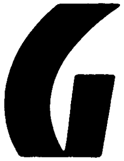
275


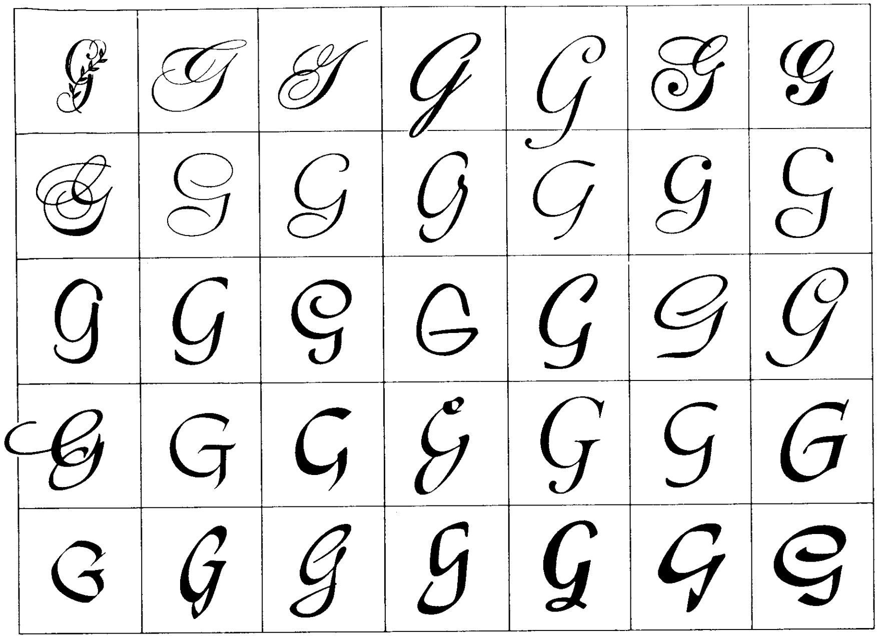
276


277


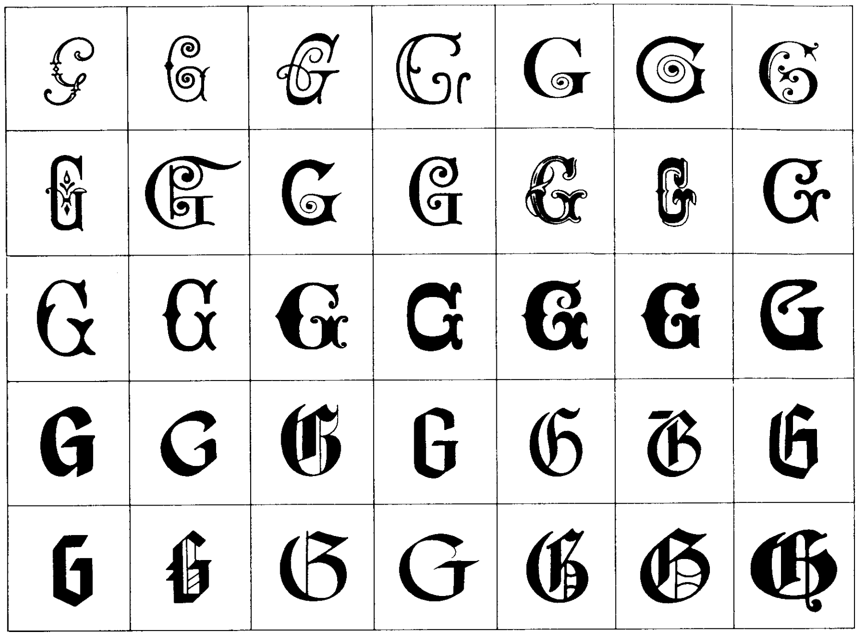
278


279


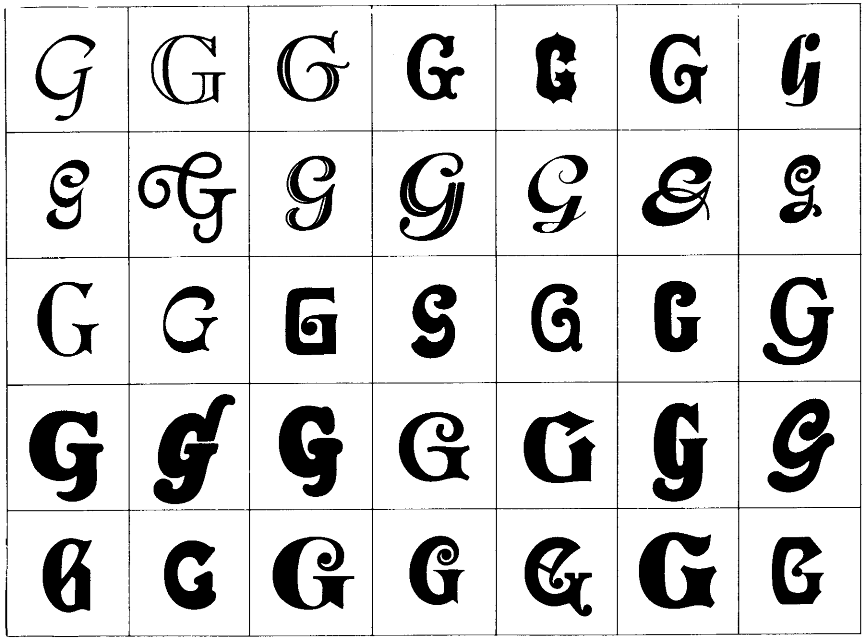
280




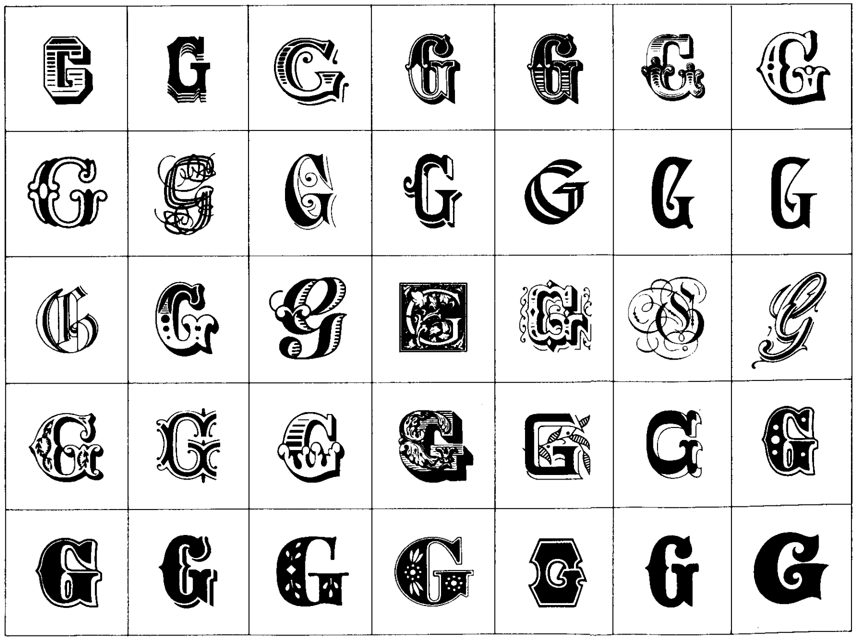
62



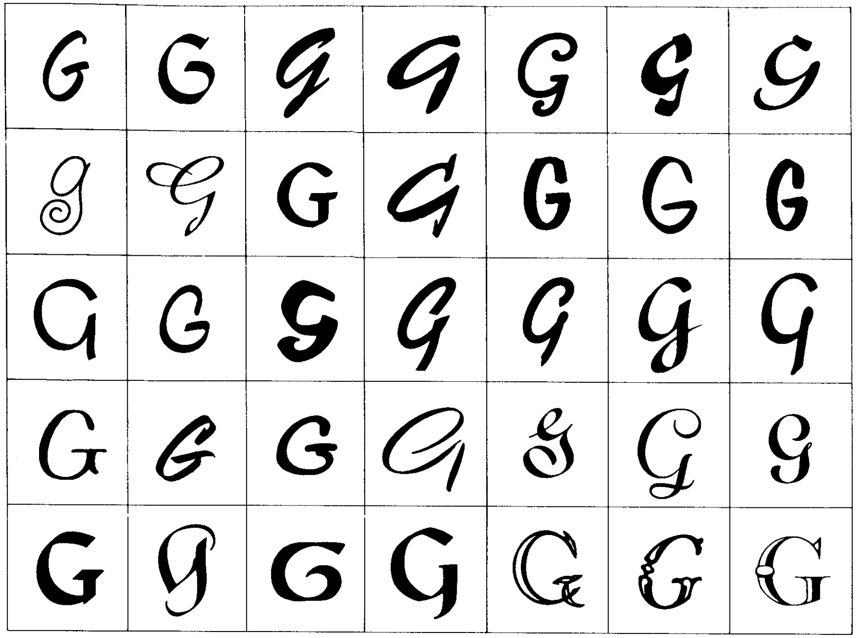
63



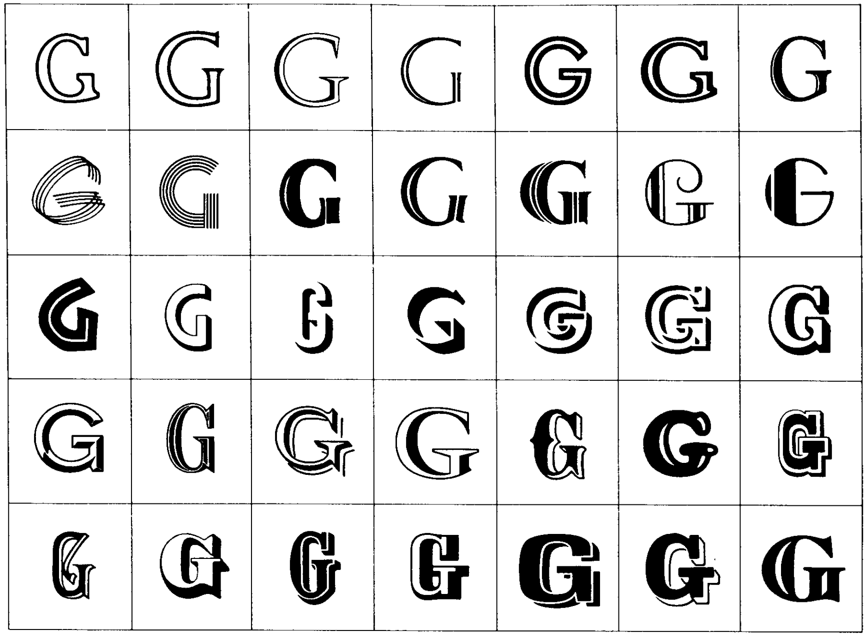
64



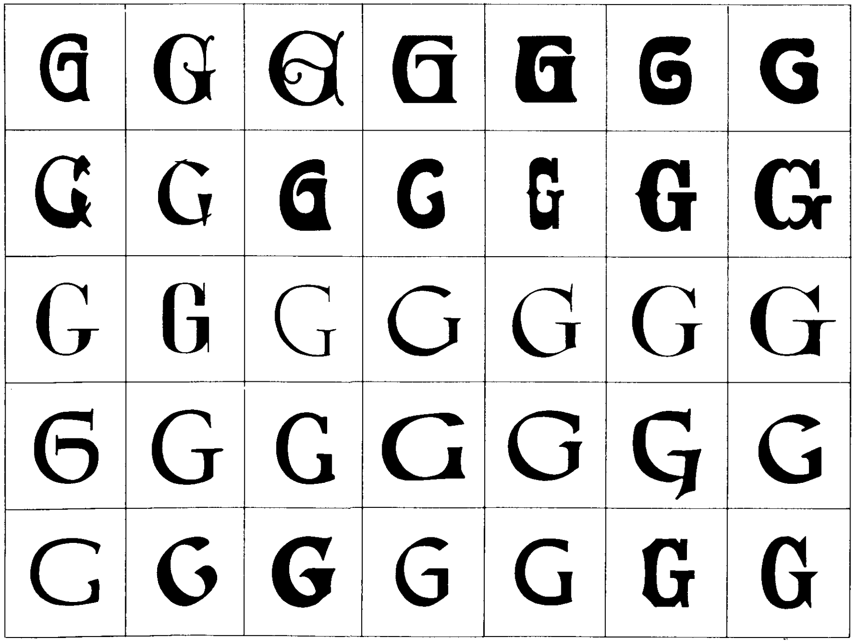
65



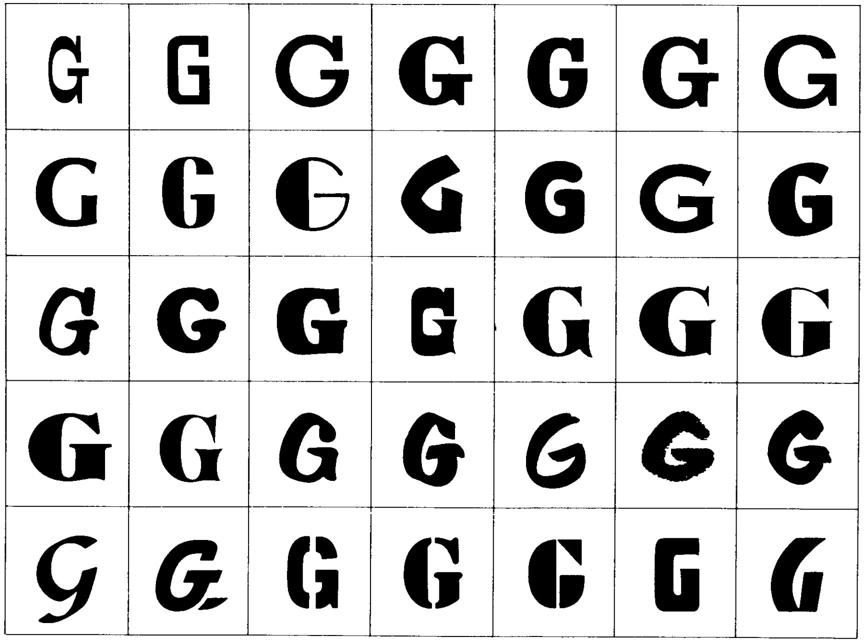
66



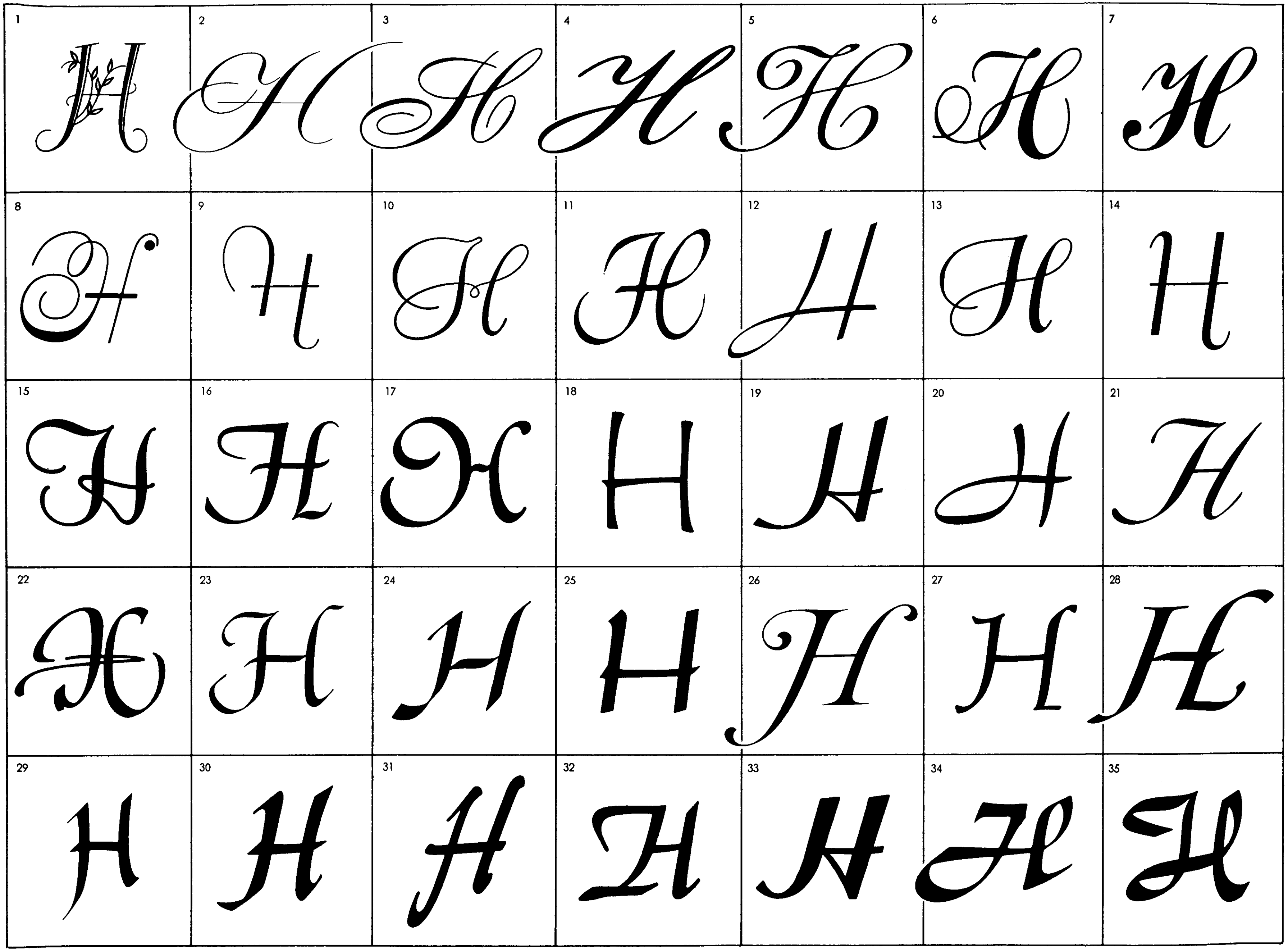
67



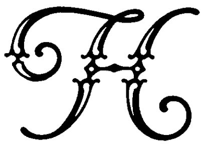
68



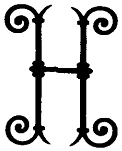
69


1
2
3
4
5
6
7
8
9
10
11
12
13
14
15
16
17
18
19
20
21
22
23
24
25
26
27
28
29
30
31
32
33
34
35

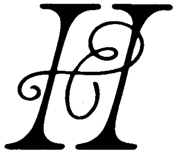
36



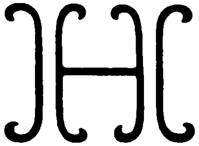
37



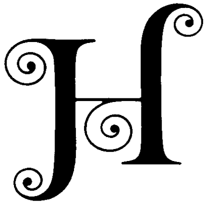
38



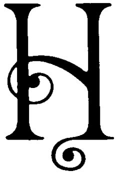
39



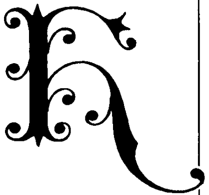
40



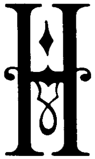
41



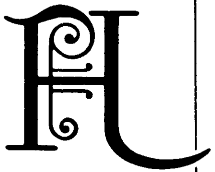
42



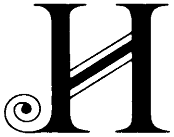
43



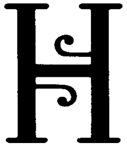
44



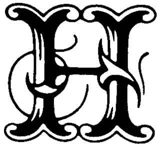
45



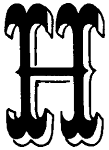
46



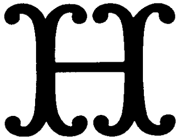
47



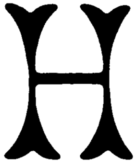
48



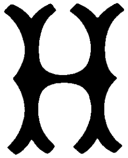
49



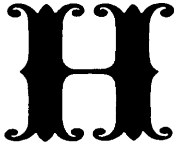
50



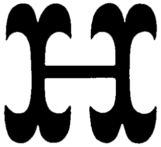
51



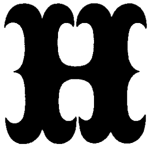
52



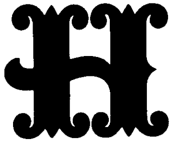
53



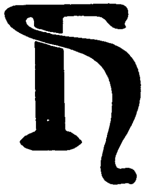
54



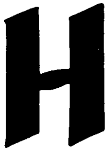
55



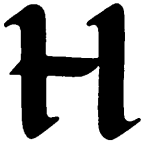
56



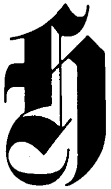
57



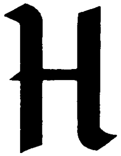
58



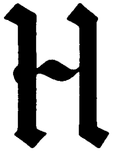
59



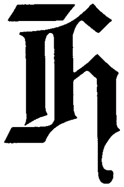
60



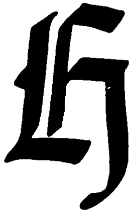
61



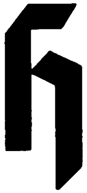
62



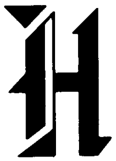
63



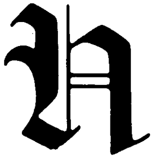
64



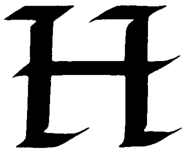
65



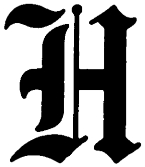
66



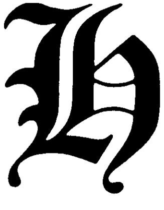
67



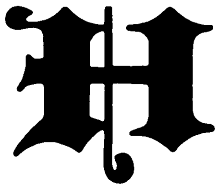
68



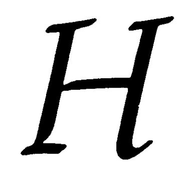
69



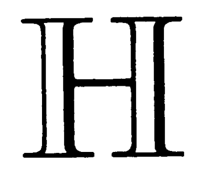
70



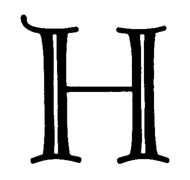
71



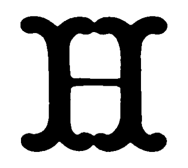
72



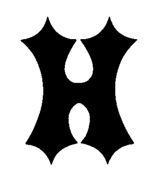
73



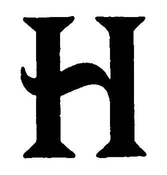
74



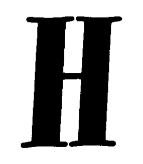
75



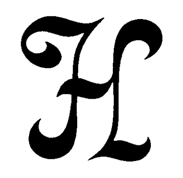
76



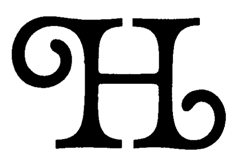
77



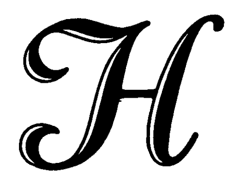
78



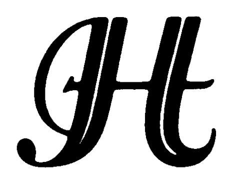
79



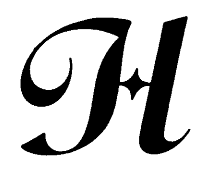
80



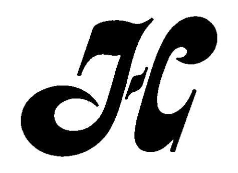
81



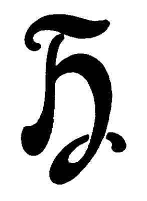
82



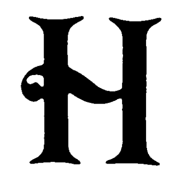
83



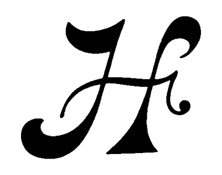
84



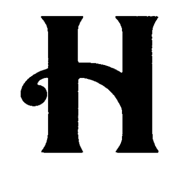
85



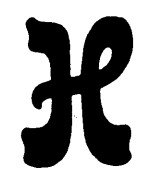
86



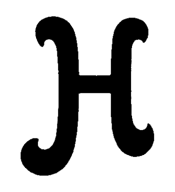
87



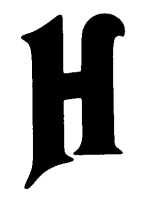
88



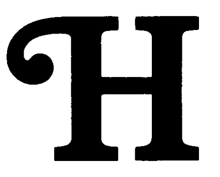
89



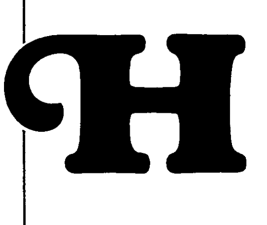
90



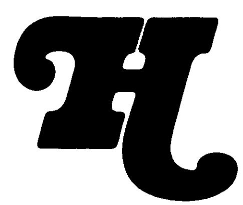
91



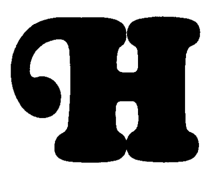
92



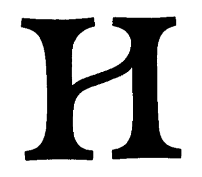
93



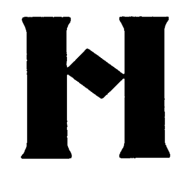
94



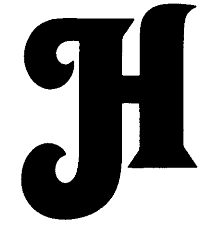
95



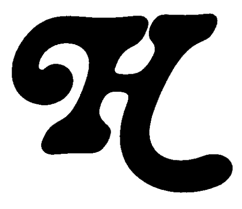
96



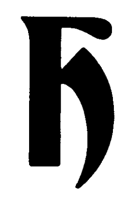
97



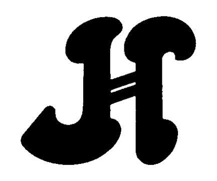
98



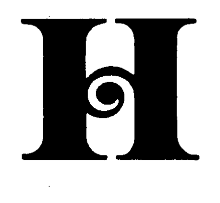
99



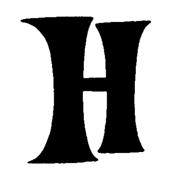
100



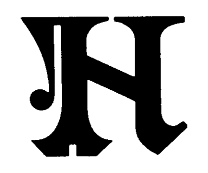
101



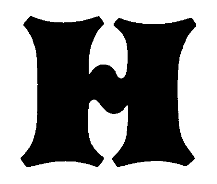
102



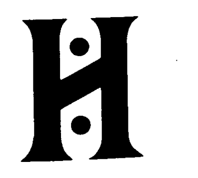
103



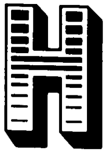
104



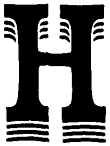
105



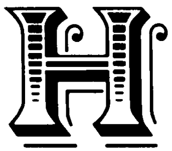
106



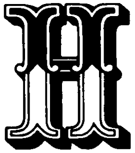
107



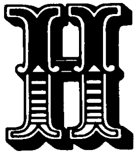
108



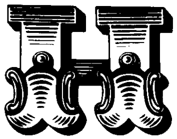
109



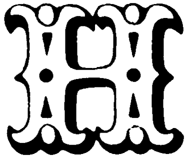
110



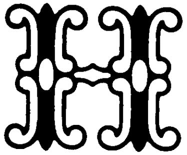
111



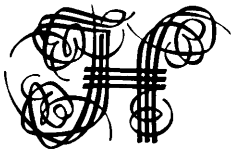
112



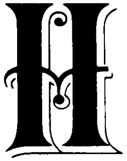
113



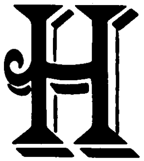
114



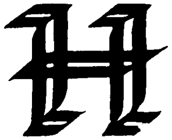
115



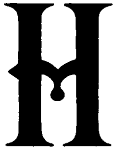
116



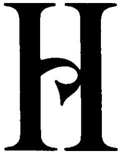
117



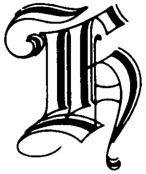
118



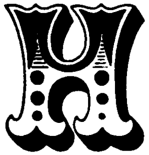
119



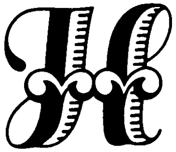
120



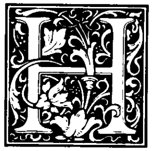
121



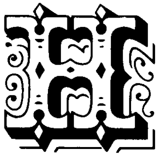
122



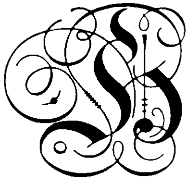
123



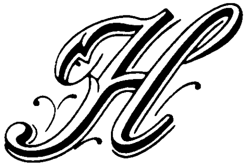
124



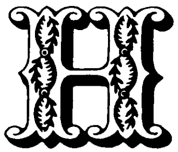
125



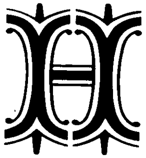
126



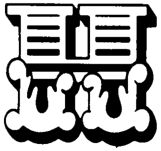
127



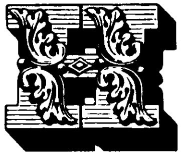
128



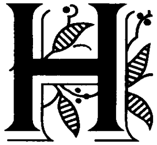
129



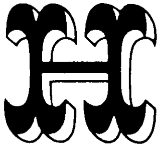
130



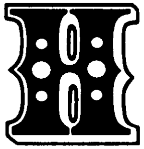
131



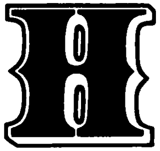
132



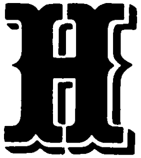
133



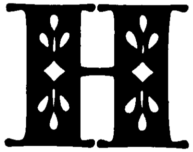
134



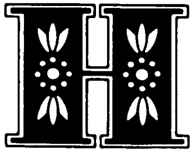
135



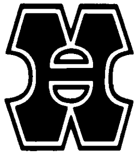
136



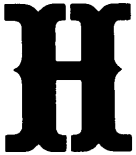
137



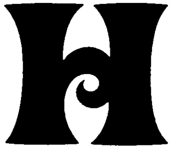
138



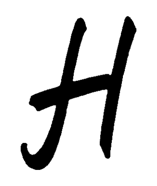
139



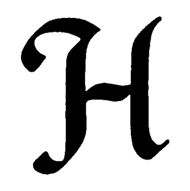
140



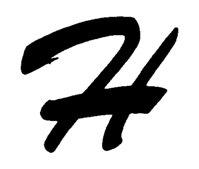
141



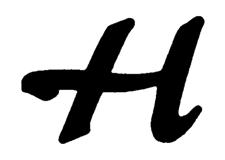
142



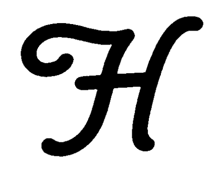
143



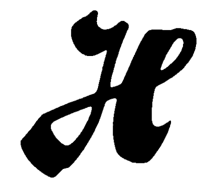
144



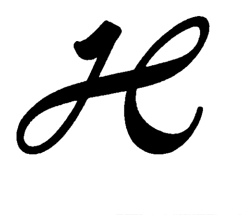
145



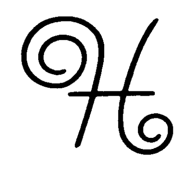
146



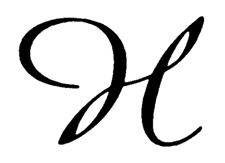
147



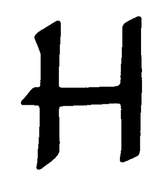
148



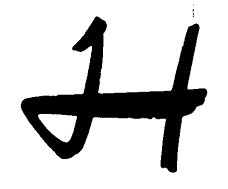
149



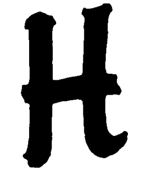
150



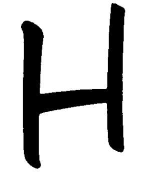
151



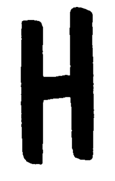
152



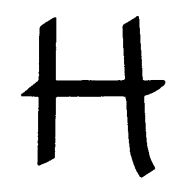
153



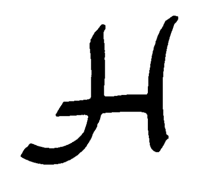
154



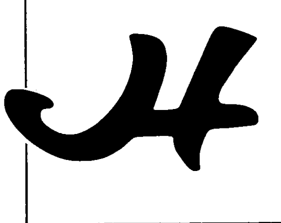
155



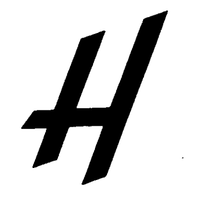
156



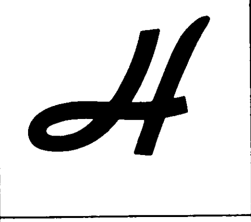
157



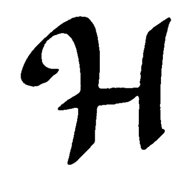
158



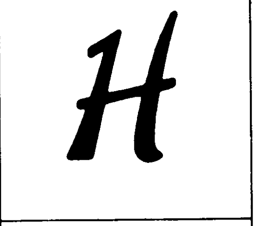
159



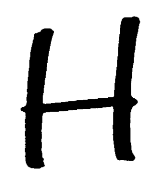
160



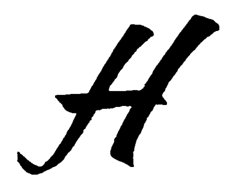
161



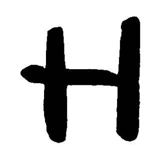
162



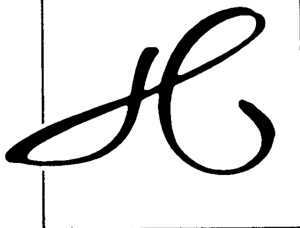
163



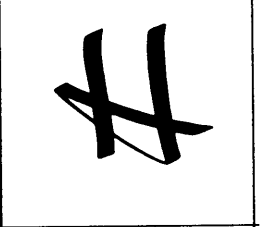
164



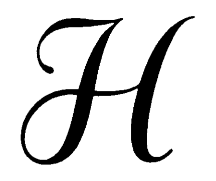
165



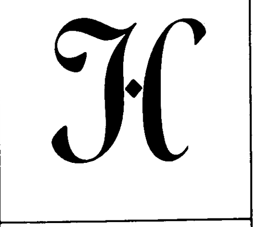
166



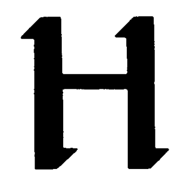
167



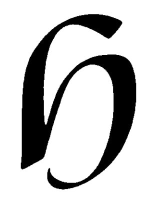
168



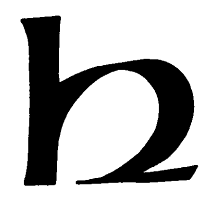
169



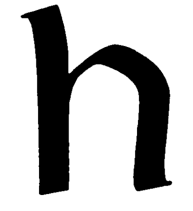
170



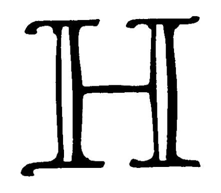
171



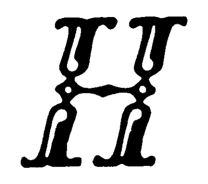
172



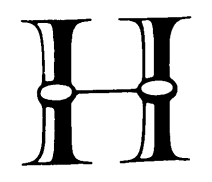
173

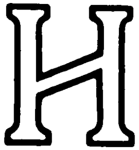
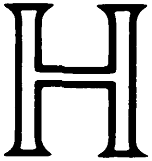
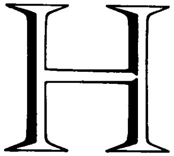
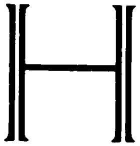
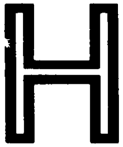
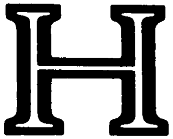
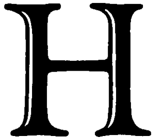
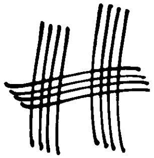
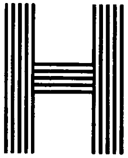
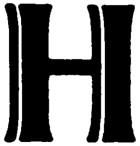
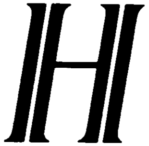
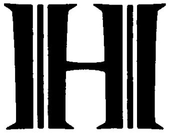
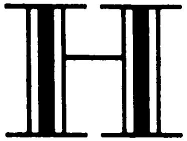
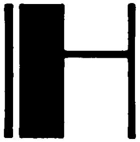
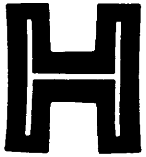
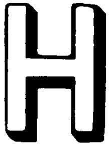
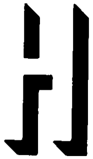
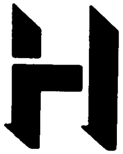
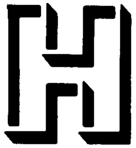
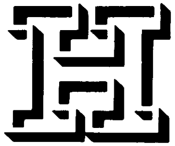
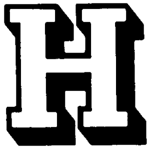
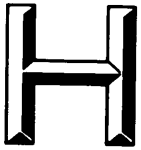
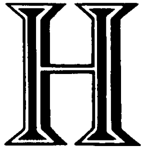
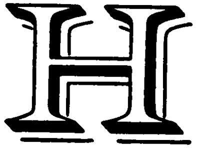
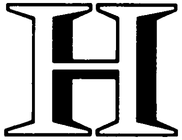
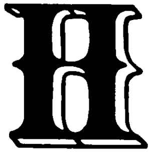
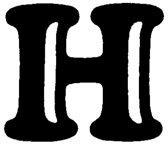
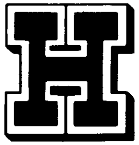
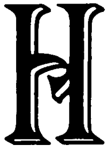
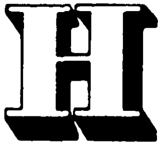
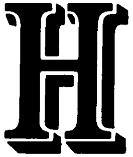
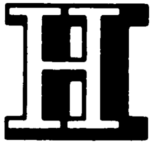
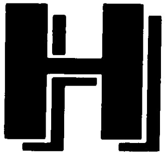
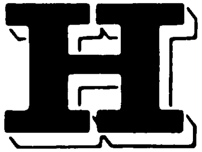
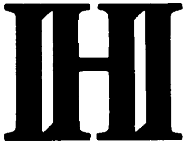


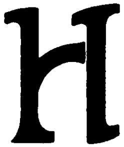
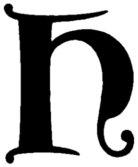
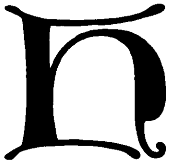
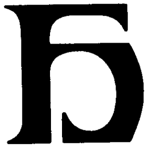
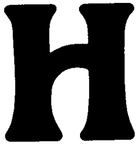
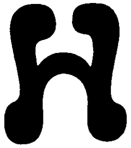
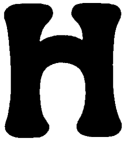
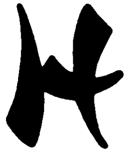
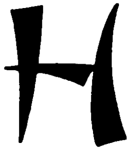
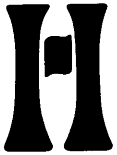
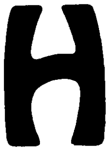
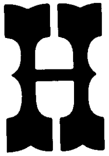
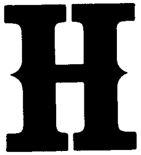
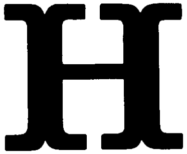
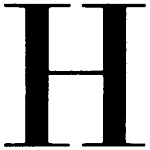
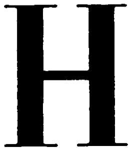
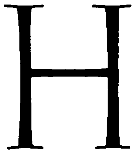
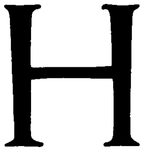
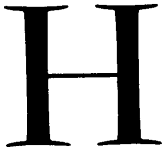
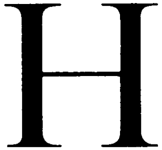
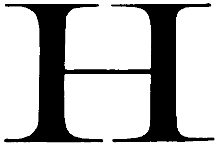
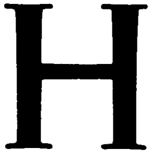
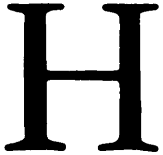
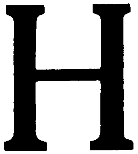
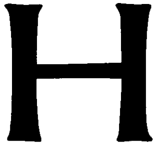
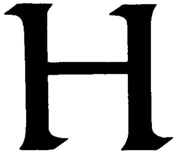
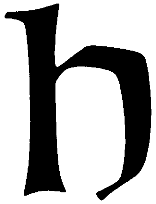
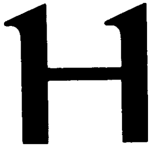
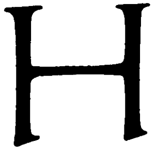
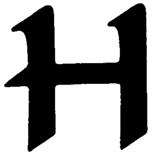
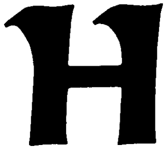
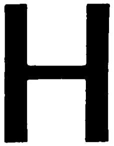
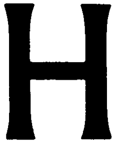
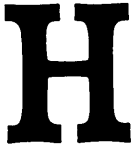
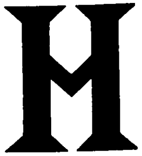
174



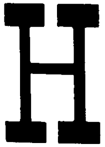
175



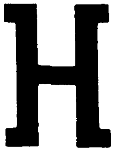
176

177

178

179

180

181

182

183

184

185

186

187

188

189

190

191

192

193

194

195

196

197

198

199

200

201

202

203

204

205

206

207

208

209

210


211

212

213

214

215

216

217

218

219

220

221

222

223

224

225

226

227

228

229

230

231

232

233

234

235

236

237

238

239

240

241

242

243

244

245


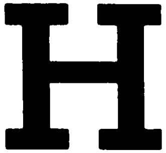
246



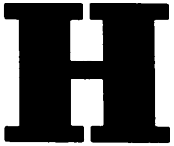
247



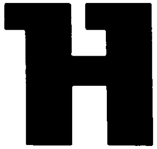
248



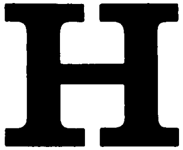
249



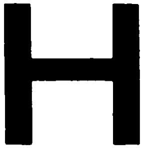
250



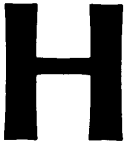
251



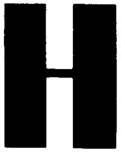
252



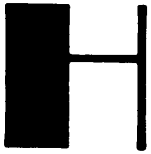
253



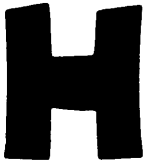
254



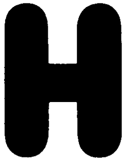
255



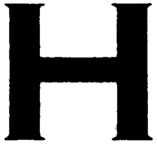
256



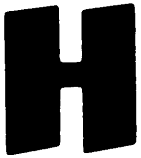
257



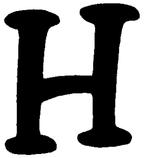
258



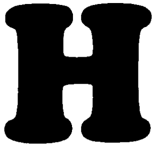
259



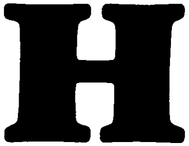
260



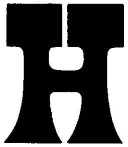
261



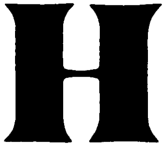
262



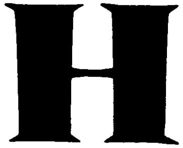
263



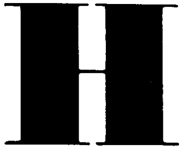
264



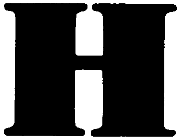
265



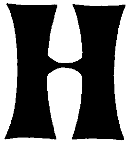
266



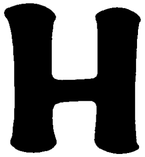
267



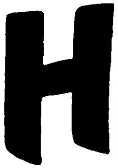
268



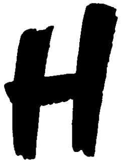
269



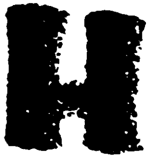
270



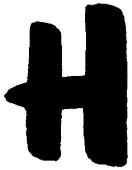
271



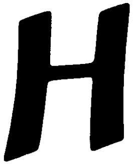
272



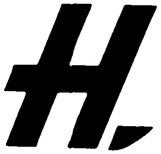
273



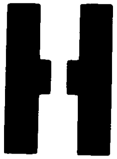
274



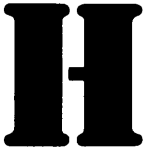
275



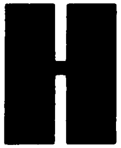
276



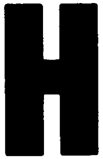
277



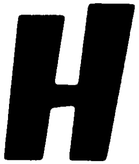
278

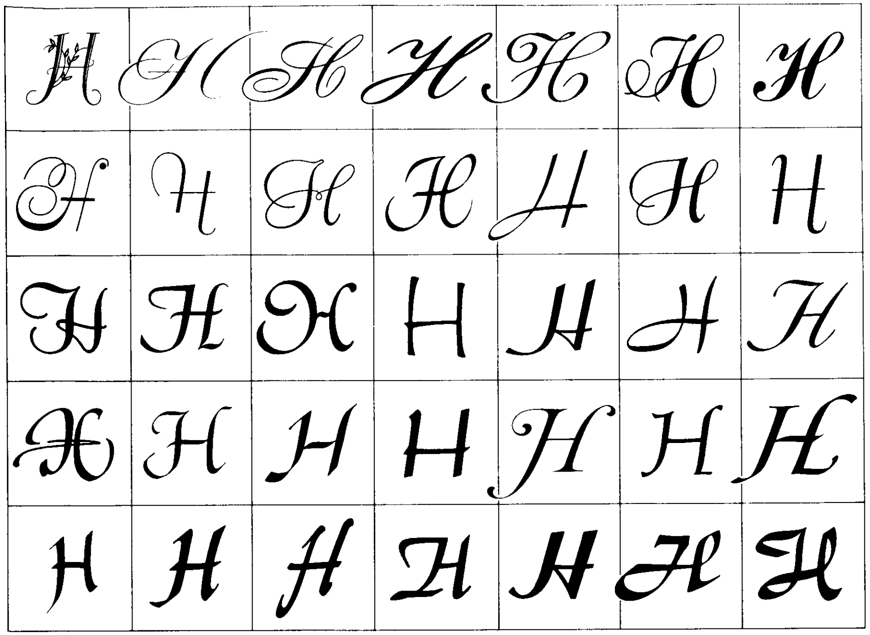


279

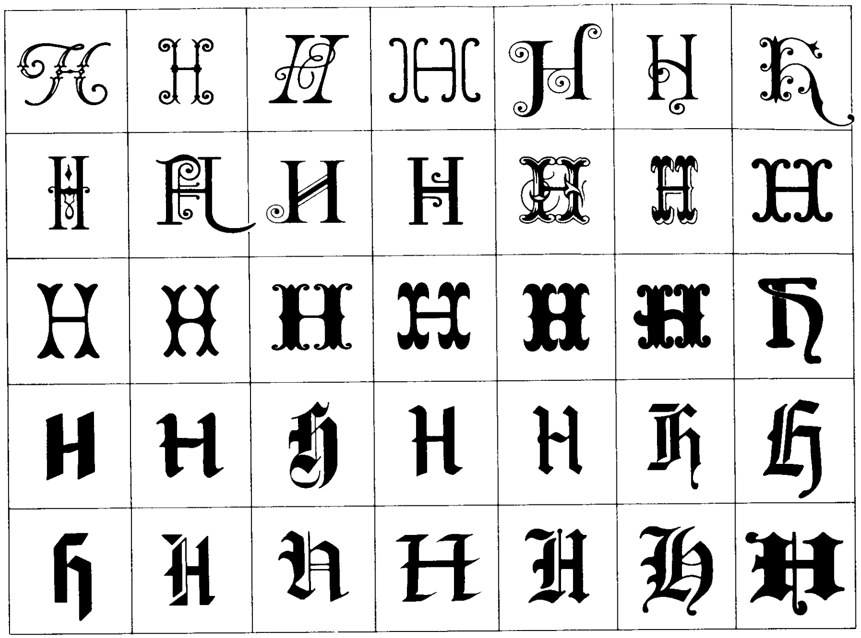


280

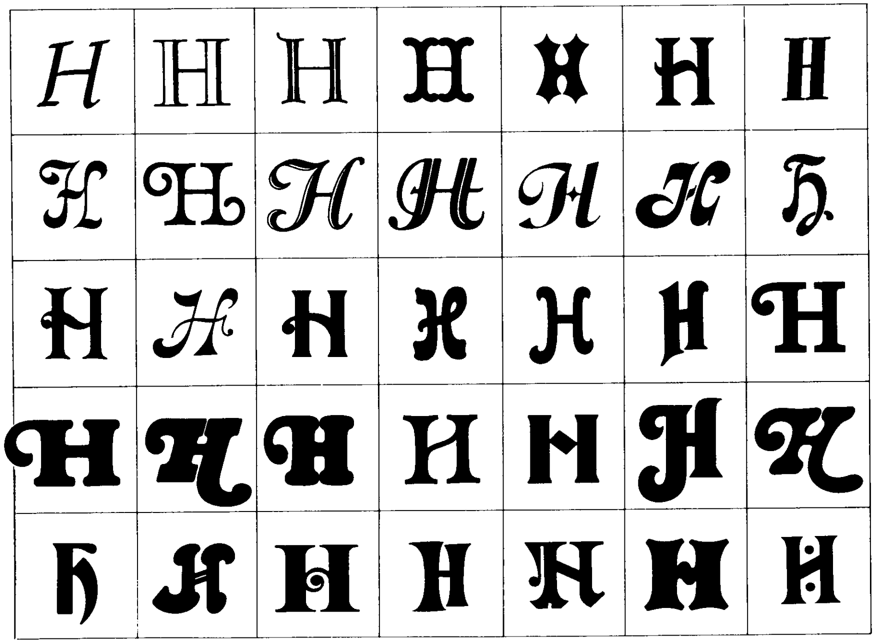




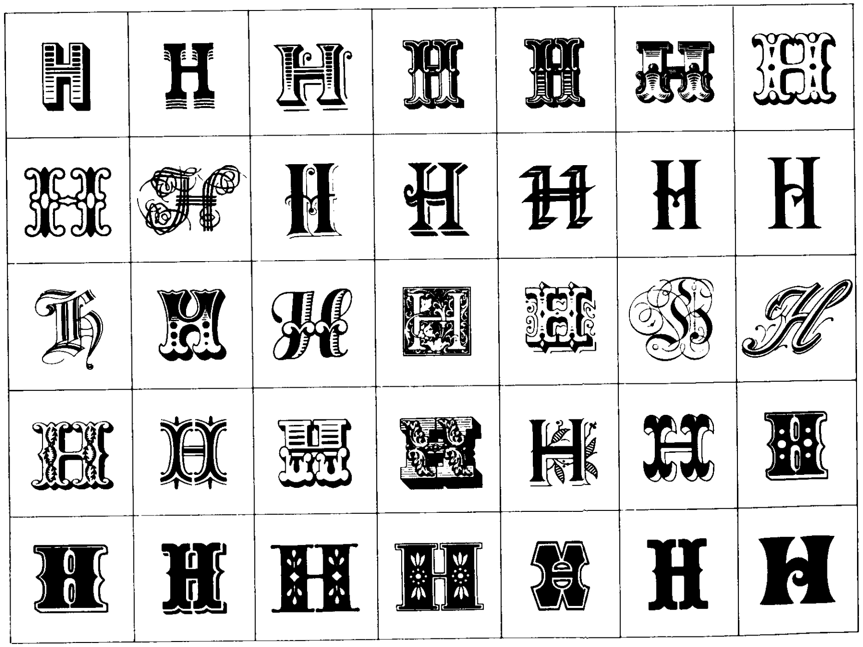
72



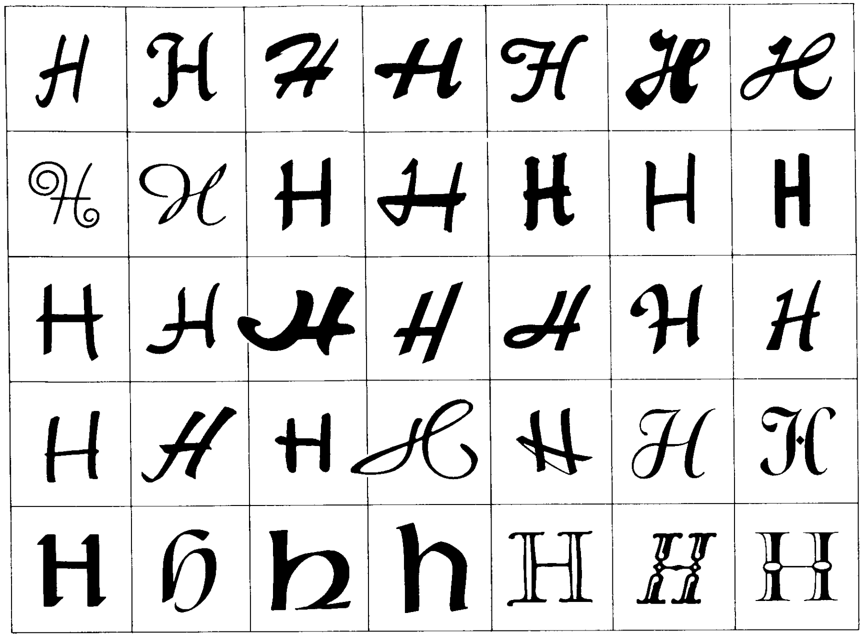
73



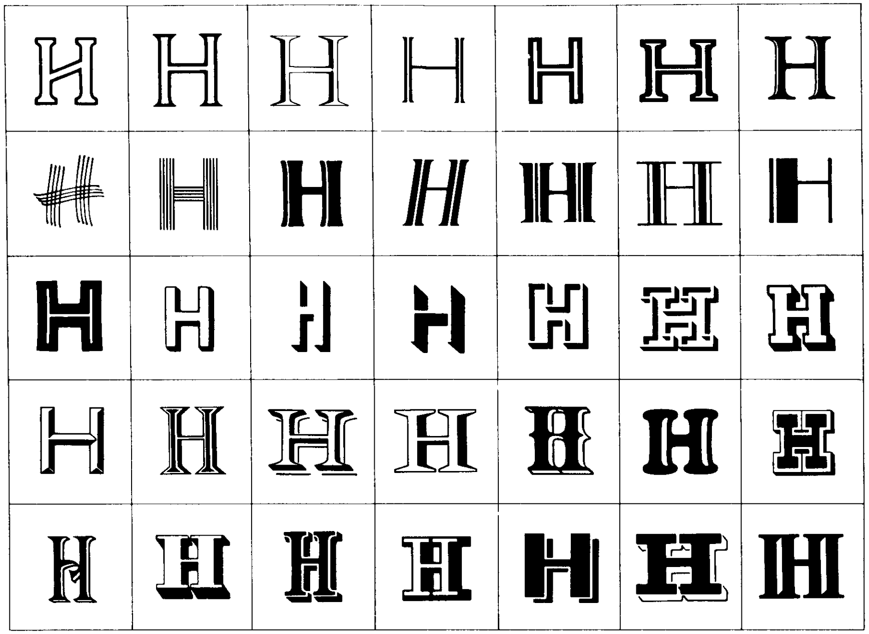
74



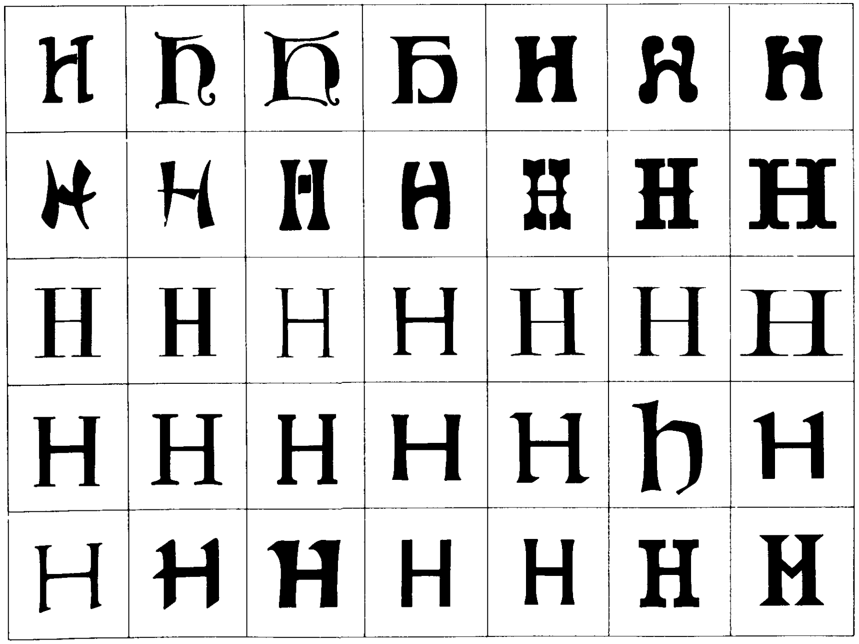
75



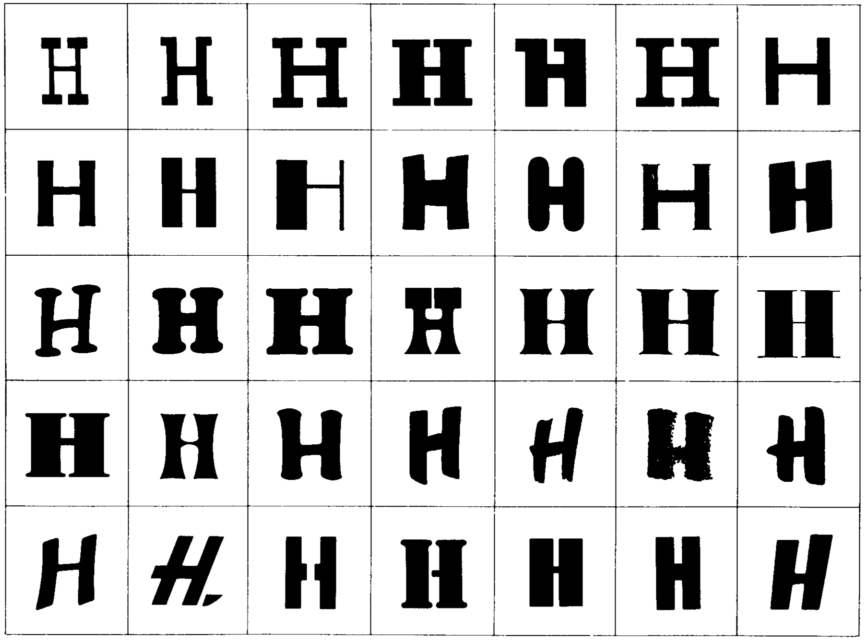
76



77

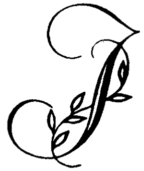


78

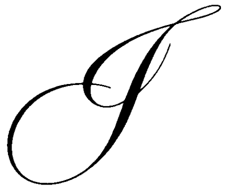


79

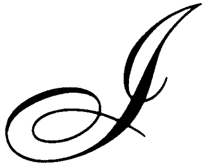
1



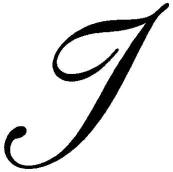
2



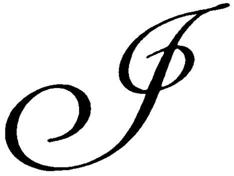
3



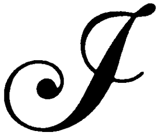
4



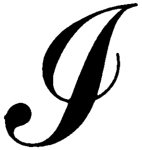
5



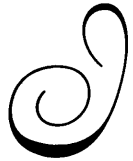
6



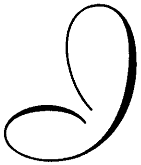
7



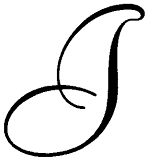
8



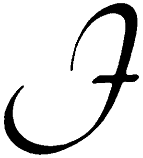
9



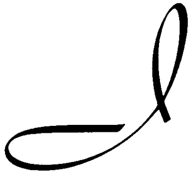
10



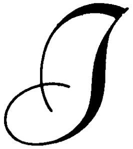
11



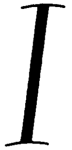
12



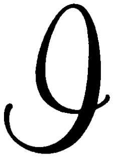
13



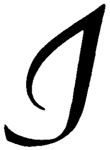
14



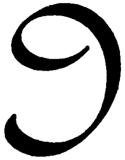
15



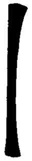
16



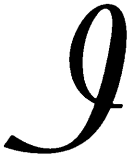
17



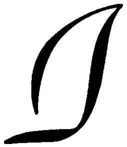
18



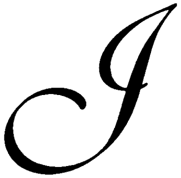
19



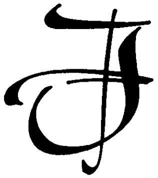
20



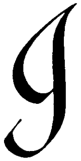
21



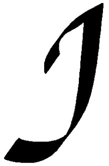
22



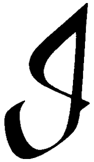
23



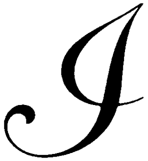
24



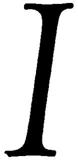
25



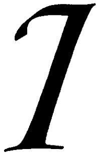
26



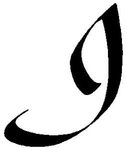
27



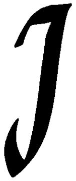
28



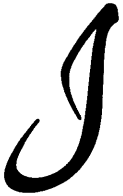
29



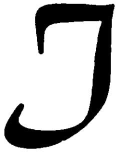
30



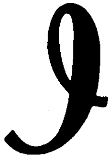
31



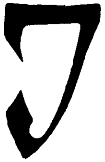
32



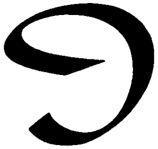
33

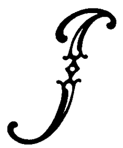


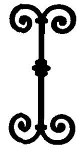
34

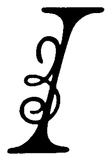


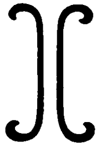
35

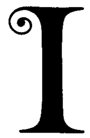


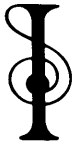
36


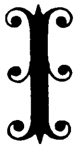
37


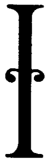
38


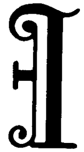
39


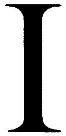
40


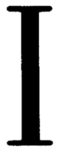
41


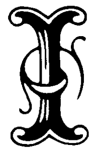
42


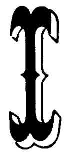
43


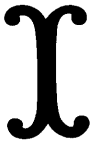
44


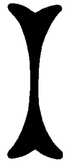
45


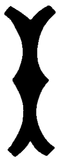
46


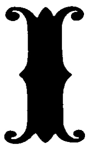
47


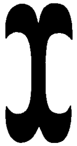
48


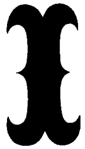
49


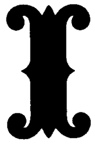
50


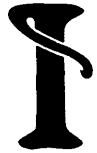
51


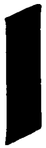
52


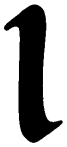
53


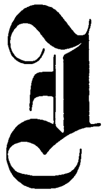
54


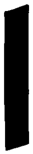
55


56


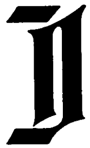
57


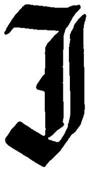
58


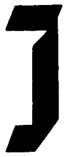
59


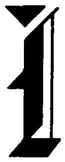
60


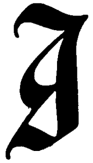
61

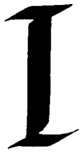
62


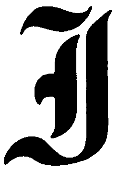
63


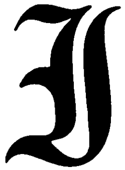
64


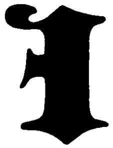
65


66


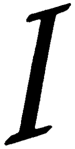
67


68


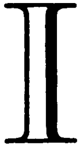
69


70


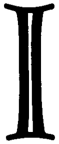
71



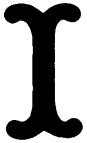
72



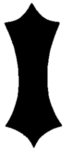
73



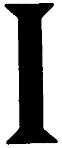
74



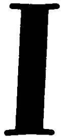
75



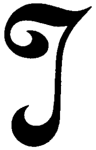
76



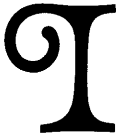
77



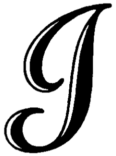
78



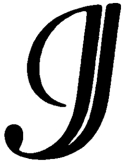
79



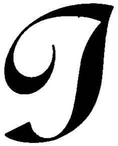
80



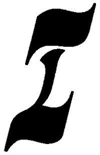
81



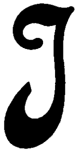
82



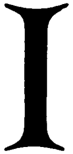
83



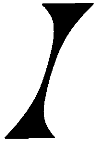
84



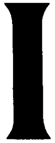
85



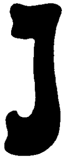
86



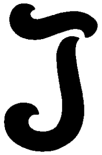
87



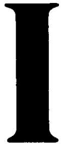
88



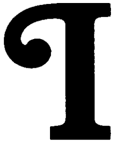
89



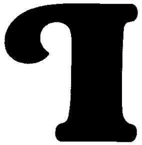
90



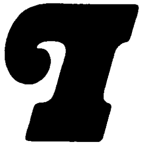
91



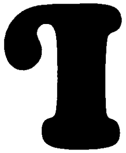
92



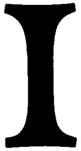
93



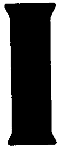
94



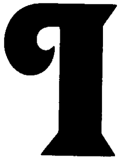
95



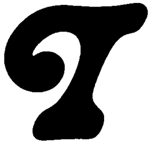
96



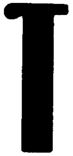
97



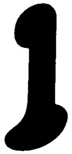
98



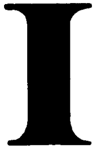
99



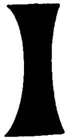
100



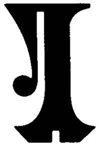
101



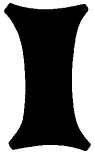
102



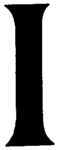
103



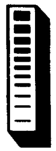
104



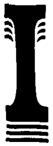
105



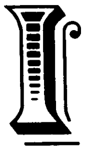
106



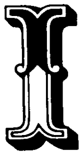
107



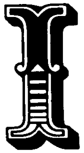
108



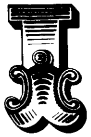
109



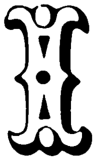
110



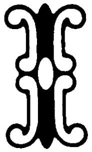
111



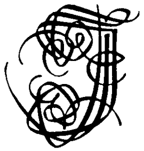
112



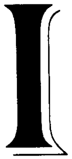
113



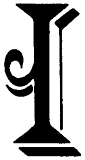
114



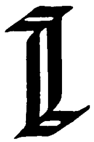
115



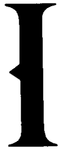
116



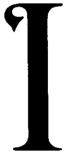
117



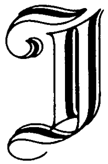
118



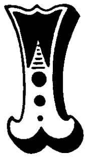
119



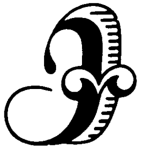
120



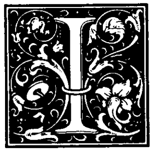
121



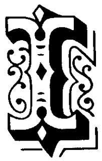
122



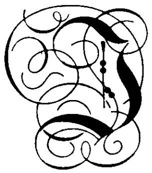
123



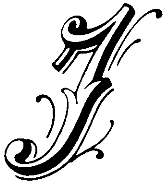
124



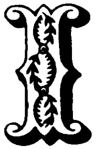
125



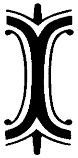
126



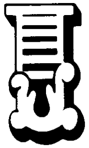
127



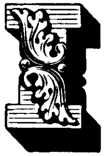
128



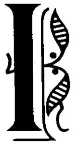
129



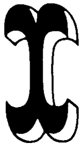
130



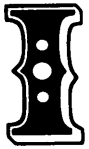
131



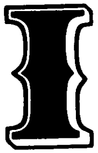
132



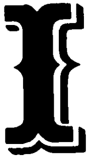
133



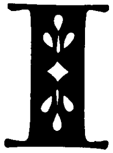
134



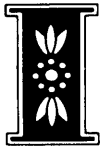
135



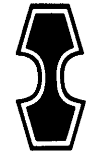
136



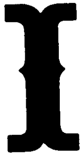
137



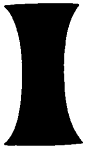
138

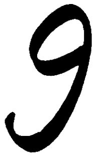


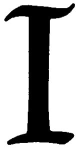
139

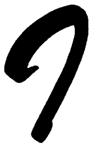


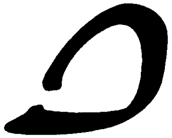
140

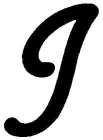


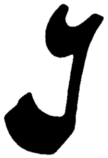
141


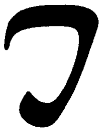
142


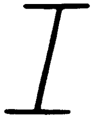
143


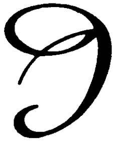
144


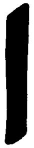
145


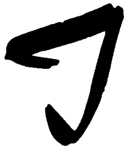
146


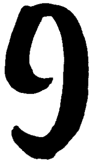
147


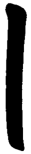
148


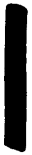
149


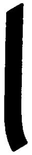
150


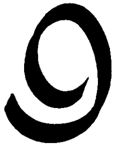
151


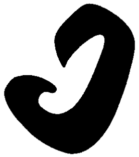
152


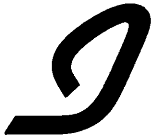
153


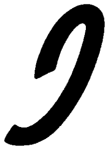
154


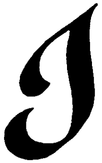
155


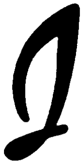
156


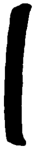
157


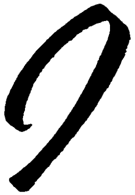
158


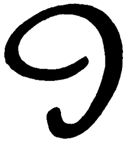
159


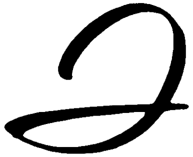
160


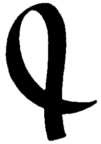
161


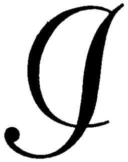
162


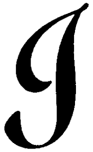
163


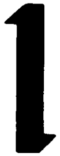
164


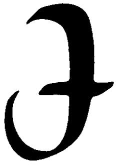
165


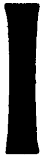
166


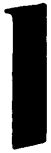
167


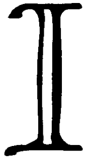
168


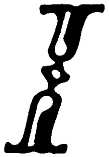
169


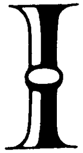
170


171


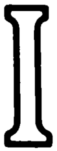
172


173


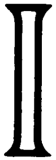
174


175


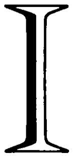
176



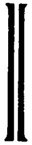
177



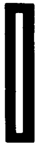
178



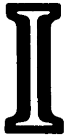
179



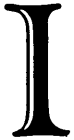
180



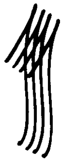
181



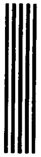
182



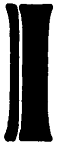
183



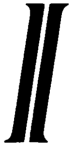
184



185

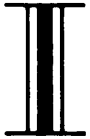


186

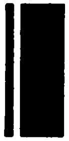


187

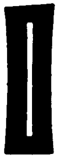
188



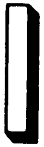
189



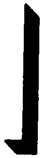
190



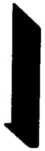
191



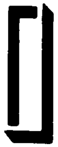
192



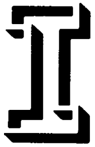
193



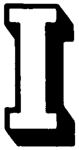
194



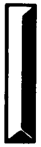
195



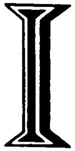
196



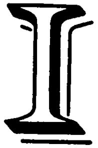
197



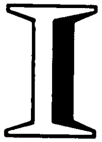
198



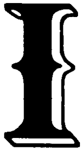
199



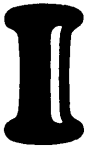
200



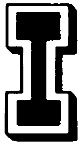
201



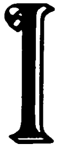
202



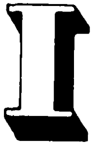
203



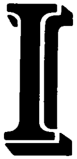
204



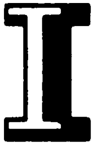
205



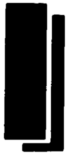
206



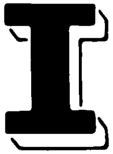
207



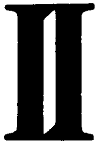
208

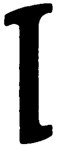


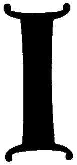
209

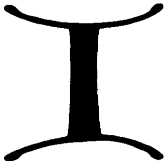


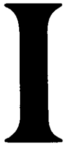
210

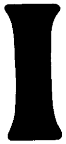


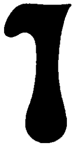

211

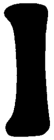

212

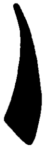

213

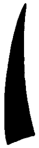

214

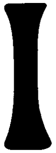

215

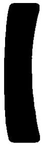

216

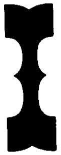

217

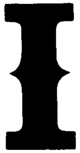

218

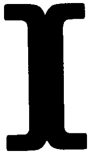

219

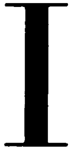

220

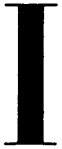

221

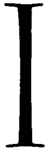

222

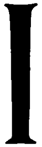

223

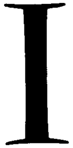

224

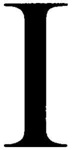

225

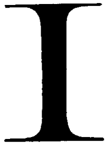

226

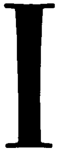

227

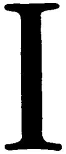

228

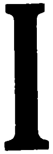

229

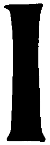

230


231

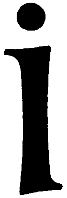

232

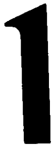

233

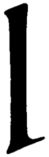

234

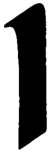

235

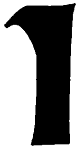
236

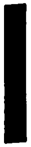

237

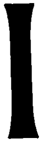

238

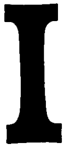

239

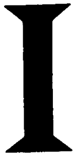

240

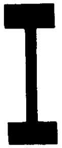

241

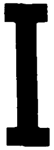

242

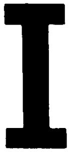

243

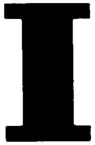

244


245

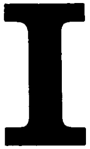
246


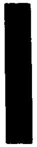
247


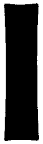
248


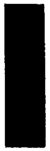
249


250

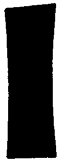
251


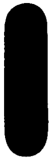
252


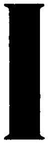
253


254


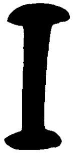
255

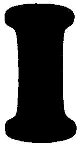
256


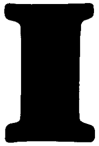
257


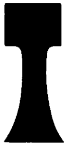
258


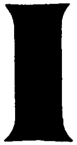
259

260


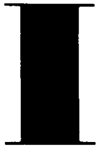
261


262


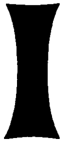
263


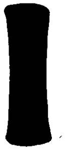
264


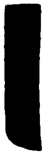
265

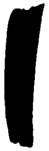
266


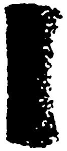
267

268


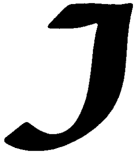
269


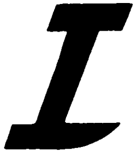
270


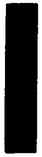
271


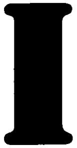
272


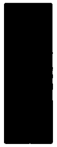
273

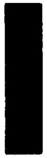
274


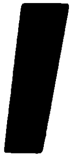
275


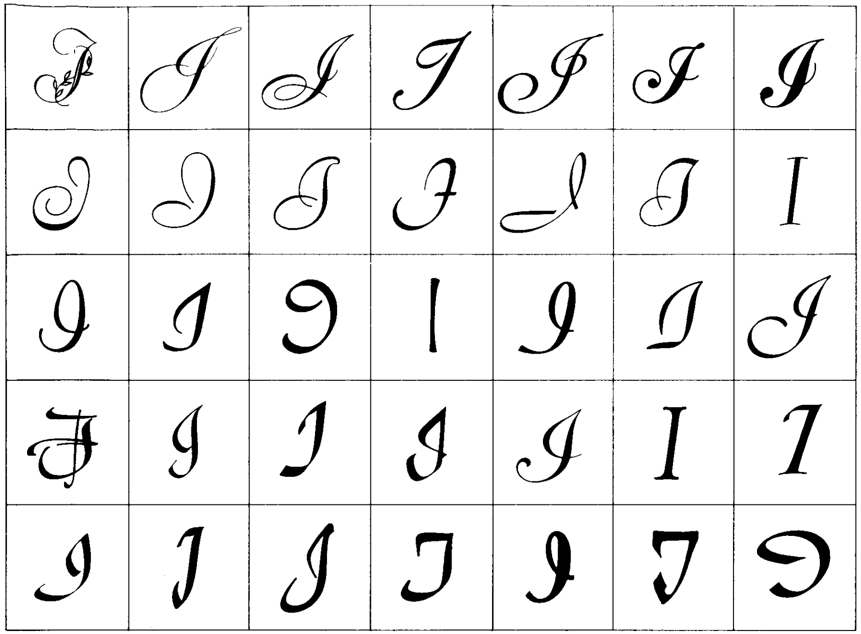
276


277


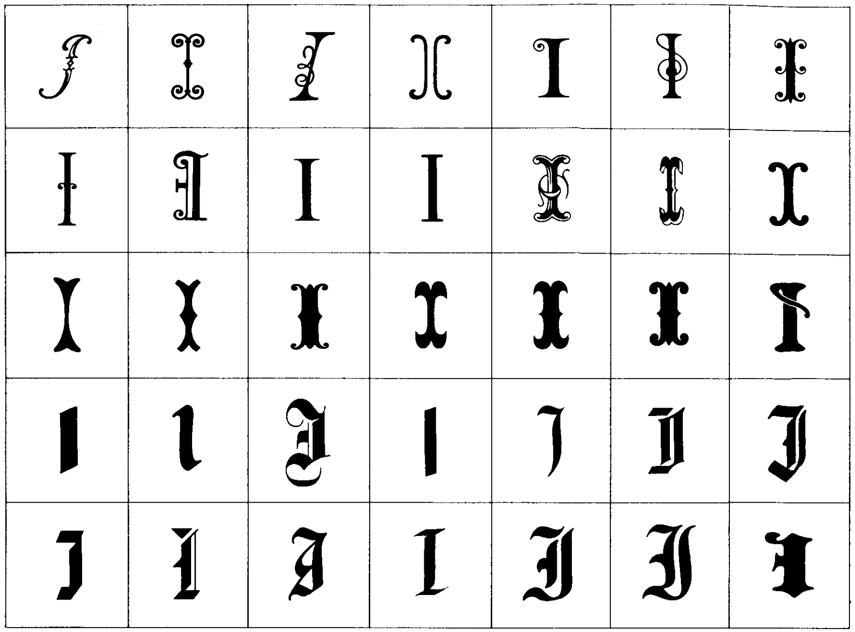
278


279


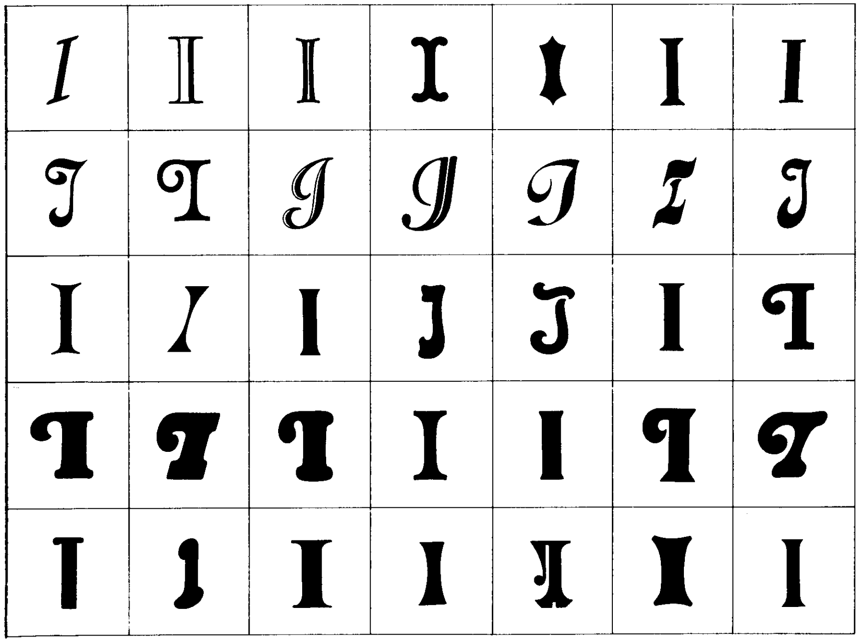
280




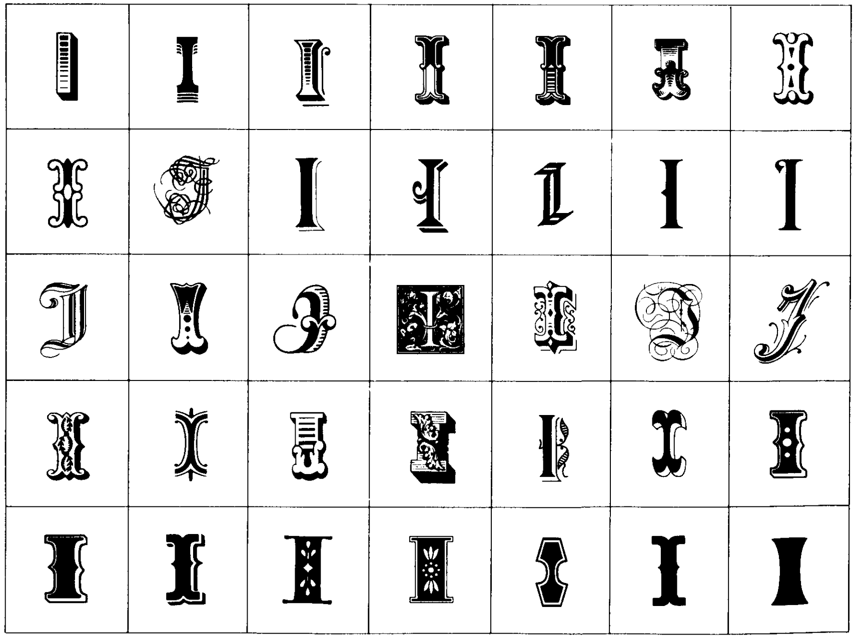
82



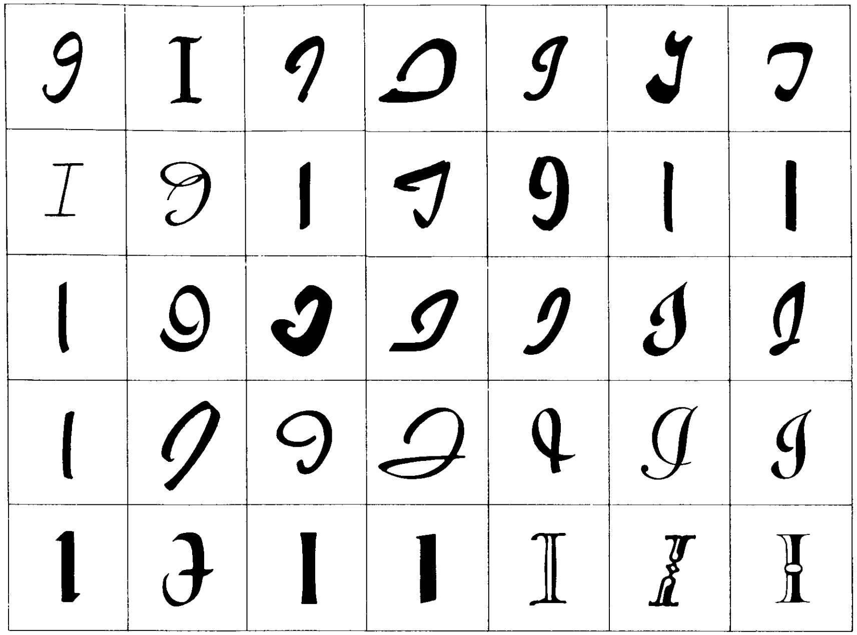
83



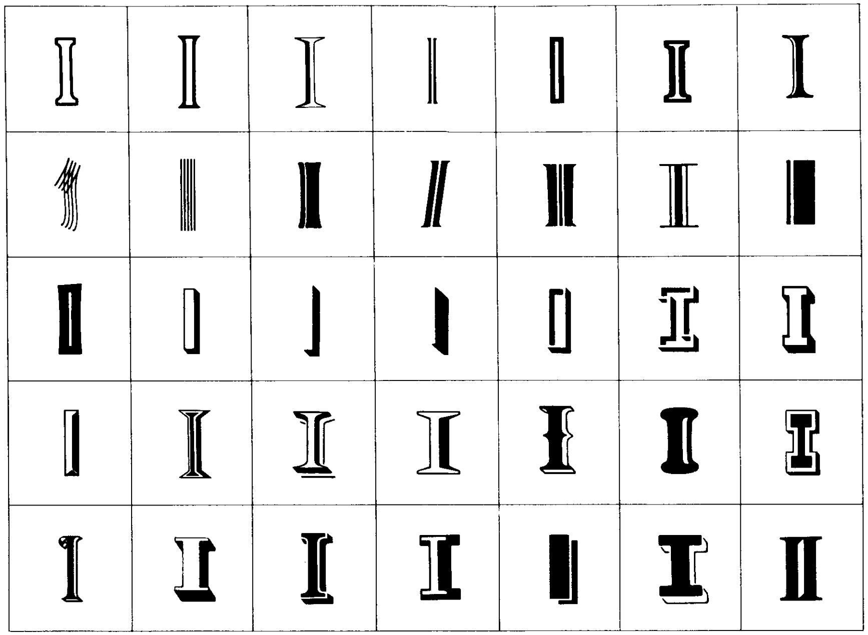
84



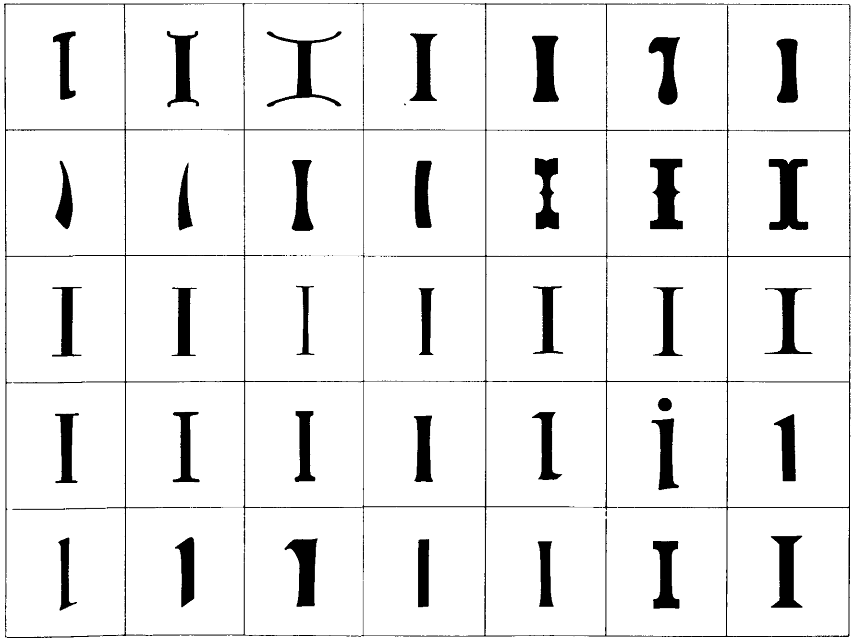
85



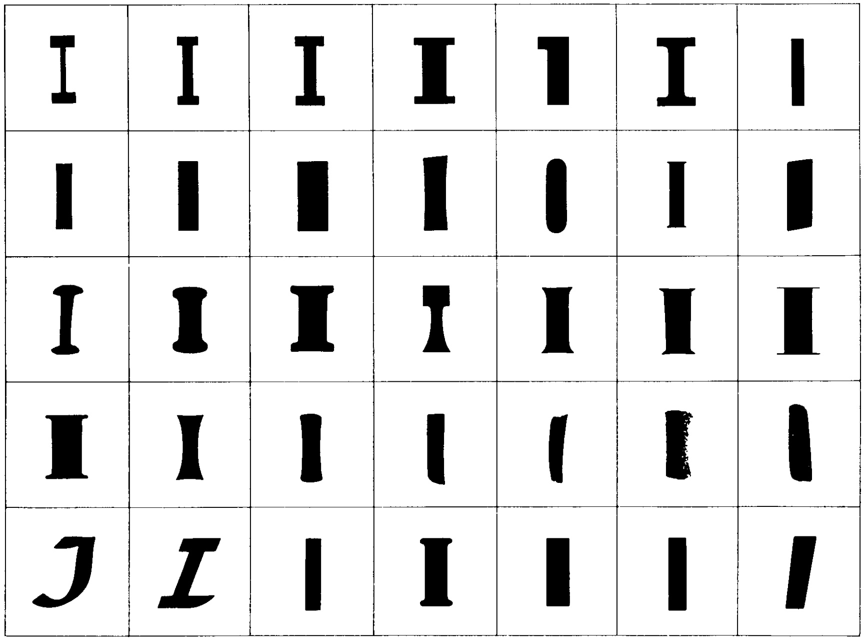
86



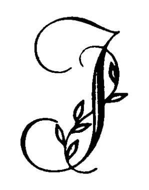
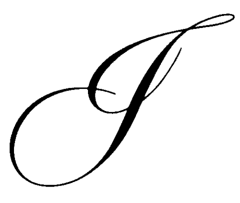
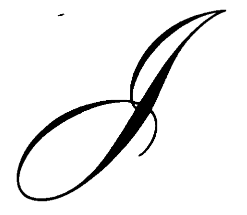
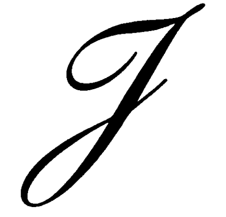
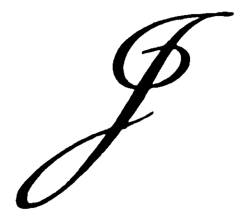
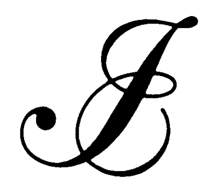
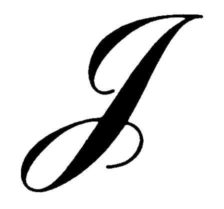
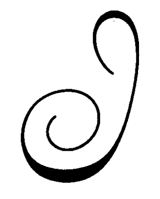
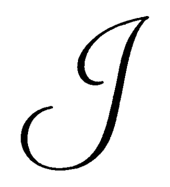
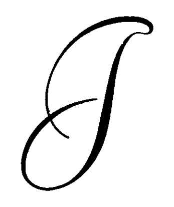
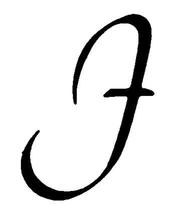
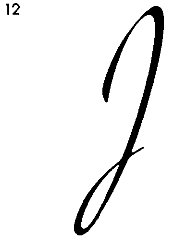
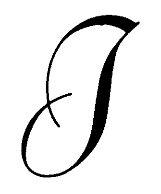
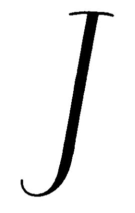
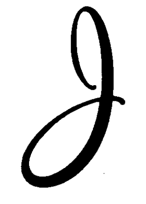
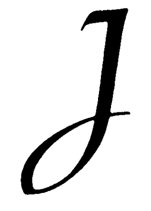
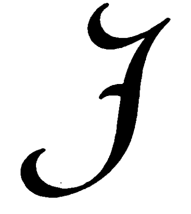
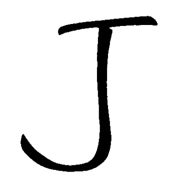
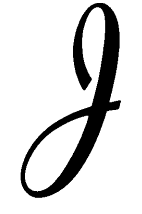
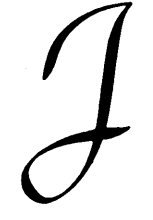
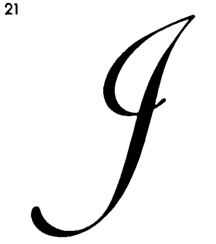
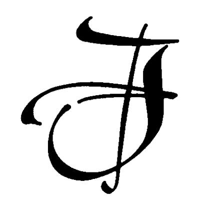
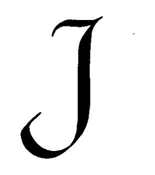
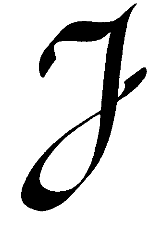
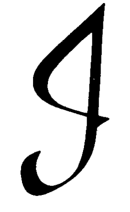
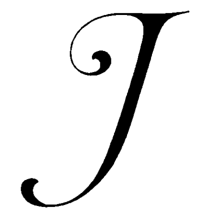
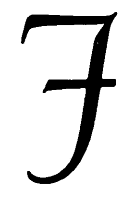
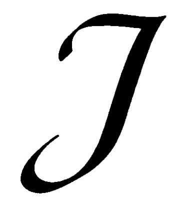
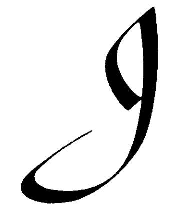
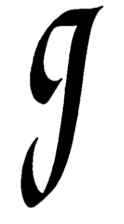
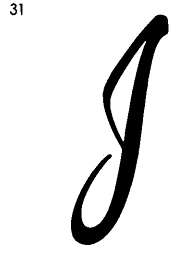
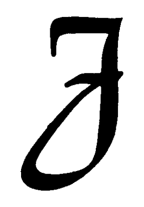
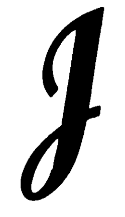
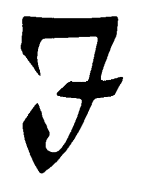
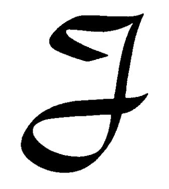
87



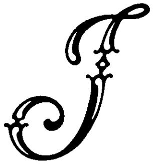
88



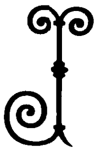
89

1

2

3

4

5

6

7

8

9

10

11

12

13

14

15

16

17

18

19

20

21

22

23

24

25

26

27

28

29

30

31

32

33

34

35


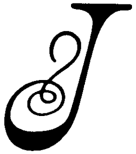
36



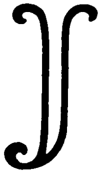
37



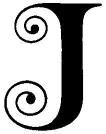
38



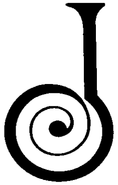
39



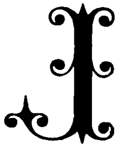
40



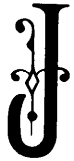
41



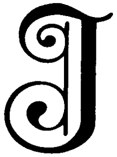
42



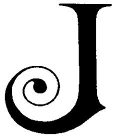
43



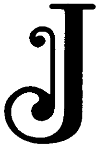
44



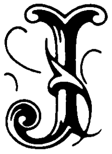
45



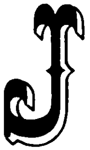
46



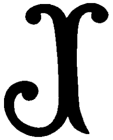
47



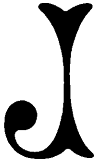
48



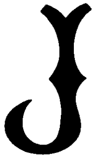
49



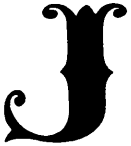
50



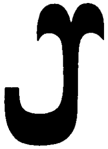
51



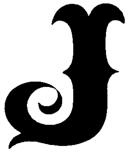
52



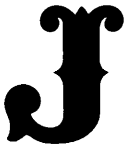
53



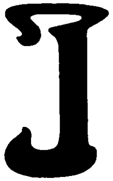
54



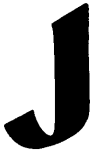
55



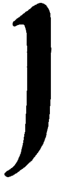
56



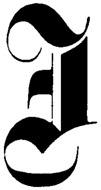
57



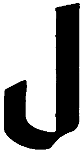
58



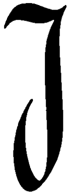
59



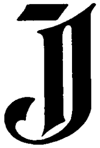
60



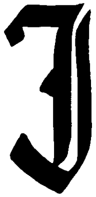
61



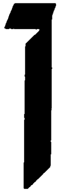
62



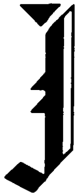
63



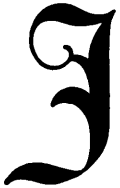
64



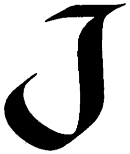
65



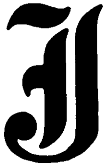
66



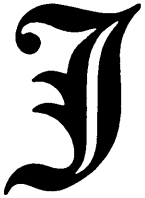
67



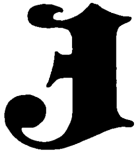
68



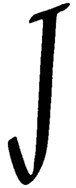
69



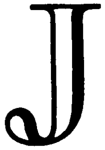
70



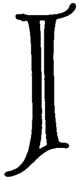
71



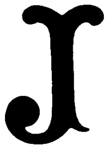
72



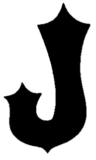
73



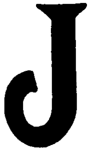
74



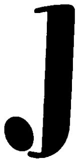
75



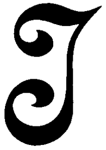
76



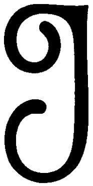
77



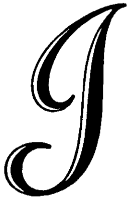
78



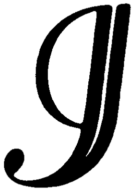
79



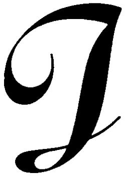
80



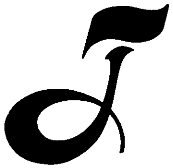
81



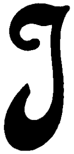
82



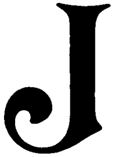
83



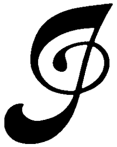
84



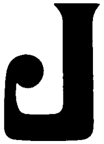
85



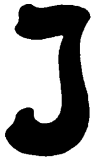
86



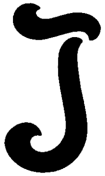
87



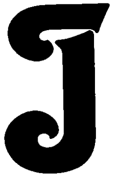
88



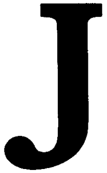
89



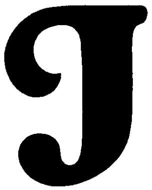
90



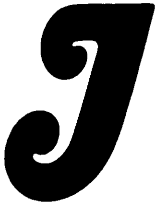
91



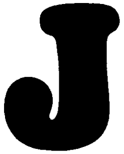
92



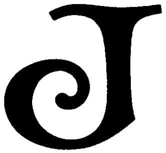
93



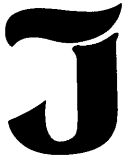
94



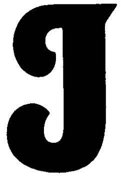
95



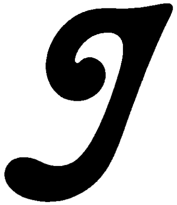
96



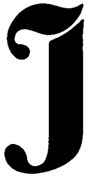
97



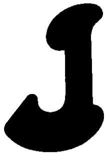
98



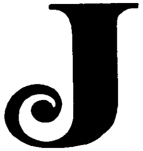
99



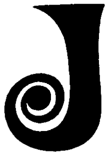
100



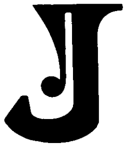
101



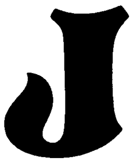
102



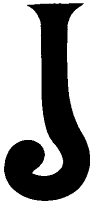
103



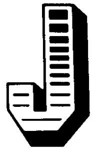
104



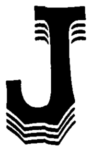
105



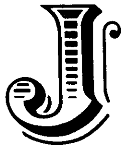
106



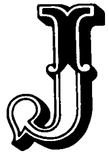
107



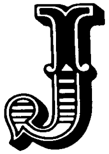
108



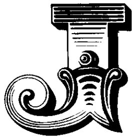
109



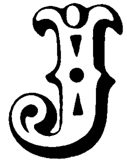
110



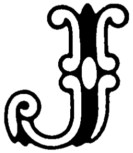
111



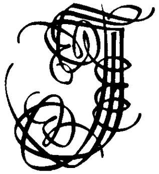
112



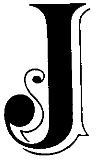
113



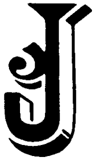
114



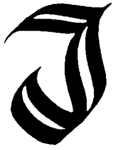
115



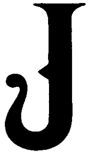
116



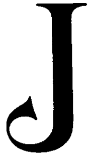
117



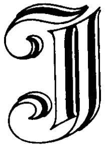
118



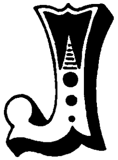
119



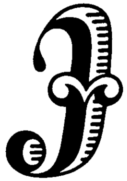
120



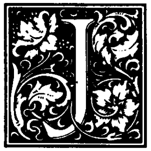
121



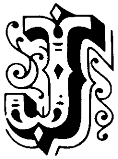
122



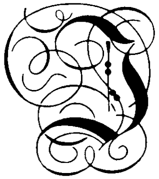
123



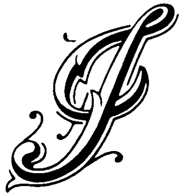
124



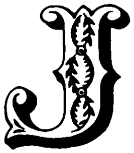
125



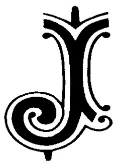
126



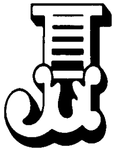
127



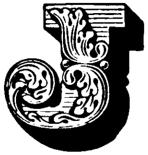
128



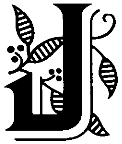
129



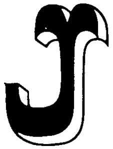
130



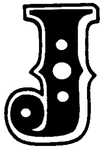
131



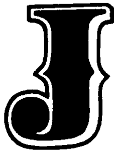
132



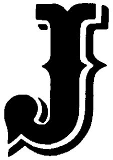
133



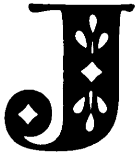
134



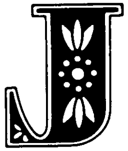
135



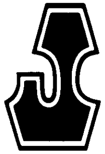
136



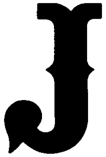
137



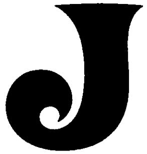
138

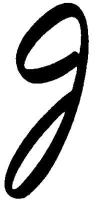


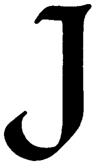
139

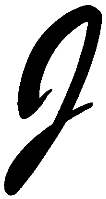


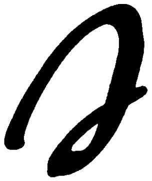
140

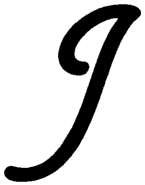


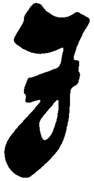
141


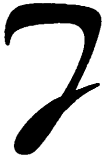
142


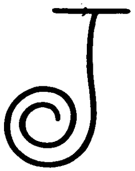
143


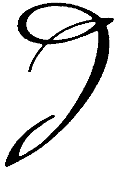
144


145


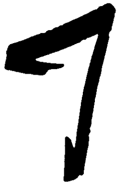
146


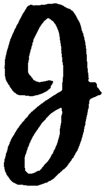
147


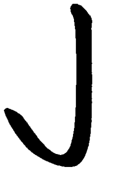
148


149


150

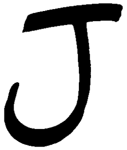
151


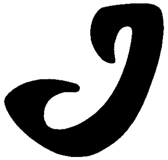
152


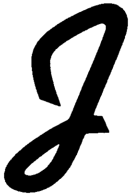
153


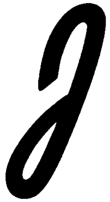
154

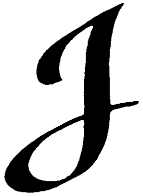
155

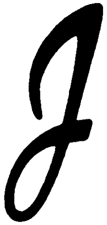
156


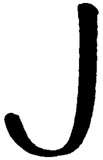
157


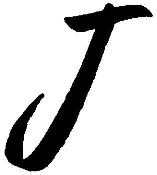
158


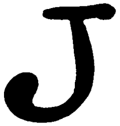
159


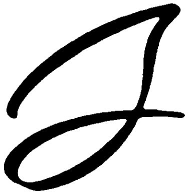
160


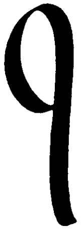
161


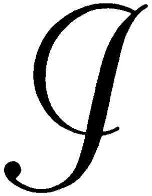
162


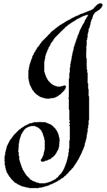
163


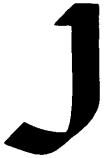
164


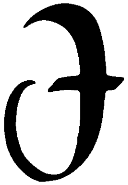
165


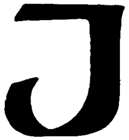
166


167


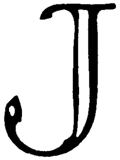
168


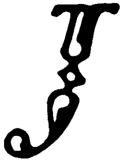
169


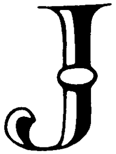
170


171


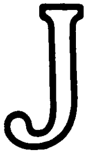
172

173


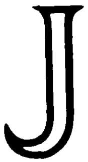
174


175


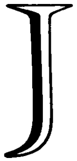
176



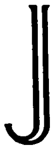
177



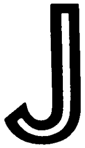
178



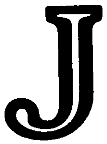
179



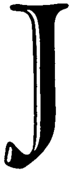
180



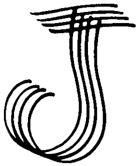
181



182

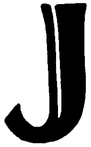


183

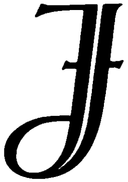


184

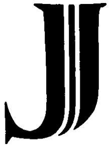
185



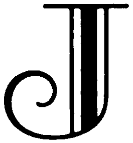
186



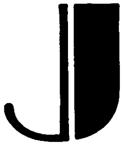
187



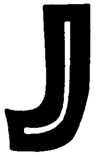
188



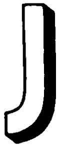
189



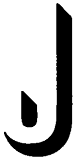
190



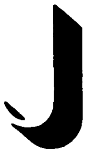
191



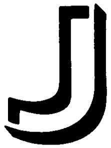
192



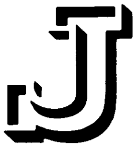
193



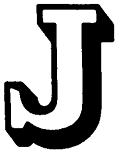
194



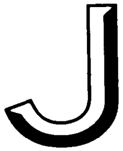
195



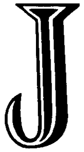
196



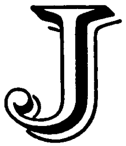
197



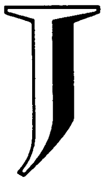
198



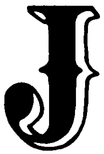
199



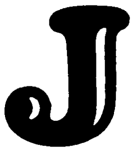
200



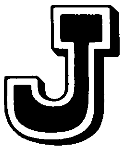
201



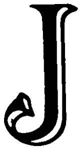
202



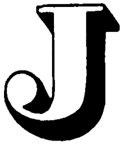
203



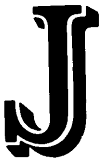
204



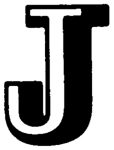
205



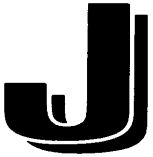
206



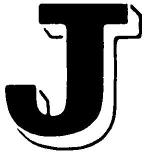
207



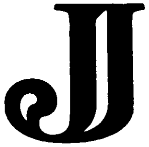
208



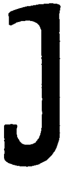
209



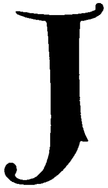
210



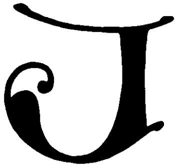
211



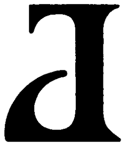
212



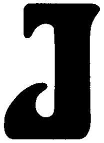
213



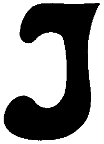
214



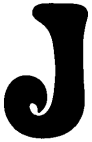
215



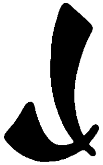
216



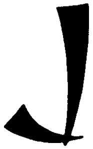
217



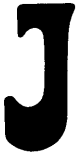
218



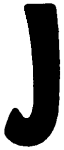
219



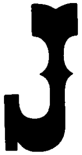
220



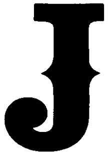
221



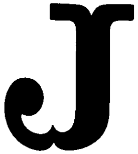
222



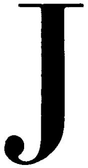
223



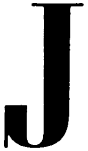
224



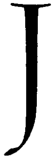
225



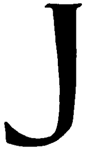
226



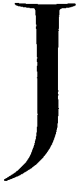
227



228

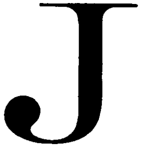


229

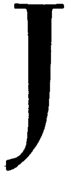


230

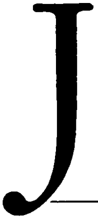
231



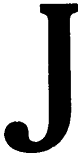
232



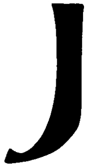
233



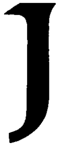
234



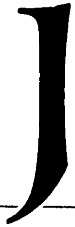
235



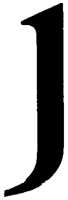
236



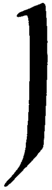
237



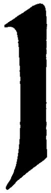
238



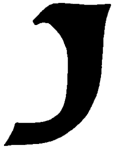
239



240

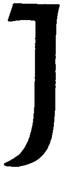


241

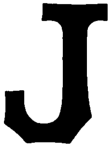


242

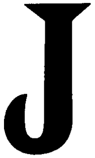
243



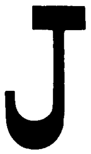
244



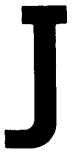
245



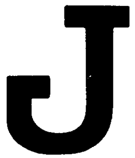
246



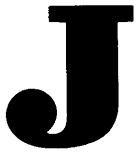
247



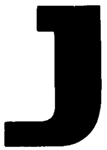
248



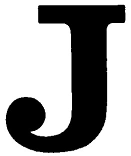
249



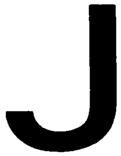
250



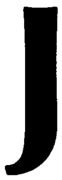
251



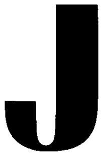
252



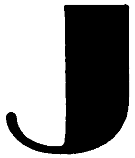
253



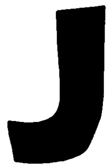
254



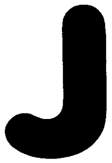
255



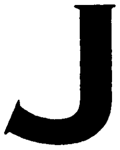
256



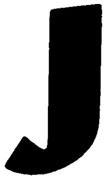
257



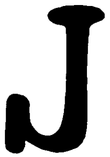
258



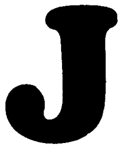
259



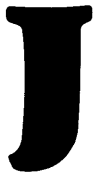
260



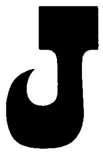
261



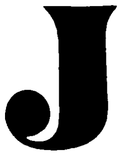
262



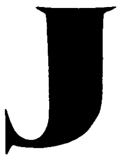
263



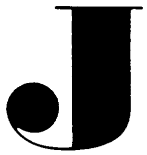
264



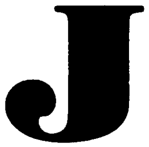
265



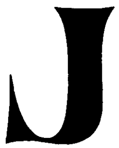
266



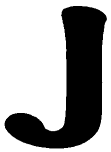
267



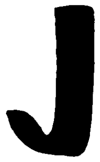
268



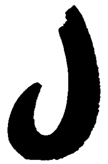
269



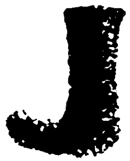
270



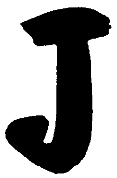
271



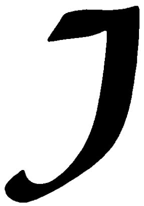
272



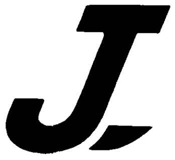
273



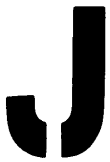
274



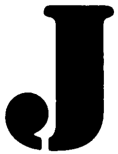
275



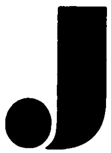
276



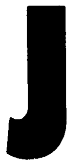
277



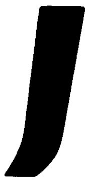
278

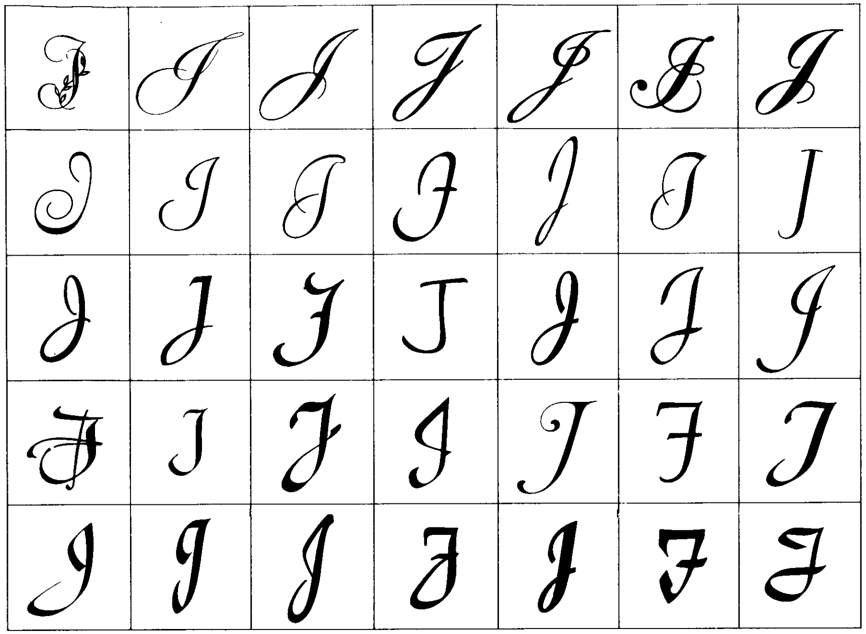


279

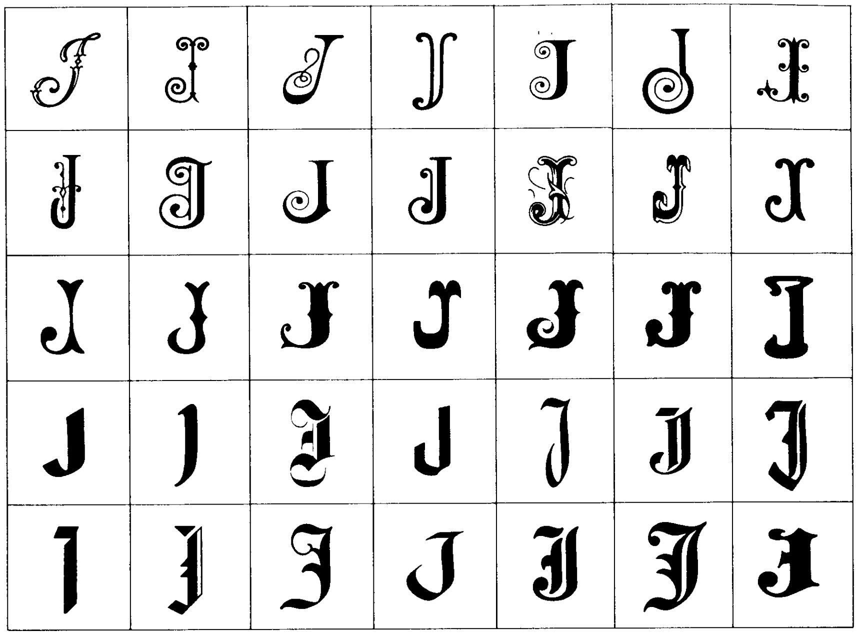


280

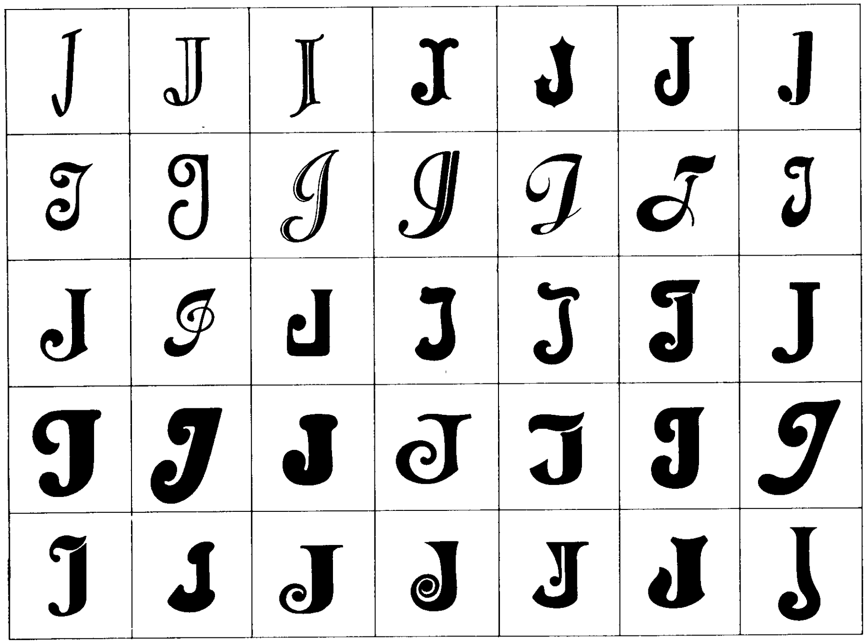




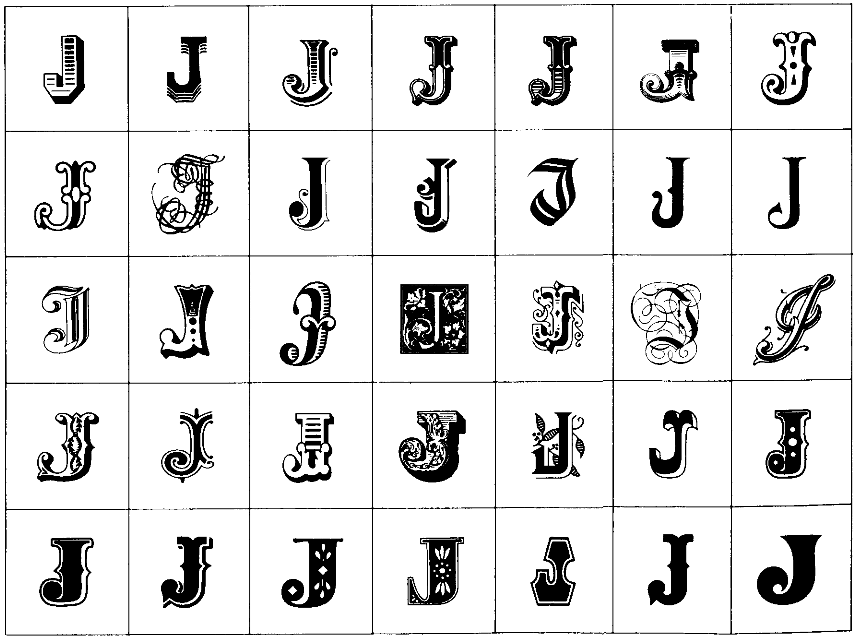
92



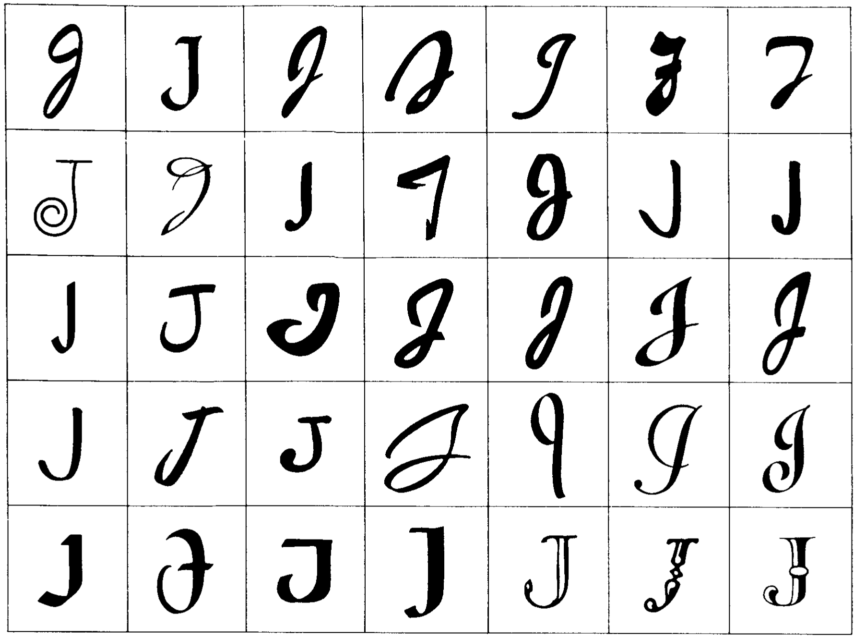
93



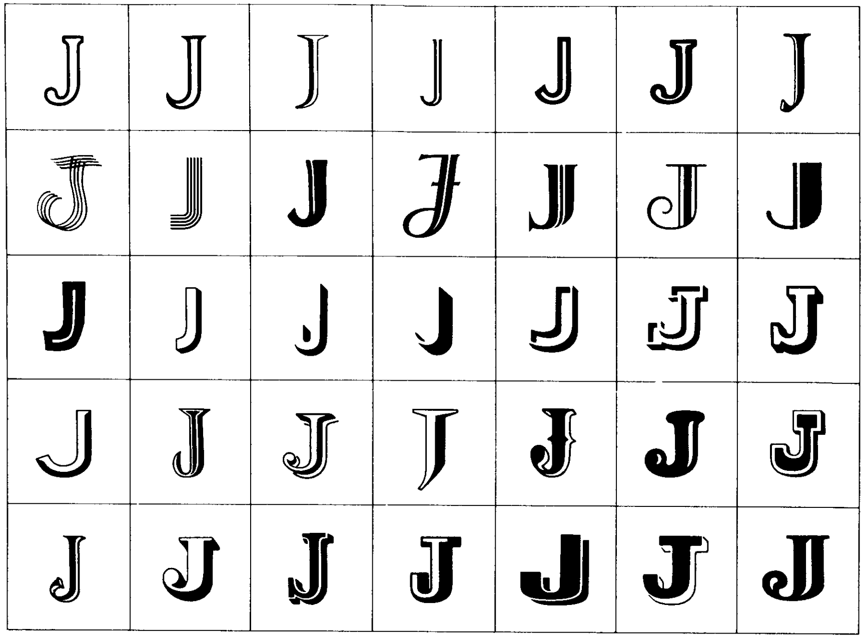
94



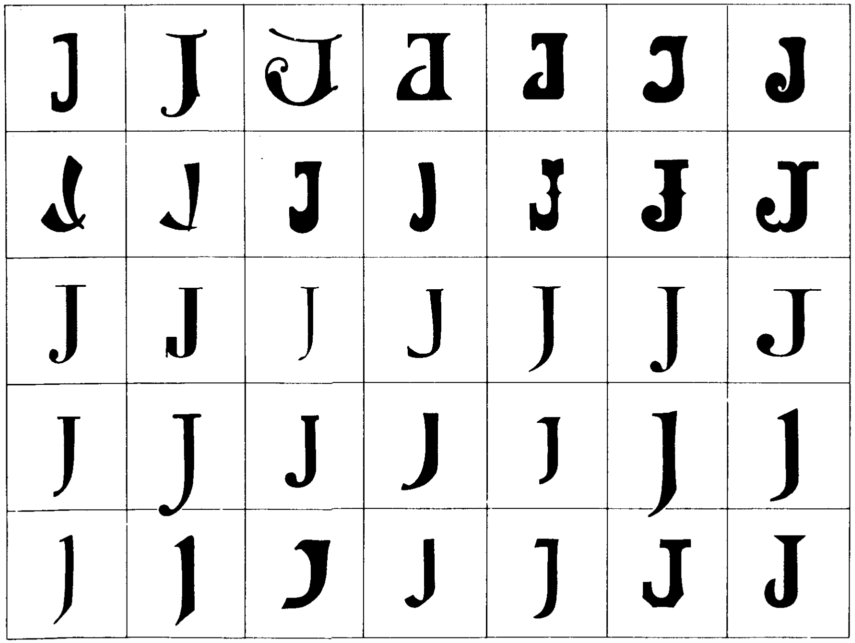
95



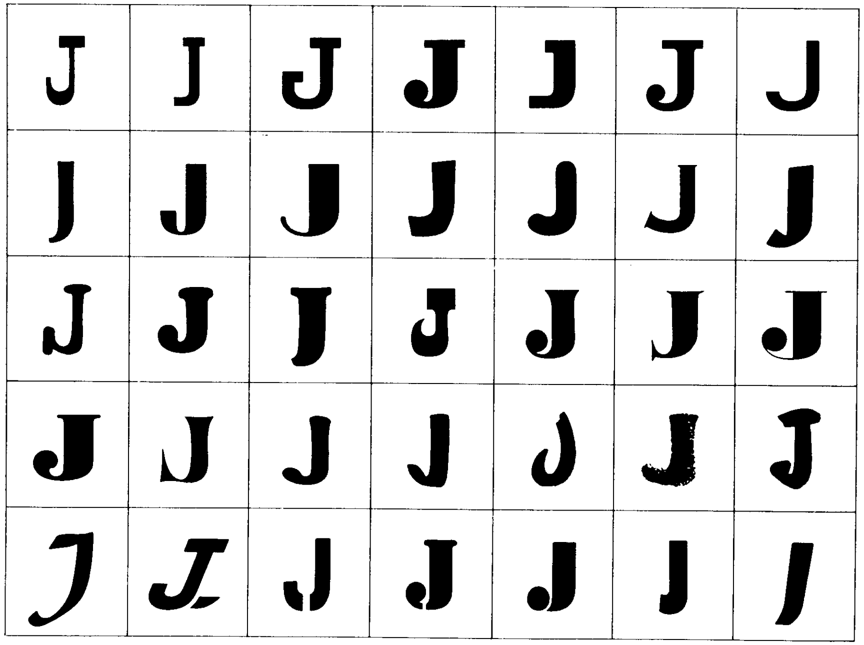
96



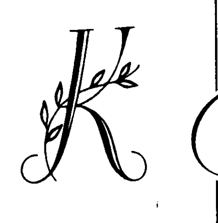
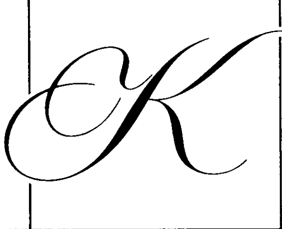
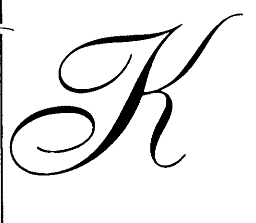
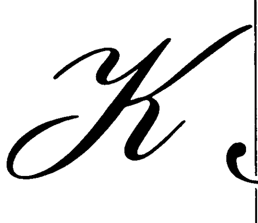
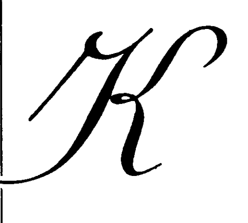
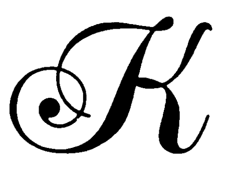
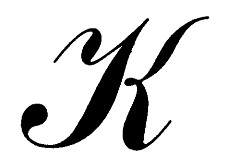
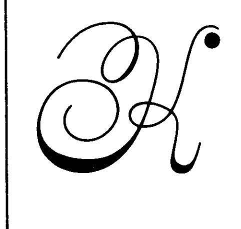
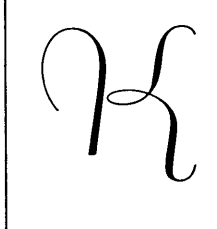
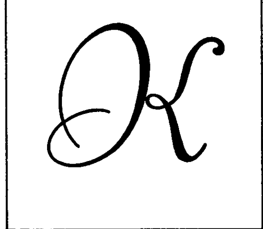
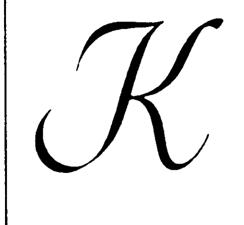
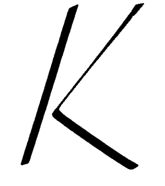
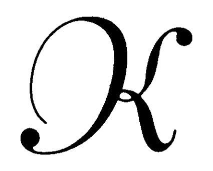
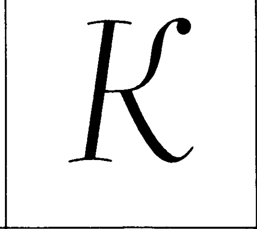
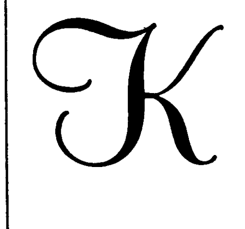
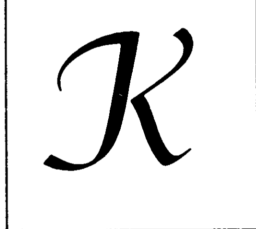
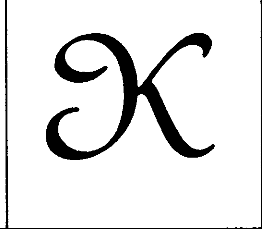
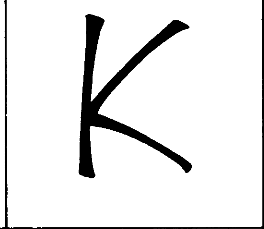
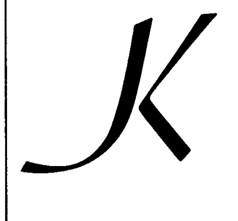
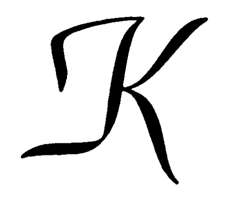
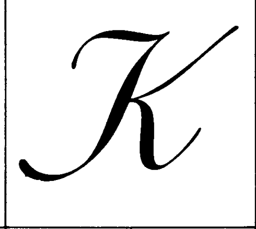
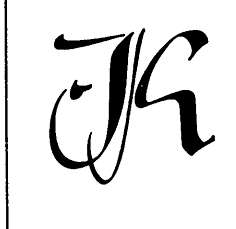
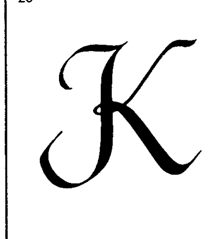
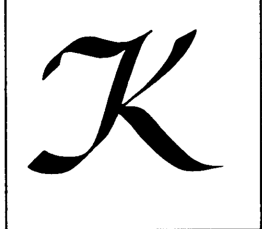
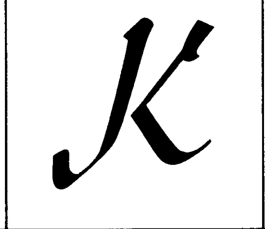
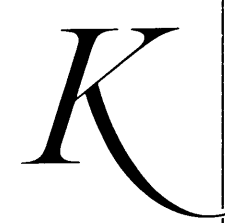
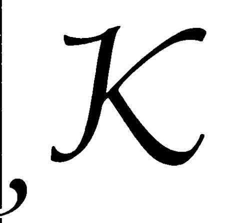
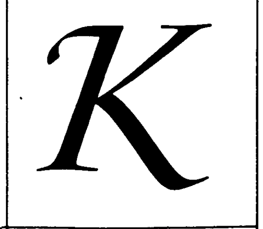
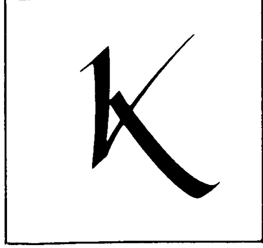
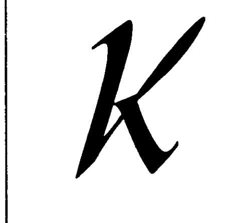
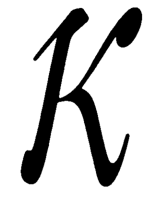
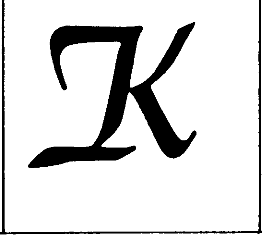
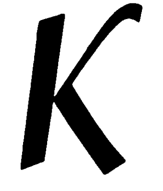
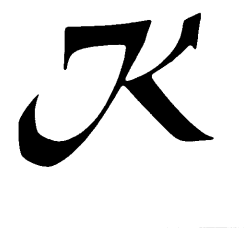
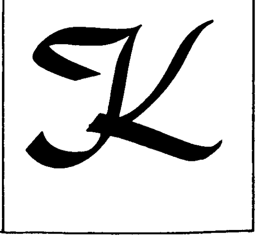
97

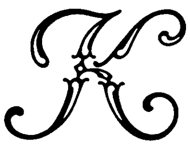


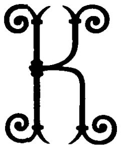
98

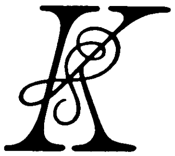


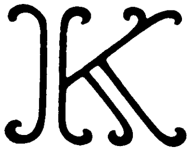
99

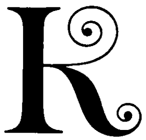
1

2

3

4

5

6

7

8

9

10

11

12

13

14

15

16

17

18

19

20

21

22

23

24

25

26

27

28

29

30

31

32

33

34

35


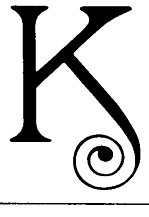
36


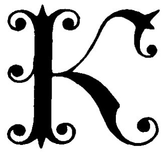
37


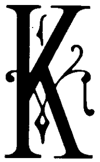
38


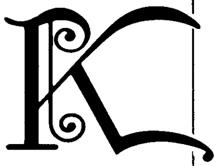
39


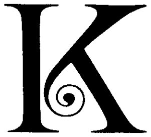
40


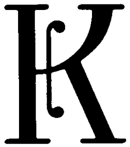
41


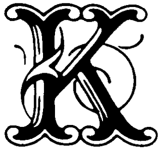
42


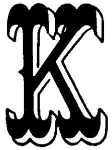
43


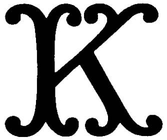
44


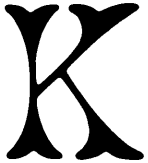
45


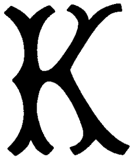
46


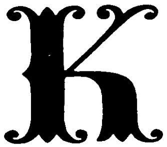
47


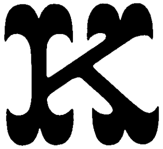
48


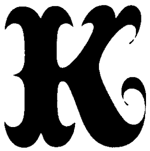
49


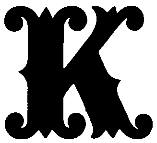
50


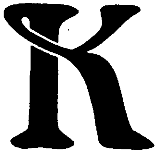
51


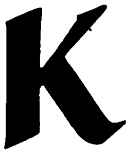
52


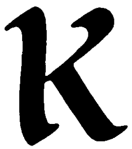
53


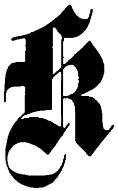
54


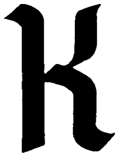
55


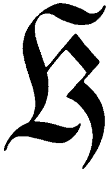
56


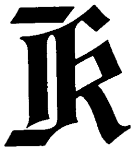
57


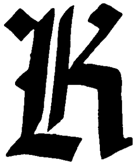
58


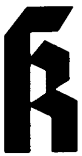
59


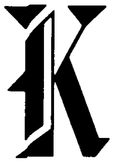
60


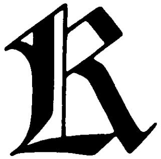
61


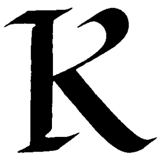
62


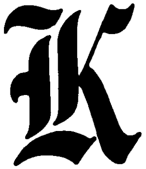
63


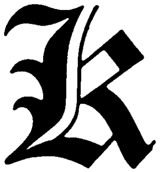
64


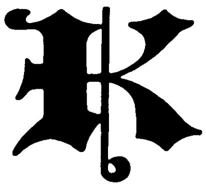
65


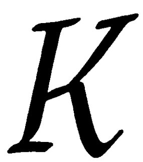
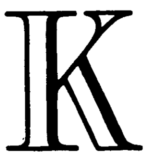
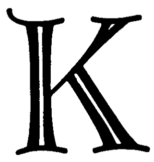
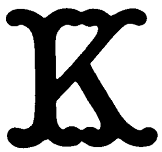
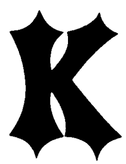
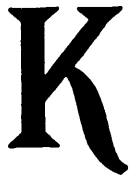
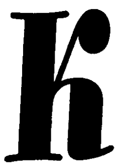
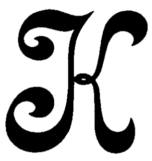
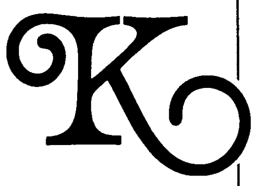
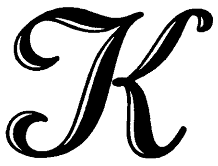
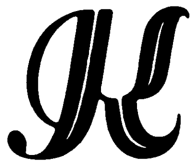
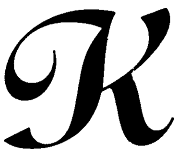
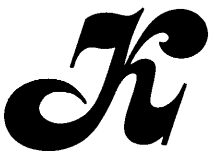
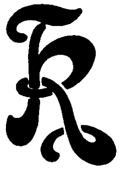
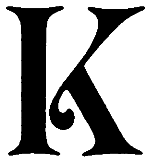
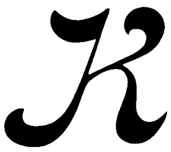
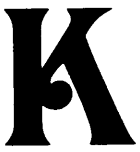
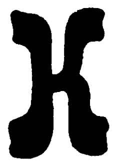
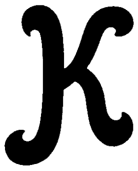
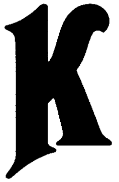
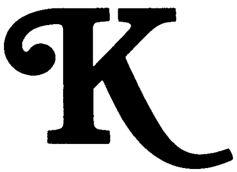
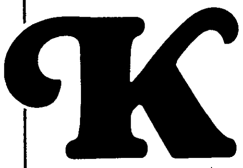
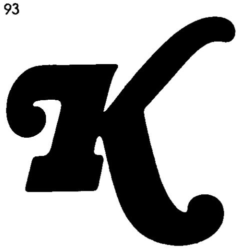
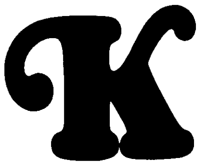
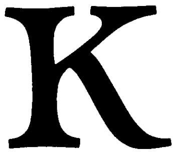
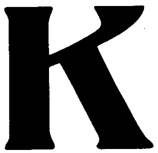
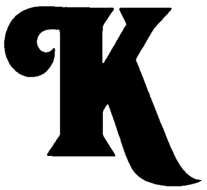
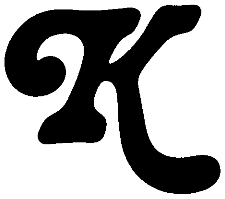
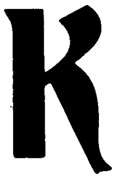
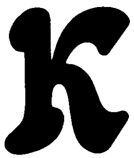
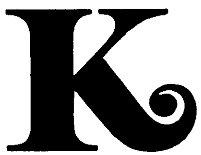
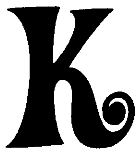
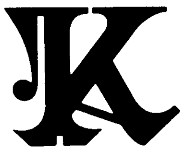
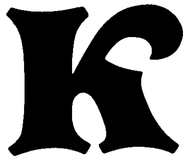
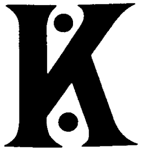
66


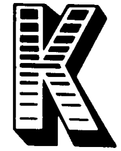
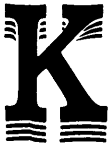
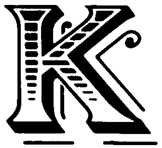
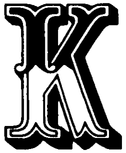
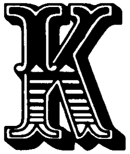
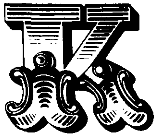
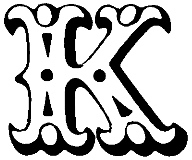
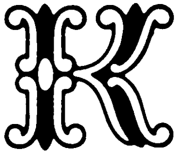
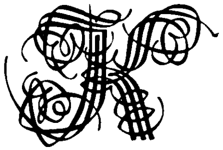
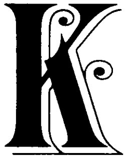
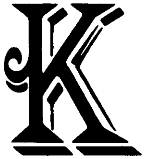
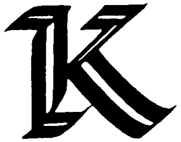
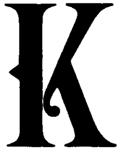
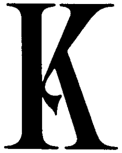
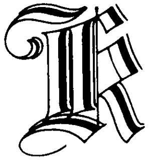
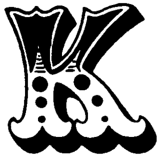
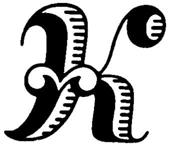
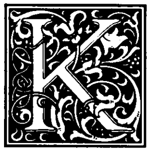
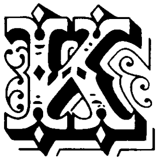
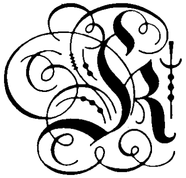
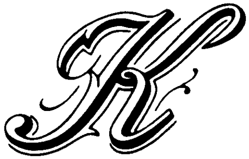
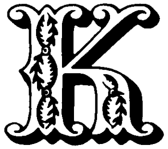
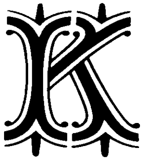
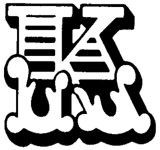
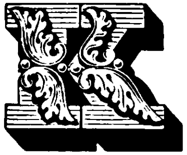
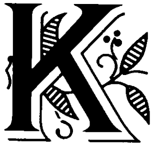
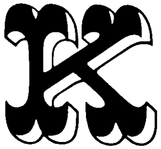
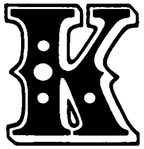
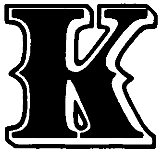
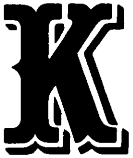
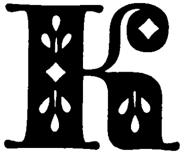
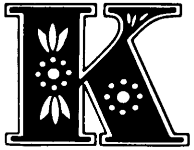
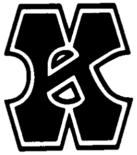
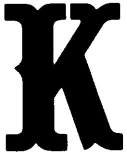
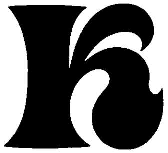
67


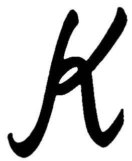
68


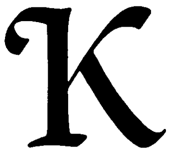
69


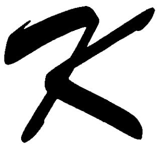
70


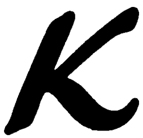
71

72

73

74

75

76

77

78

79

80

81

82

83

84

85

86

87

88

89

90

91

92

93

94

95

96

97

98

99

100

101

102

103

104

105


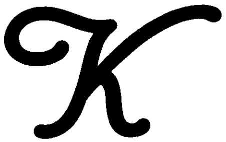
106

107

108

109

110

111

112

113

114

115

116

117

118

119

120

121

122

123

124

125

126

127

128

129

130

131

132

133

134

135

136

137

138

139

140


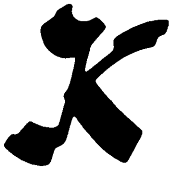
141


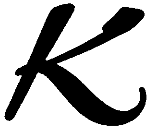
142


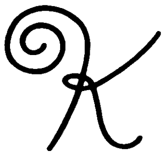
143


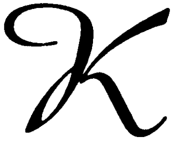
144


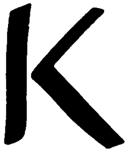
145


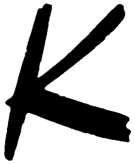
146


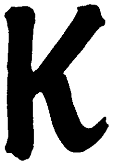
147


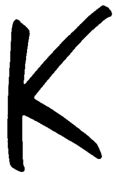
148


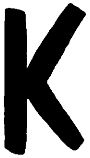
149


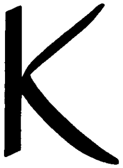
150


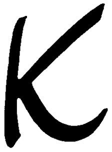
151


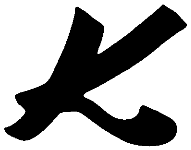
152


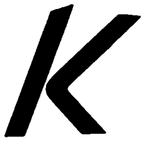
153


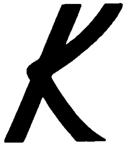
154


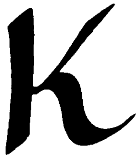
155


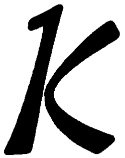
156


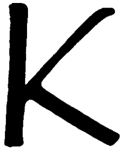
157


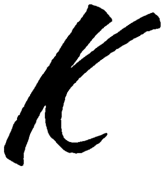
158


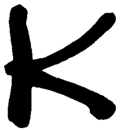
159


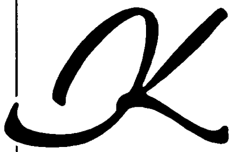
160


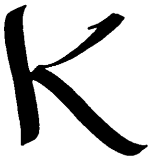
161


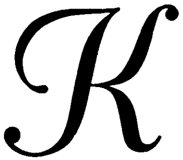
162


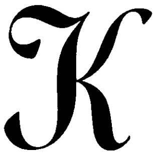
163


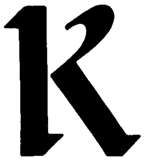
164


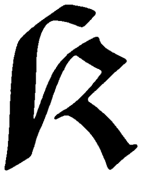
165


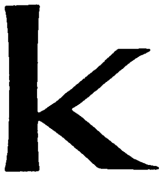
166


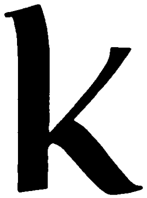
167


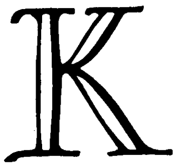
168


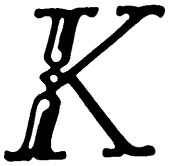
169


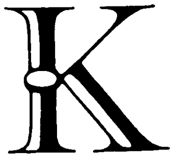
170


171


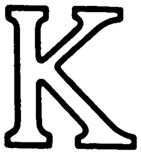
172


173


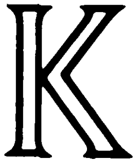
174


175


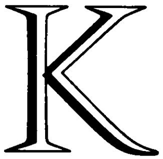
176



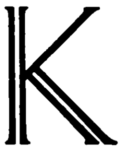
177



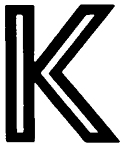
178



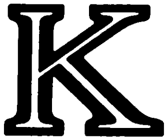
179



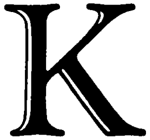
180



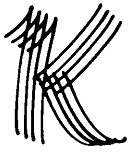
181



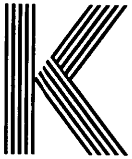
182



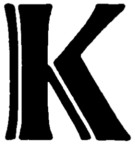
183



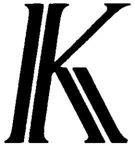
184



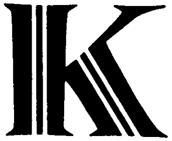
185



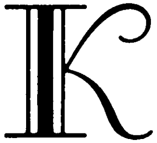
186



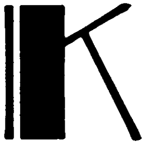
187



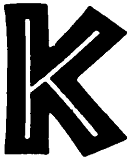
188



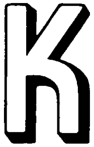
189



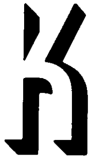
190



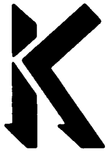
191



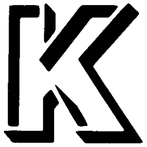
192



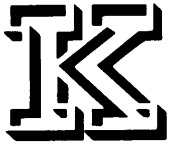
193



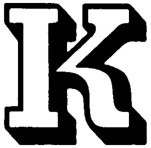
194



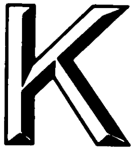
195



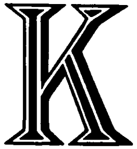
196



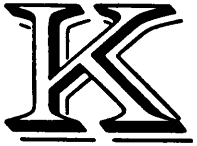
197



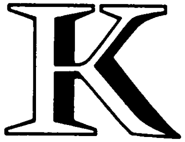
198



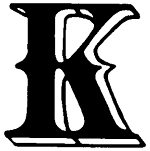
199



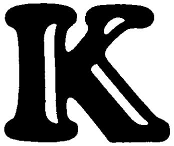
200



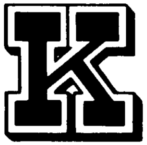
201



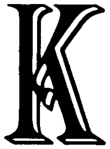
202



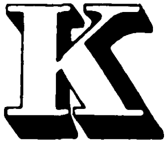
203



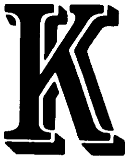
204



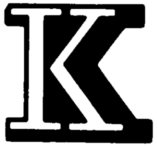
205



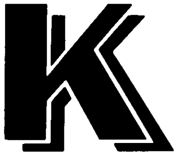
206



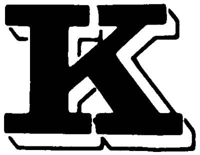
207



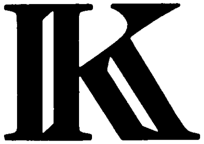
208



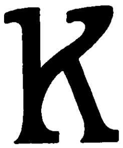
209



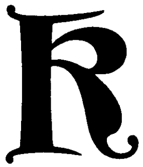
210



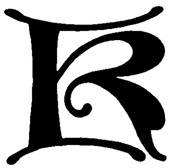
211



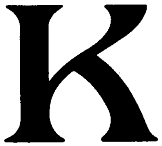
212



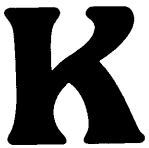
213



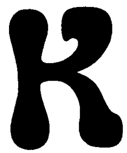
214



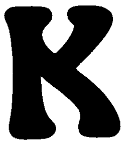
215



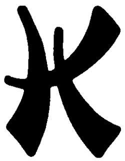
216



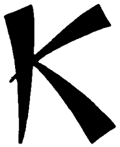
217



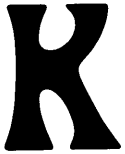
218



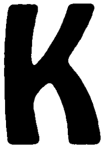
219



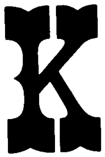
220



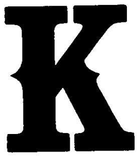
221



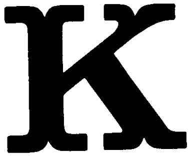
222



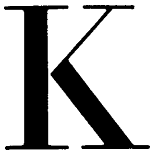
223



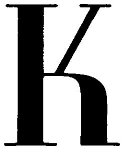
224



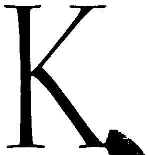
225



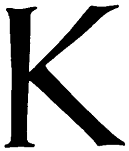
226



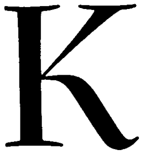
227



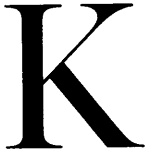
228



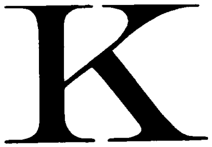
229



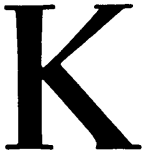
230



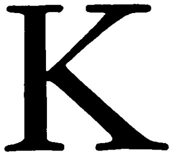
231



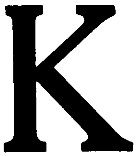
232



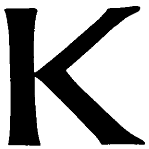
233



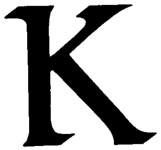
234



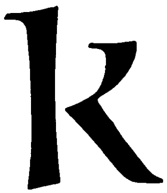
235



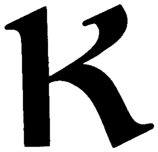
236



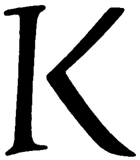
237



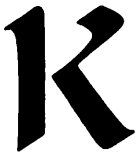
238



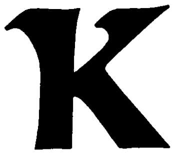
239



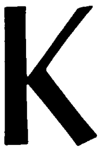
240



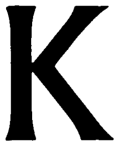
241



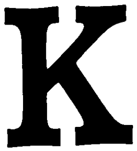
242



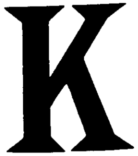
243



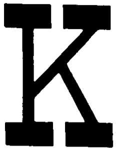
244



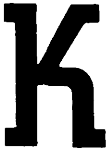
245



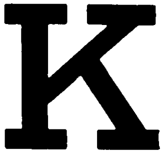
246



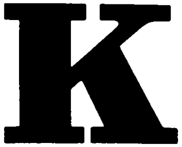
247



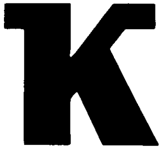
248



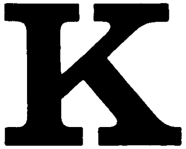
249



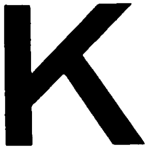
250



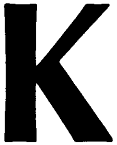
251



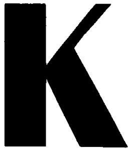
252



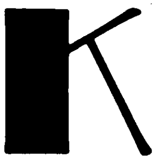
253



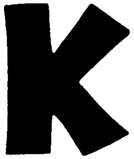
254



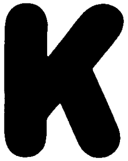
255



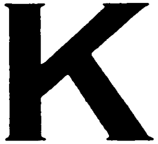
256



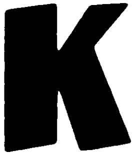
257



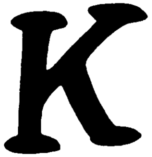
258



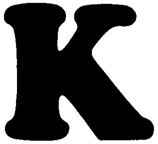
259



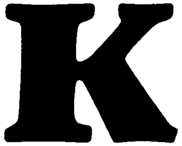
260



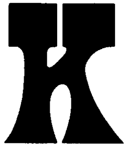
261



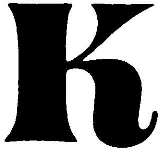
262



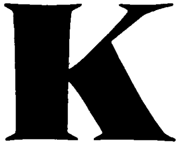
263



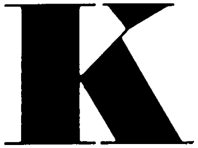
264



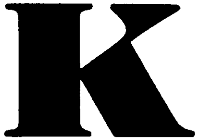
265



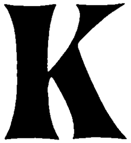
266



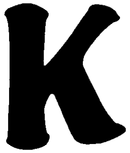
267



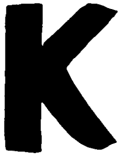
268



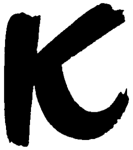
269



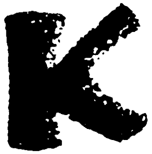
270



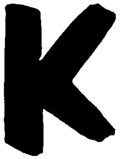
271



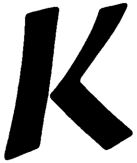
272



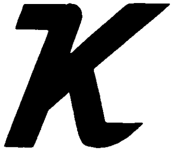
273



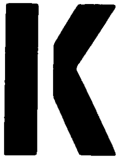
274



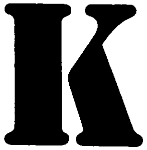
275



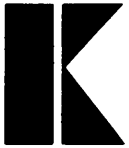
276



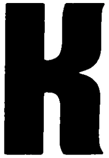
277



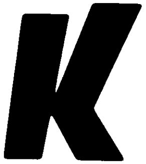
278

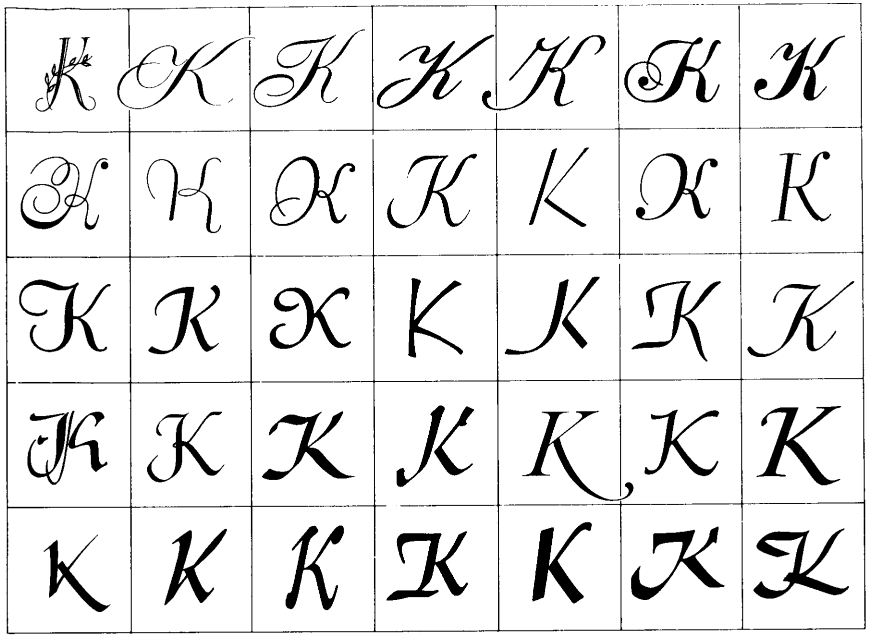


279

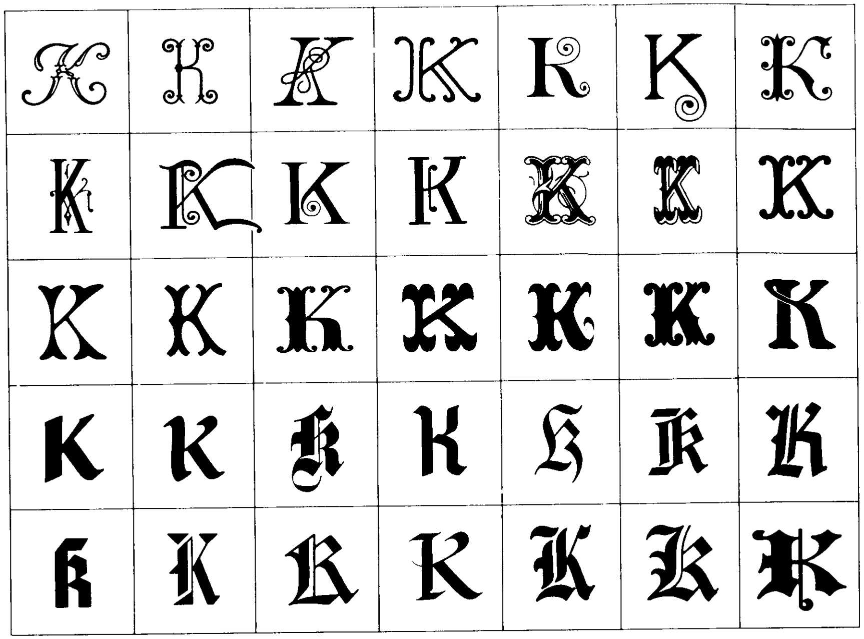


280

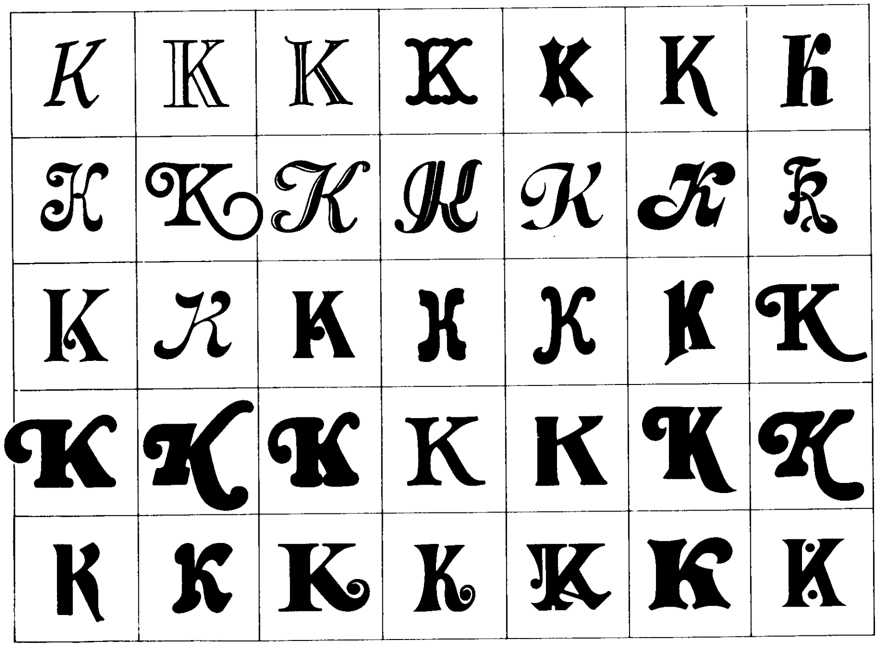




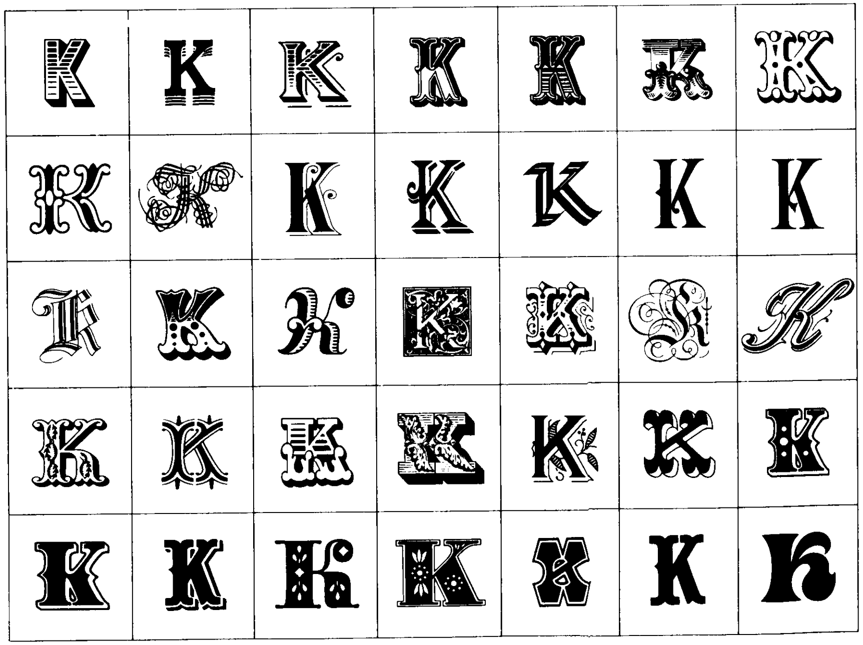
102



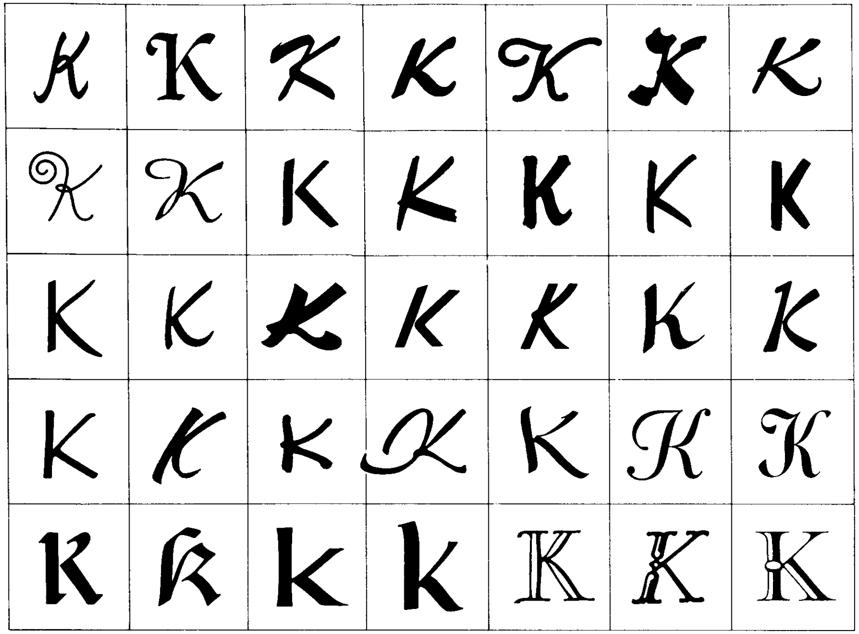
103



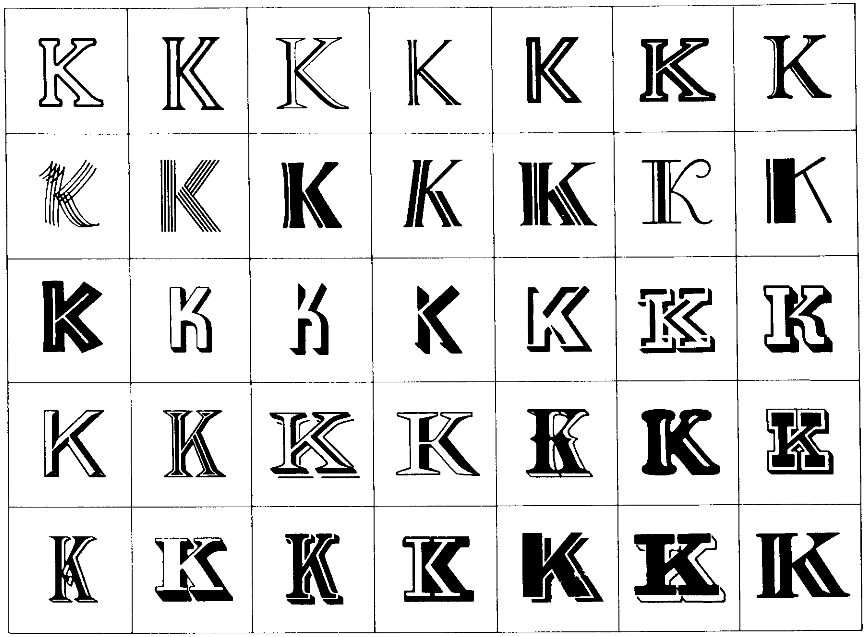
104



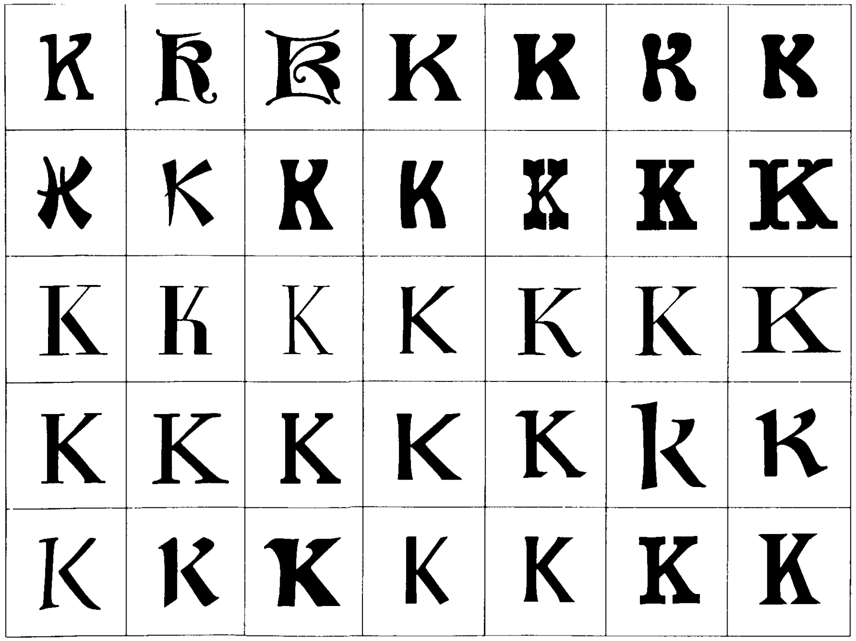
105



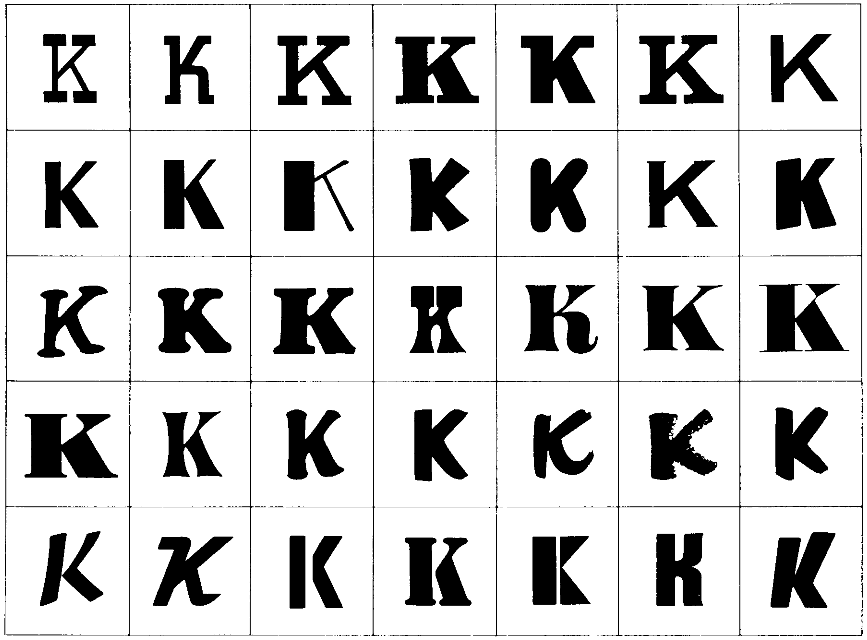
106



107

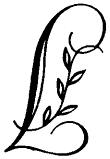


108

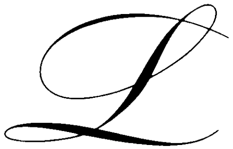


109

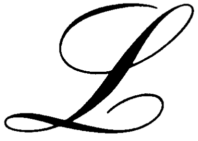
1



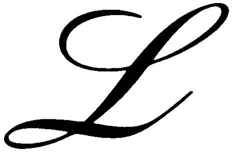
2



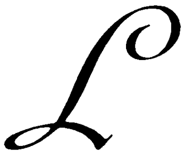
3



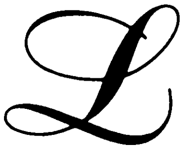
4



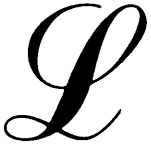
5



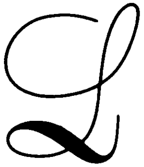
6



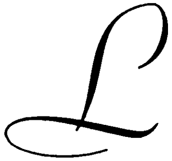
7



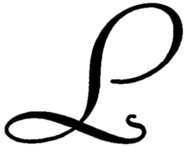
8



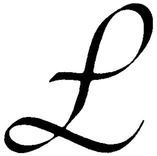
9



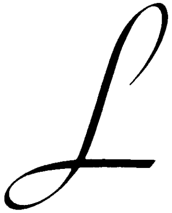
10



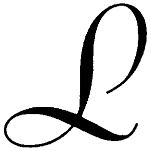
11



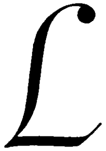
12



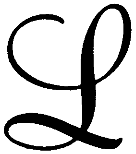
13



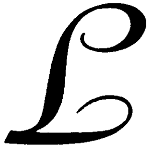
14



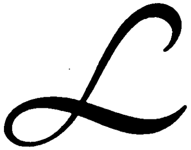
15



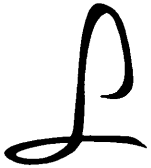
16



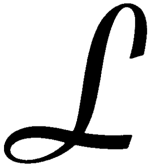
17



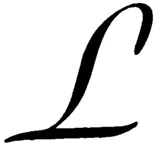
18



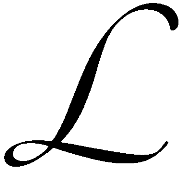
19



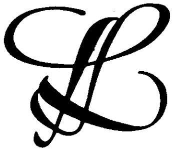
20



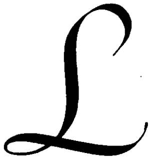
21



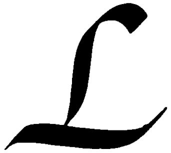
22



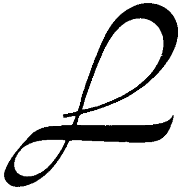
23



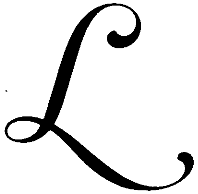
24



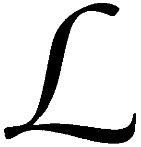
25



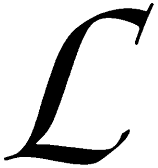
26



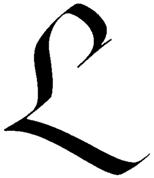
27



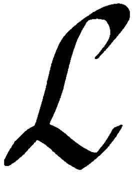
28



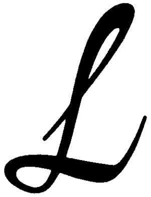
29



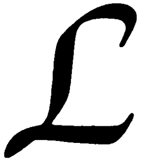
30



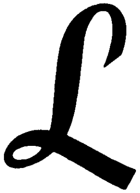
31



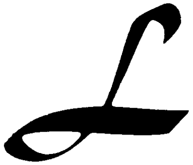
32



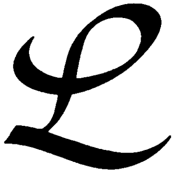
33



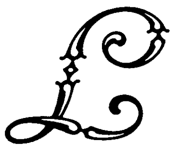
34



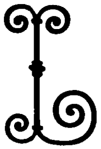
35



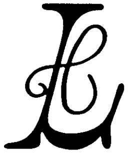
36



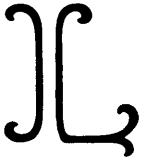
37



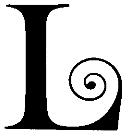
38



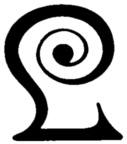
39



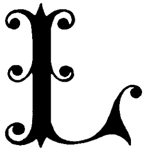
40



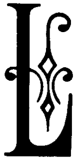
41



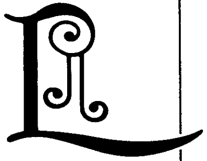
42



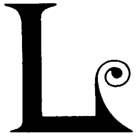
43



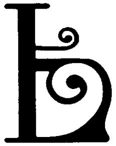
44



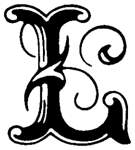
45



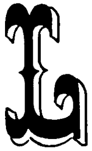
46



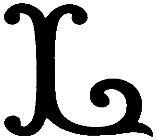
47



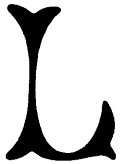
48



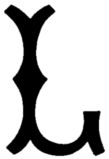
49



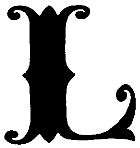
50



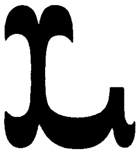
51



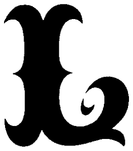
52



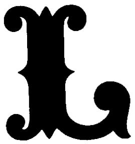
53



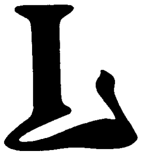
54



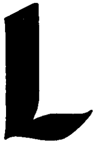
55



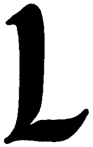
56



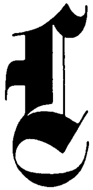
57



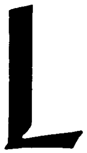
58



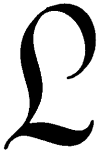
59



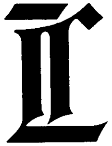
60



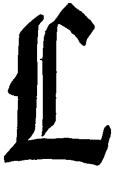
61



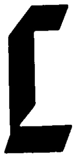
62



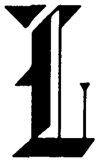
63



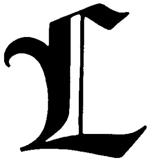
64



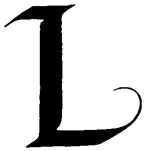
65



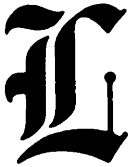
66



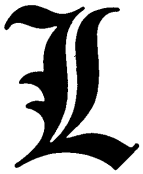
67



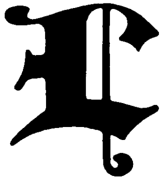
68



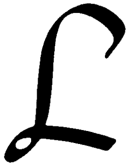
69



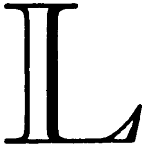
70



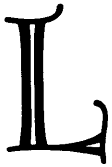
71



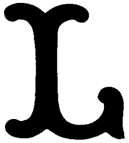
72



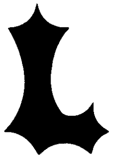
73



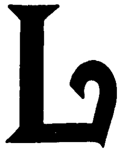
74



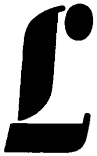
75



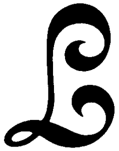
76



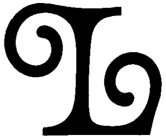
77



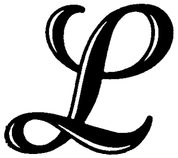
78



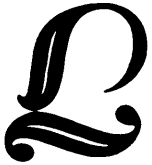
79



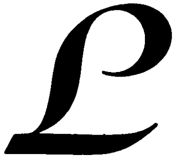
80



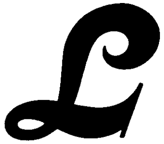
81



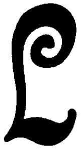
82



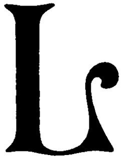
83



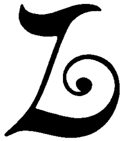
84



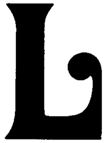
85



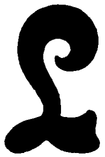
86



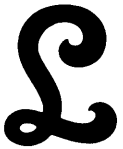
87



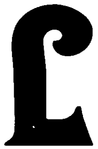
88



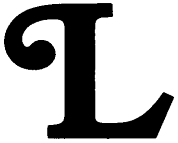
89



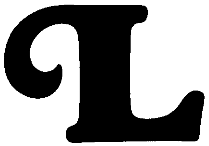
90



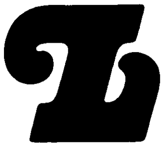
91



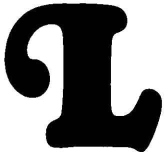
92



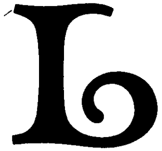
93



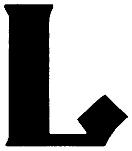
94



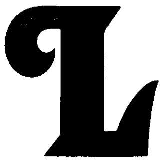
95



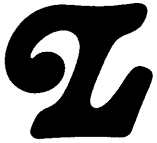
96



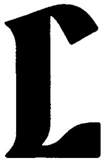
97



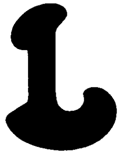
98



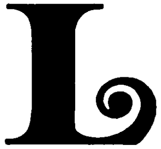
99



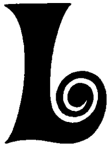
100



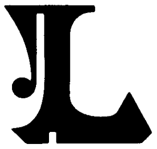
101



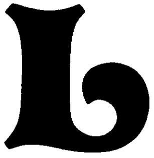
102



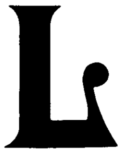
103

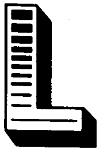


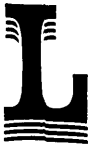
104

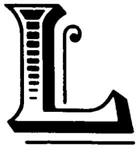


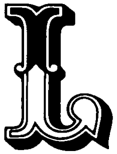
105

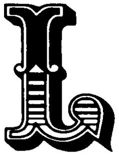


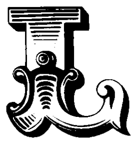
106


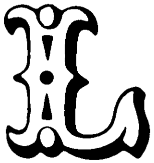
107


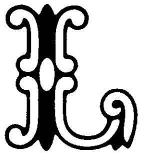
108


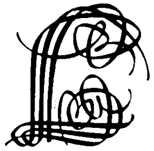
109


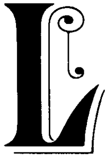
110


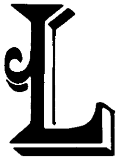
111


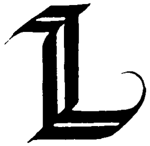
112


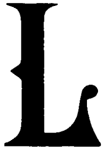
113


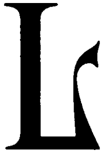
114


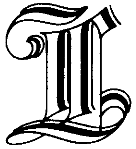
115


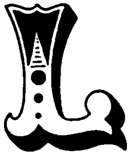
116


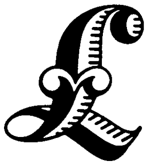
117


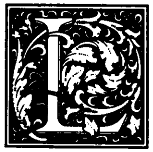
118


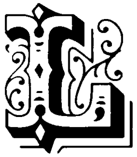
119


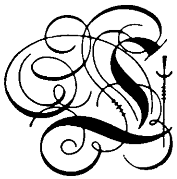
120


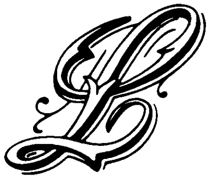
121


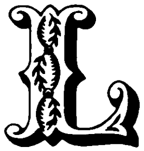
122


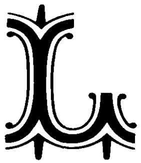
123


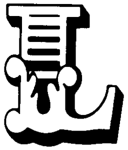
124


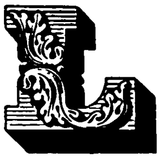
125


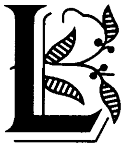
126


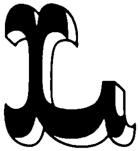
127


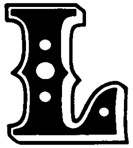
128


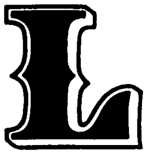
129


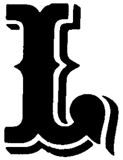
130


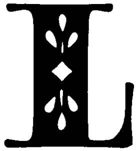
131


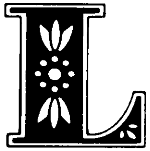
132


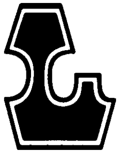
133


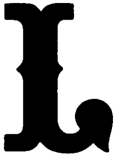
134


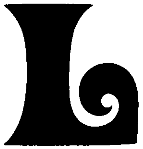
135


136


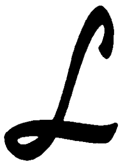
137


138


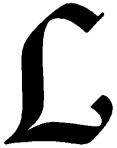
139


140


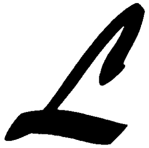
141



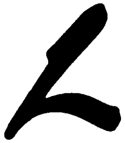
142



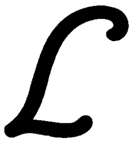
143



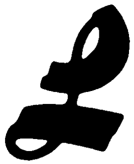
144



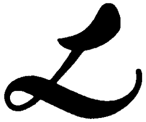
145



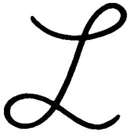
146



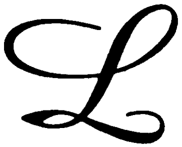
147



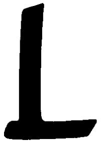
148



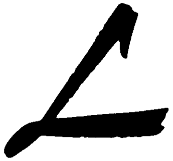
149



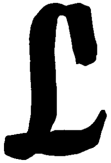
150



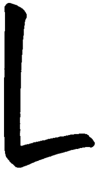
151



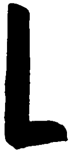
152



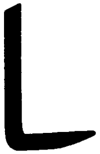
153



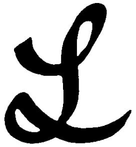
154



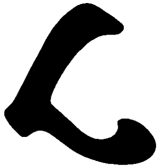
155



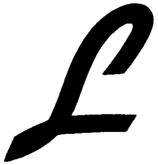
156



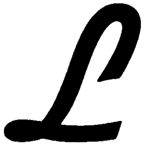
157



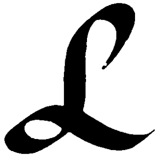
158



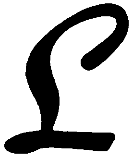
159



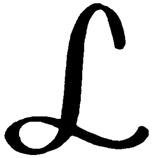
160



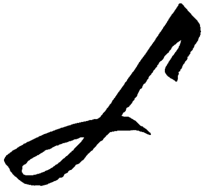
161



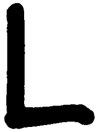
162



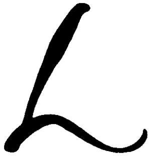
163



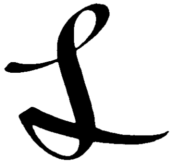
164



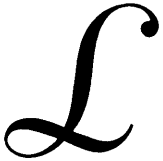
165



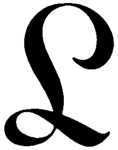
166



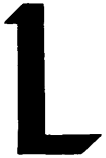
167



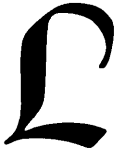
168



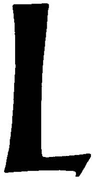
169



170

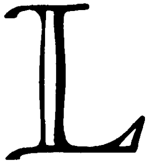


171

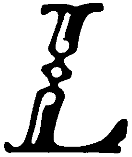


172

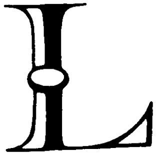
173

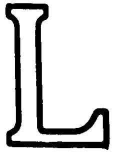
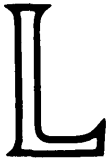
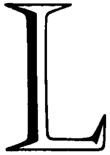
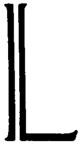
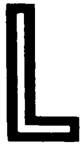
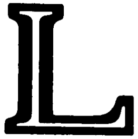
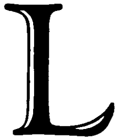
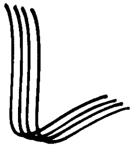
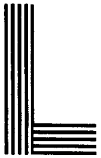
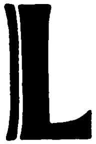
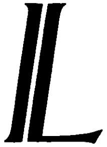
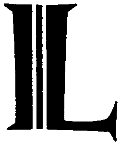
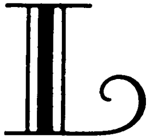


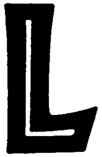
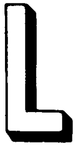
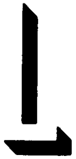
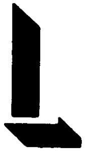
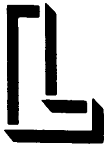
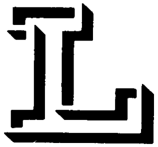
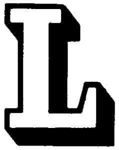
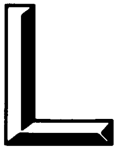
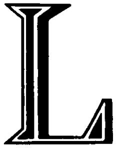
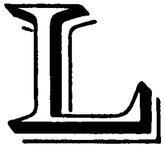
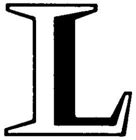
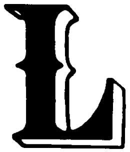
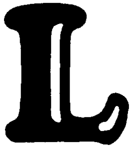
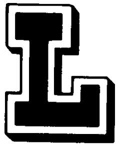
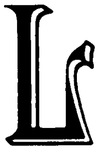
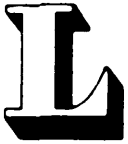
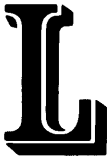
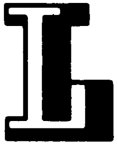
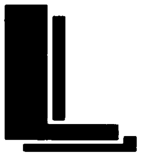
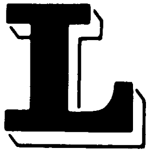
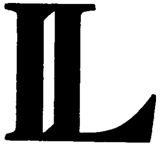
174

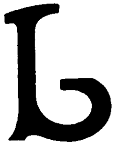
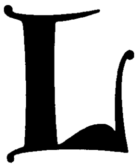
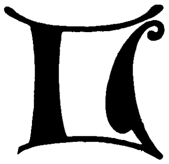
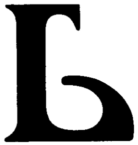
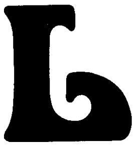
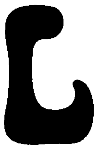
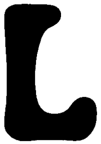
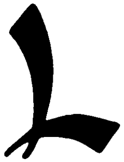
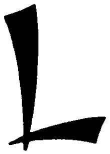
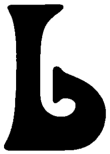
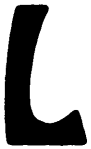
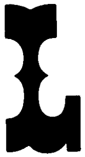
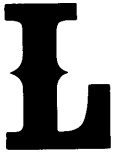
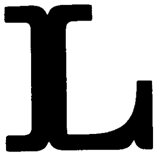
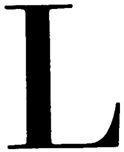
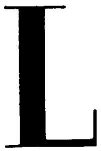
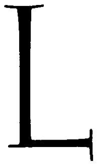
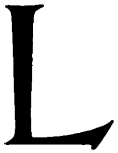
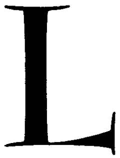
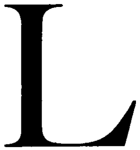
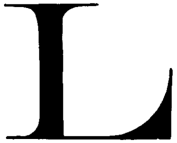
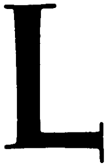
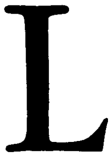
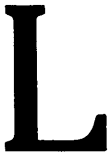
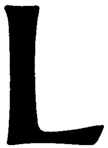
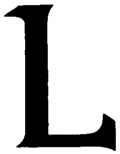
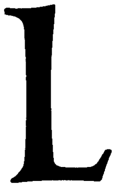
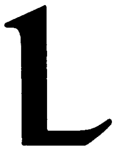
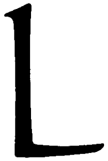
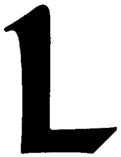
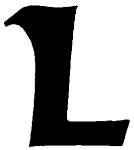
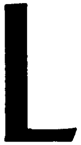
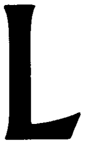
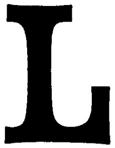
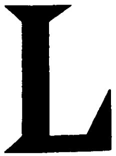


175

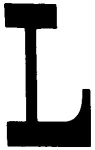


176

177

178

179

180

181

182

183

184

185

186

187

188

189

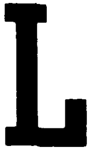
190

191

192

193

194

195

196

197

198

199

200

201

202

203

204

205

206

207

208

209

210


211

212

213

214

215

216

217

218

219

220

221

222

223

224

225

226

227

228

229

230

231

232

233

234

235

236

237

238

239

240

241

242

243

244

245


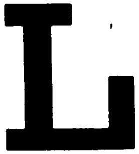
246



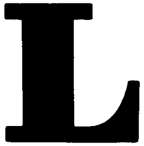
247



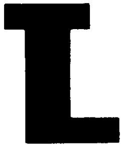
248



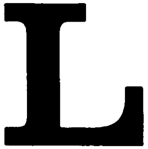
249



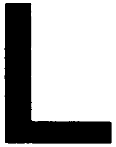
250



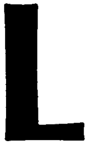
251



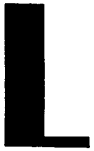
252



253

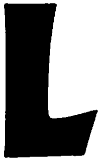


254

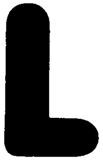


255

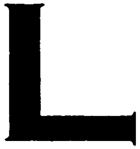
256



257

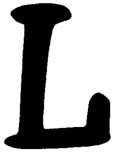


258

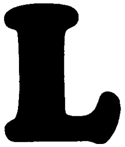


259

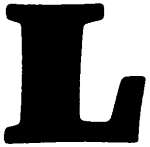
260



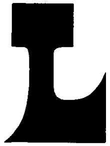
261



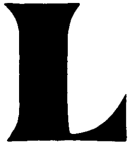
262



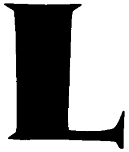
263



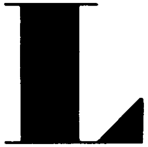
264



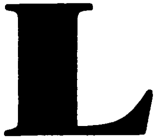
265



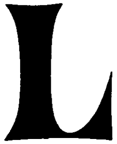
266



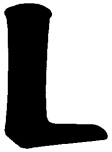
267



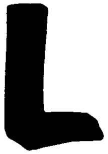
268



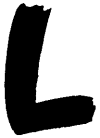
269



270

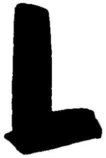


271

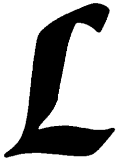


272

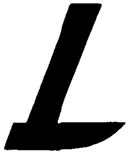
273



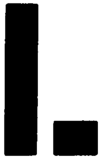
274



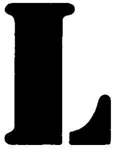
275



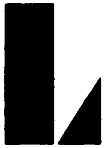
276



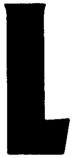
277



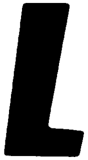
278

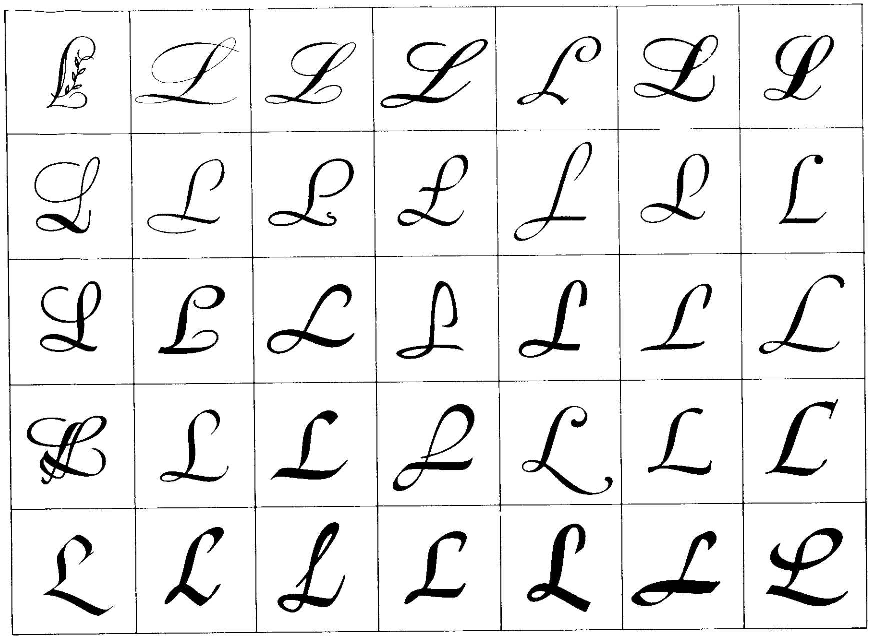


279

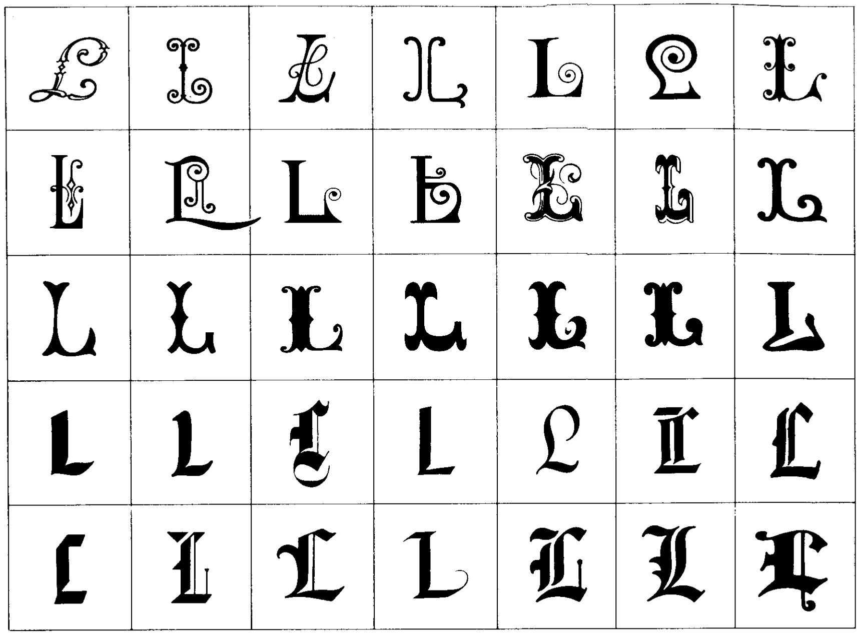


280

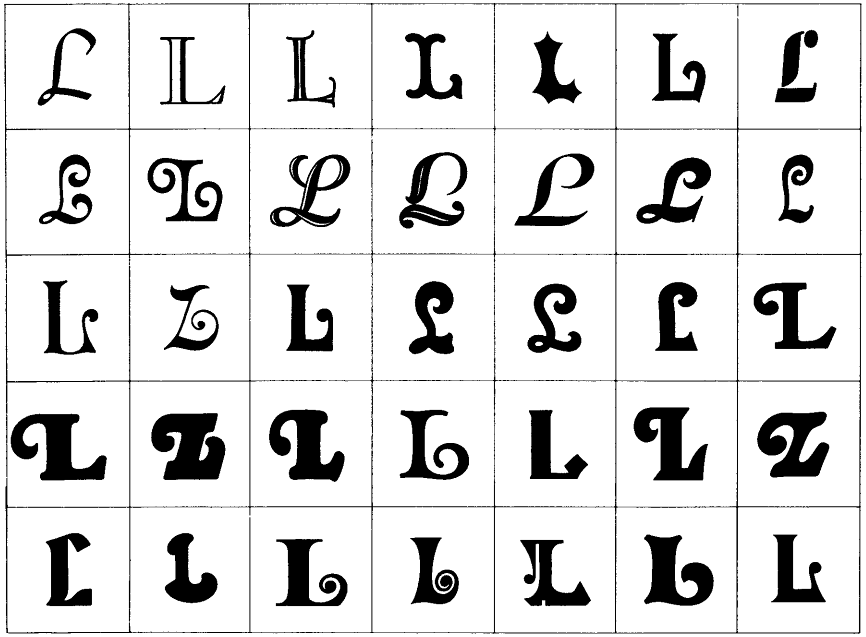




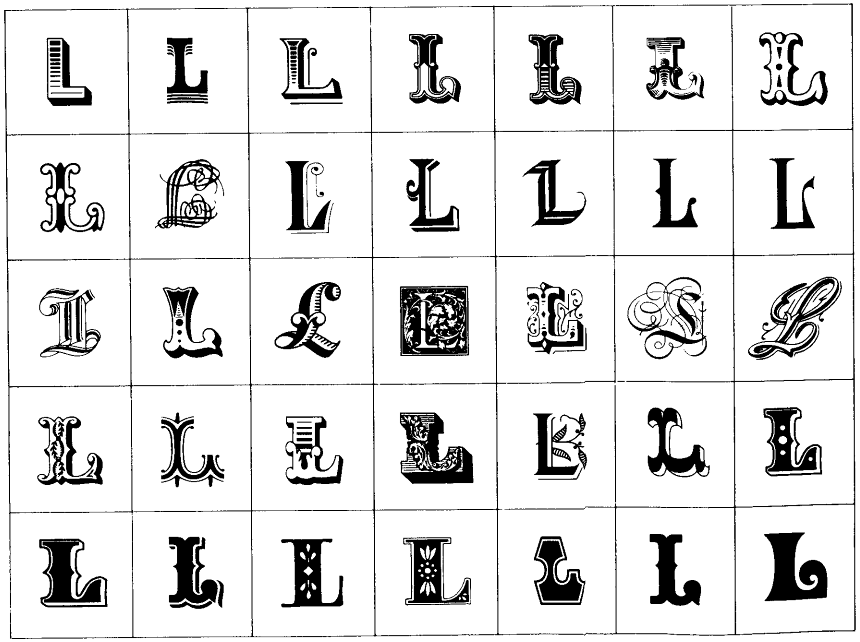
112



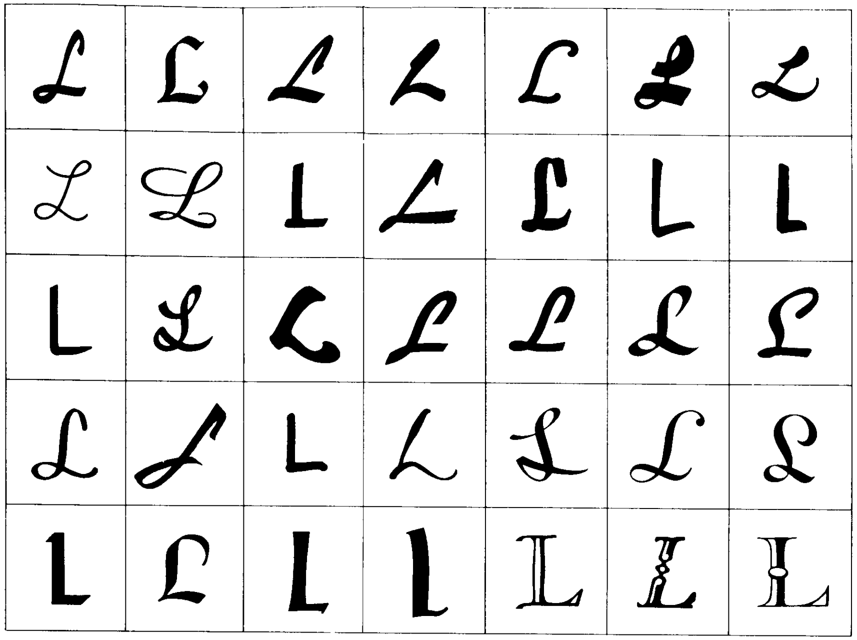
113



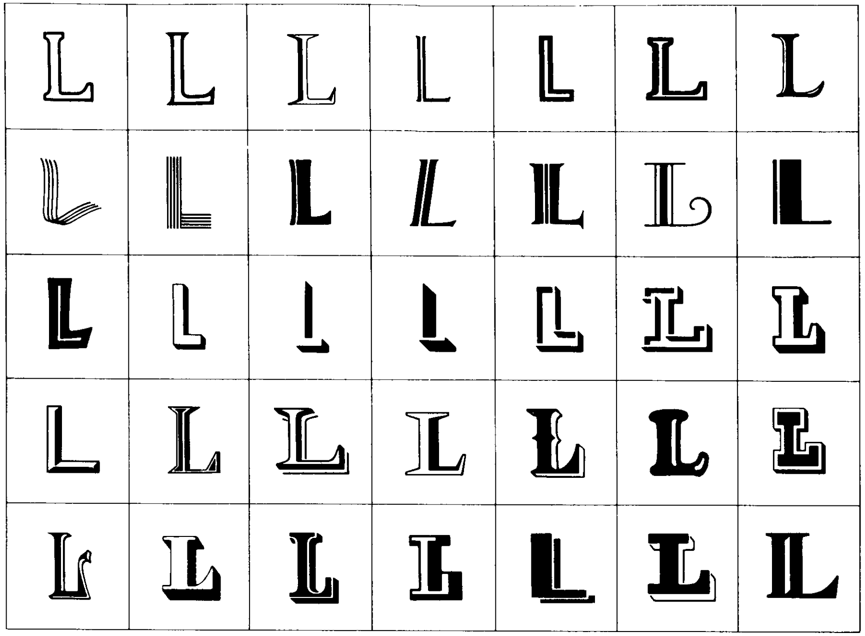
114



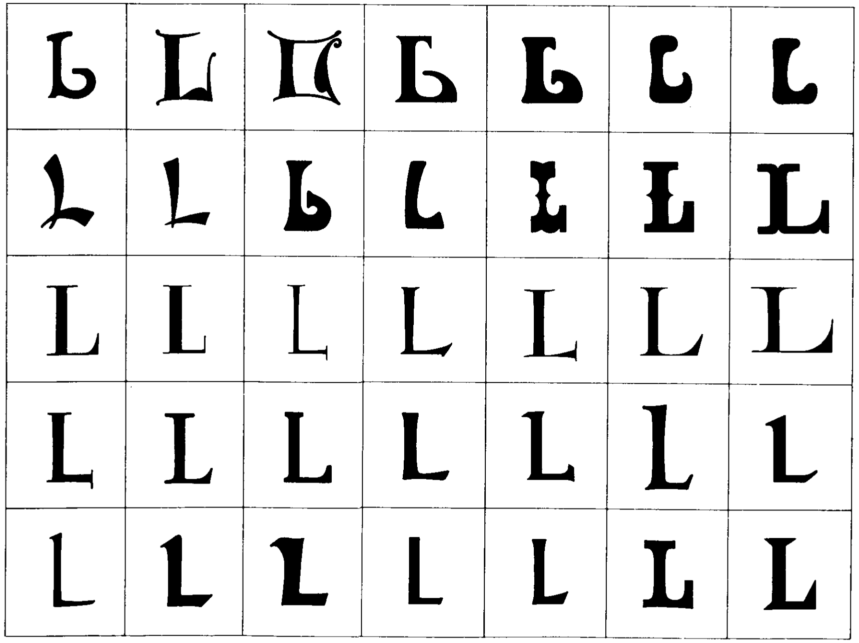
115



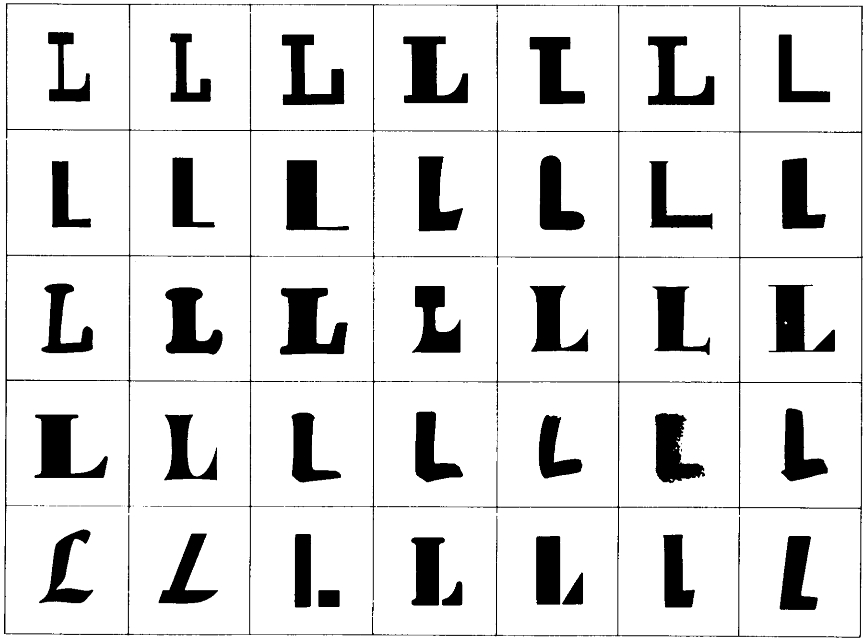
116



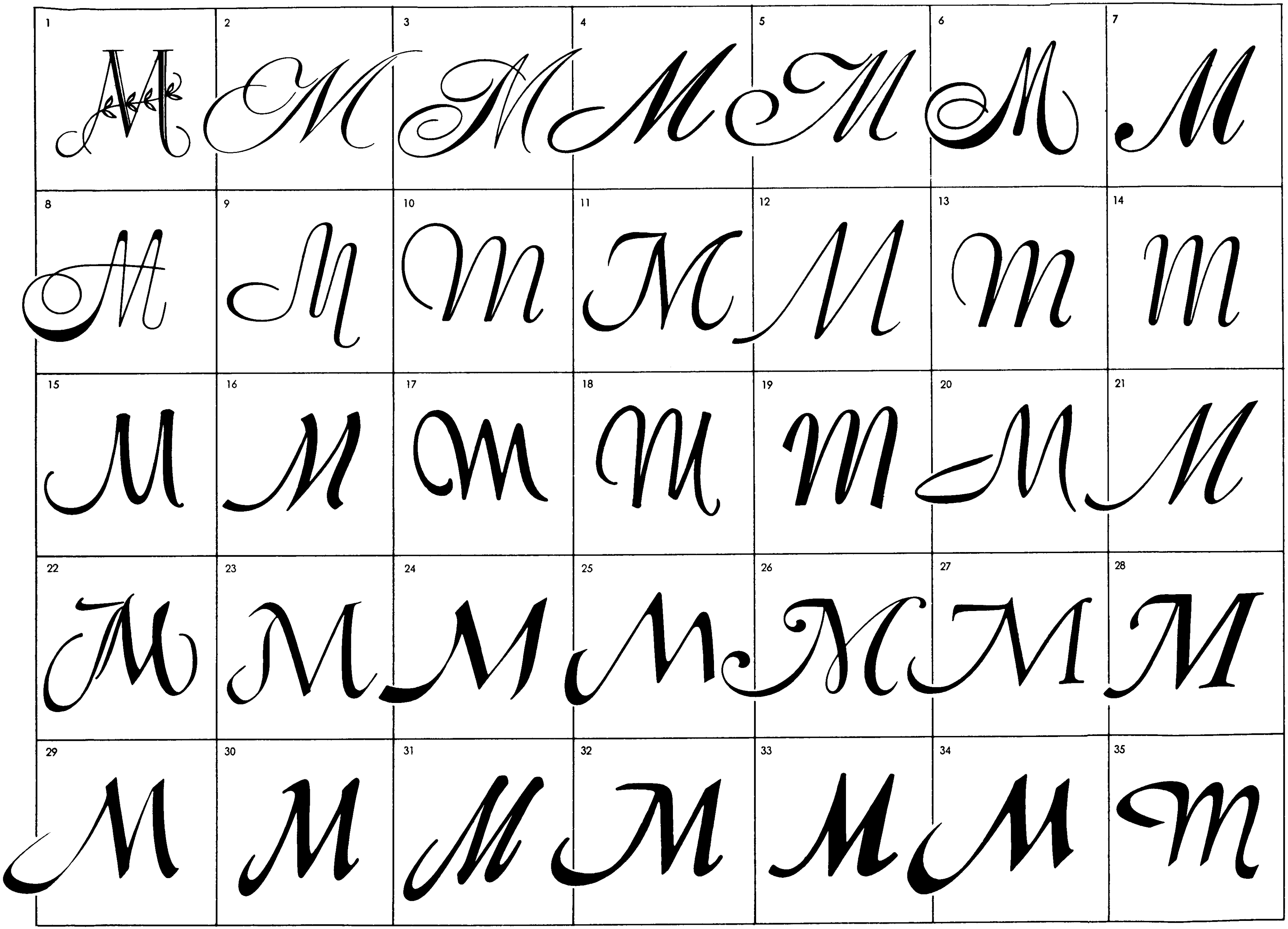
117



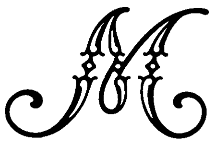
118



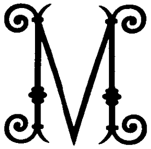
119


1
2
3
4
5
6
7
8
9
10
11
12
13
14
15
16
17
18
19
20
21
22
23
24
25
26
27
28
29
30
31
32
33
34
35

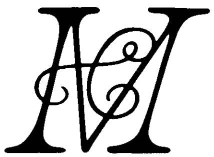
36



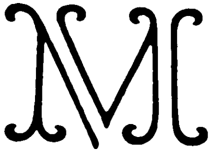
37



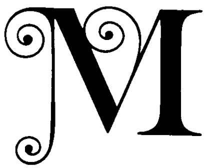
38



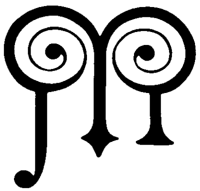
39



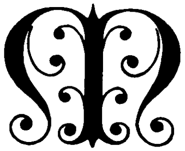
40



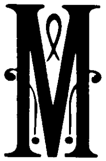
41



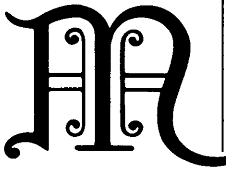
42



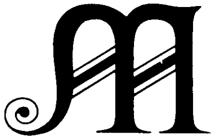
43



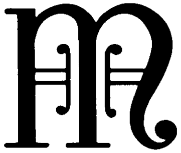
44



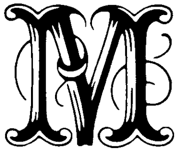
45



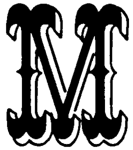
46



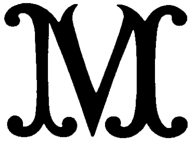
47



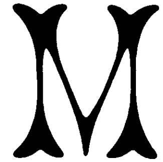
48



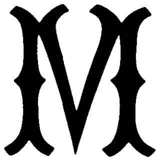
49



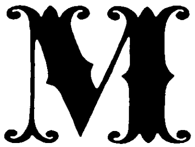
50



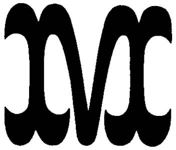
51



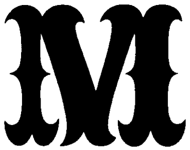
52



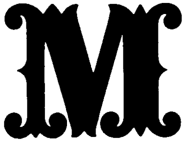
53



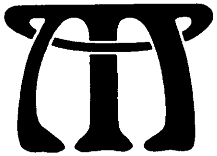
54



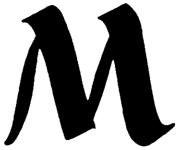
55



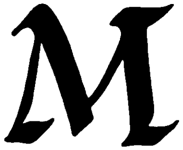
56



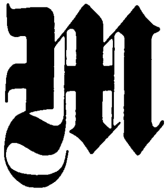
57



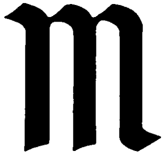
58



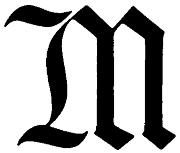
59



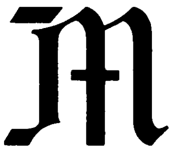
60



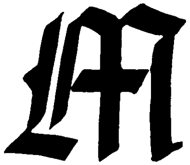
61



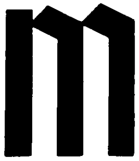
62



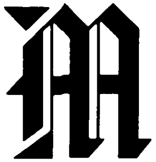
63



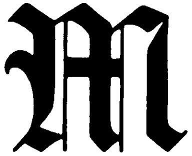
64



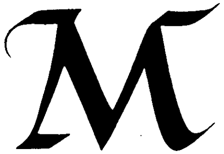
65



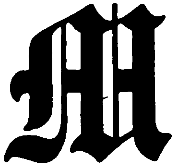
66



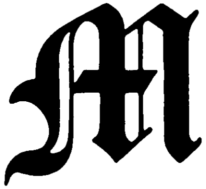
67



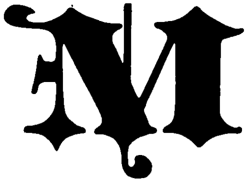
68



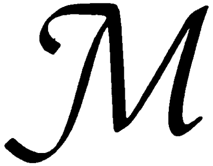
69



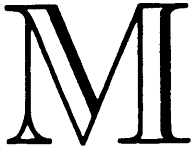
70



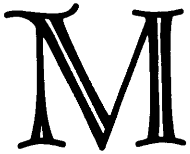
71



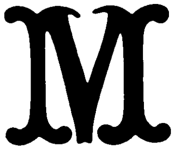
72



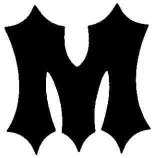
73



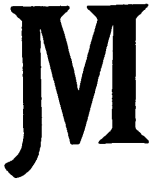
74



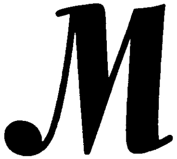
75



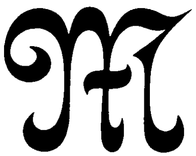
76



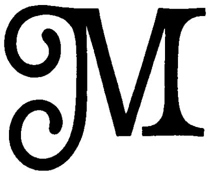
77



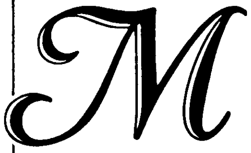
78



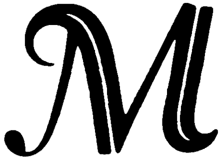
79



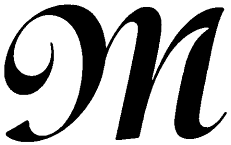
80



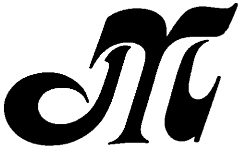
81



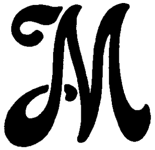
82



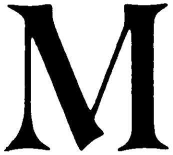
83



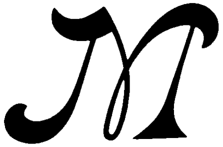
84



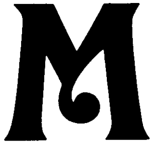
85



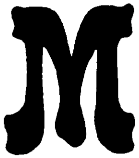
86



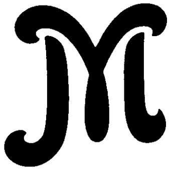
87



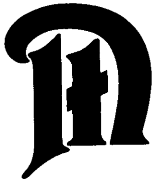
88



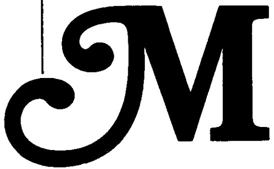
89



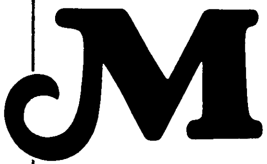
90



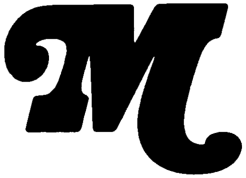
91



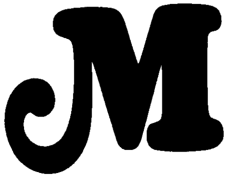
92



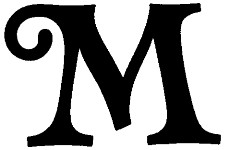
93



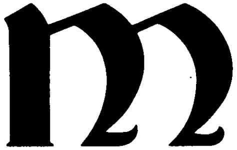
94



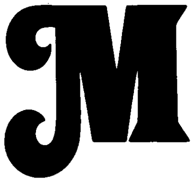
95



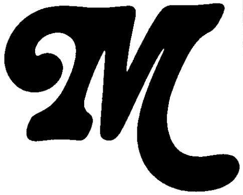
96



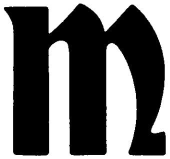
97



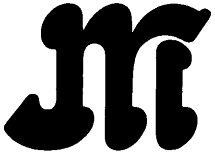
98



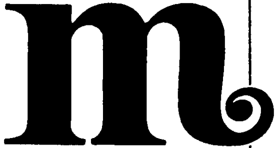
99



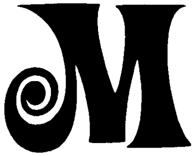
100



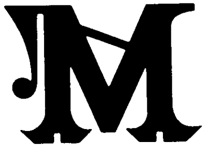
101



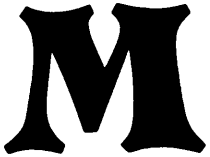
102



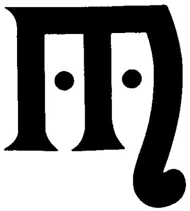
103



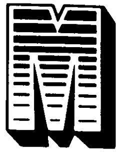
104



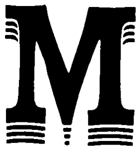
105



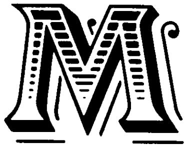
106



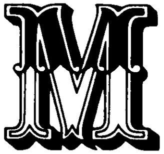
107



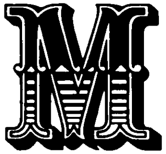
108



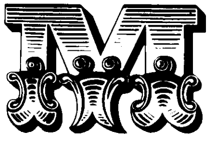
109



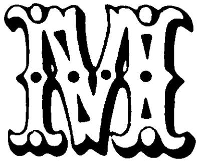
110



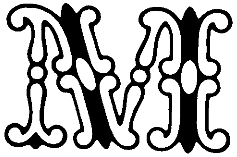
111



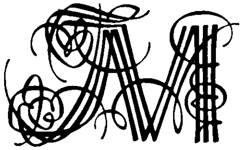
112



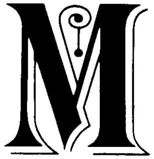
113



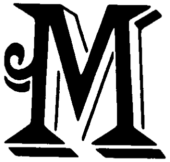
114



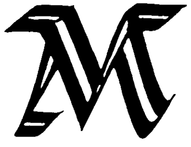
115



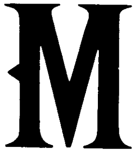
116



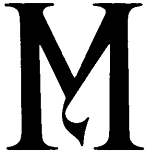
117



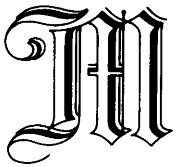
118



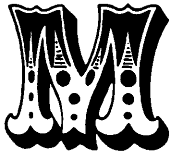
119



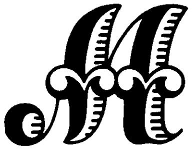
120



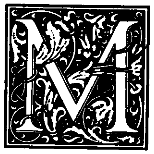
121



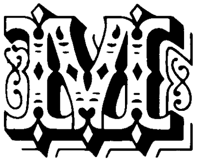
122



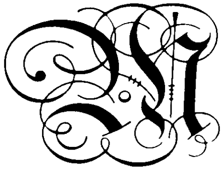
123



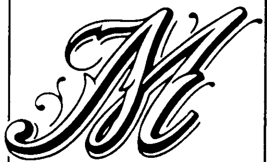
124



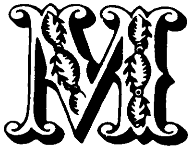
125



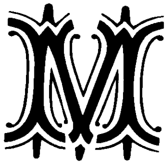
126



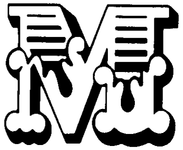
127



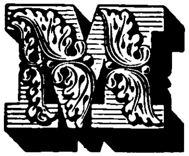
128



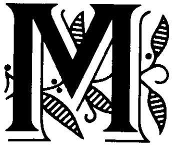
129



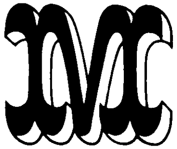
130



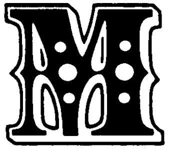
131



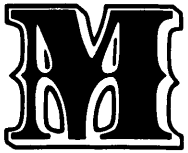
132



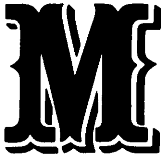
133



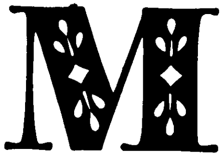
134



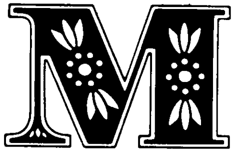
135



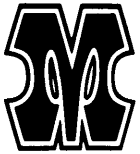
136



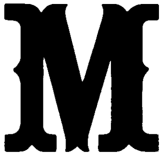
137



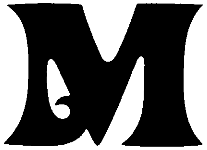
138



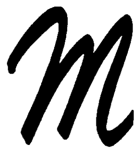
139



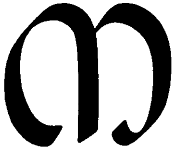
140



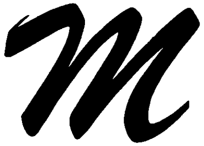
141



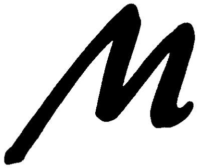
142



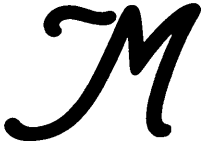
143



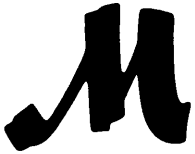
144



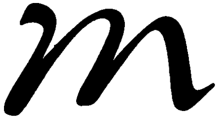
145



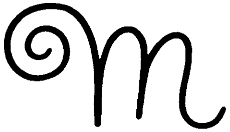
146



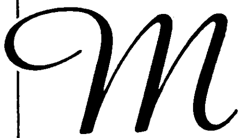
147



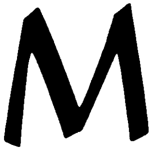
148



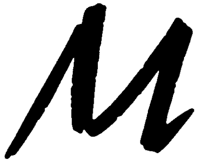
149



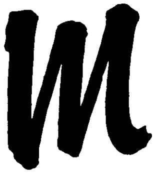
150



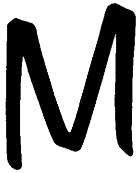
151



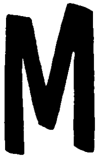
152



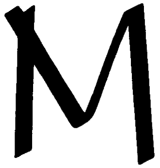
153



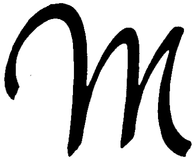
154



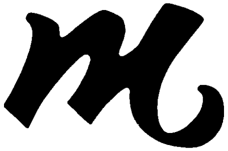
155



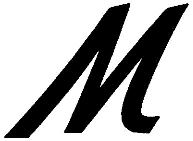
156



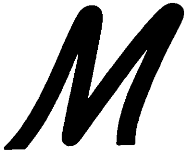
157



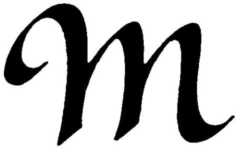
158



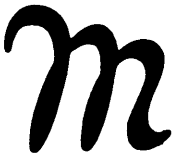
159



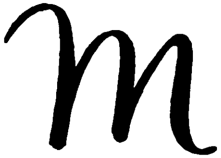
160



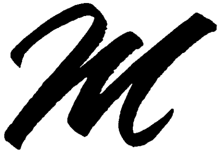
161



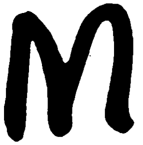
162



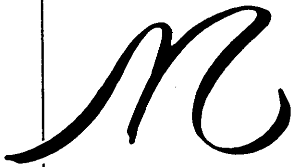
163



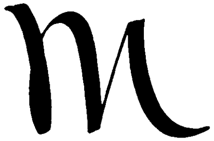
164



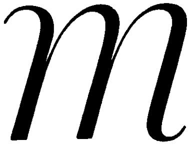
165



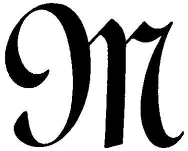
166



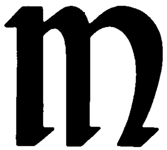
167



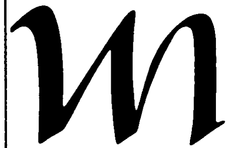
168



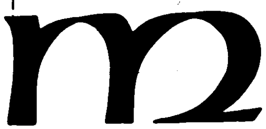
169



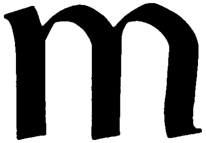
170



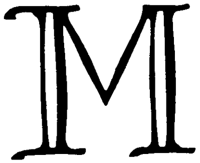
171



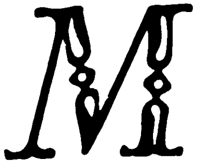
172



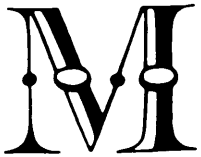
173

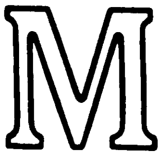


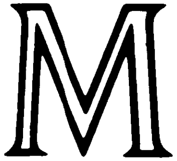
174

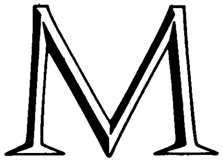


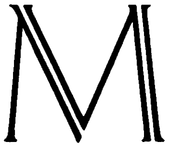
175

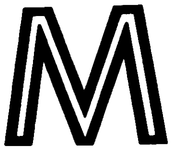


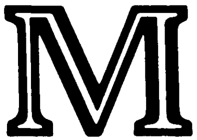
176


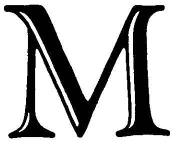
177


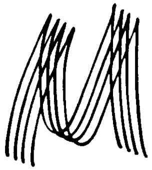
178


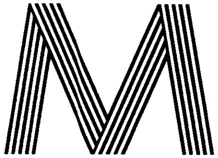
179


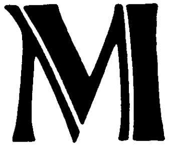
180


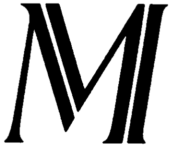
181


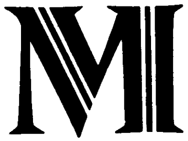
182


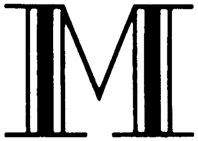
183


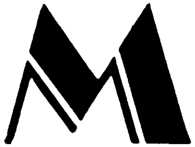
184


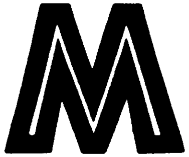
185


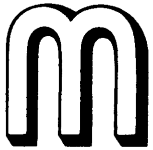
186


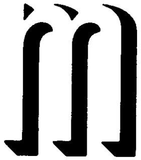
187


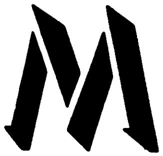
188


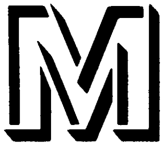
189


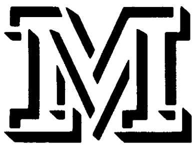
190


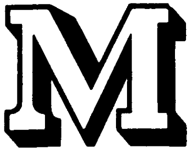
191


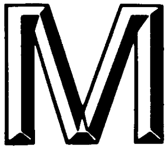
192


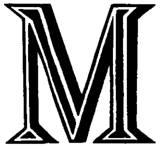
193


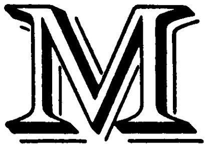
194


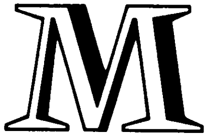
195


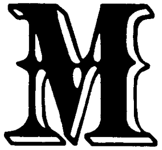
196


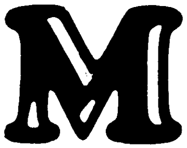
197


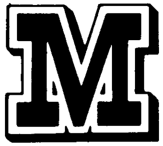
198


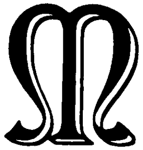
199


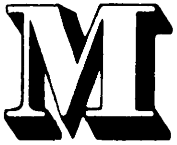
200


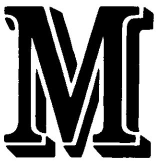
201


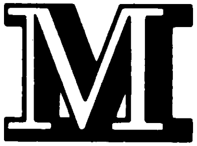
202


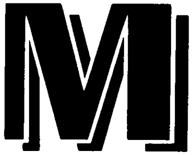
203


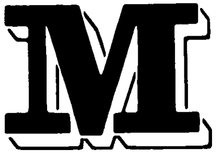
204


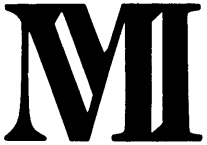
205


206


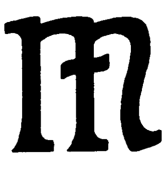
207


208


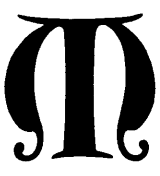
209


210


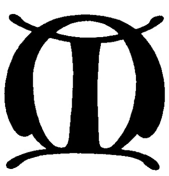
211



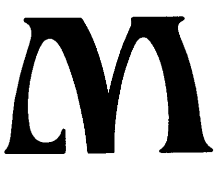
212



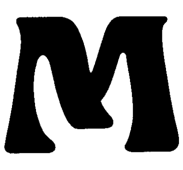
213



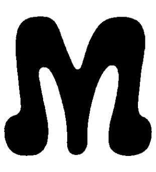
214



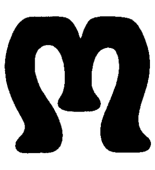
215



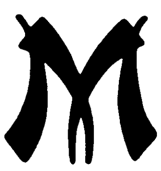
216



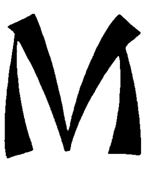
217



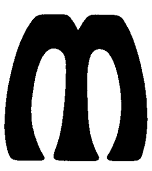
218



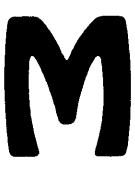
219



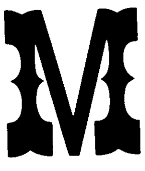
220



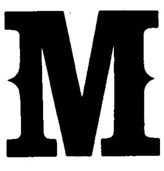
221



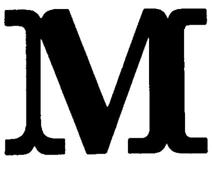
222



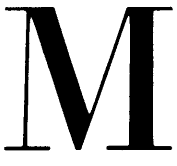
223



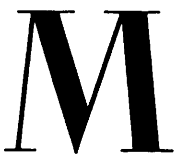
224



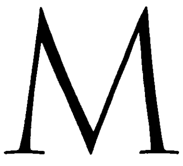
225



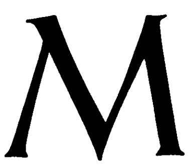
226



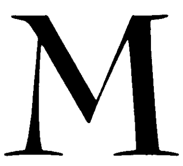
227



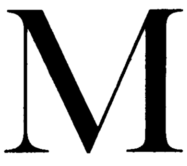
228



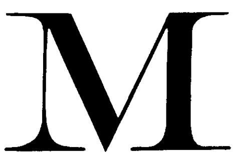
229



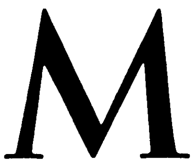
230



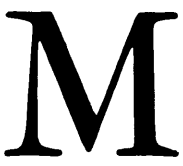
231



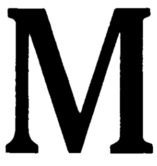
232



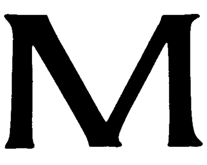
233



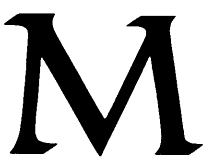
234



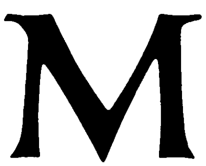
235



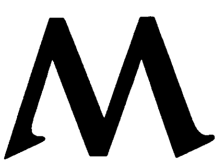
236



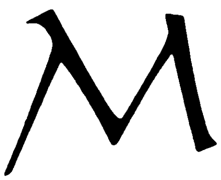
237



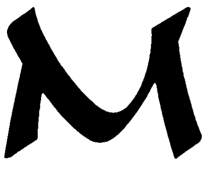
238



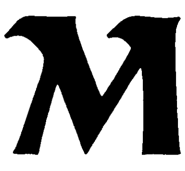
239



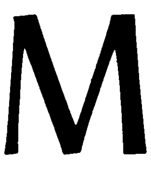
240



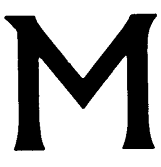
241



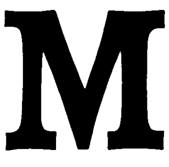
242



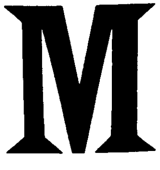
243

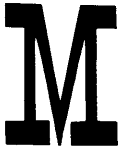


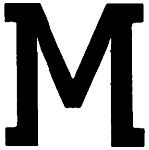
244

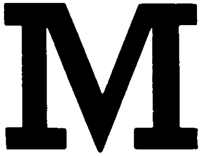


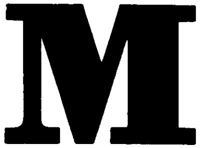
245

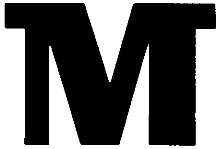


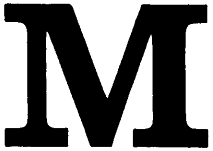

246

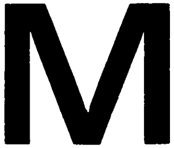

247

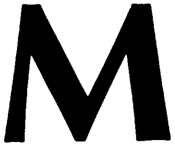

248

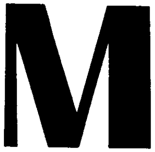

249

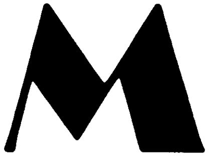

250

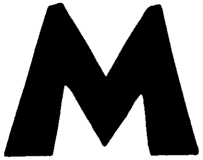

251

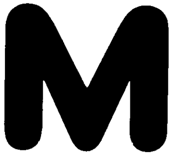

252

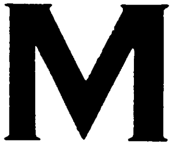

253

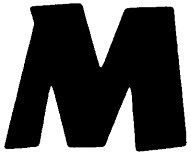

254

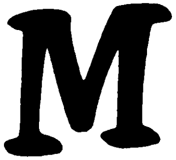

255

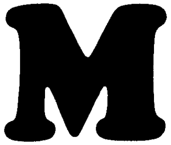

256

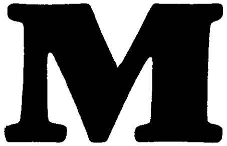

257

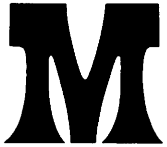

258

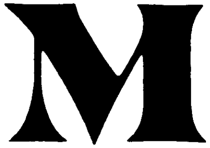

259

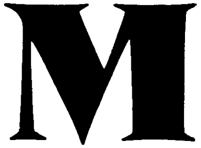

260

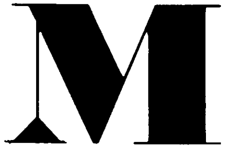

261

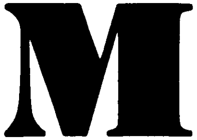

262

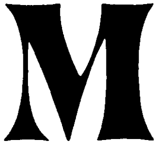

263

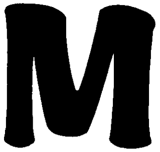

264

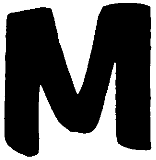

265

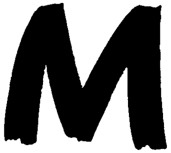

266

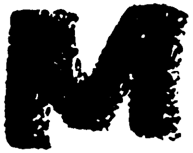

267

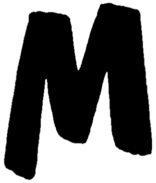

268

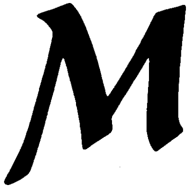

269

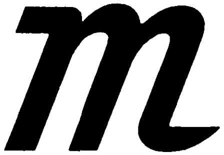

270

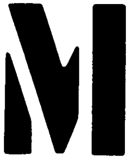

271

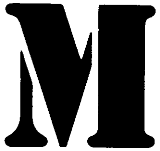

272

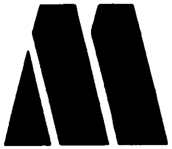

273

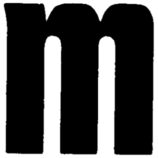

274

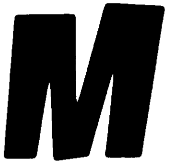

275

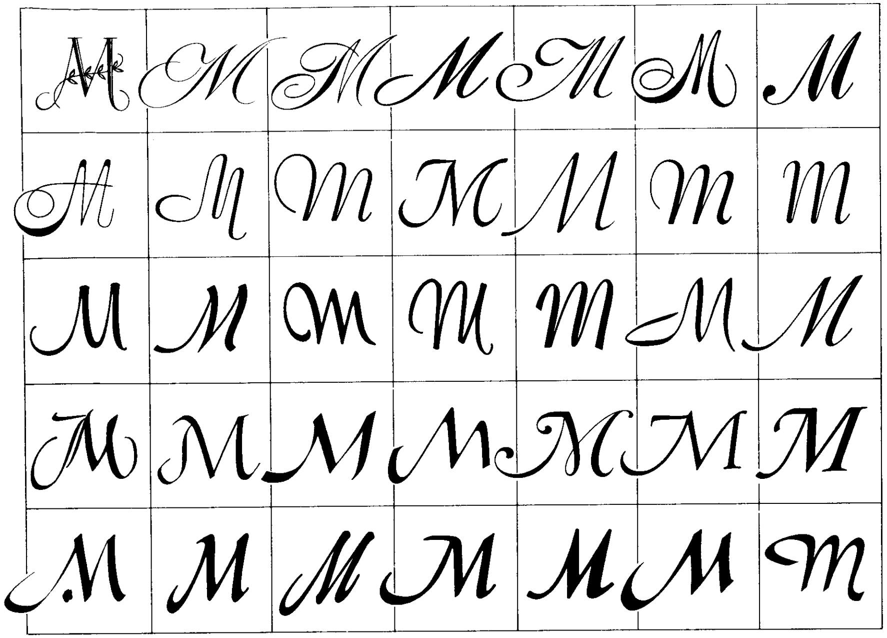

276


277

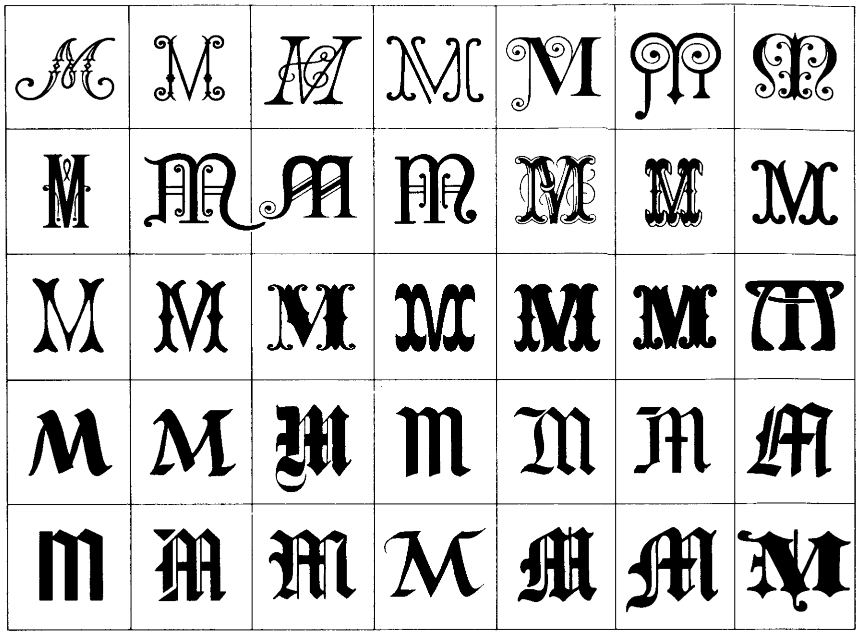

278


279

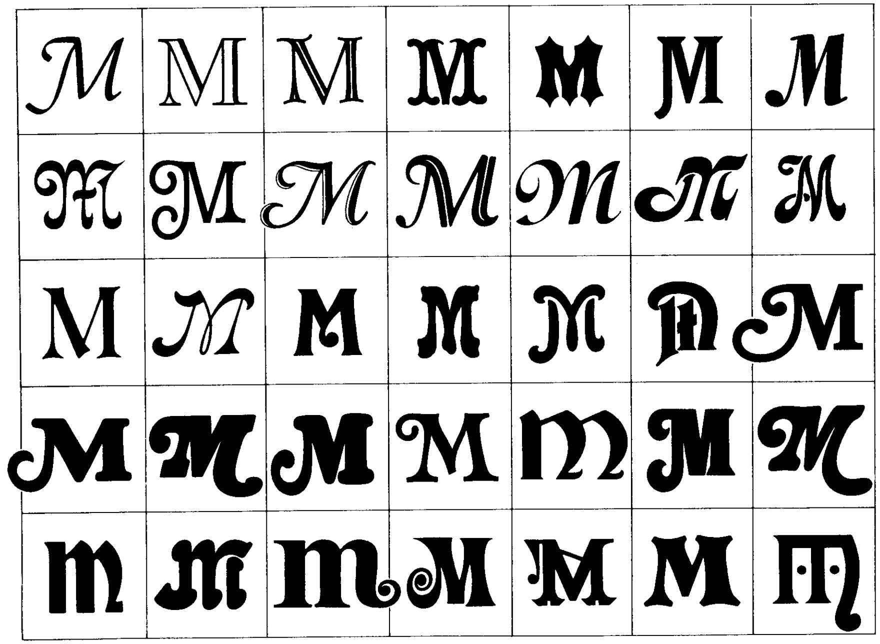

280



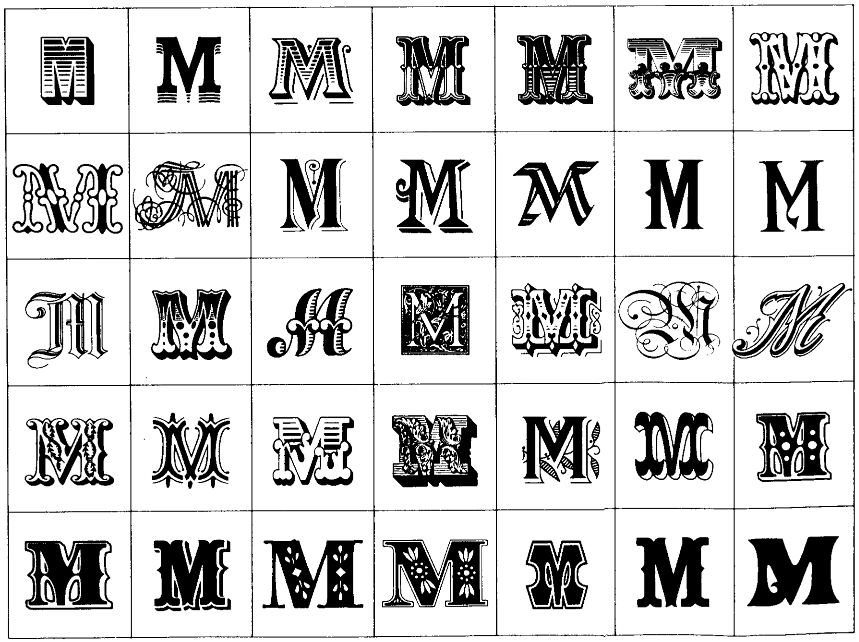
122



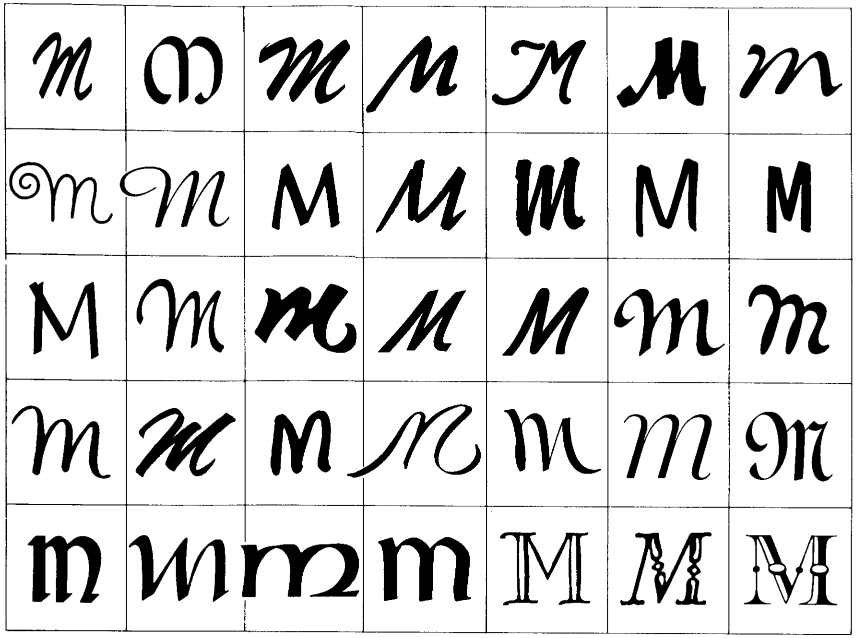
123



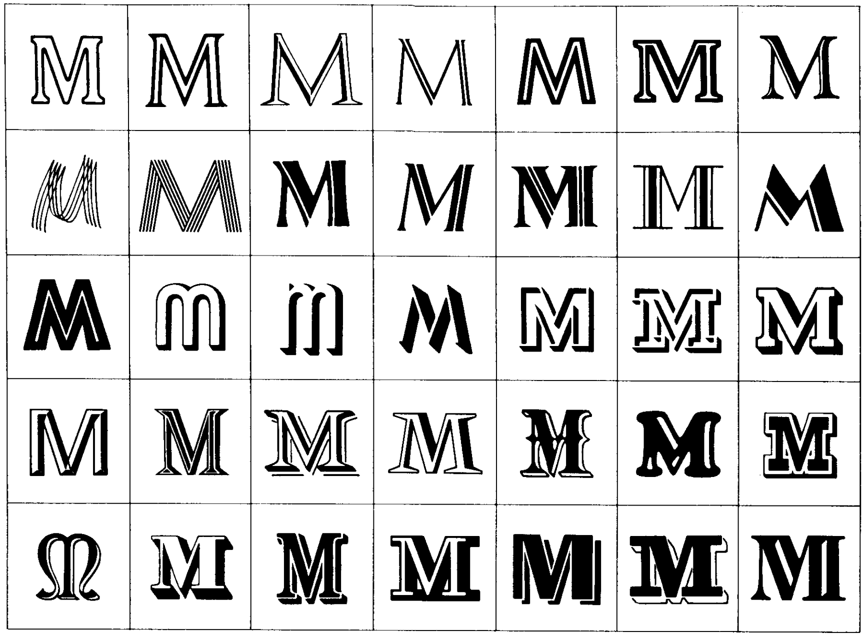
124



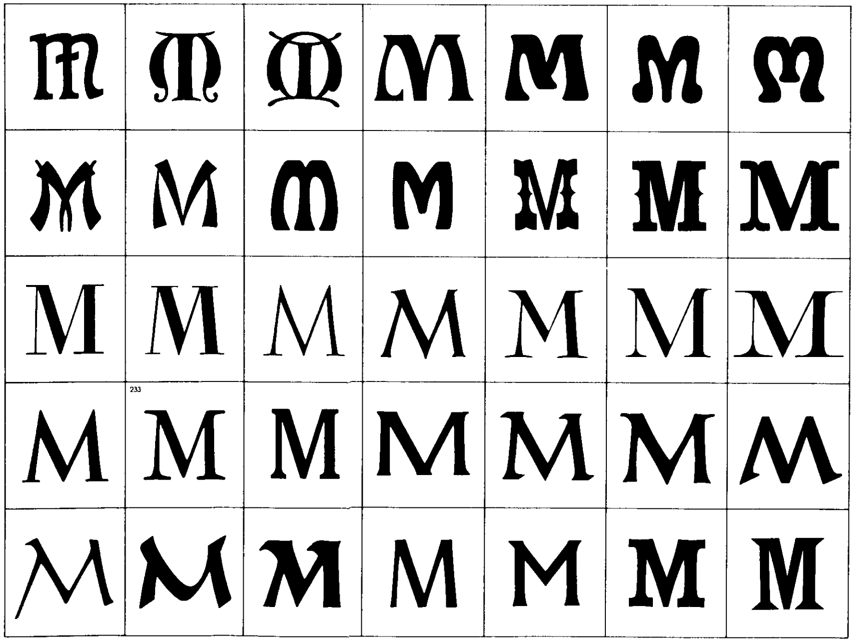
125



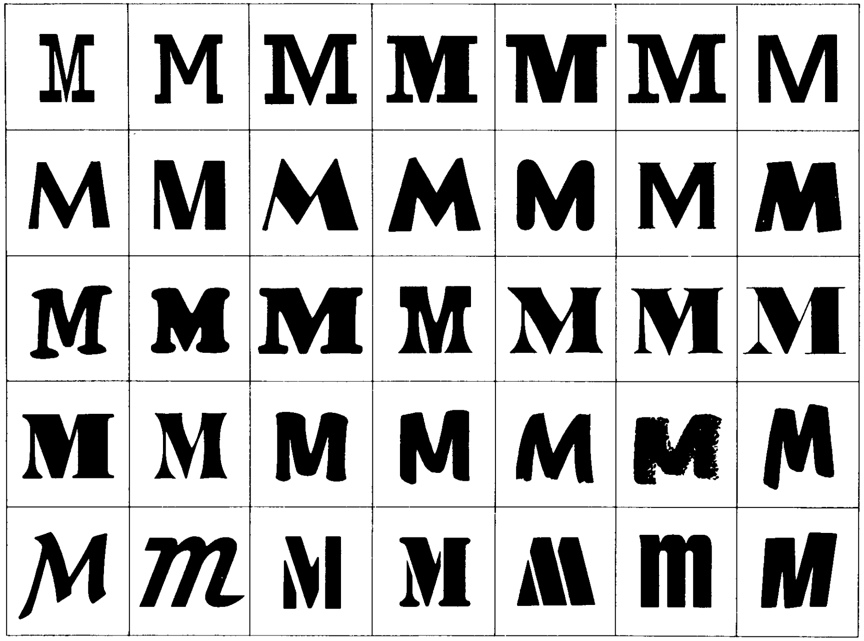
126



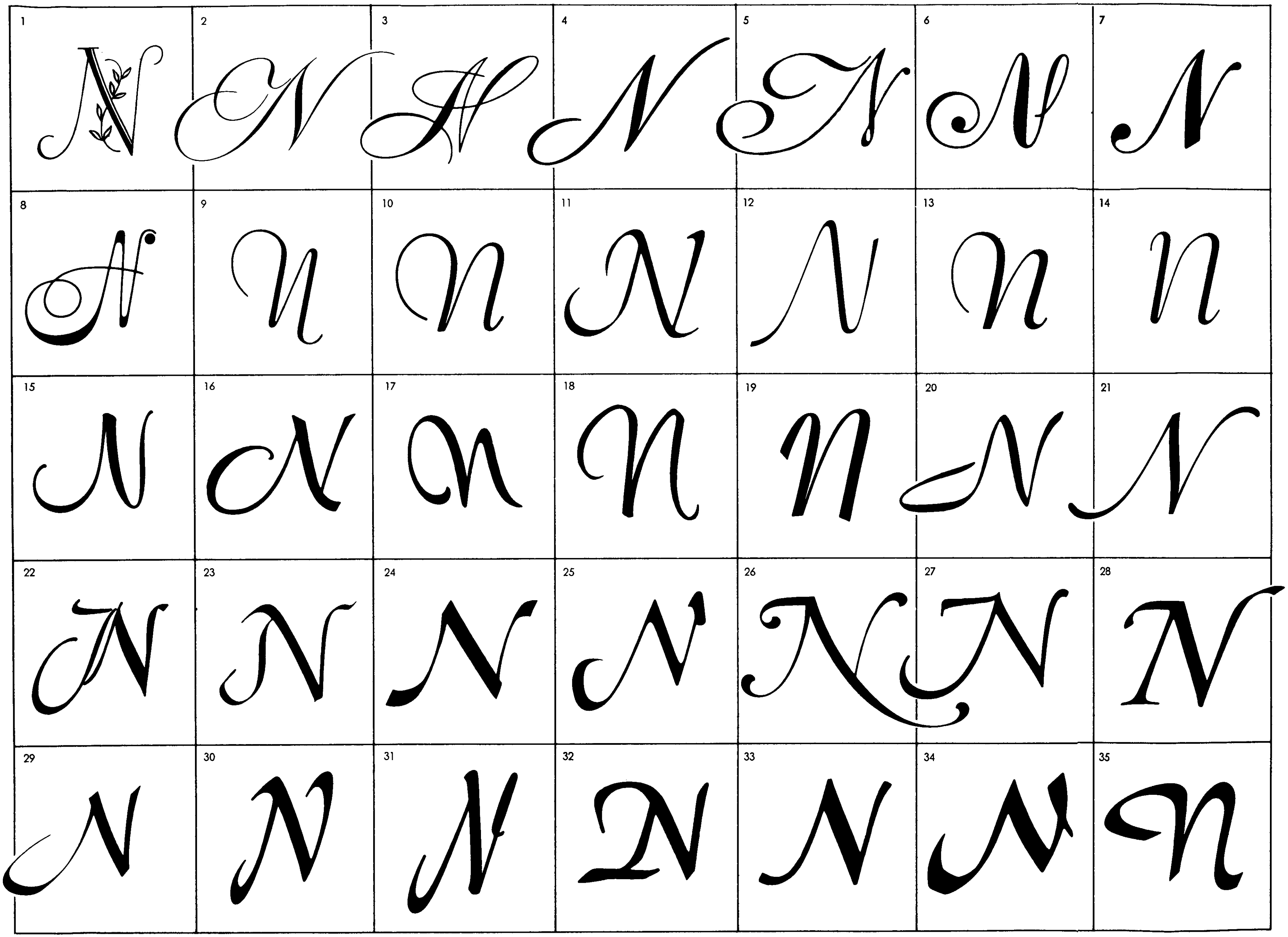
127



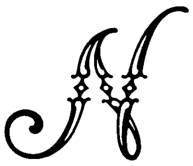
128



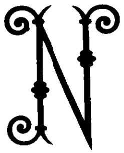
129


1
2
3
4
5
6
7
8
9
10
11
12
13
14
15
16
17
18
19
20
21
22
23
24
25
26
27
28
29
30
31
32
33
34
35

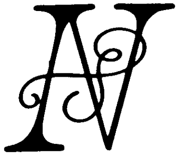
36



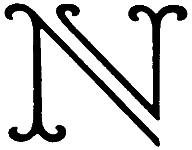
37



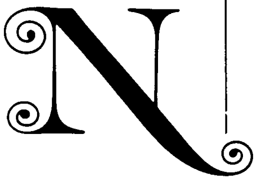
38



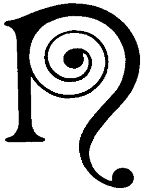
39



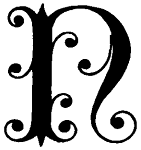
40



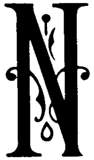
41



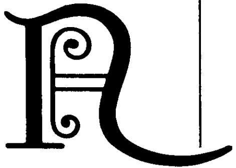
42



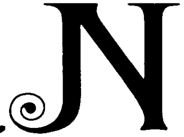
43



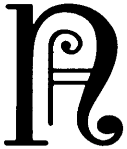
44



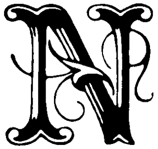
45



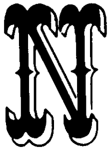
46



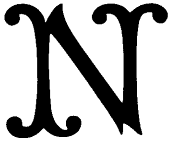
47



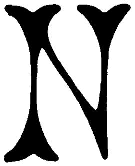
48



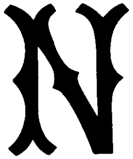
49



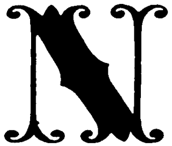
50



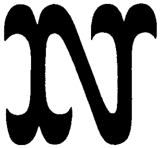
51



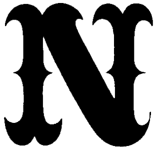
52



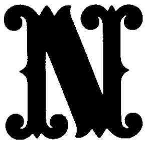
53



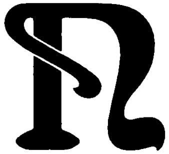
54



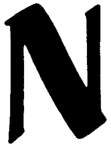
55



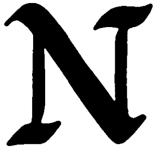
56



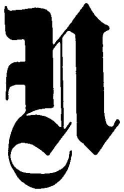
57



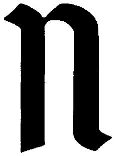
58



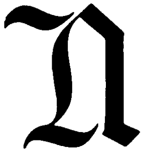
59



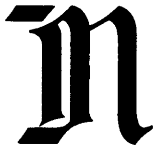
60



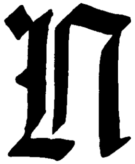
61



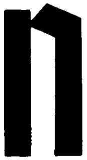
62



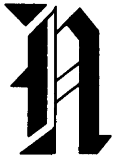
63



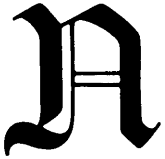
64



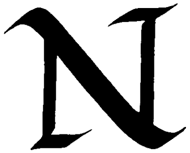
65



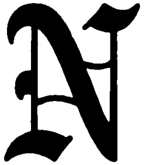
66



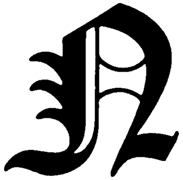
67



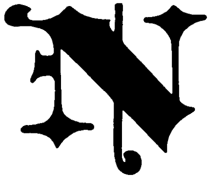
68



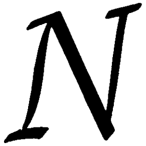
69



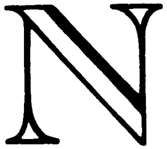
70



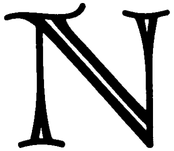
71



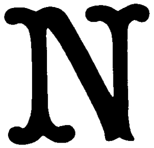
72



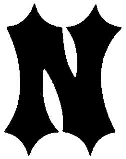
73



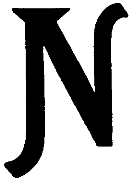
74



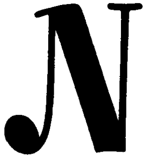
75



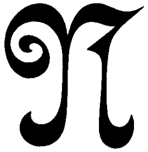
76



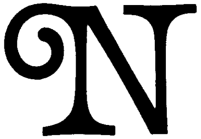
77



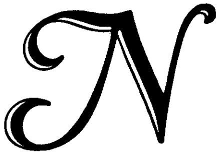
78



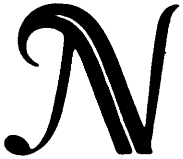
79



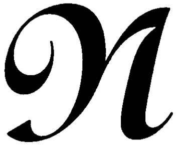
80



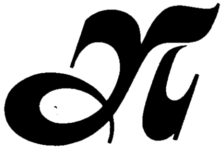
81



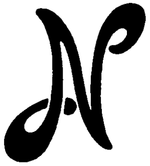
82



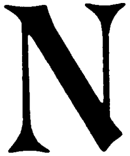
83



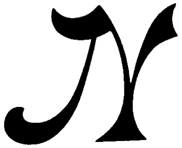
84



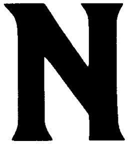
85



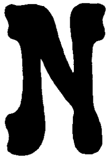
86



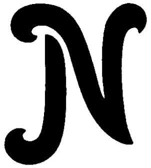
87



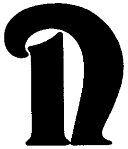
88



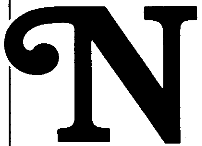
89



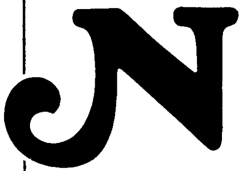
90



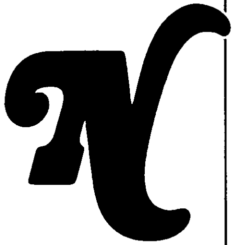
91



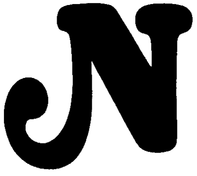
92



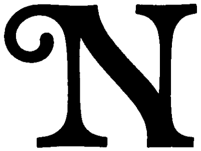
93



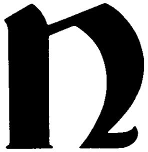
94



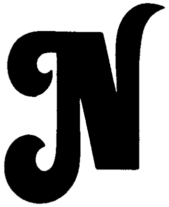
95



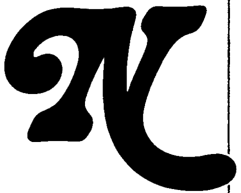
96



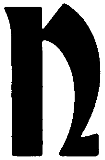
97



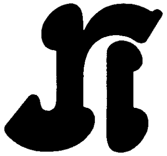
98



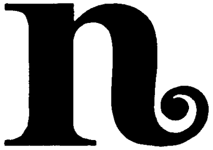
99



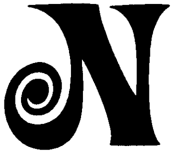
100



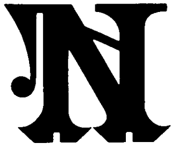
101



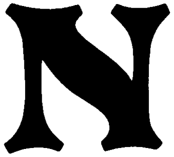
102



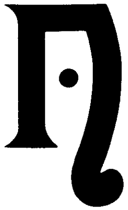
103



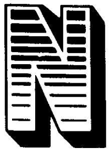
104



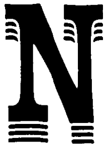
105



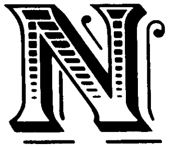
106



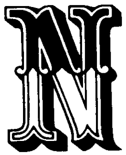
107



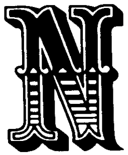
108



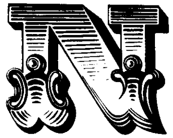
109



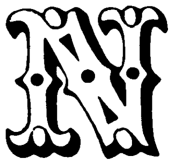
110



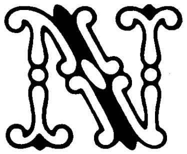
111



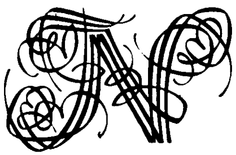
112



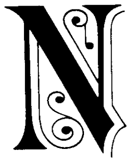
113



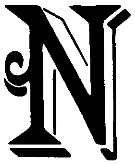
114



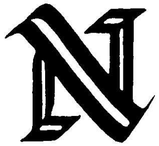
115



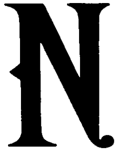
116



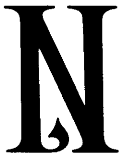
117



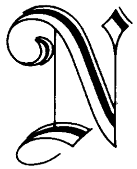
118



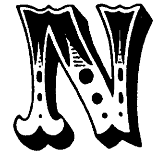
119



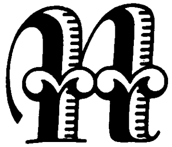
120



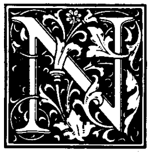
121



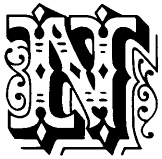
122



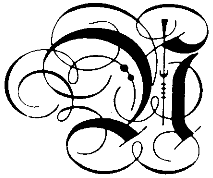
123



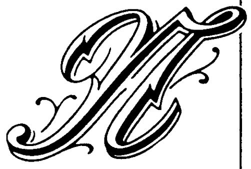
124



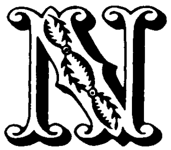
125



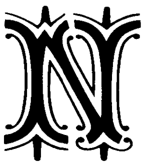
126



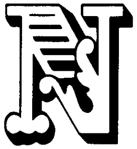
127



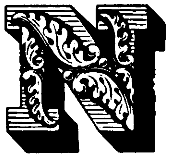
128



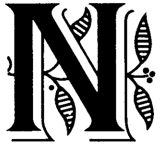
129



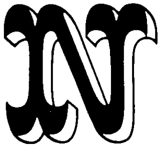
130



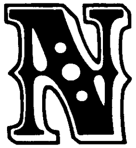
131



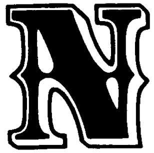
132



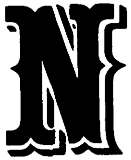
133



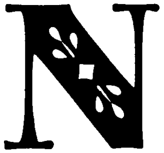
134



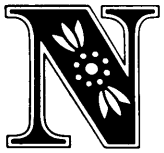
135



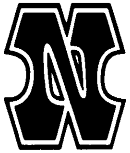
136



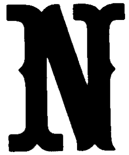
137



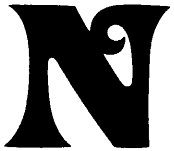
138

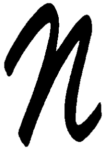


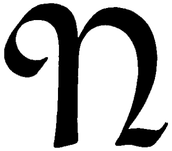
139

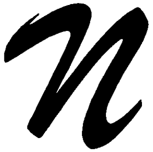


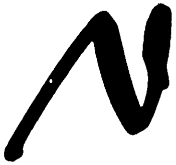
140

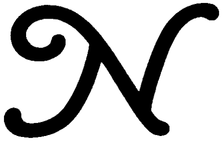


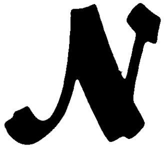
141


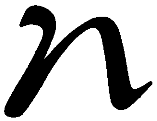
142


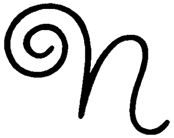
143


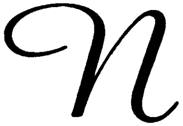
144


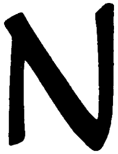
145


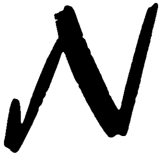
146


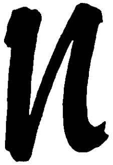
147


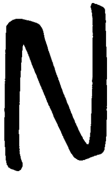
148


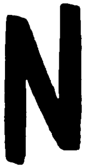
149


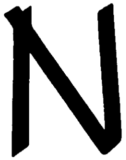
150


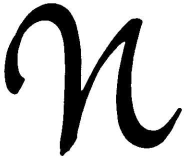
151


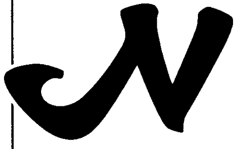
152


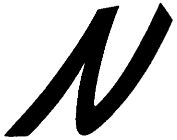
153


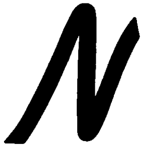
154


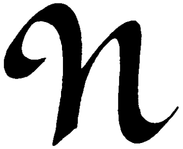
155


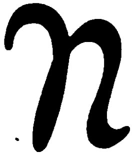
156


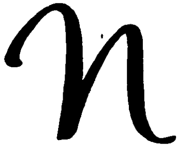
157


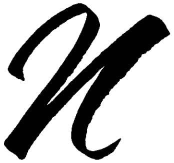
158


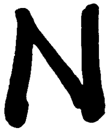
159


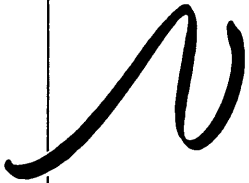
160


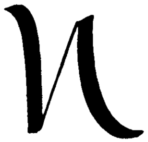
161


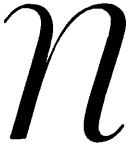
162


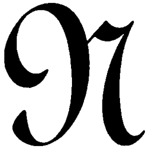
163


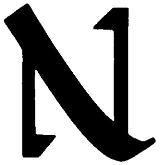
164


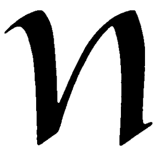
165


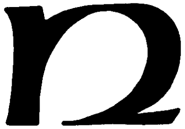
166


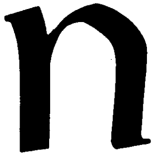
167


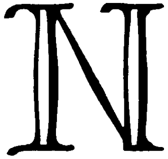
168


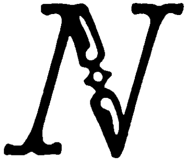
169


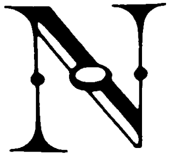
170


171


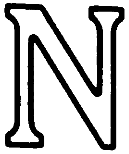
172


173


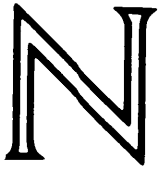
174


175


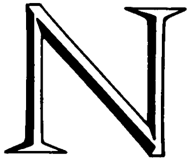
176



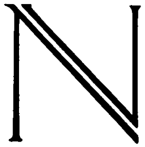
177



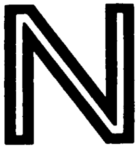
178



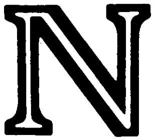
179



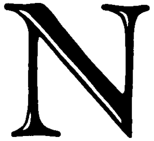
180



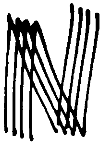
181



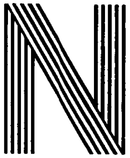
182



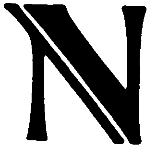
183



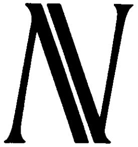
184



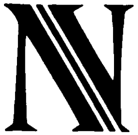
185



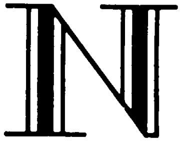
186



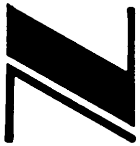
187



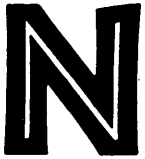
188



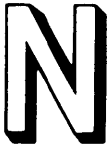
189



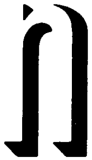
190



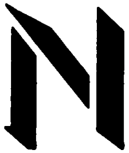
191



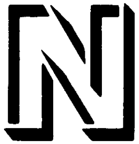
192



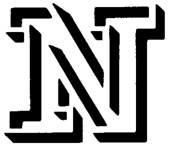
193



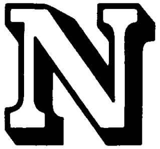
194



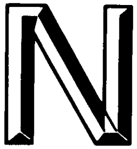
195



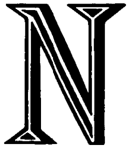
196



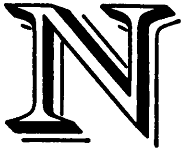
197



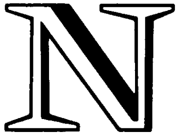
198



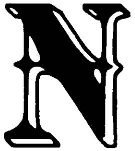
199



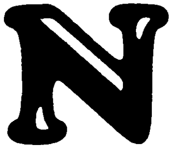
200



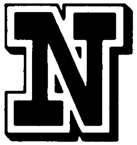
201



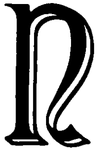
202



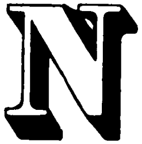
203



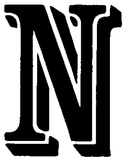
204



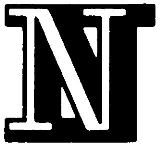
205



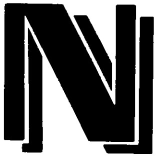
206



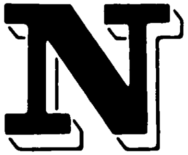
207



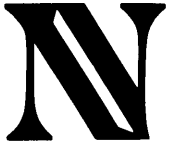
208

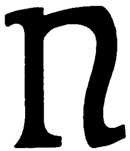


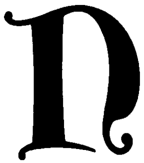
209

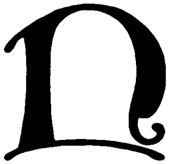


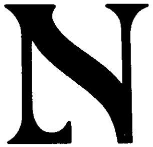
210

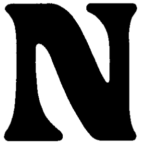


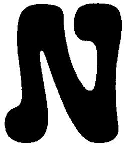
211


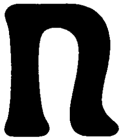
212


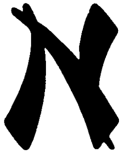
213


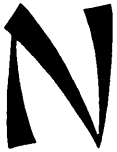
214


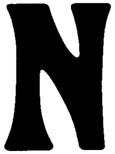
215


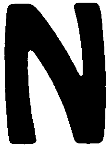
216


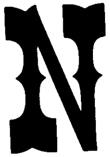
217


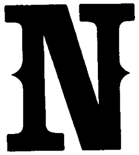
218


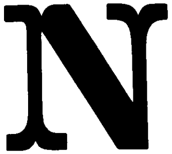
219


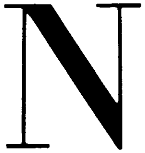
220


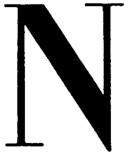
221


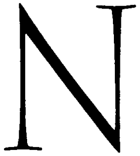
222


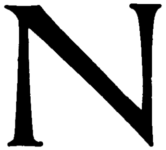
223


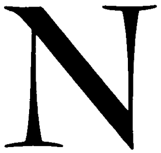
224


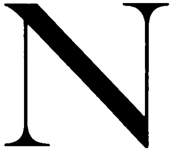
225


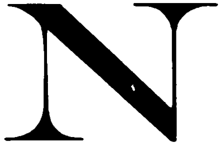
226


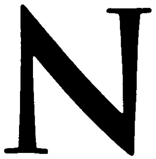
227


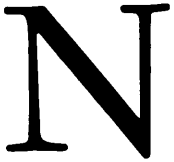
228


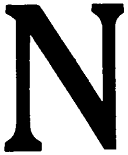
229


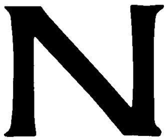
230


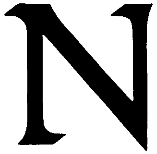
231


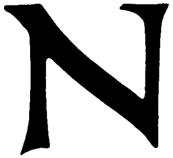
232


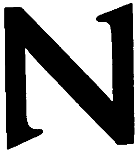
233


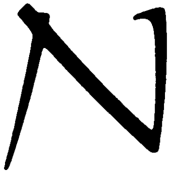
234


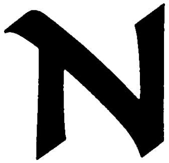
235


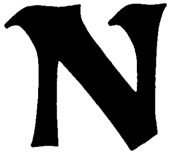
236


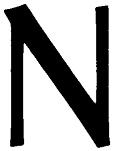
237


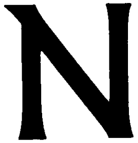
238


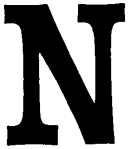
239


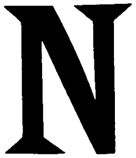
240


241


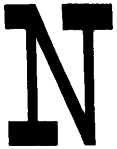
242


243


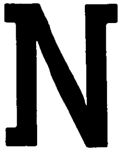
244


245


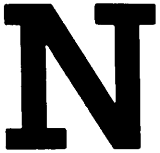
246



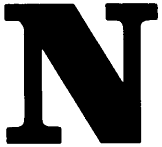
247



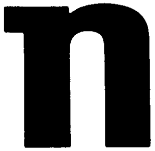
248



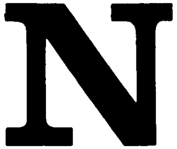
249



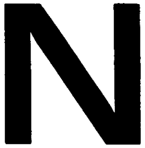
250



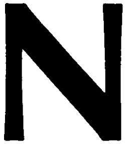
251



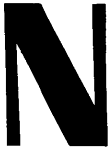
252



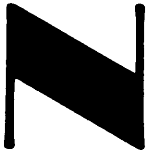
253



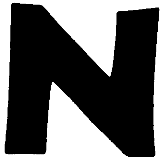
254



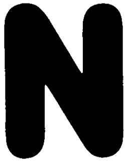
255



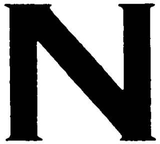
256



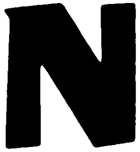
257



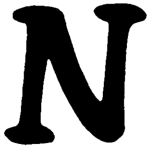
258



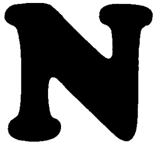
259



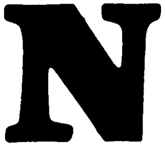
260



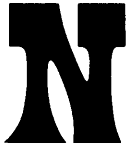
261



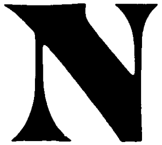
262



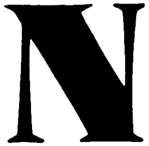
263



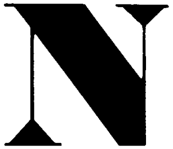
264



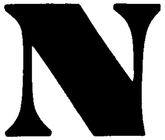
265



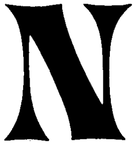
266



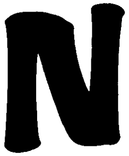
267



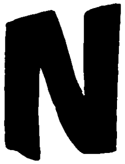
268



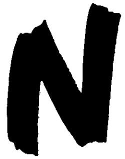
269



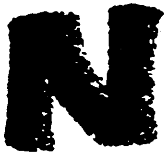
270



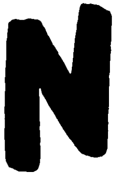
271



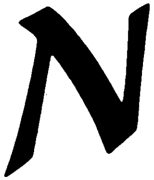
272



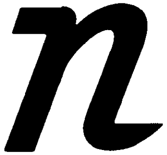
273



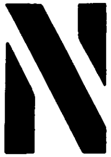
274



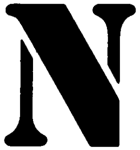
275



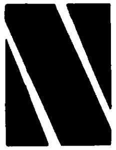
276



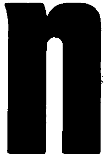
277



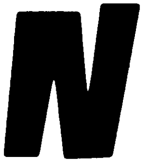
278

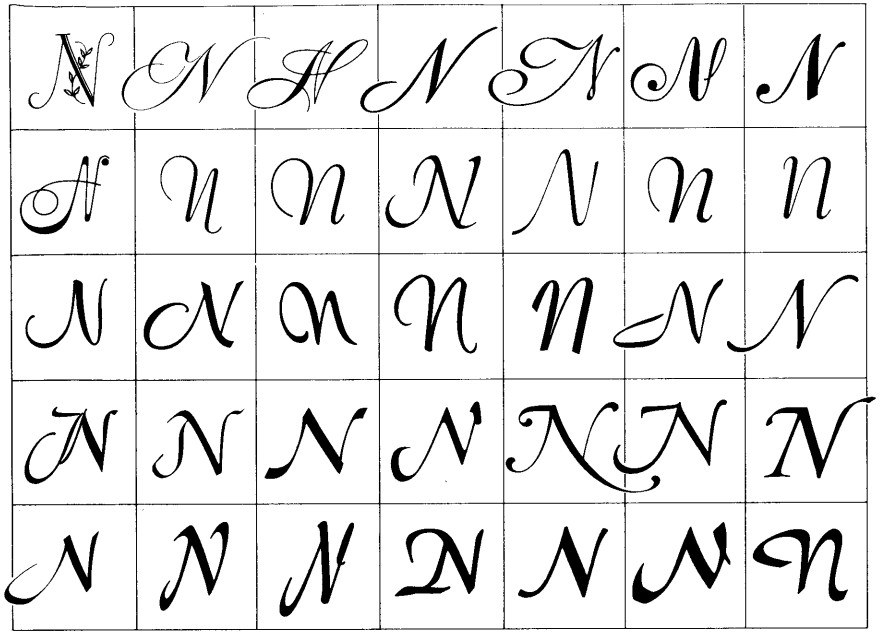


279

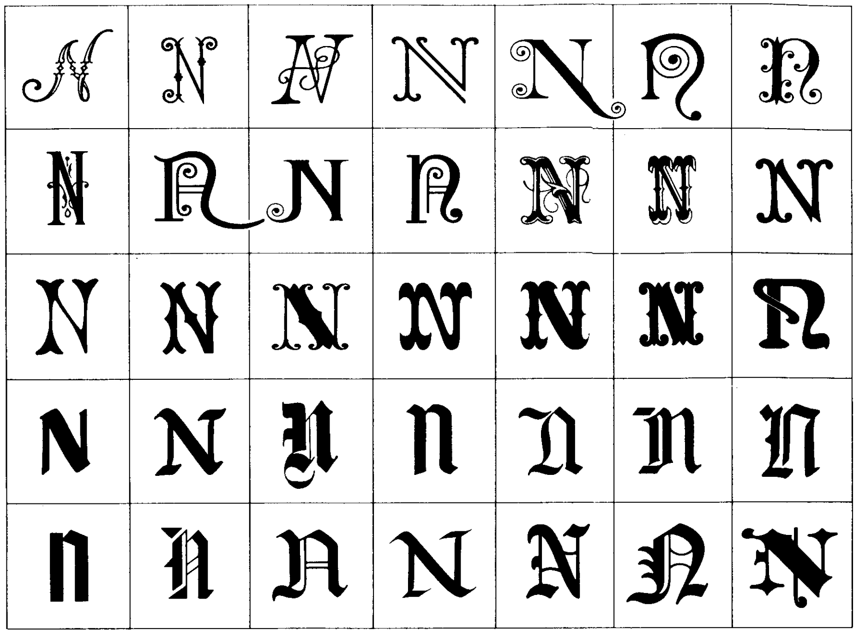


280

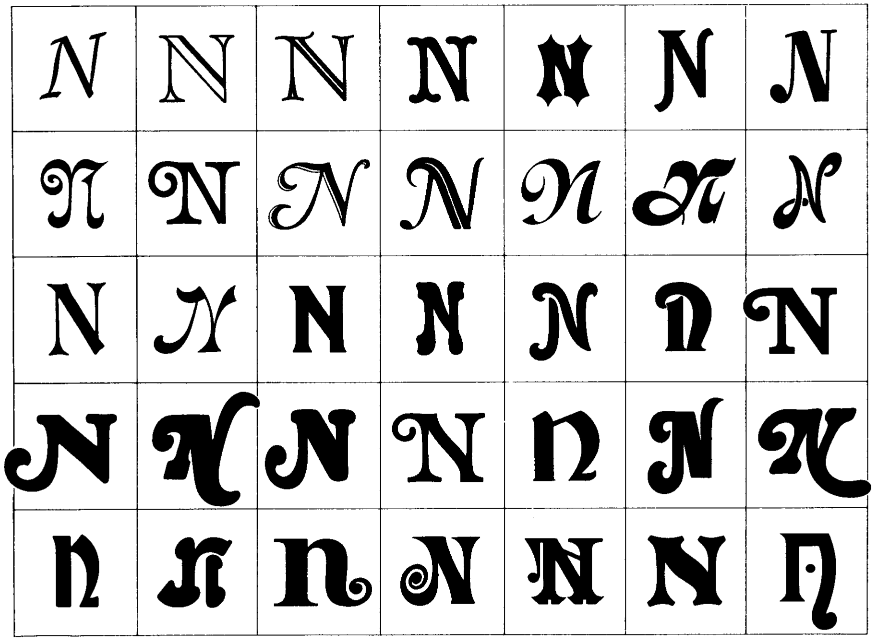




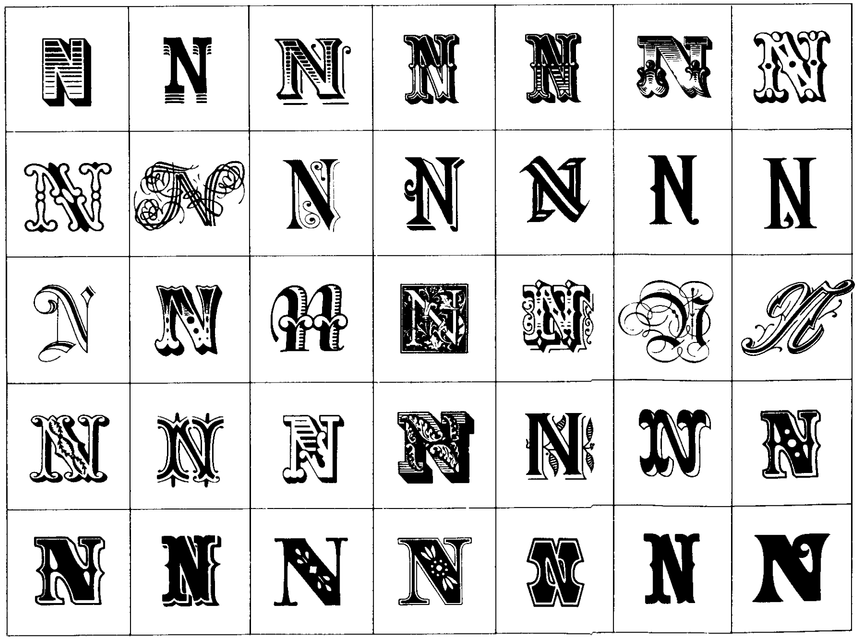
132



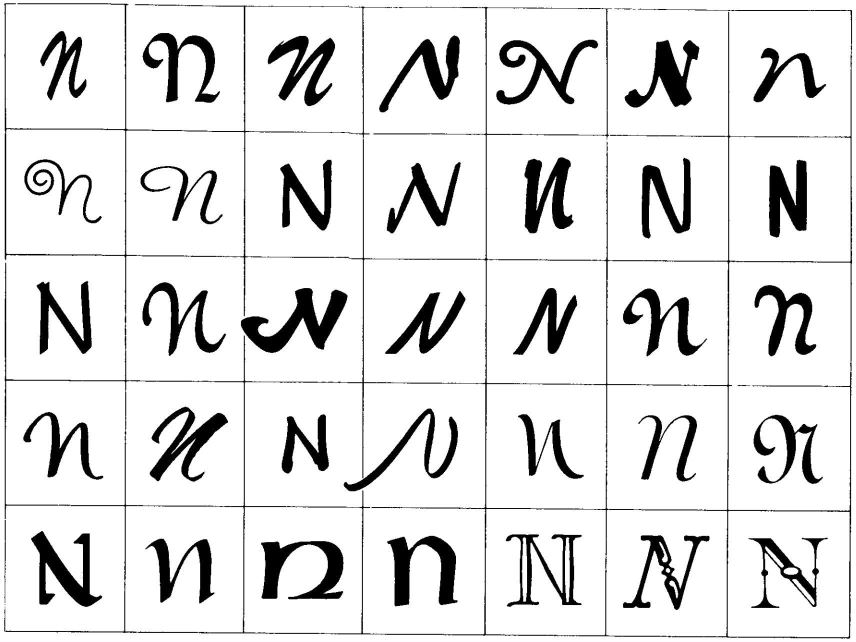
133



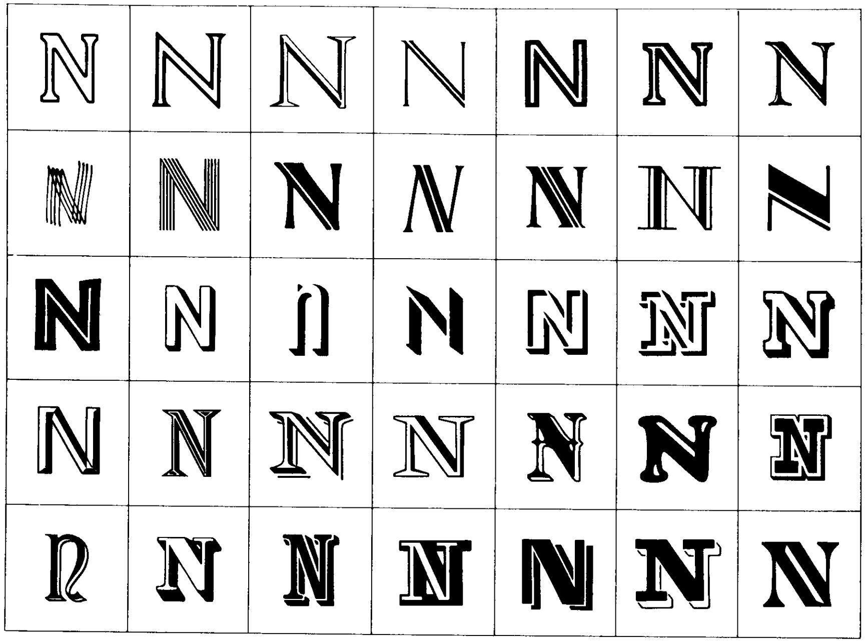
134



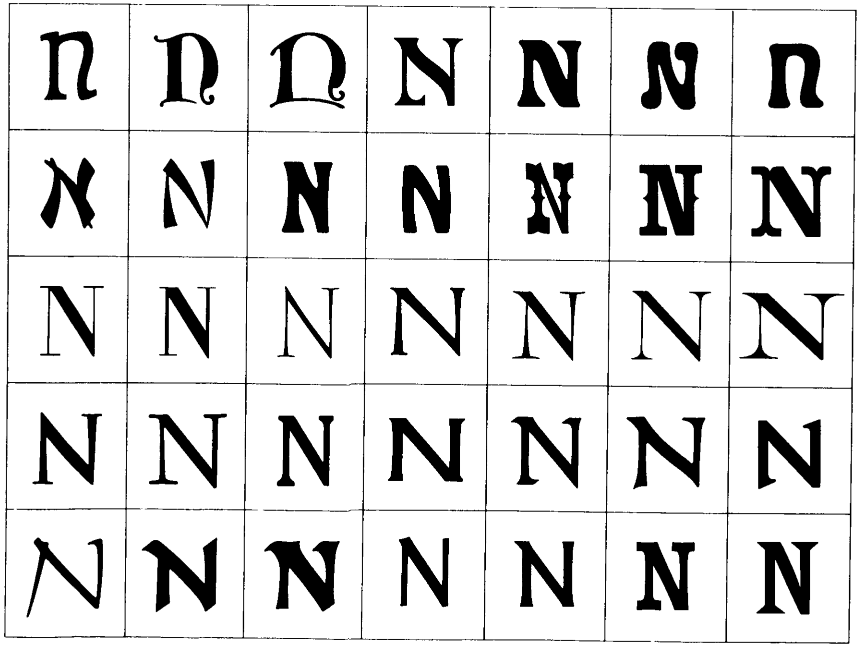
135



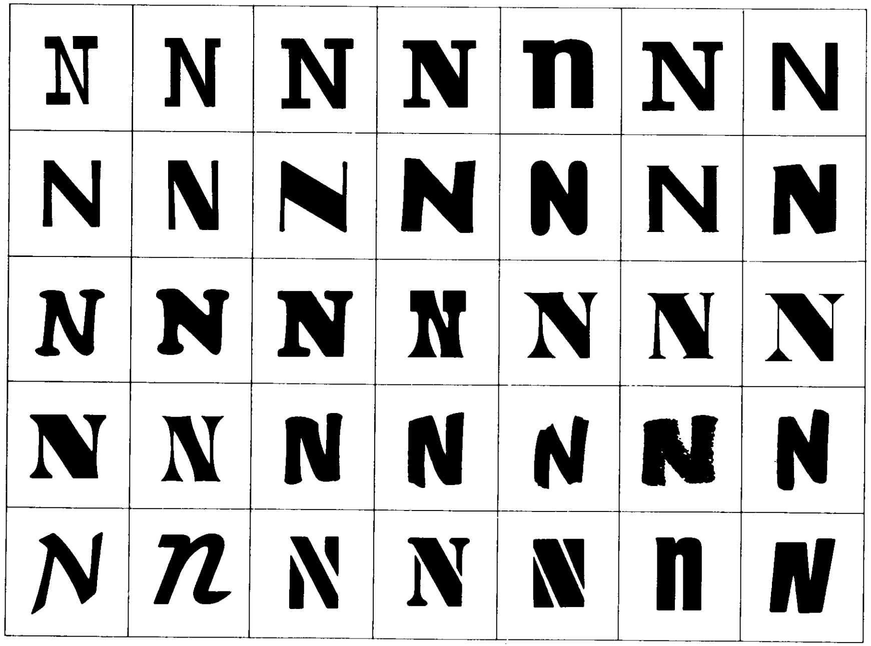
136



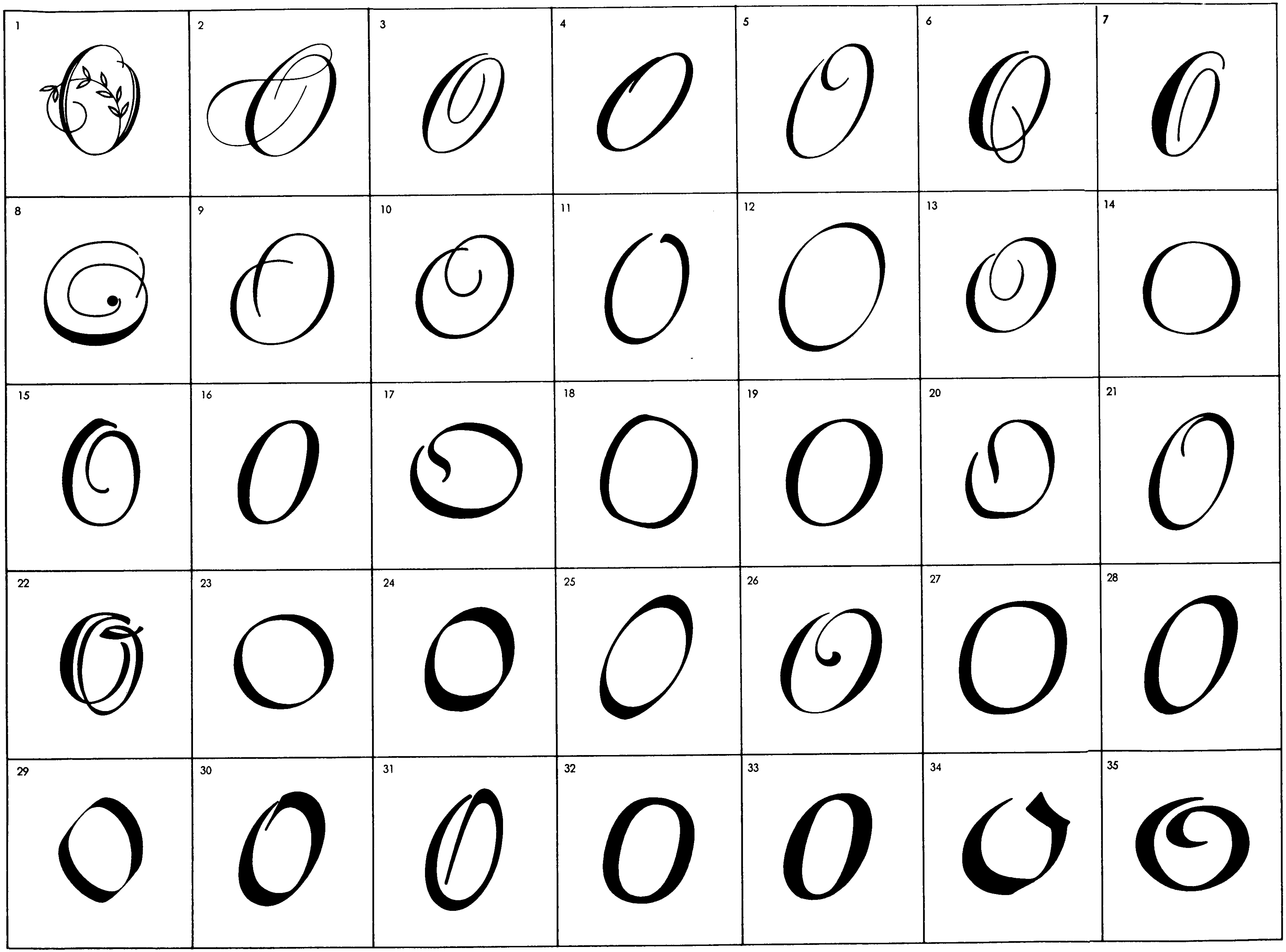
137



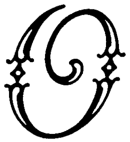
138



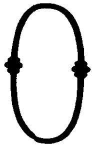
139


1
2
3
4
5
6
7
8
9
10
11
12
13
14
15
16
17
18
19
20
21
22
23
24
25
26
27
28
29
30
31
32
33
34
35

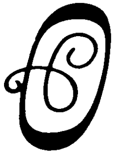
36



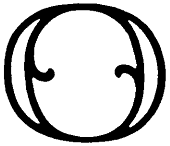
37



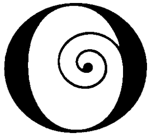
38



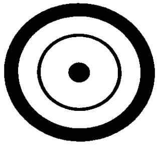
39



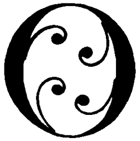
40



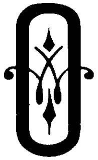
41



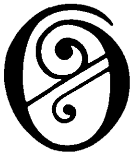
42



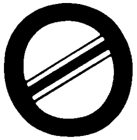
43



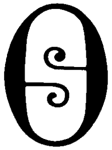
44



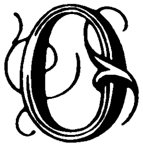
45



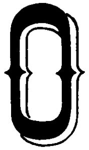
46



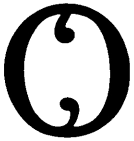
47



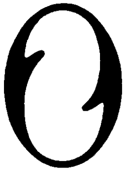
48



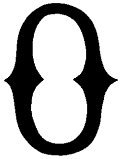
49



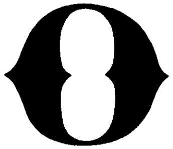
50



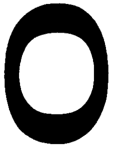
51



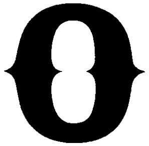
52



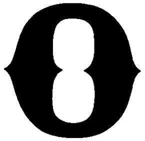
53



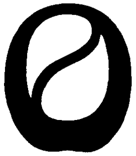
54



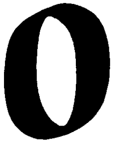
55



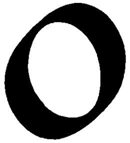
56



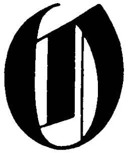
57



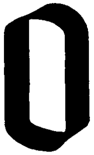
58



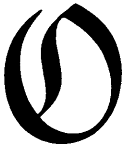
59



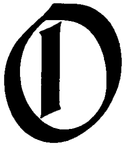
60



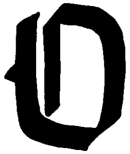
61



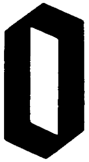
62



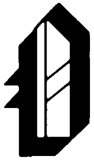
63



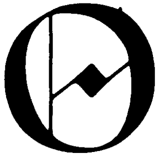
64



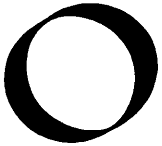
65



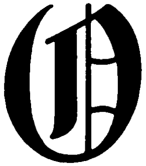
66



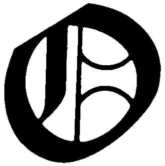
67



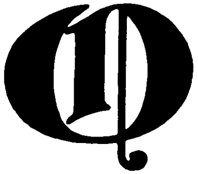
68



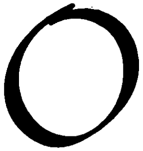
69



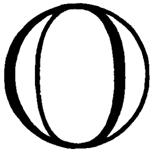
70



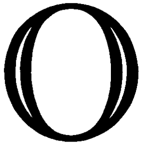
71



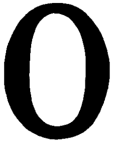
72



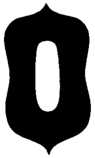
73



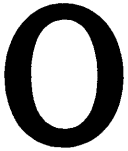
74



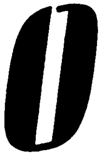
75



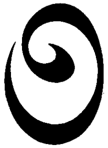
76



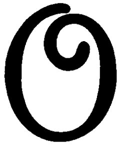
77



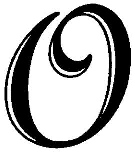
78



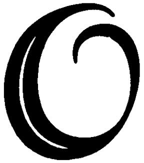
79



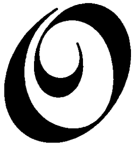
80



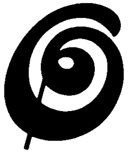
81



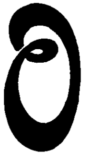
82



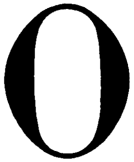
83



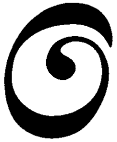
84



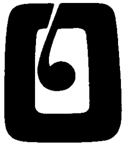
85



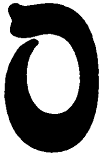
86



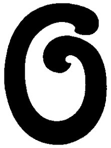
87



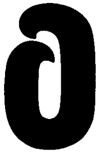
88



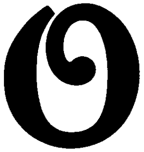
89



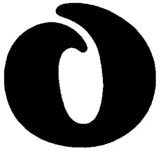
90



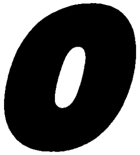
91



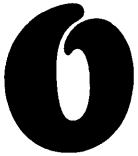
92



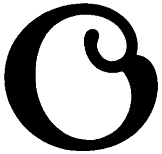
93



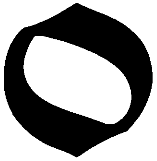
94



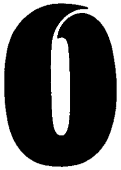
95



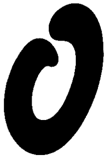
96



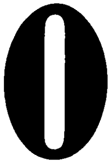
97



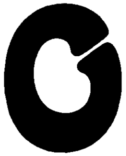
98



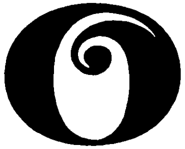
99



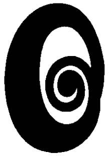
100



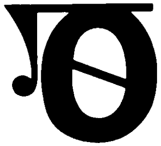
101



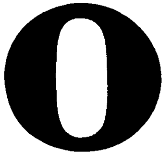
102



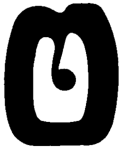
103



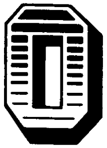
104



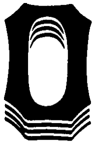
105



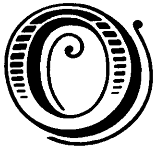
106



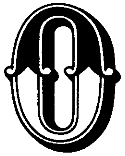
107



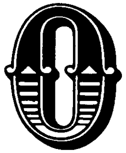
108



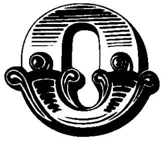
109



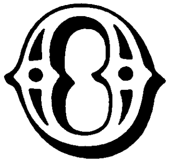
110



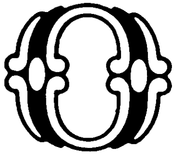
111



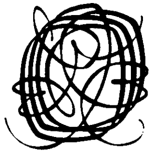
112



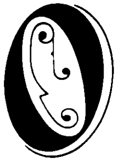
113



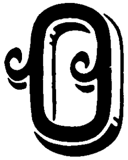
114



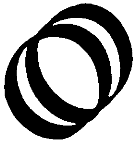
115



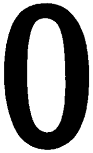
116



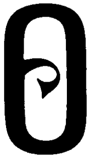
117



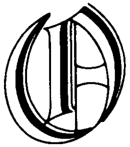
118



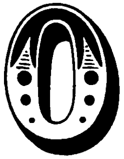
119



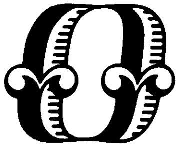
120



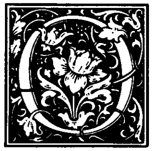
121



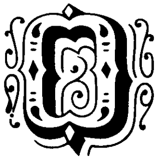
122



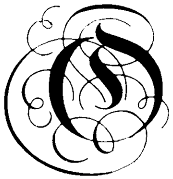
123



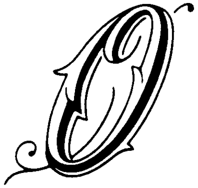
124



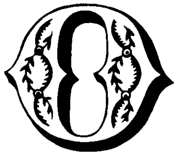
125



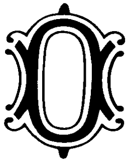
126



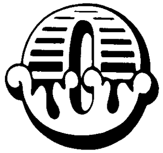
127



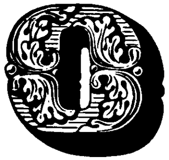
128



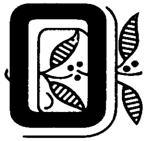
129



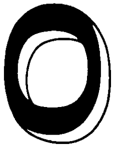
130



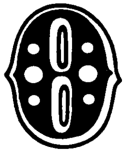
131



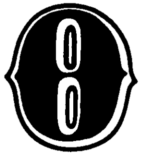
132



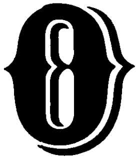
133



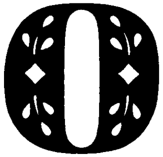
134



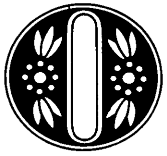
135



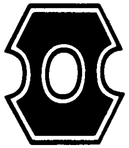
136



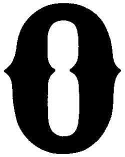
137



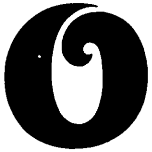
138



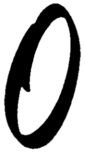
139



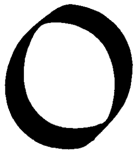
140



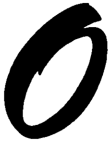
141



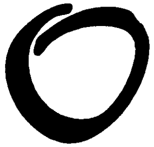
142



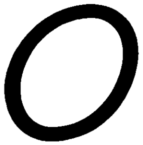
143



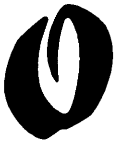
144



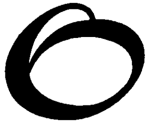
145



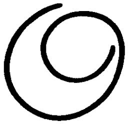
146



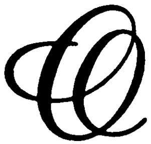
147



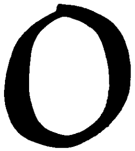
148



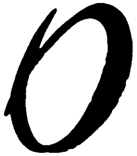
149



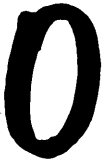
150



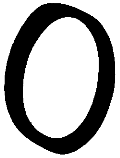
151



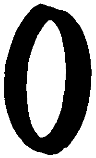
152



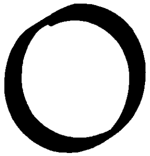
153



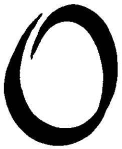
154



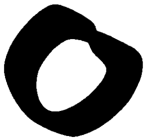
155



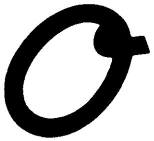
156



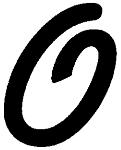
157



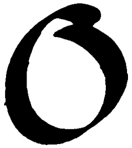
158



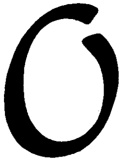
159



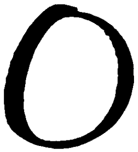
160



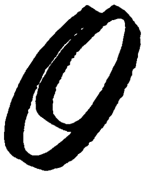
161



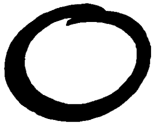
162



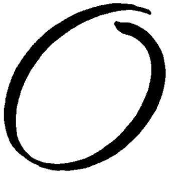
163



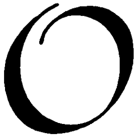
164



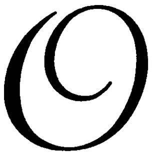
165



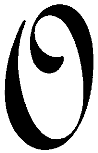
166



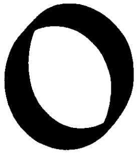
167



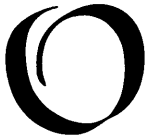
168



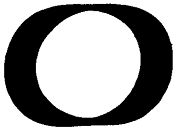
169



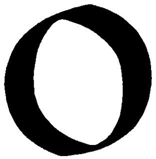
170



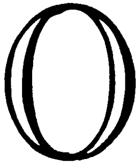
171



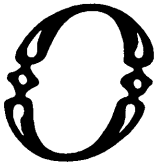
172



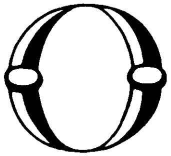
173



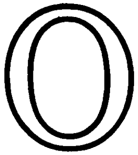
174



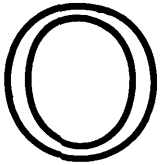
175



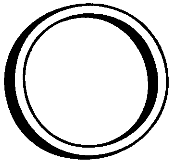
176



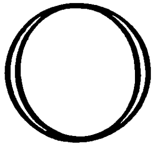
177



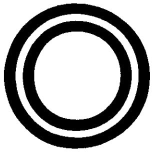
178



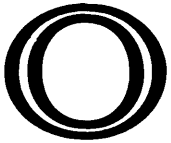
179



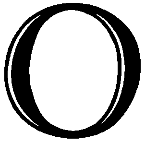
180



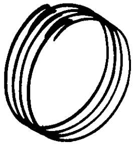
181



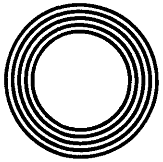
182



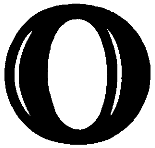
183



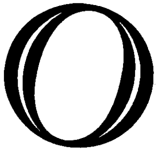
184



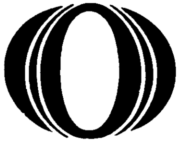
185



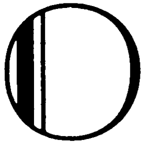
186



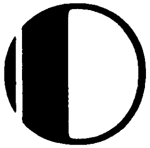
187



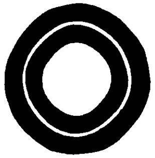
188



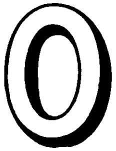
189



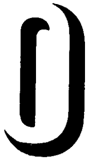
190



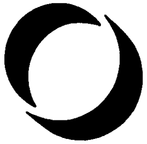
191



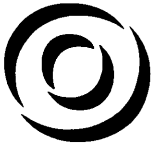
192



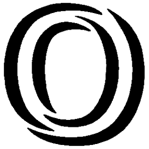
193



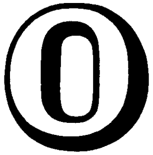
194



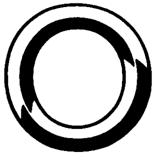
195



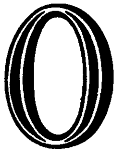
196



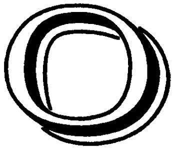
197



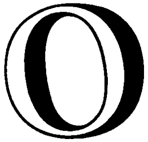
198



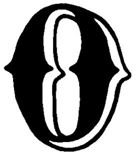
199



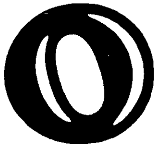
200



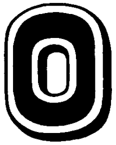
201



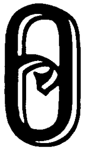
202



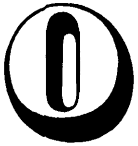
203



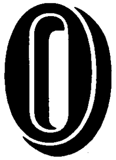
204



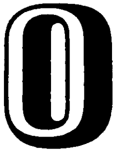
205



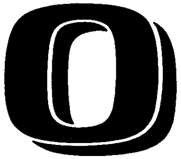
206



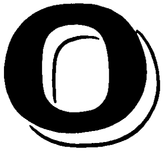
207



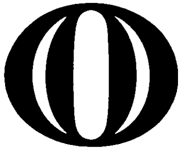
208



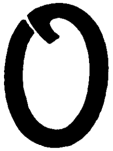
209



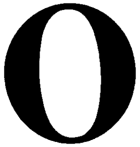
210



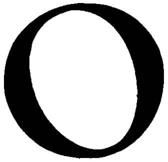
211



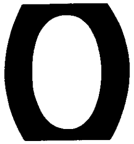
212



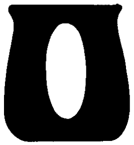
213



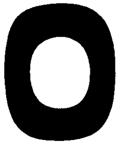
214



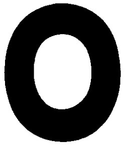
215



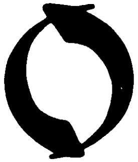
216



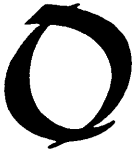
217



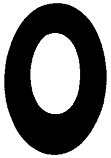
218



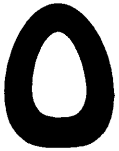
219



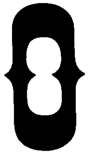
220



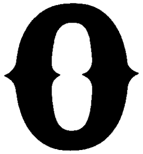
221



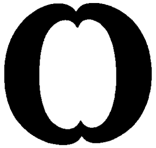
222



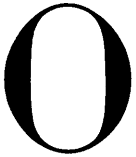
223



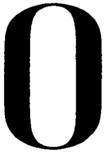
224



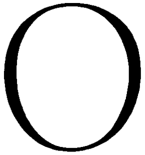
225



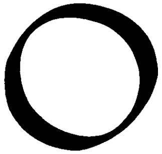
226



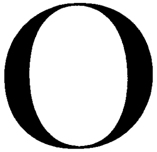
227



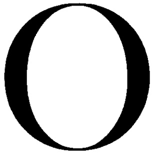
228



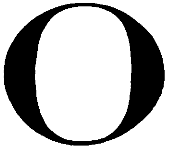
229



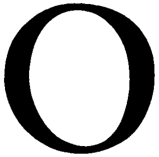
230



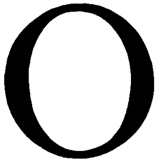
231



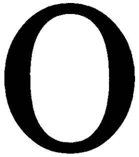
232



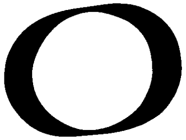
233



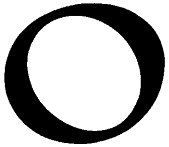
234



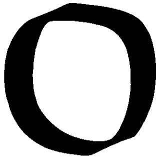
235



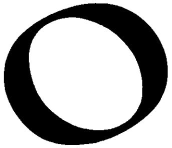
236



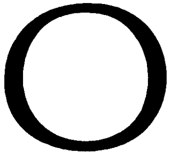
237



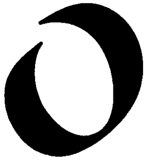
238



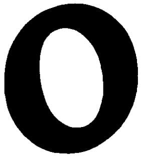
239



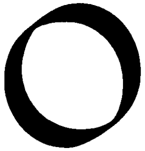
240



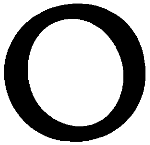
241



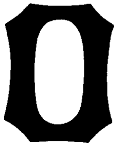
242



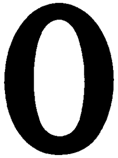
243



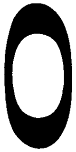
244



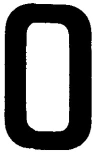
245



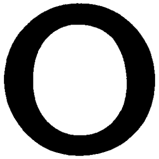
246



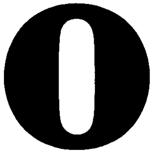
247



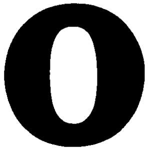
248



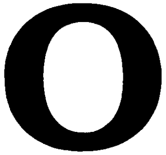
249



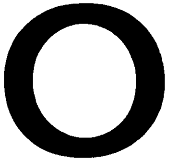
250



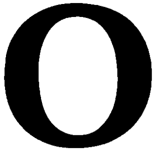
251



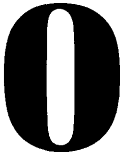
252



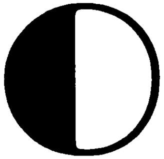
253



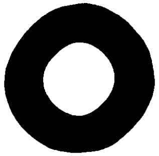
254



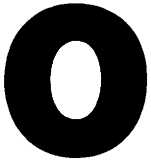
255



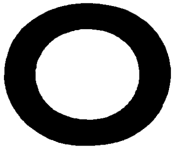
256



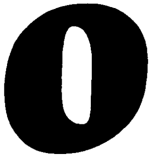
257



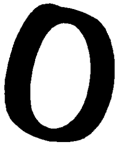
258



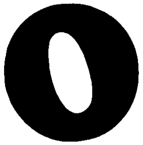
259



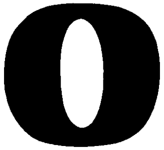
260



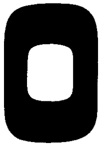
261



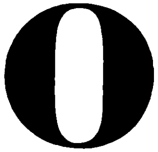
262



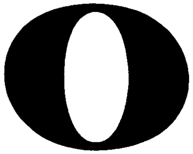
263



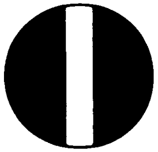
264



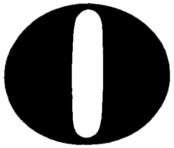
265



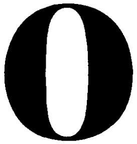
266



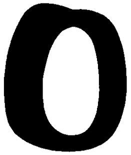
267



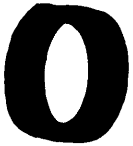
268



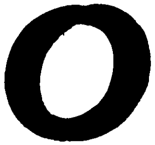
269



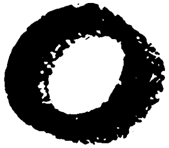
270



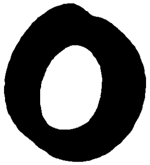
271



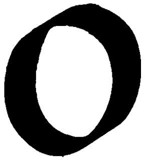
272



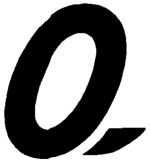
273



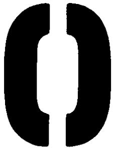
274



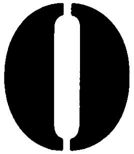
275



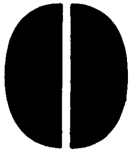
276



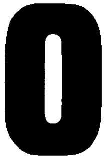
277



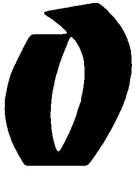
278

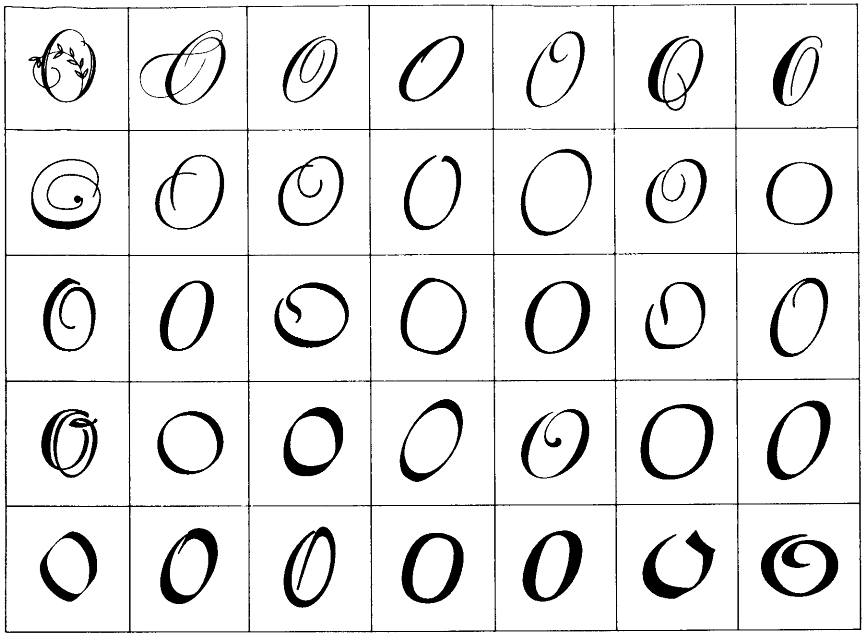


279

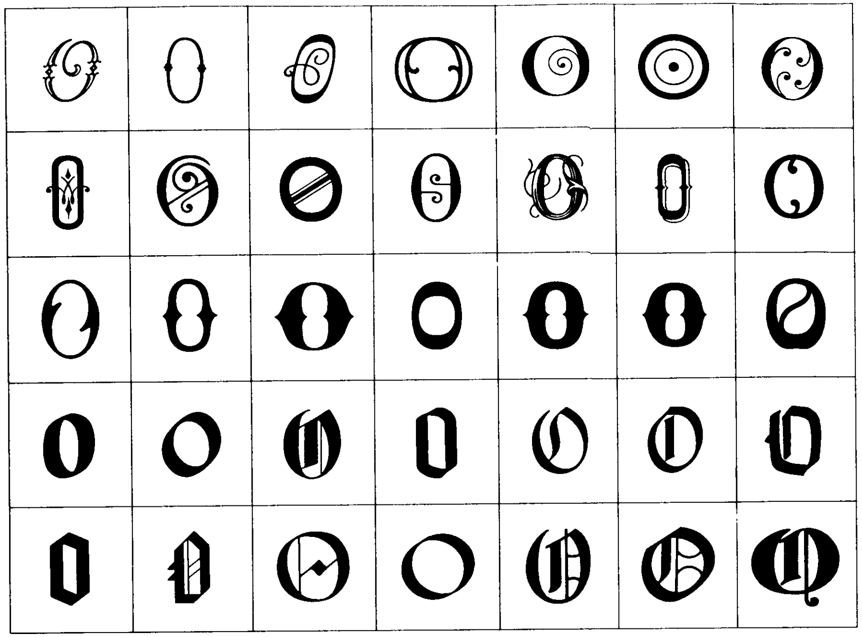


280

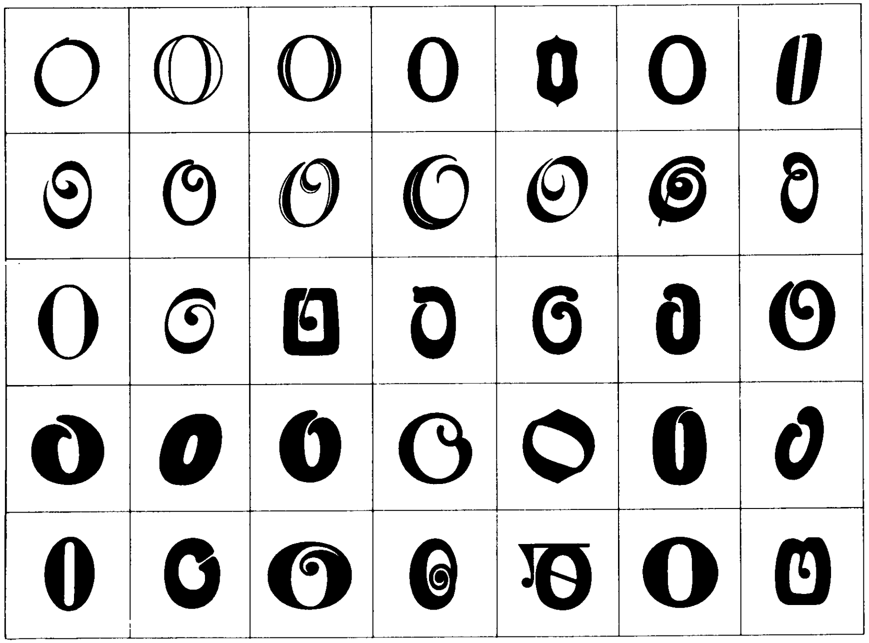




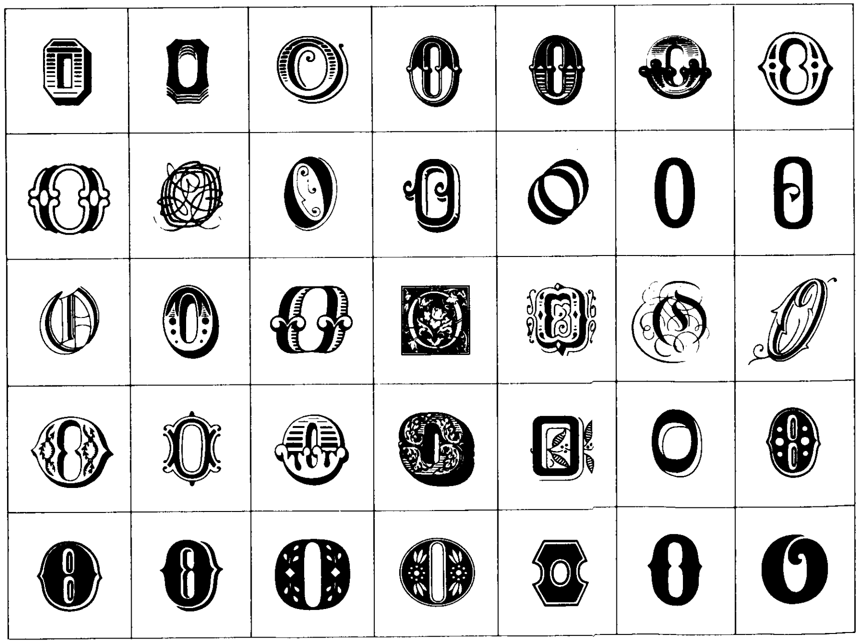
142



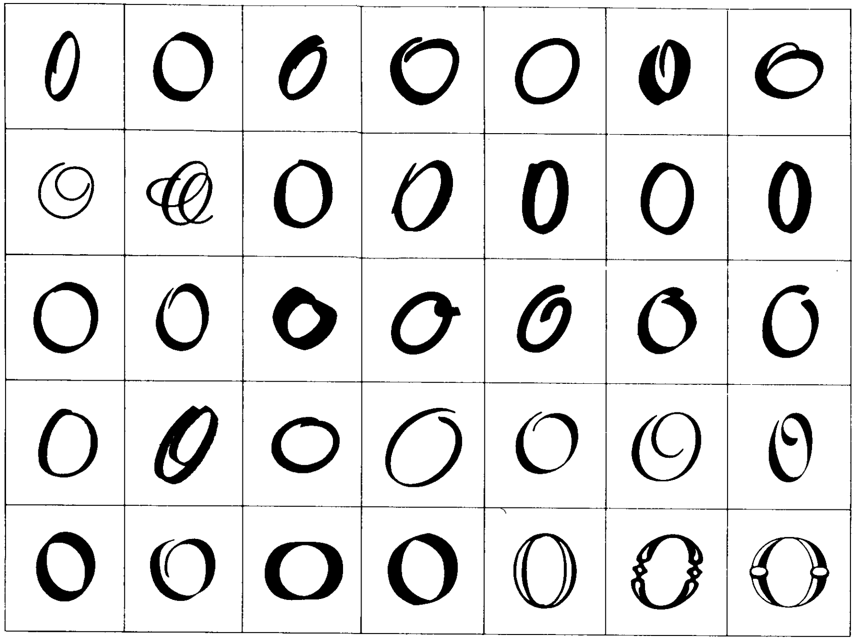
143



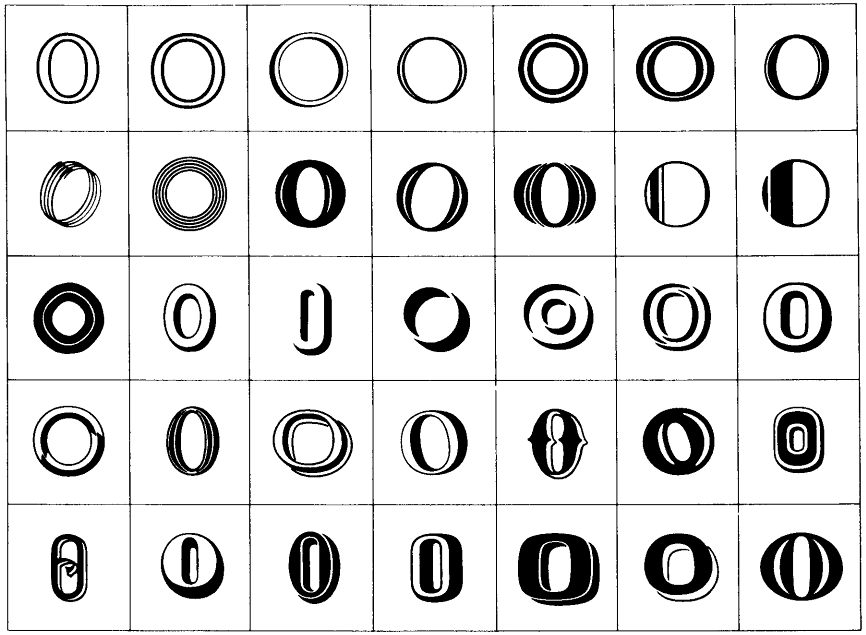
144



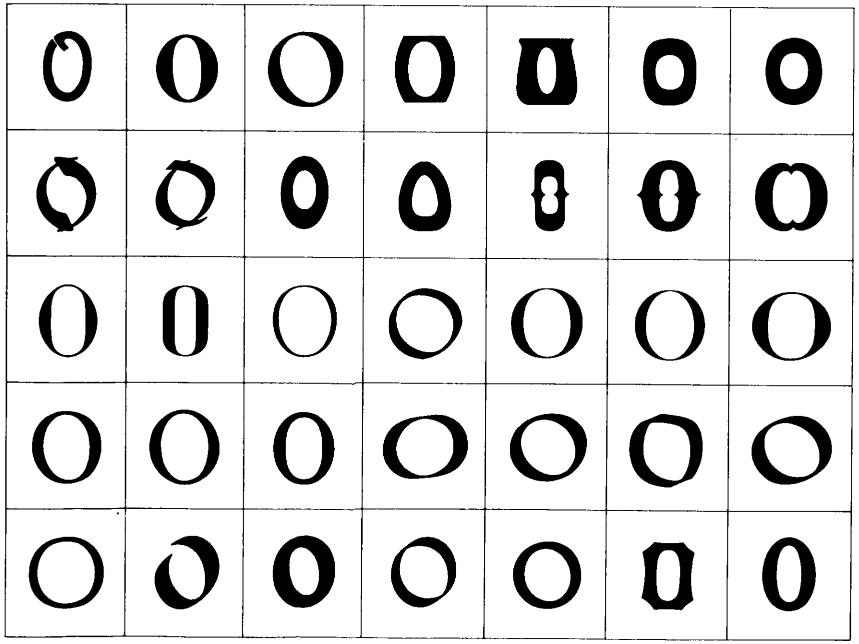
145



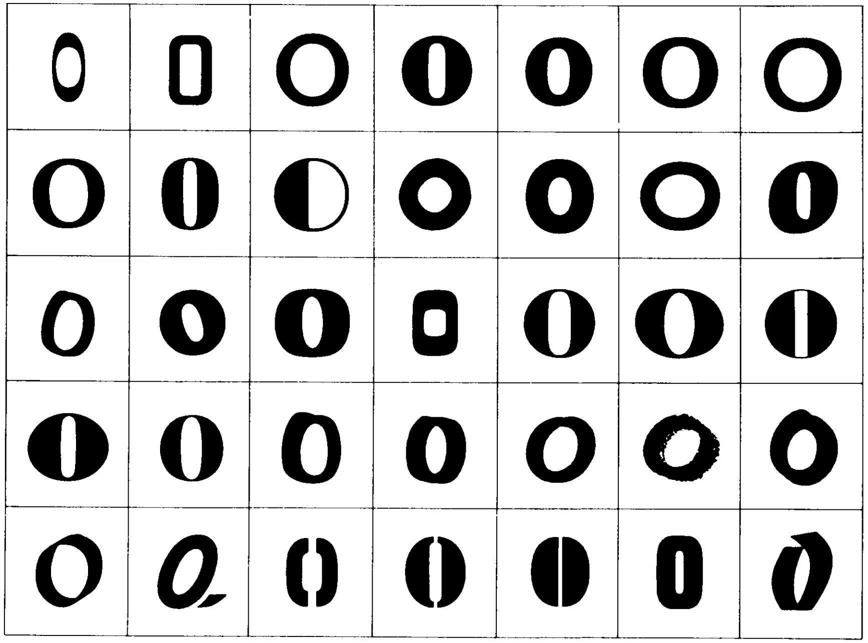
146



147

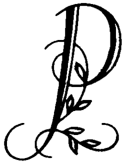


148

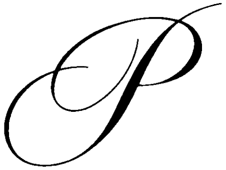


149

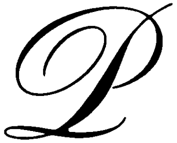
1



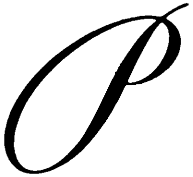
2



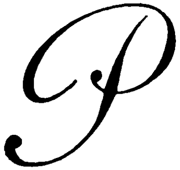
3



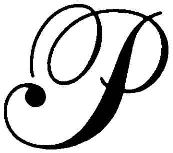
4



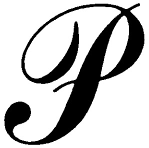
5



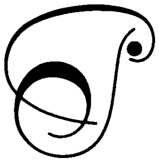
6



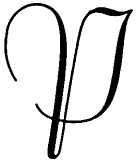
7



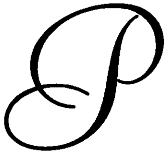
8



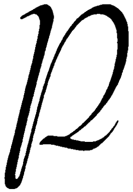
9



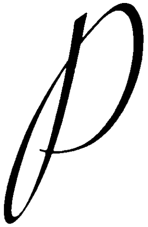
10



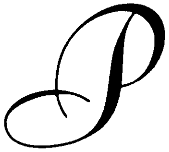
11



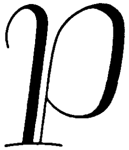
12



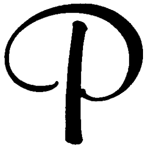
13



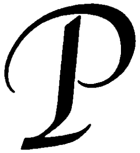
14



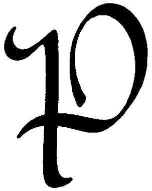
15



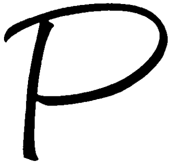
16



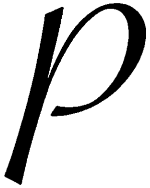
17



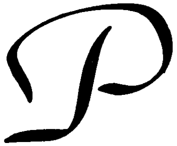
18



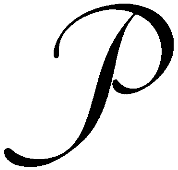
19



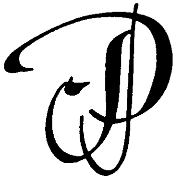
20



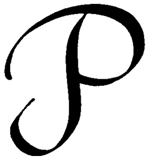
21



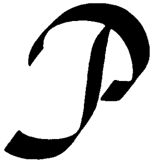
22



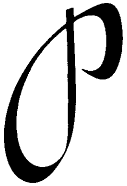
23



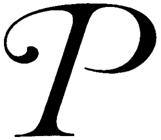
24



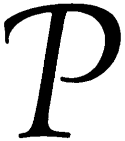
25



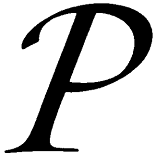
26



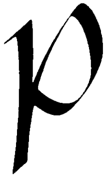
27



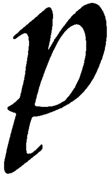
28



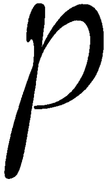
29



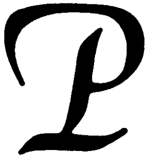
30



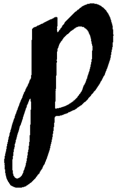
31



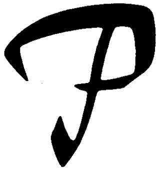
32



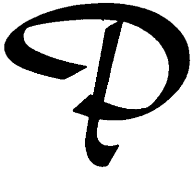
33



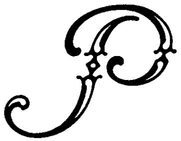
34



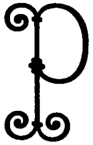
35



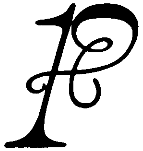
36



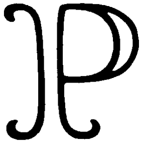
37



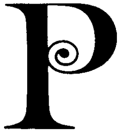
38



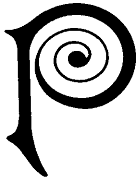
39



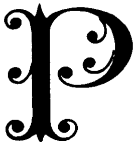
40



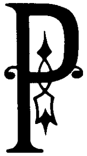
41



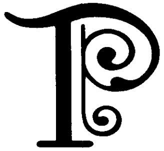
42



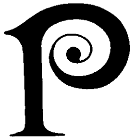
43



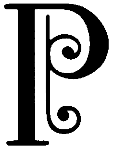
44



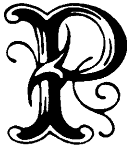
45



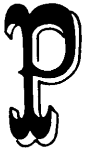
46



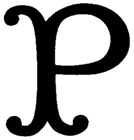
47



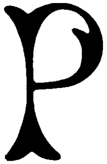
48



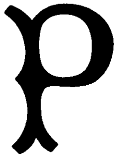
49



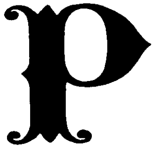
50



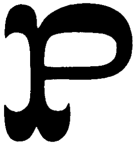
51



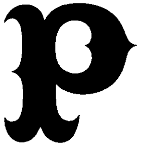
52



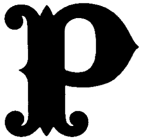
53



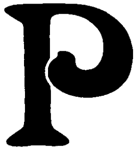
54



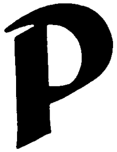
55



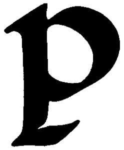
56



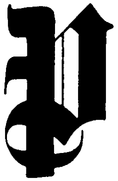
57



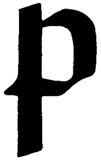
58



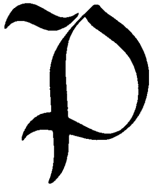
59



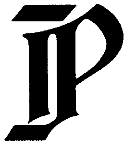
60



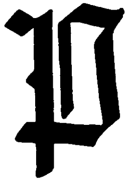
61



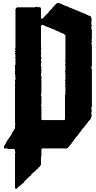
62



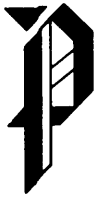
63



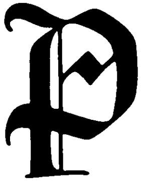
64



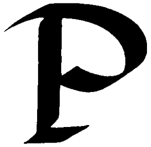
65



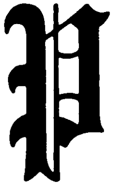
66



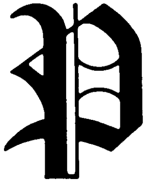
67



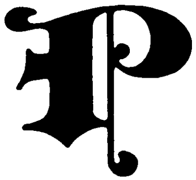
68



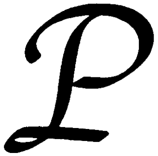
69



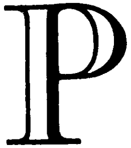
70



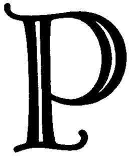
71



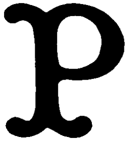
72



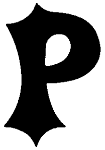
73



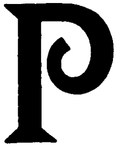
74



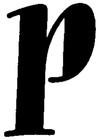
75



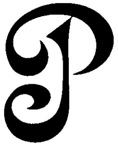
76



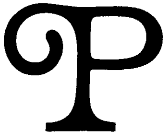
77



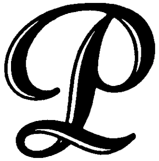
78



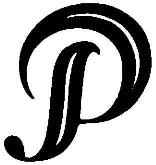
79



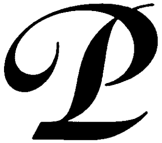
80



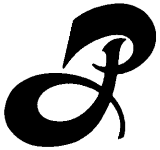
81



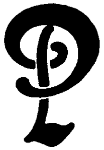
82



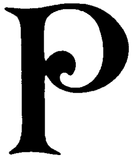
83



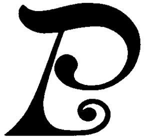
84



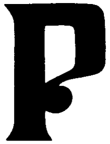
85



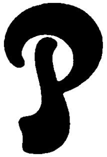
86



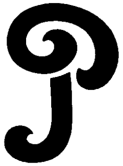
87



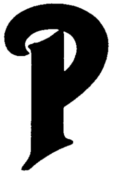
88



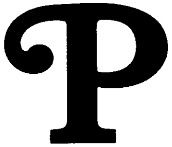
89



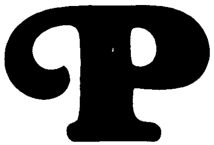
90



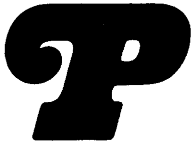
91



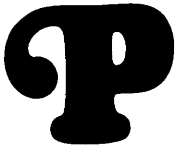
92



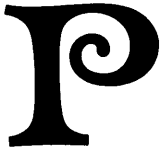
93



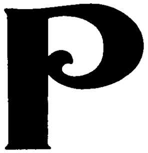
94



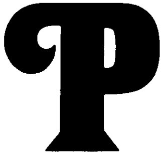
95



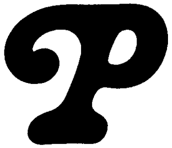
96



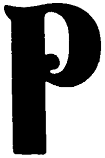
97



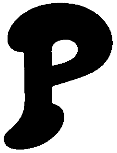
98



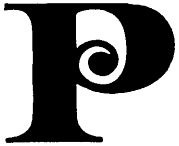
99



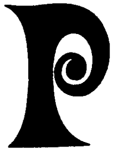
100



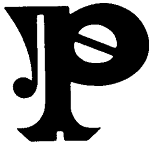
101



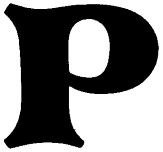
102



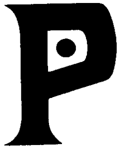
103



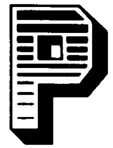
104



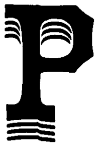
105



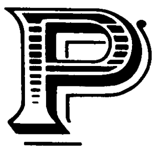
106



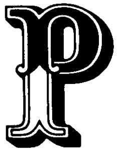
107



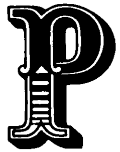
108



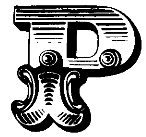
109



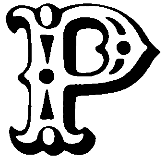
110



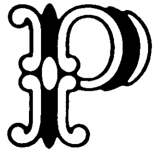
111



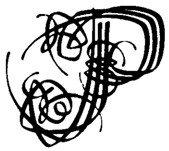
112



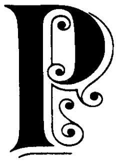
113



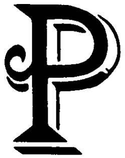
114



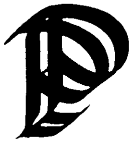
115



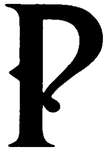
116



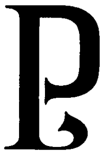
117



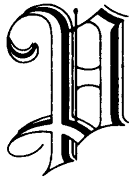
118



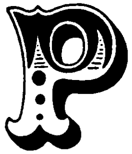
119



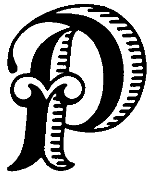
120



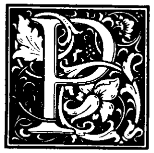
121



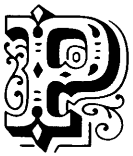
122



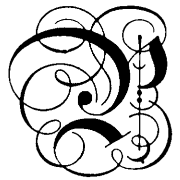
123



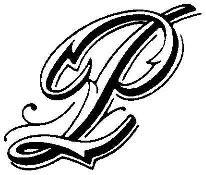
124



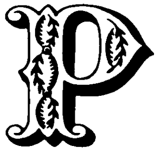
125



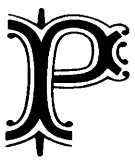
126



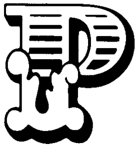
127



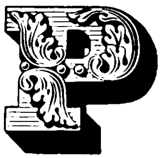
128



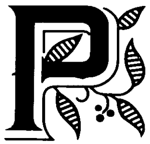
129



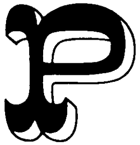
130



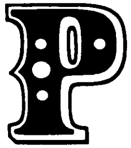
131



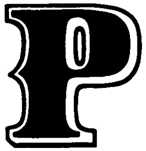
132



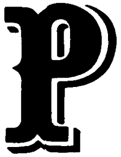
133



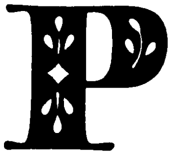
134



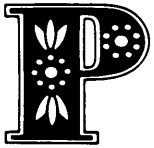
135



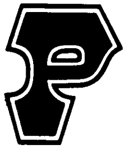
136



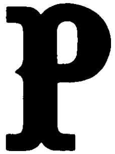
137



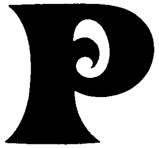
138



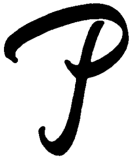
139



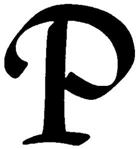
140



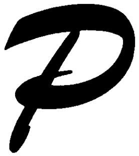
141



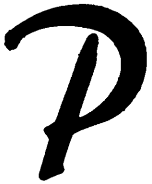
142



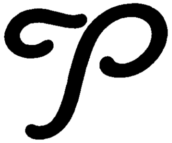
143



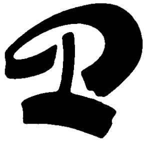
144



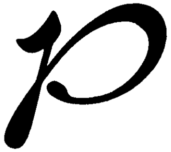
145



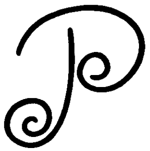
146



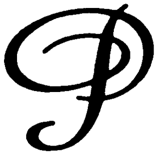
147



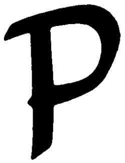
148



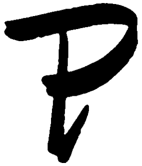
149



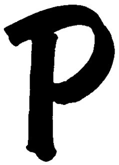
150



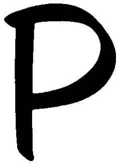
151



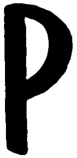
152



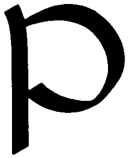
153



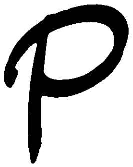
154



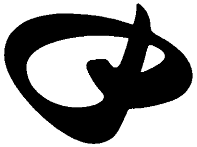
155



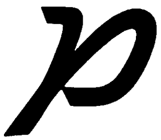
156



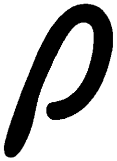
157



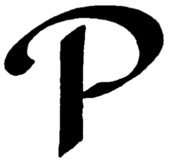
158



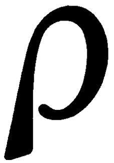
159



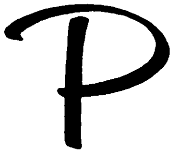
160



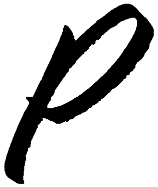
161



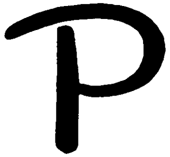
162



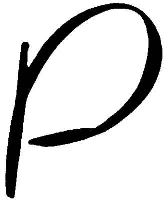
163



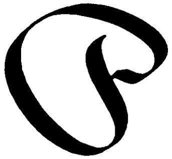
164



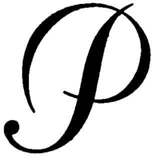
165



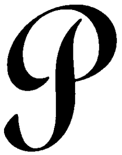
166



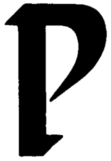
167



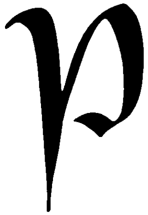
168



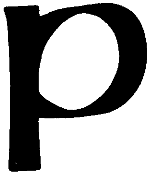
169



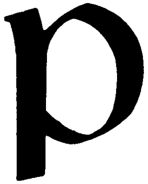
170



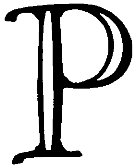
171



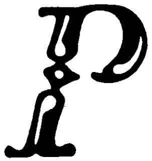
172



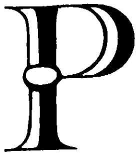
173



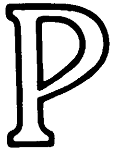
174



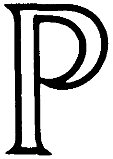
175



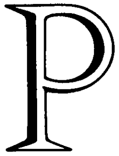
176



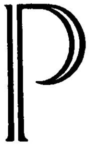
177



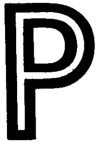
178



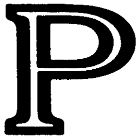
179



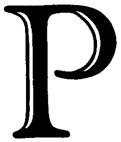
180



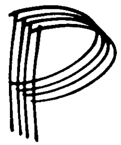
181



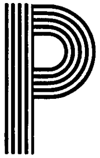
182



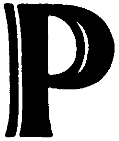
183



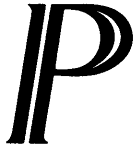
184



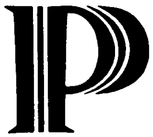
185



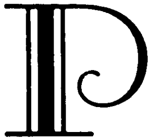
186



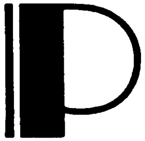
187



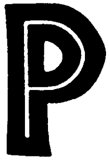
188



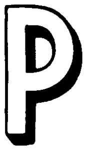
189



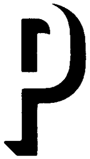
190



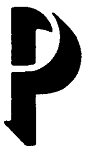
191



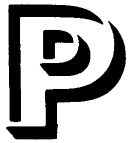
192



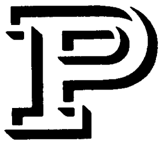
193



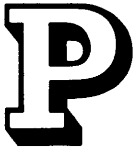
194



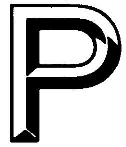
195



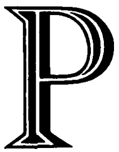
196



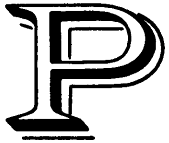
197



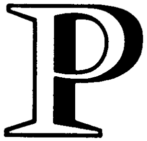
198



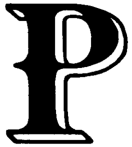
199



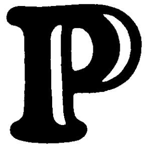
200



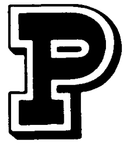
201



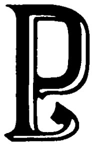
202



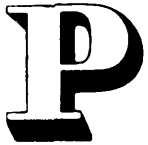
203



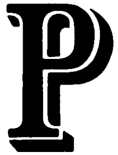
204



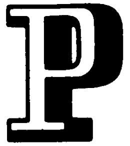
205



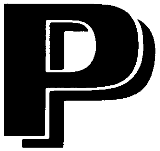
206



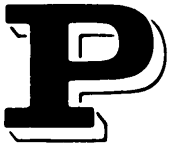
207



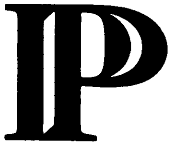
208

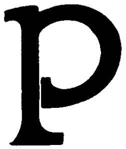
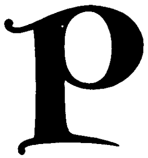
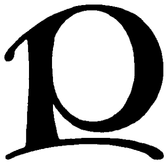
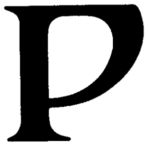
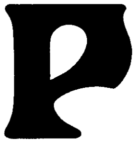
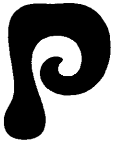
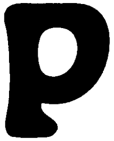
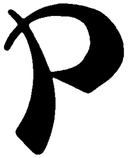
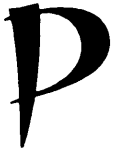
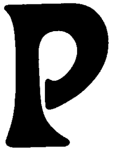
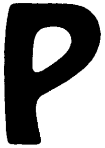
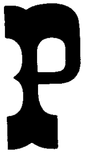
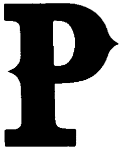
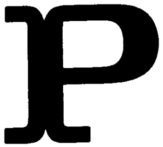
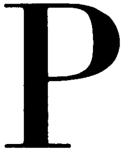
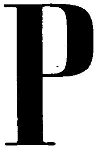
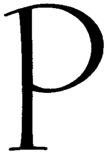
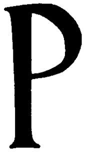
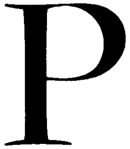
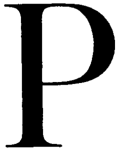
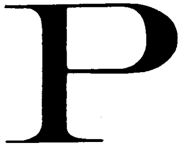
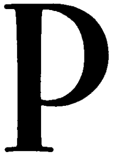
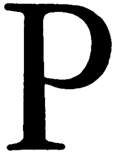
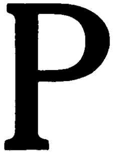
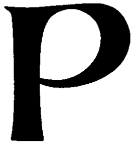
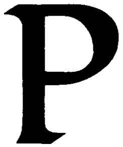
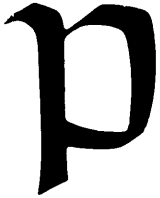
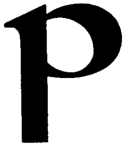
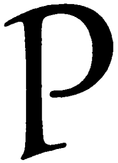
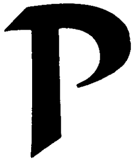
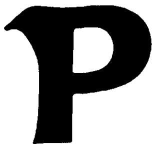
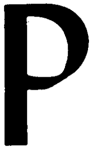
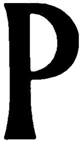
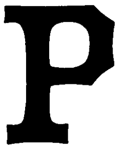
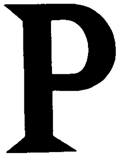


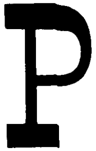
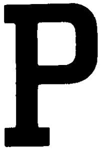
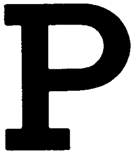
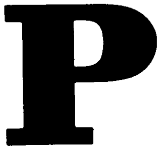
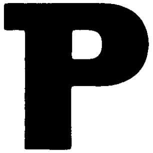
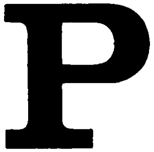
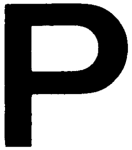
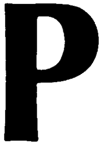
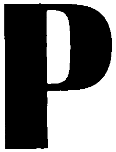
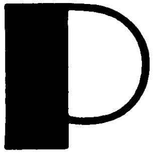
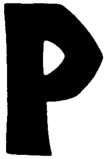
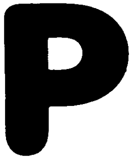
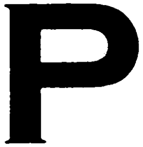
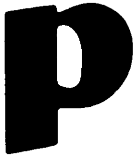
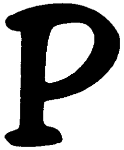
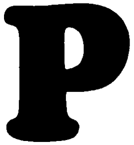
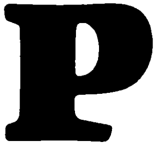
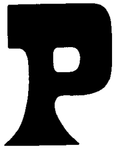
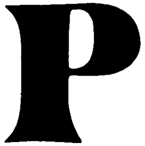
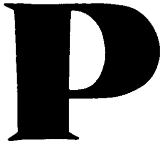
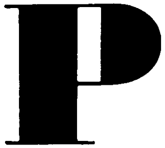
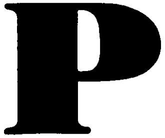
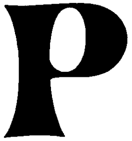
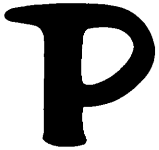
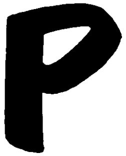
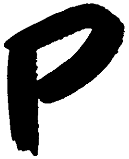
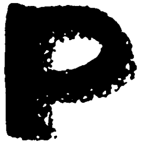
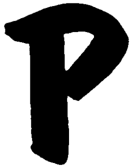
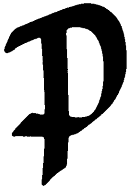
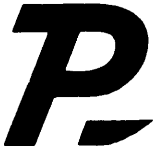
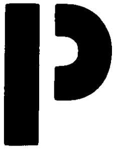
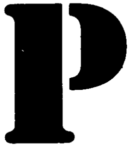
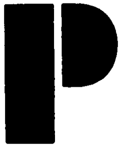
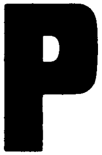
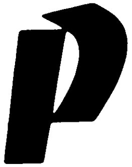
209

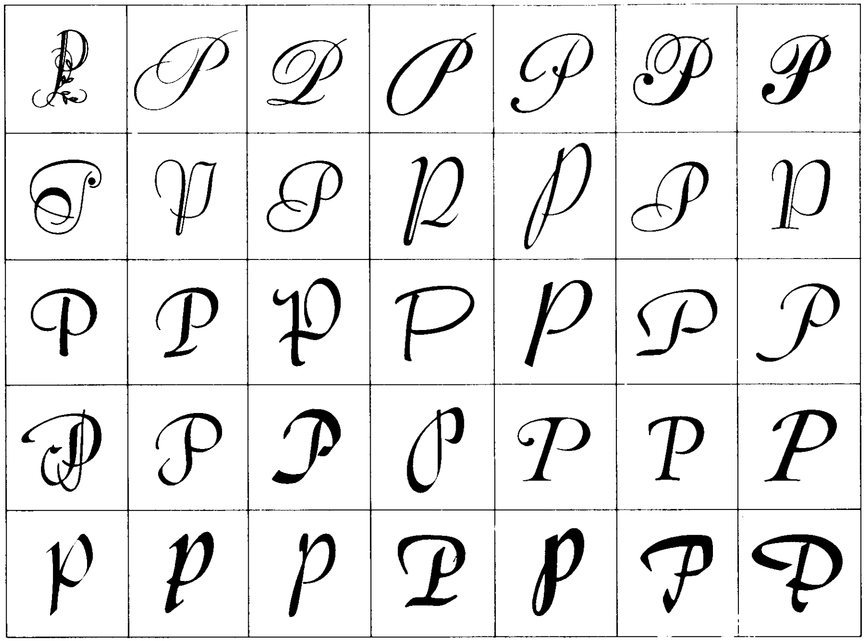


210

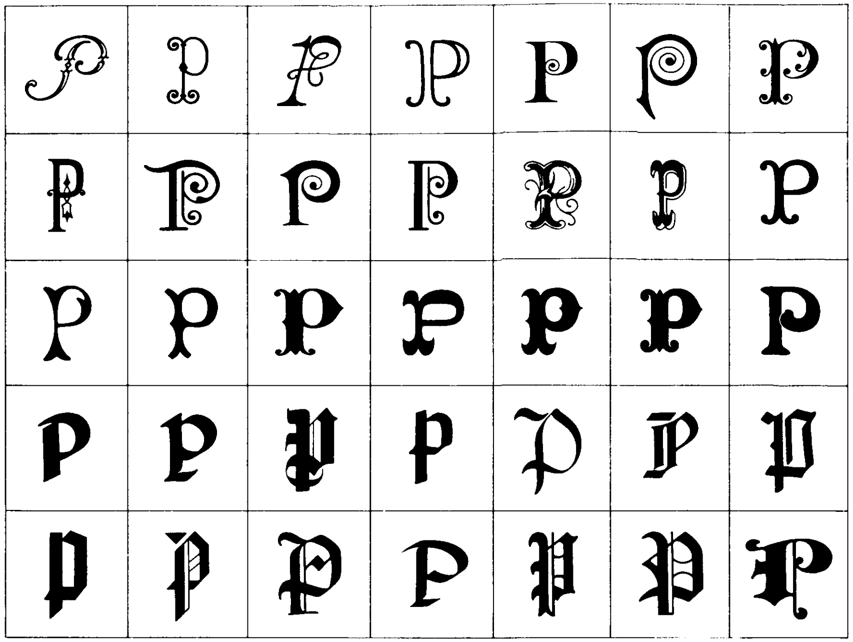


211

212

213

214

215

216

217

218

219

220

221

222

223

224

225

226

227

228

229

230

231

232

233

234

235

236

237

238

239

240

241

242

243

244

245


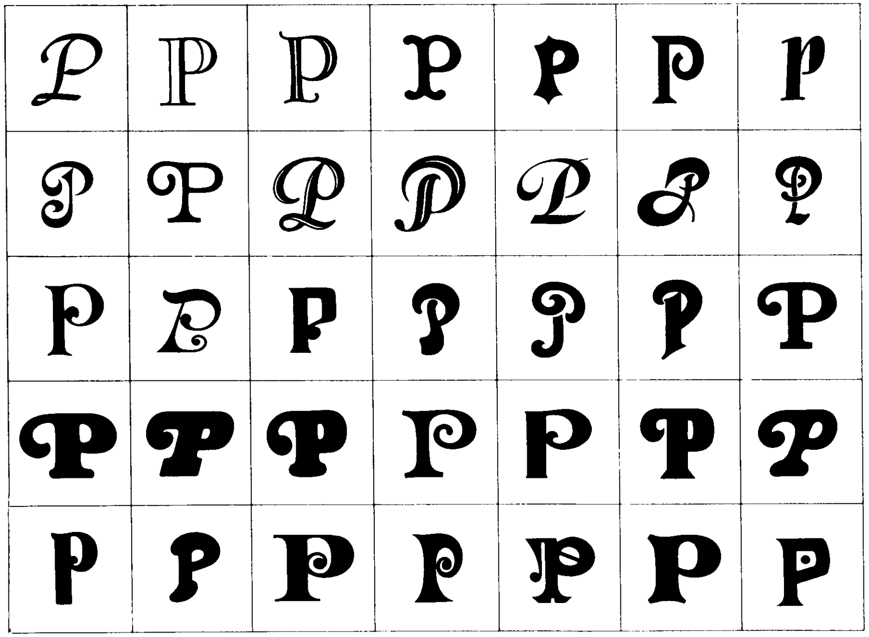
246 	247 	248 	249 	250 	251 	252 
253 	254 	255 	256 	257 	258 	259 
260 	261 	262 	263 	264 	265 	266 
267 	268 	269 	270 	271 	272 	273 
274 	275 	276 	277 	278 	279 	280 



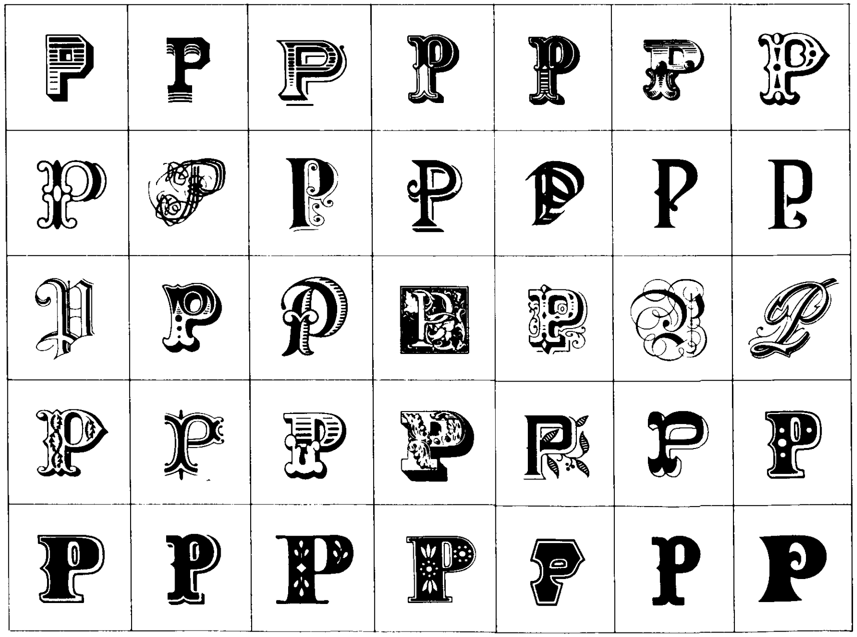
152



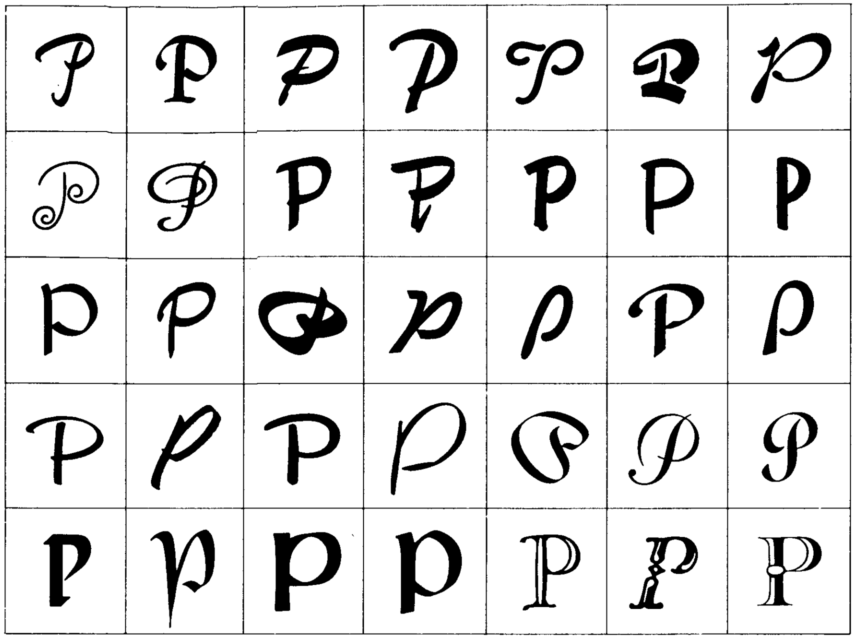
153



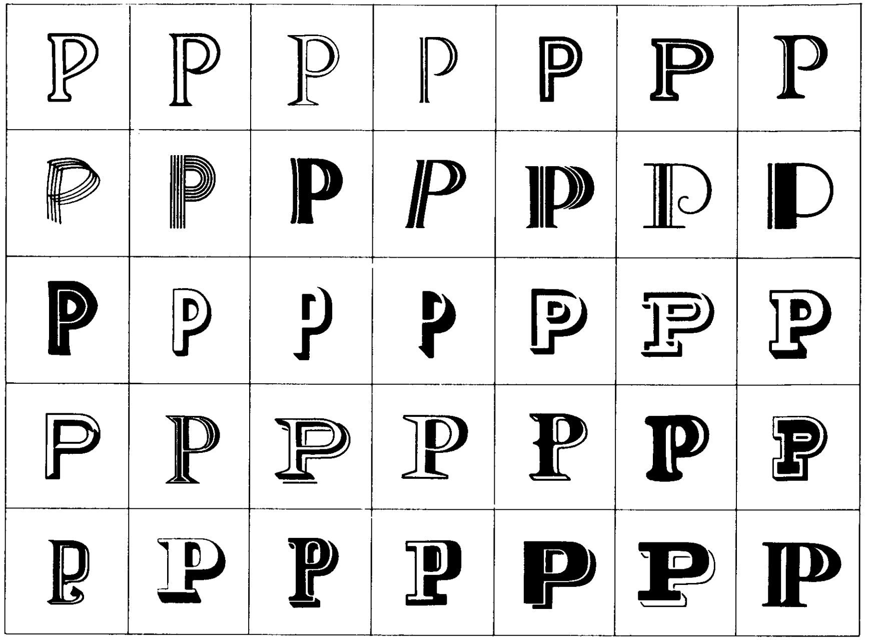
154



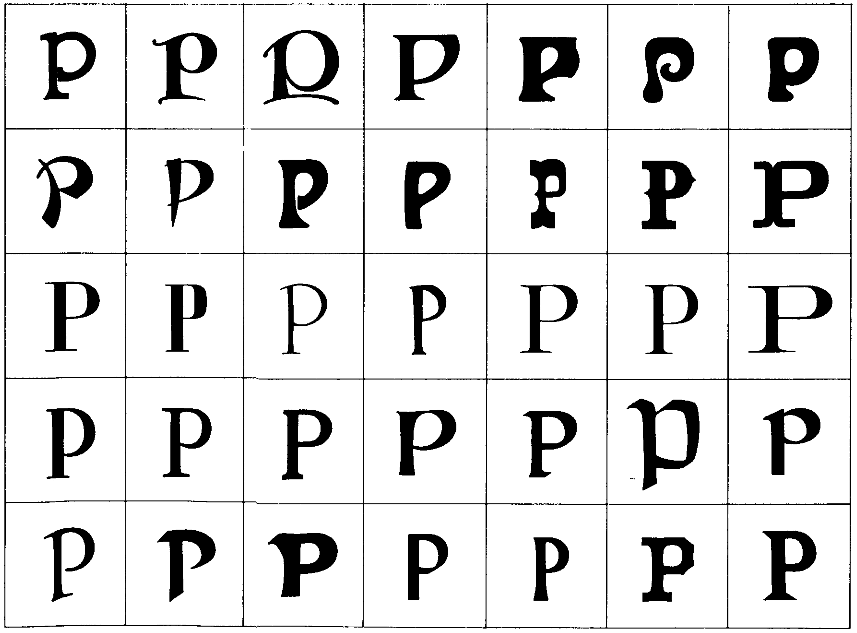
155



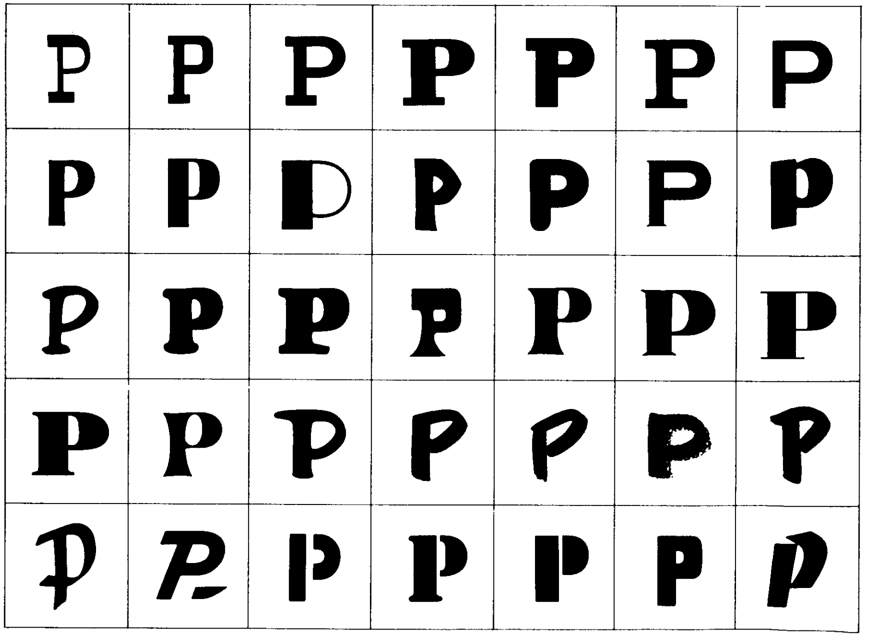
156



157

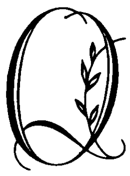


158

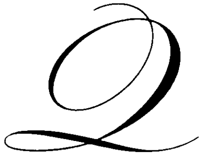


159

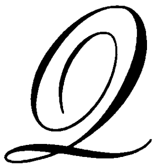
1



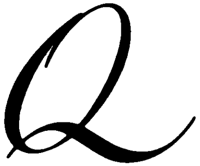
2



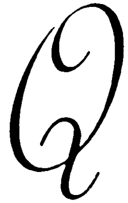
3



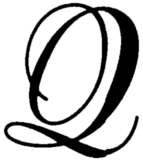
4



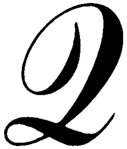
5



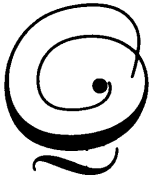
6



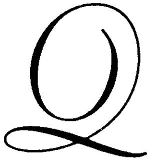
7



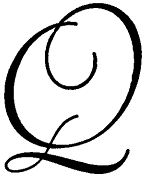
8



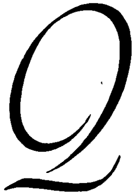
9



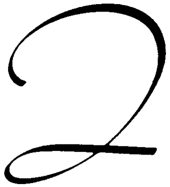
10



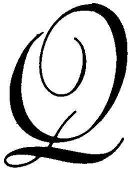
11



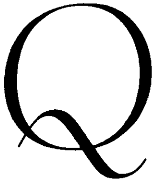
12



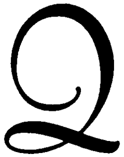
13



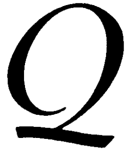
14



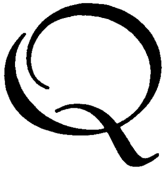
15



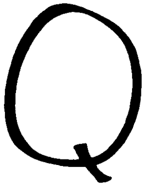
16



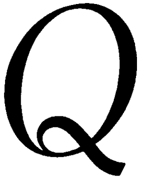
17



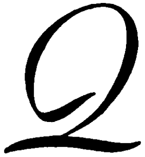
18



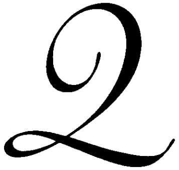
19



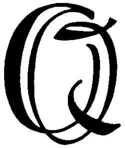
20



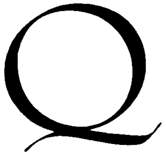
21



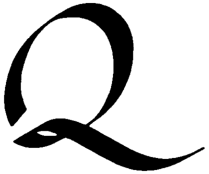
22



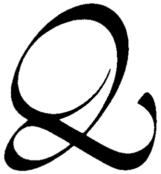
23



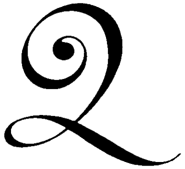
24



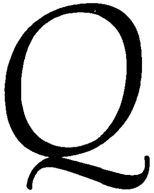
25



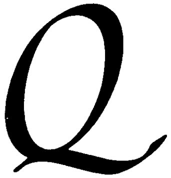
26



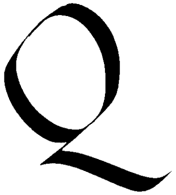
27



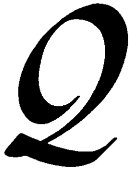
28



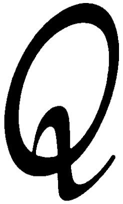
29



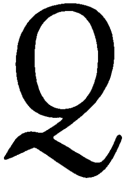
30



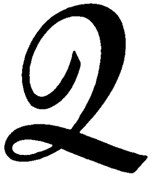
31



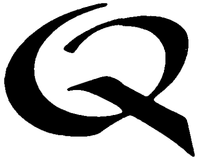
32



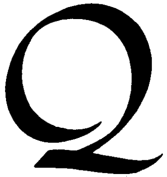
33



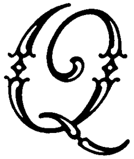
34



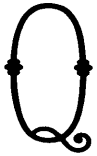
35



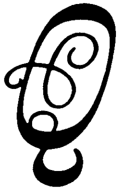
36



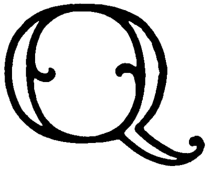
37



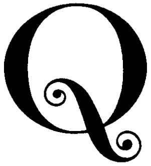
38



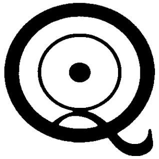
39



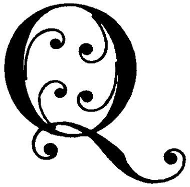
40



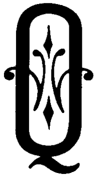
41



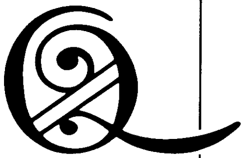
42



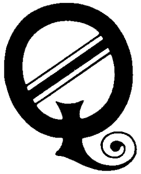
43



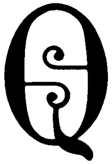
44



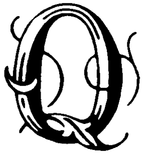
45



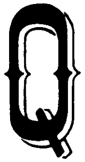
46



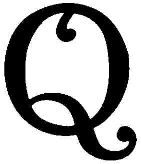
47



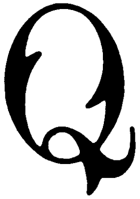
48



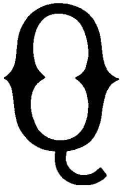
49



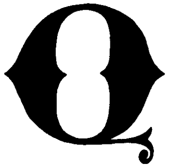
50



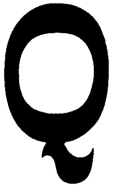
51



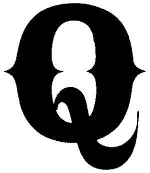
52



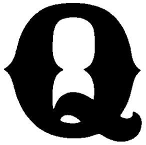
53



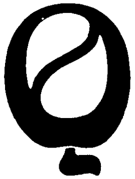
54



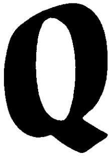
55



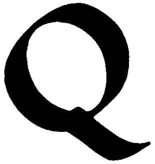
56



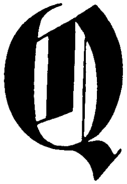
57



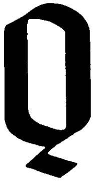
58



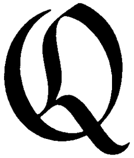
59



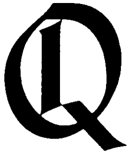
60



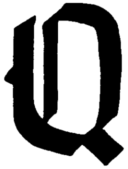
61



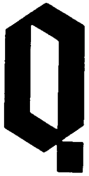
62



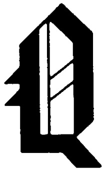
63



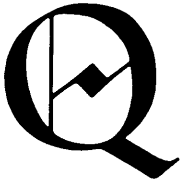
64



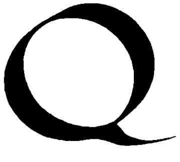
65



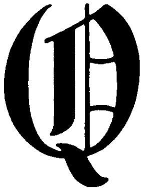
66



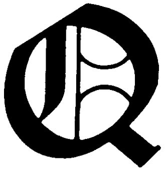
67



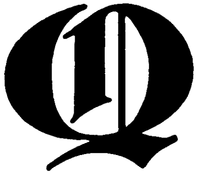
68



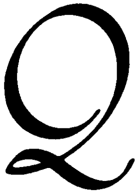
69



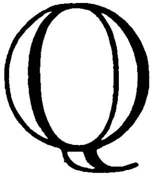
70



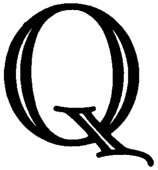
71



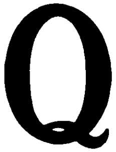
72



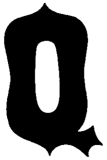
73



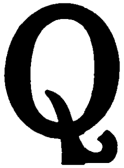
74



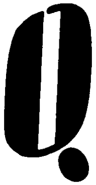
75



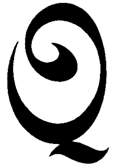
76



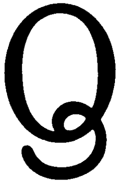
77



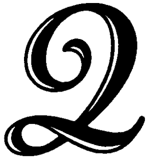
78



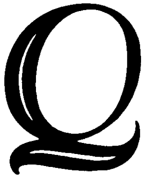
79



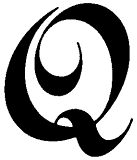
80



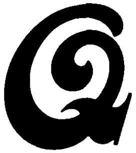
81



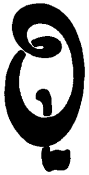
82



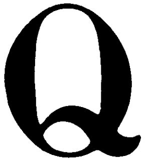
83



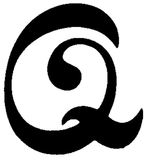
84



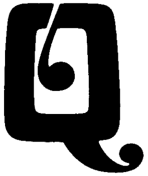
85



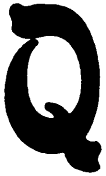
86



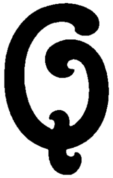
87



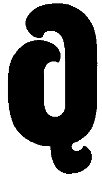
88



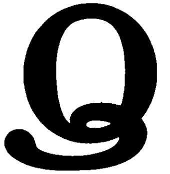
89



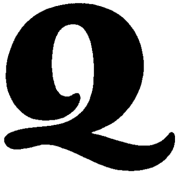
90



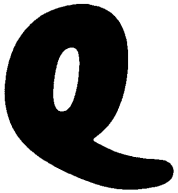
91



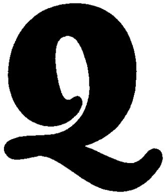
92



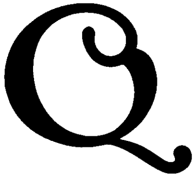
93



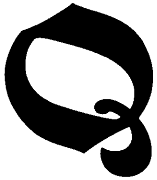
94



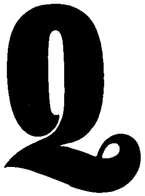
95



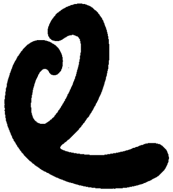
96



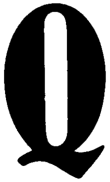
97



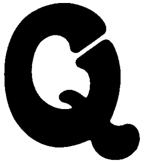
98



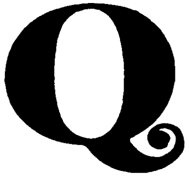
99



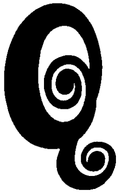
100



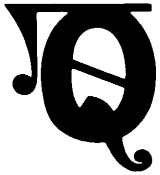
101



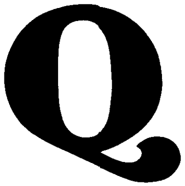
102



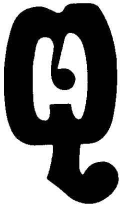
103

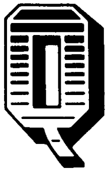


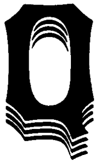
104

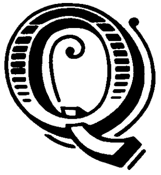


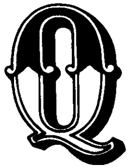
105

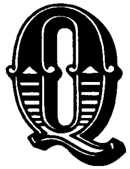


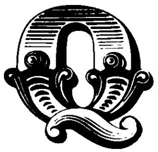
106


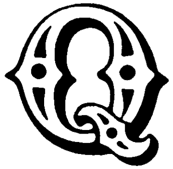
107


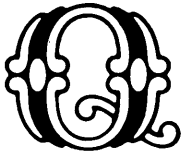
108


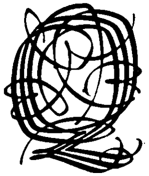
109


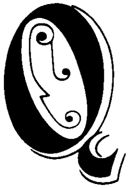
110


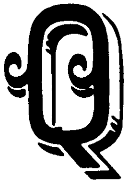
111


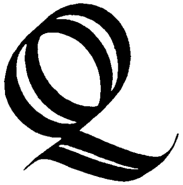
112


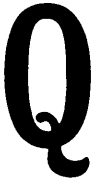
113


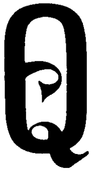
114


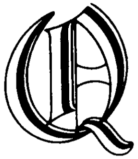
115


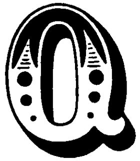
116


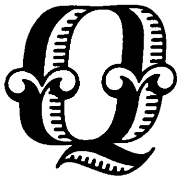
117


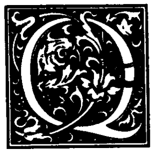
118


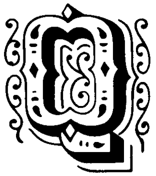
119


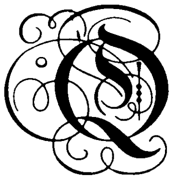
120


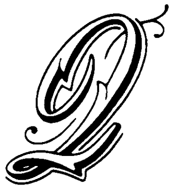
121


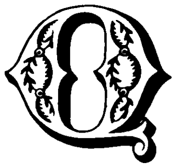
122


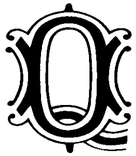
123


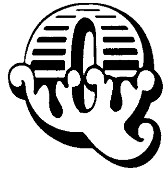
124


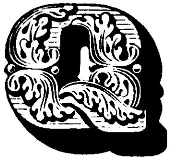
125


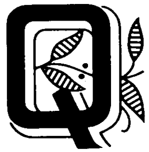
126


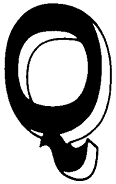
127


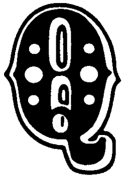
128


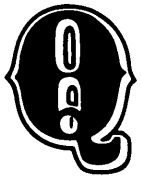
129


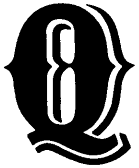
130


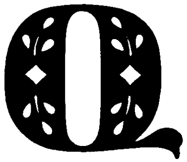
131


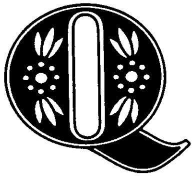
132


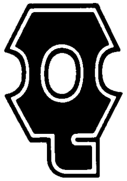
133


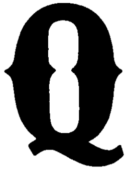
134


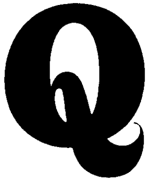
135


136


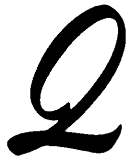
137


138


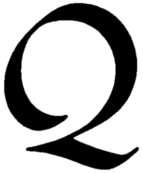
139


140


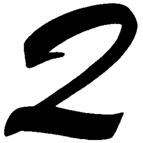
141



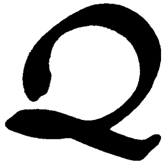
142



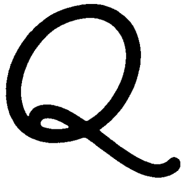
143



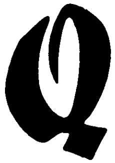
144



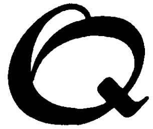
145



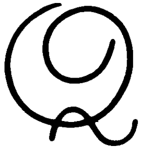
146



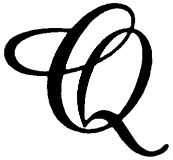
147



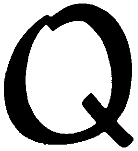
148



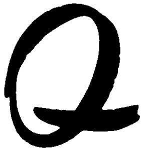
149



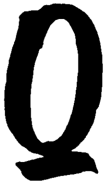
150



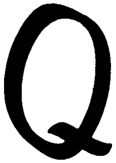
151



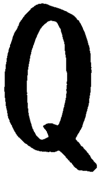
152



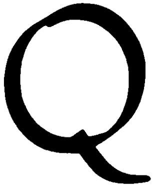
153



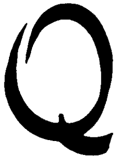
154



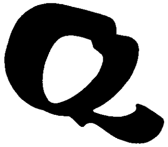
155



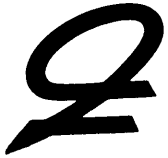
156



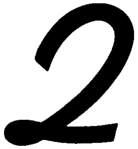
157



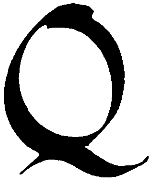
158



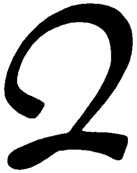
159



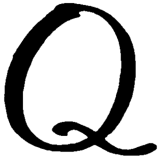
160



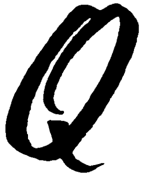
161



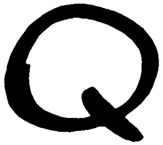
162



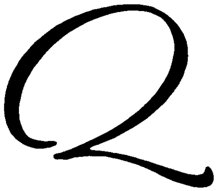
163



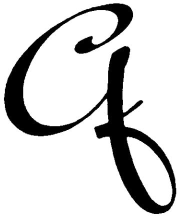
164



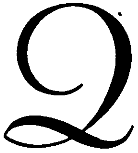
165



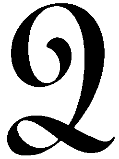
166



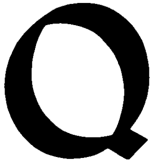
167



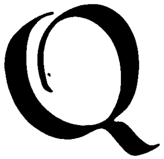
168



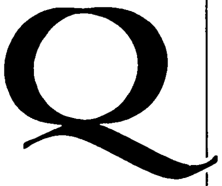
169



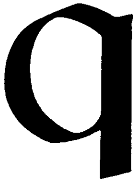
170



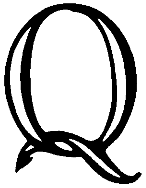
171



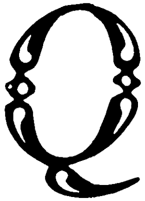
172



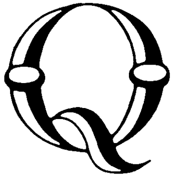
173

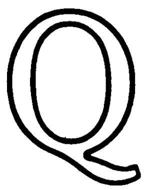
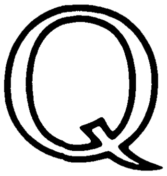
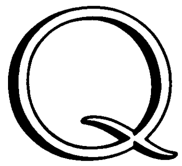
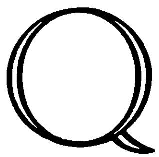
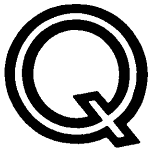
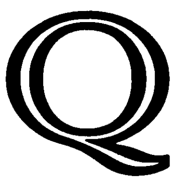
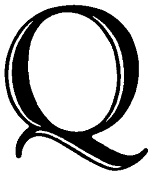
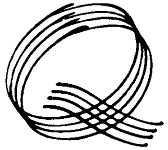
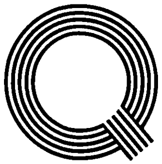
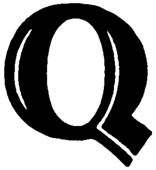
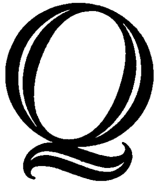
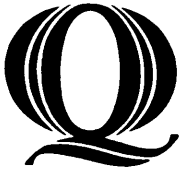
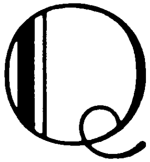
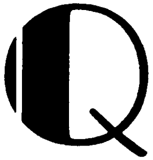
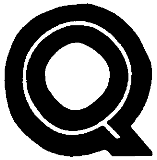
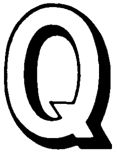
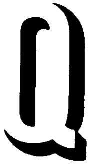
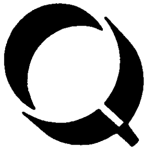
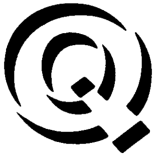
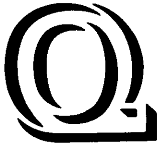
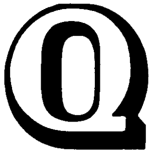
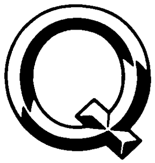
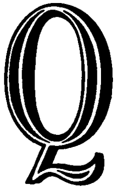
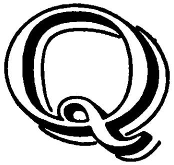
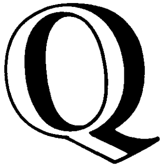
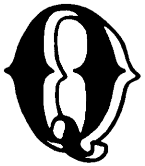
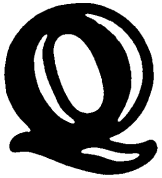
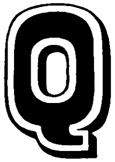
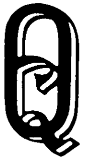
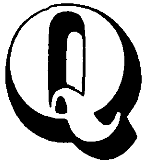
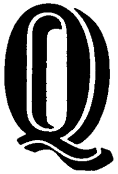
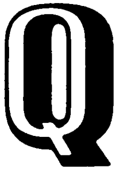
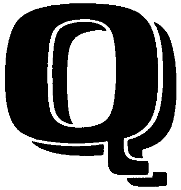
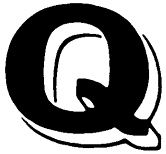
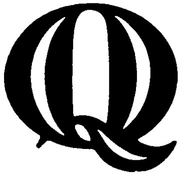


174

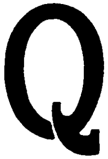


175

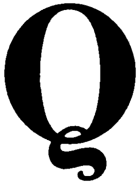


176

177

178

179

180

181

182

183

184

185

186

187

188

189

190

191

192

193

194

195

196

197

198

199

200

201

202

203

204

205

206

207

208

209

210


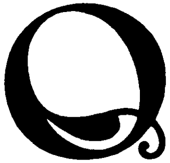
211



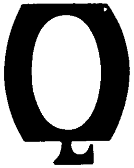
212



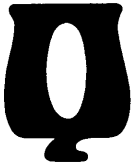
213



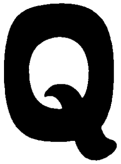
214



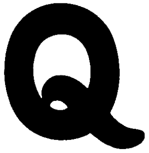
215



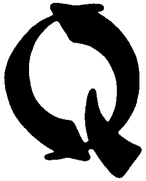
216



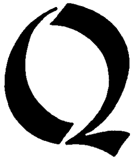
217



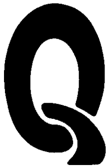
218



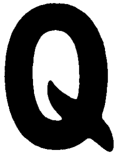
219



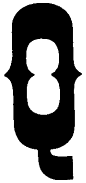
220



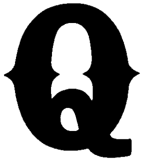
221



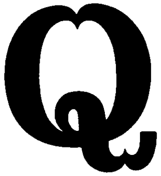
222



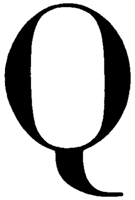
223



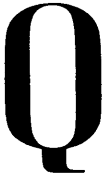
224



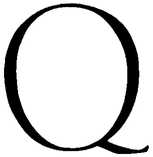
225



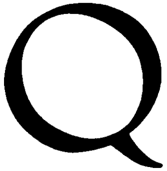
226



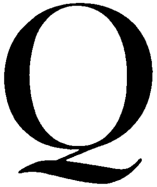
227



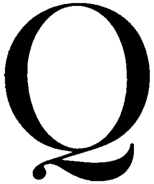
228



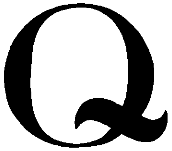
229



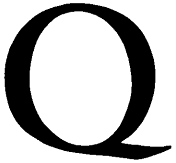
230



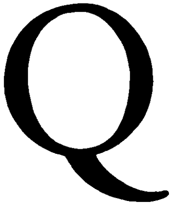
231



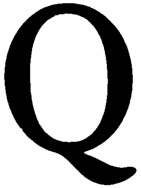
232



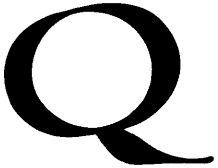
233



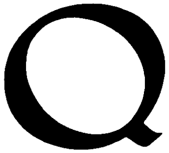
234



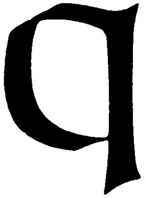
235



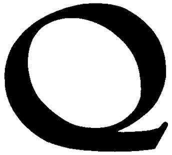
236



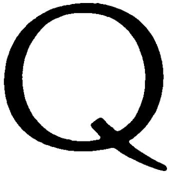
237



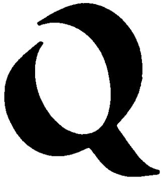
238



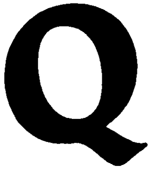
239



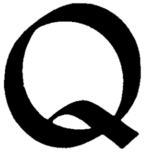
240



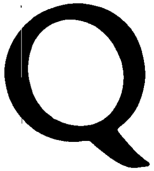
241



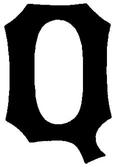
242



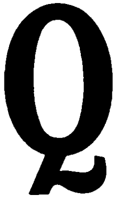
243



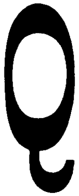
244



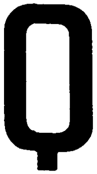
245



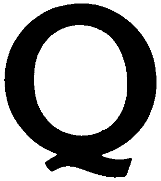
246



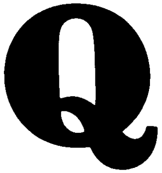
247



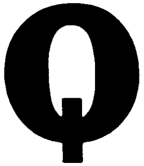
248



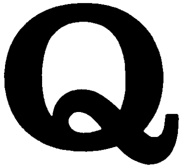
249



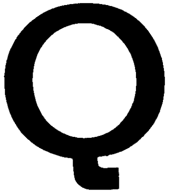
250



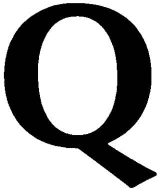
251



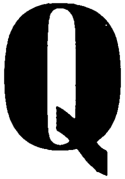
252



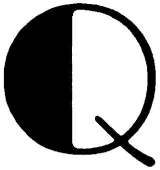
253



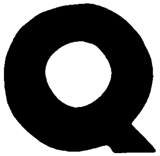
254



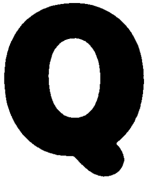
255



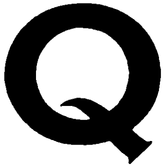
256



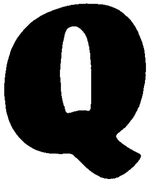
257



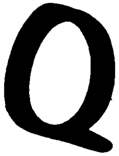
258



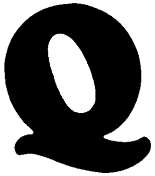
259



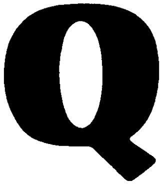
260



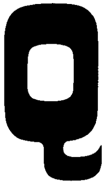
261



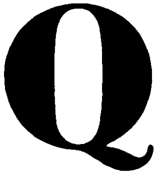
262



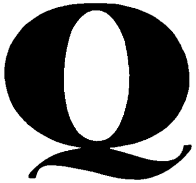
263



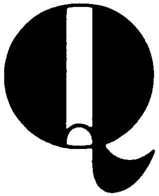
264



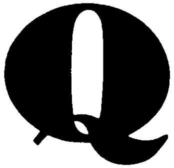
265



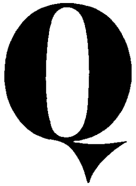
266



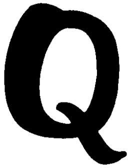
267



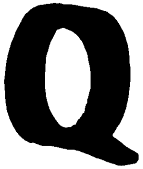
268



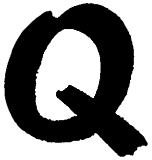
269



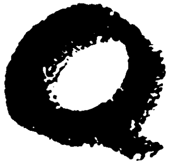
270



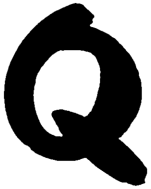
271



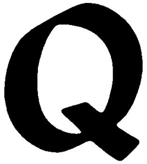
272



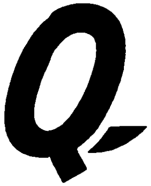
273



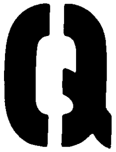
274



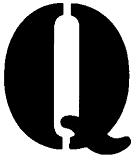
275



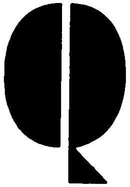
276



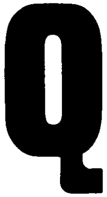
277



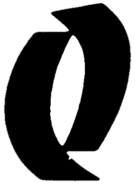
278

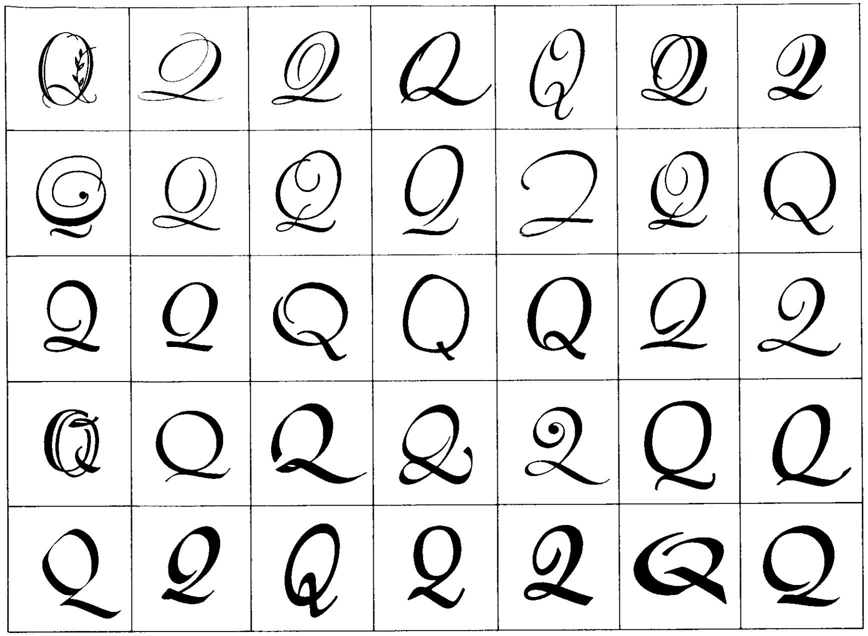


279

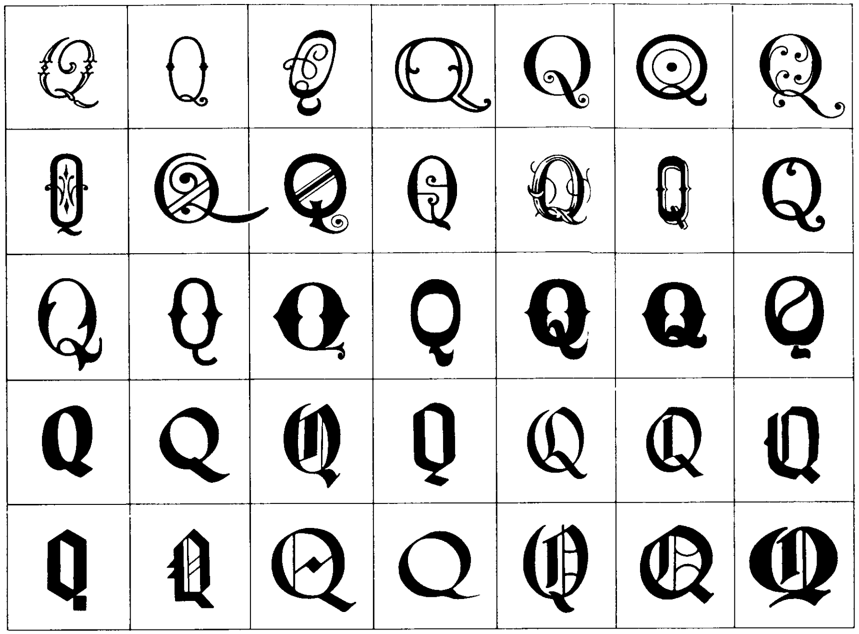


280

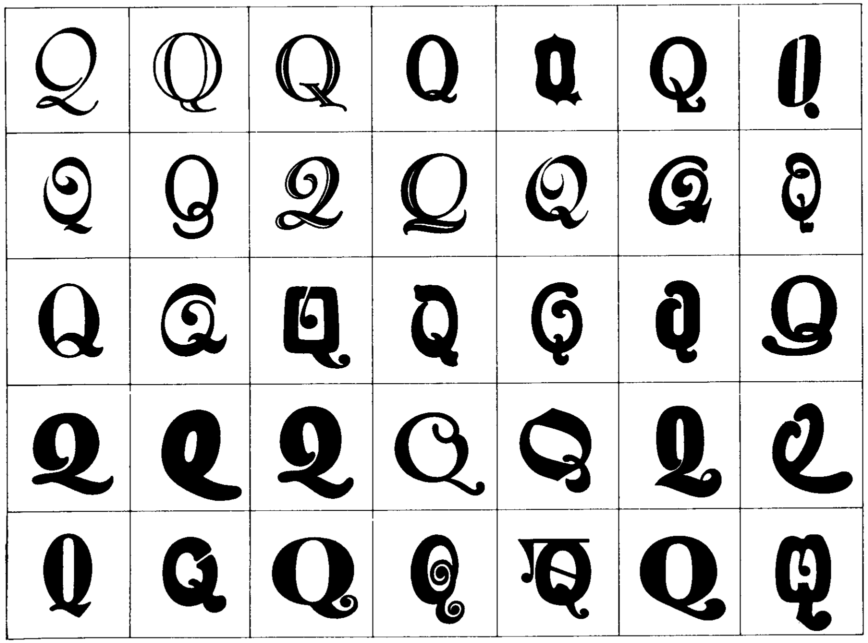




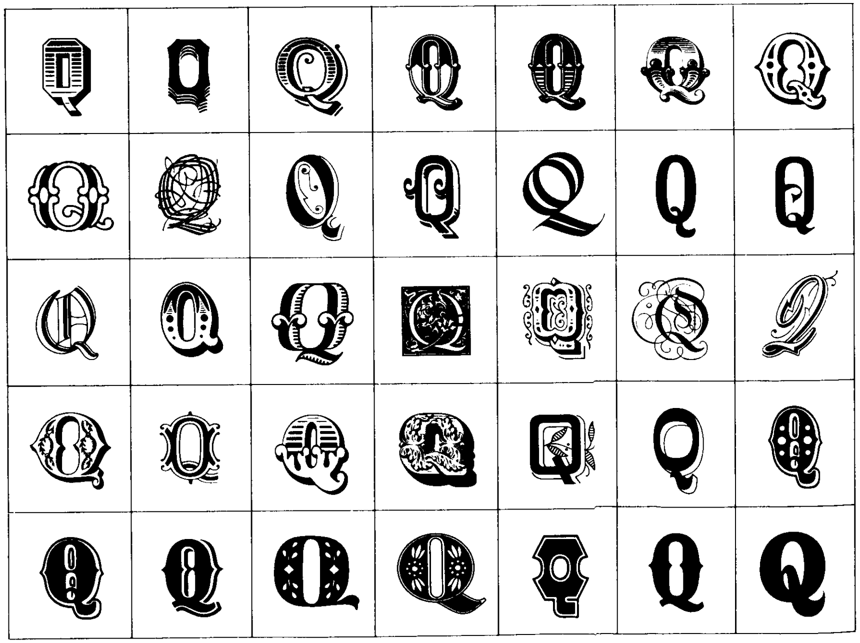
162



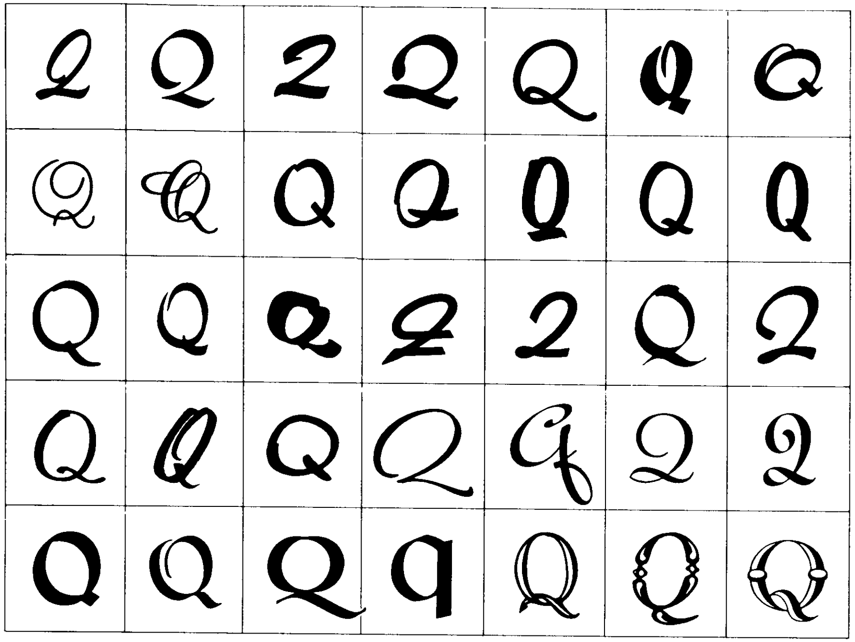
163



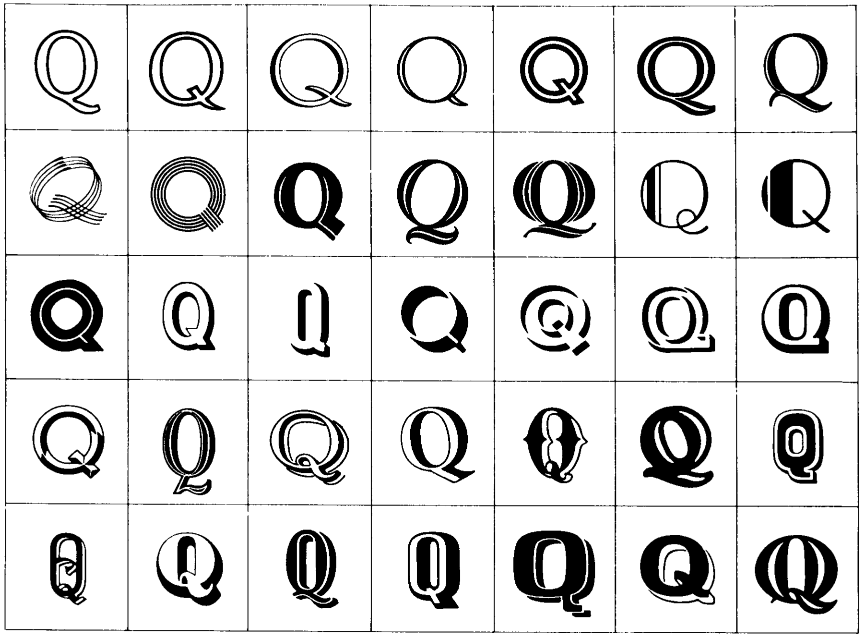
164



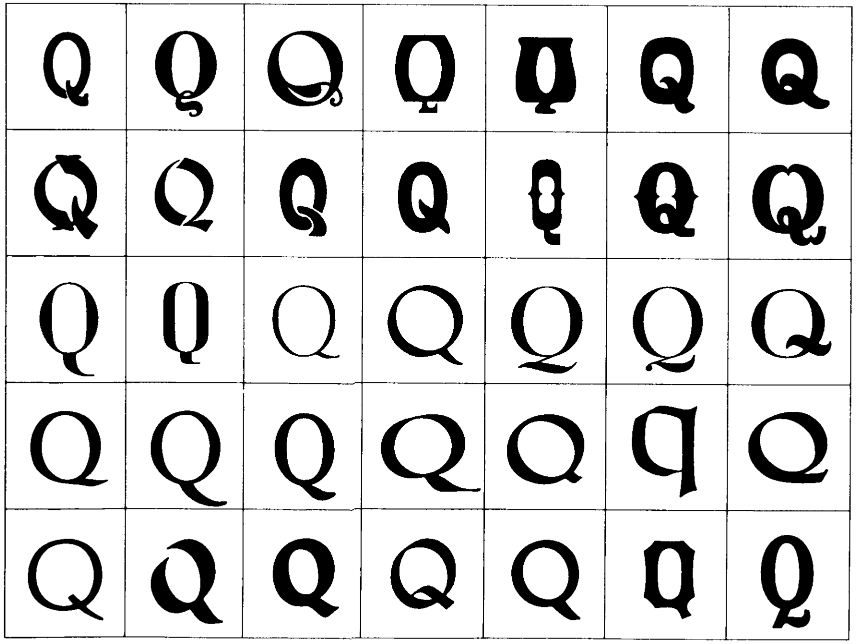
165



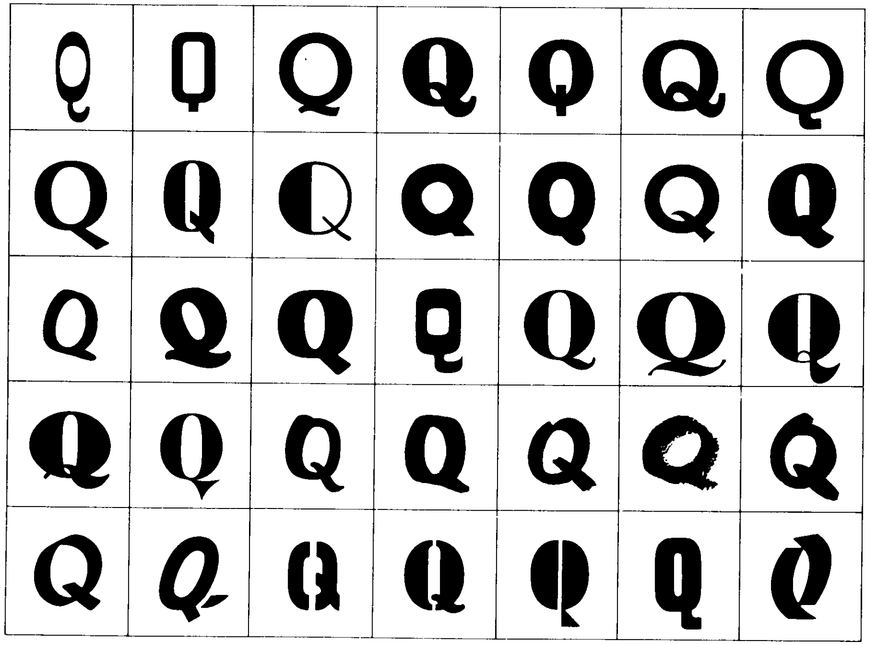
166



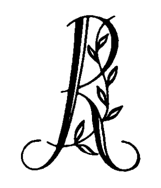
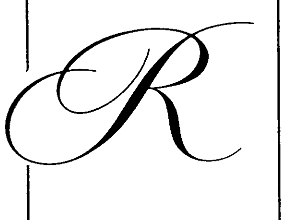
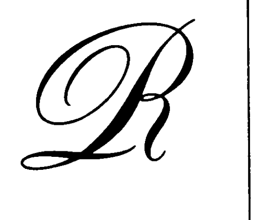
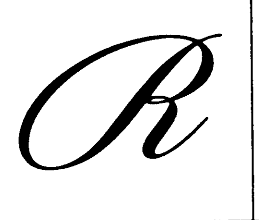
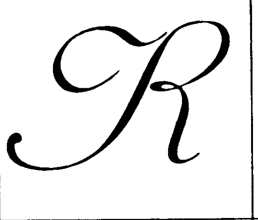
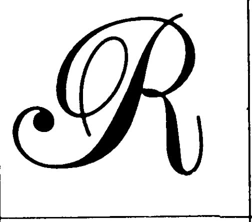
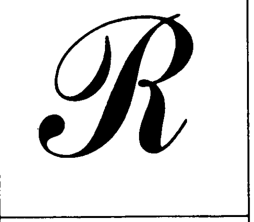
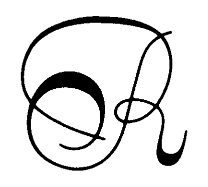
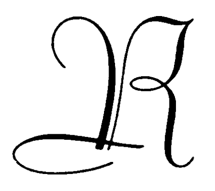
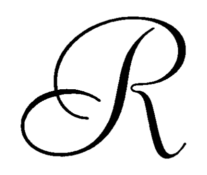
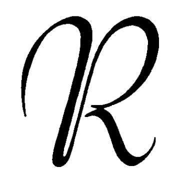
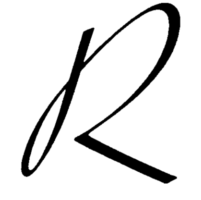
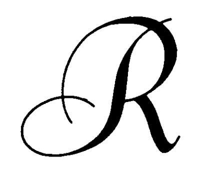
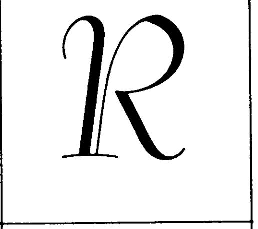
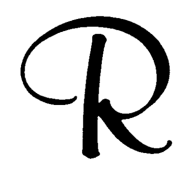
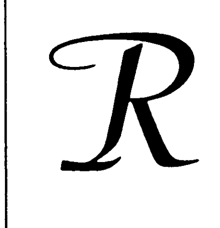
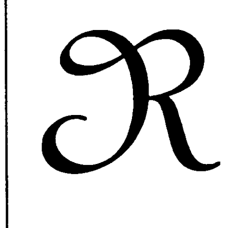
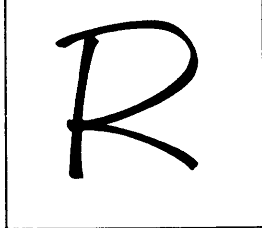
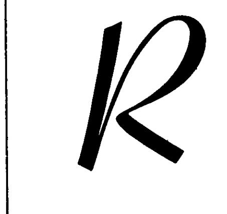
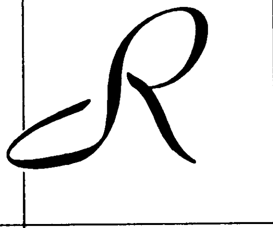
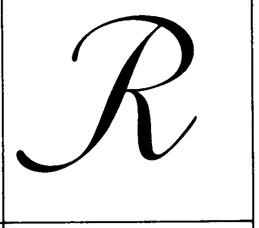
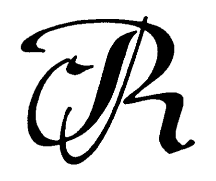
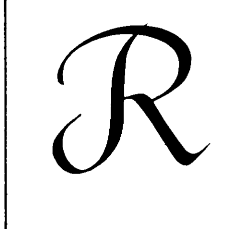
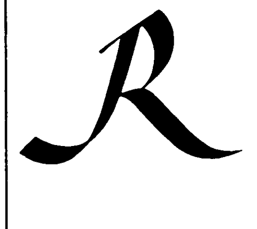
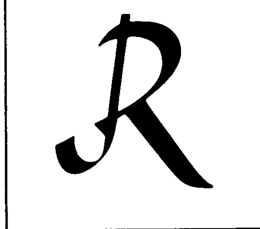
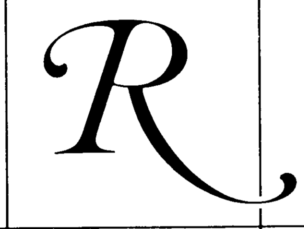
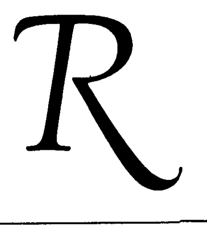
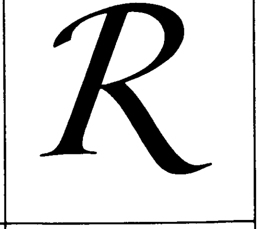
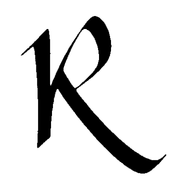
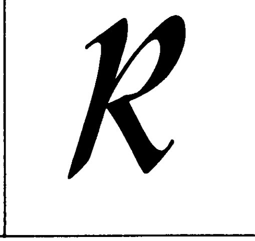
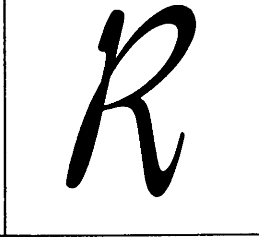
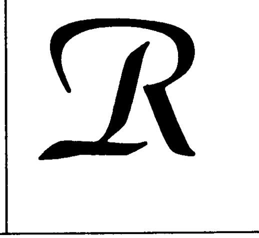
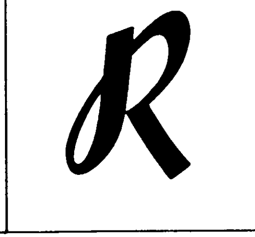
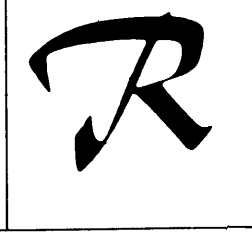
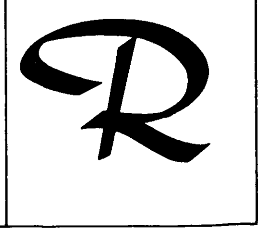
167



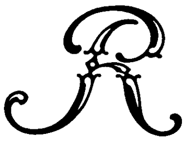
168



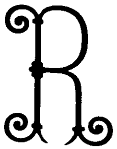
169

1

2

3

4

5

6

7

8

9

10

11

12

13

14

15

16

17

18

19

20

21

22

23

24

25

26

27

28

29

30

31

32

33

34

35


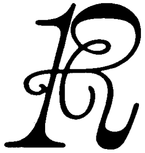
36



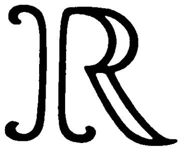
37



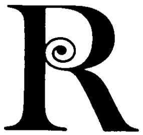
38



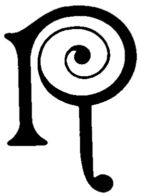
39



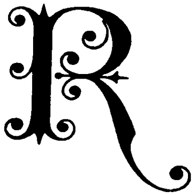
40



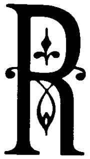
41



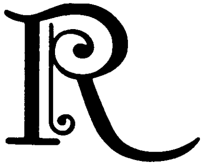
42



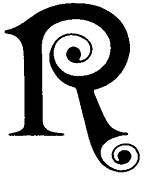
43



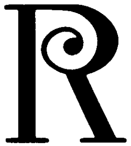
44



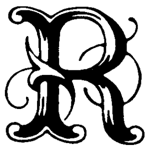
45



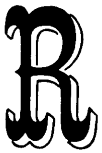
46



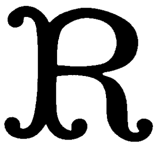
47



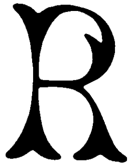
48



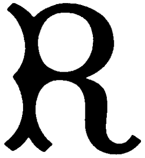
49



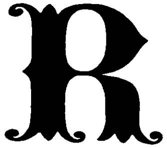
50



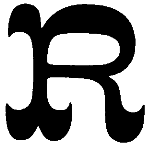
51



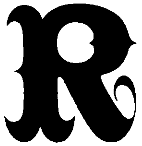
52



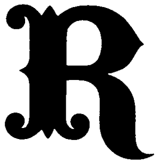
53



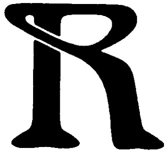
54



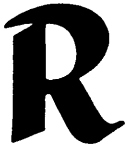
55



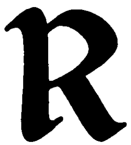
56



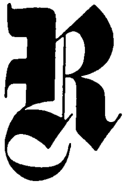
57



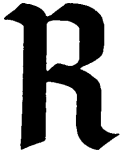
58



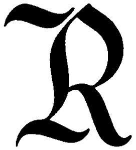
59



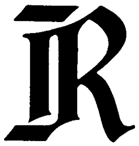
60



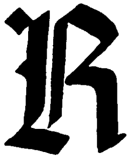
61



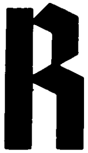
62



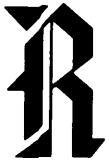
63



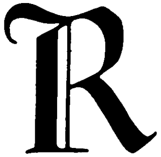
64



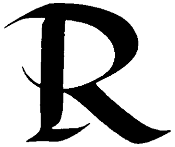
65



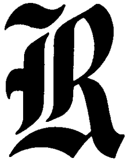
66



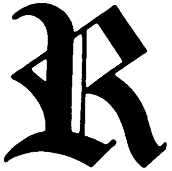
67



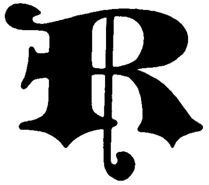
68

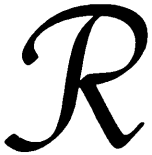


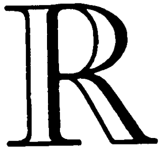
69

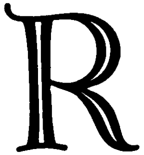


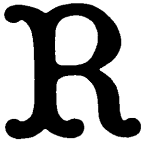
70

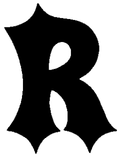


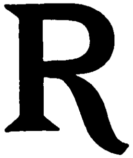
71


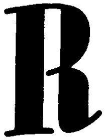
72


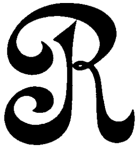
73


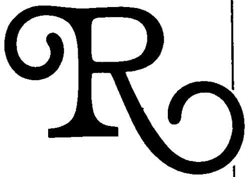
74


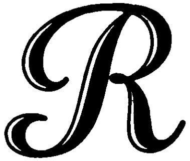
75


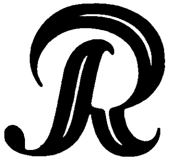
76


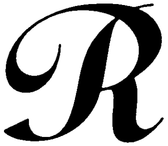
77


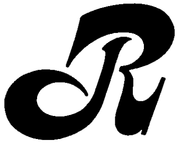
78


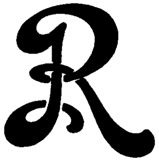
79


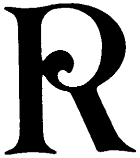
80


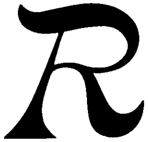
81


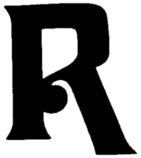
82


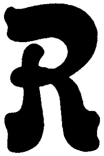
83


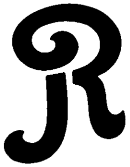
84


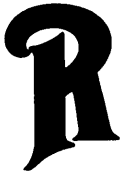
85


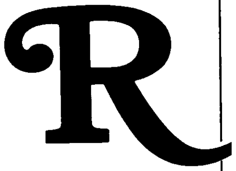
86


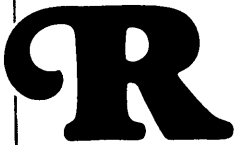
87


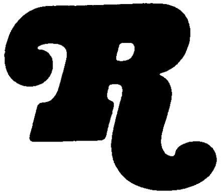
88


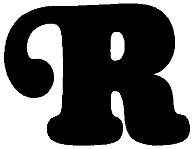
89


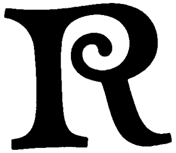
90


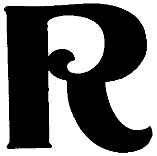
91


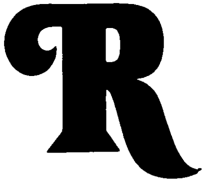
92


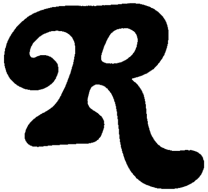
93


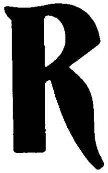
94


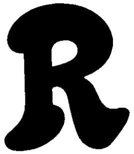
95


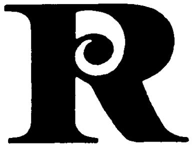
96


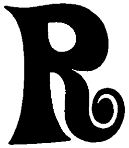
97


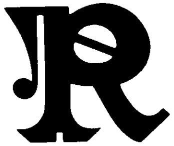
98


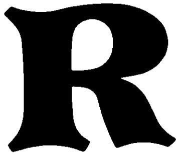
99


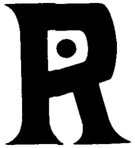
100


101


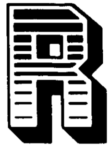
102


103


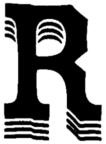
104


105


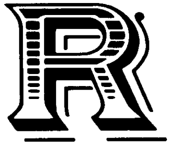
106



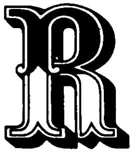
107



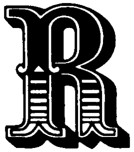
108



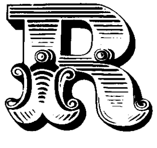
109



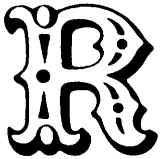
110



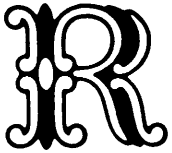
111



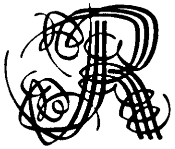
112



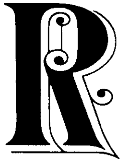
113



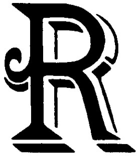
114



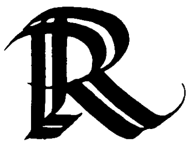
115



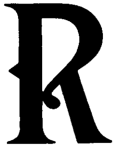
116



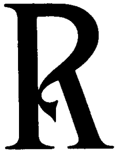
117



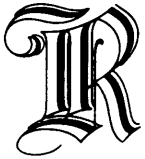
118



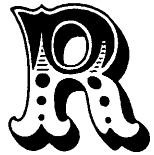
119



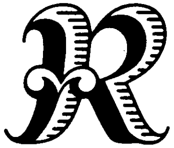
120



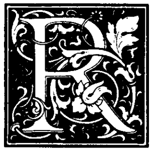
121



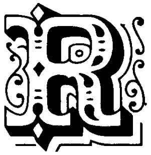
122



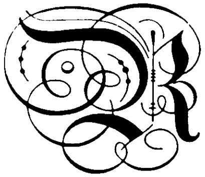
123



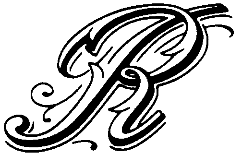
124



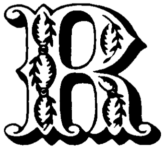
125



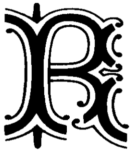
126



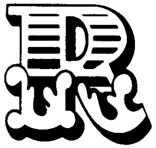
127



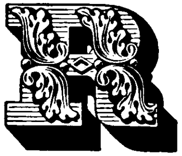
128



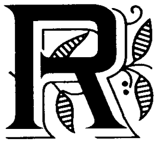
129



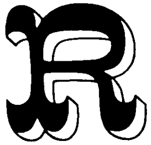
130



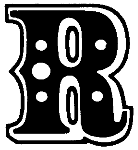
131



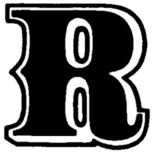
132



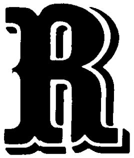
133



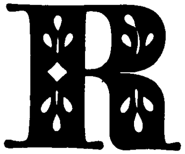
134



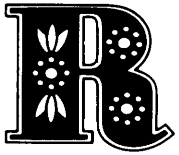
135



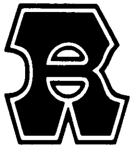
136



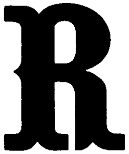
137



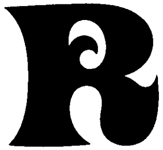
138



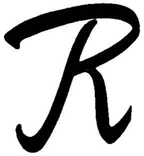
139



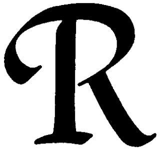
140



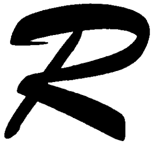
141



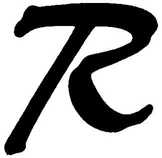
142



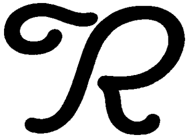
143



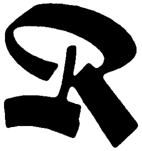
144



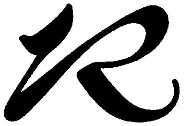
145



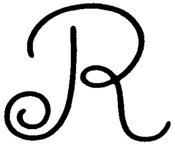
146



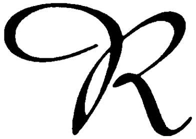
147



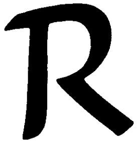
148



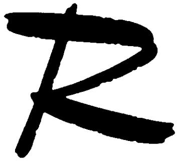
149



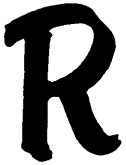
150



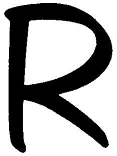
151



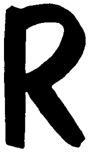
152



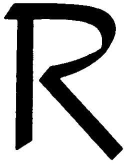
153



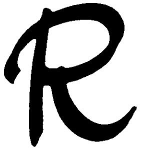
154



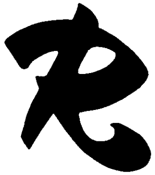
155



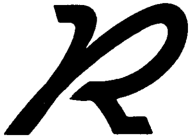
156



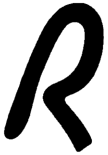
157



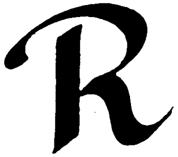
158



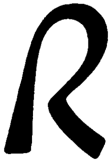
159



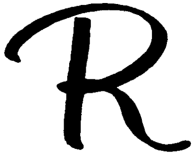
160



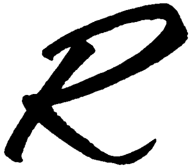
161



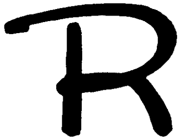
162



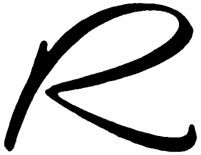
163



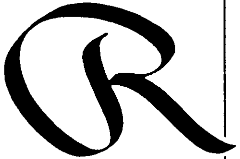
164



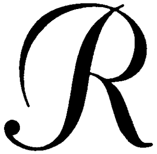
165



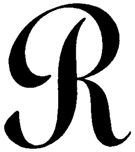
166



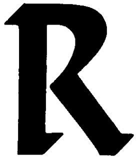
167



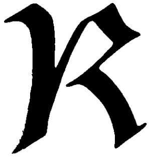
168



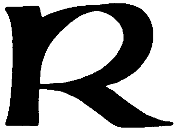
169



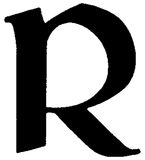
170



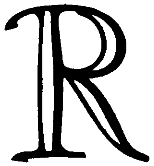
171



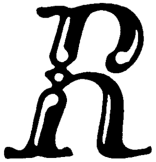
172



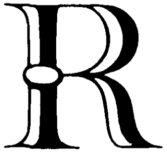
173

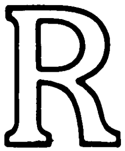


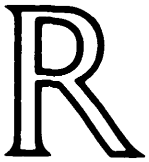
174

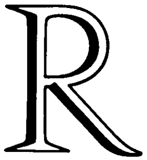


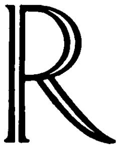
175

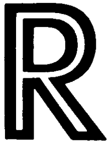


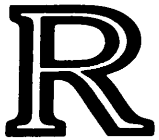
176


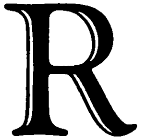
177


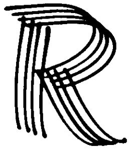
178


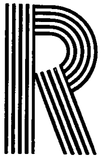
179


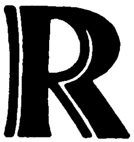
180


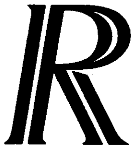
181


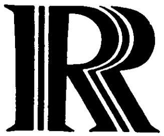
182


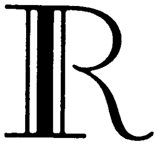
183


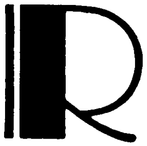
184


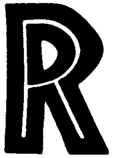
185


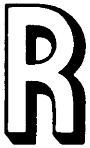
186


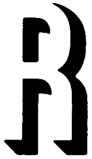
187


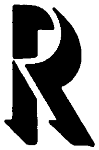
188


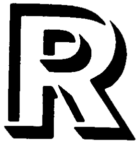
189


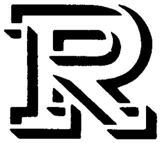
190


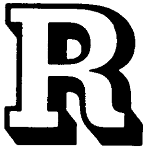
191


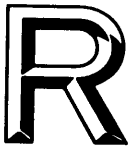
192


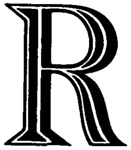
193


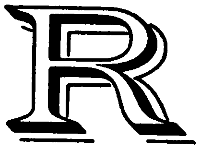
194


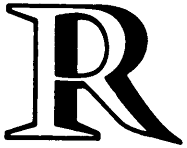
195


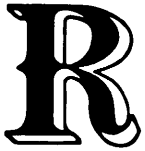
196


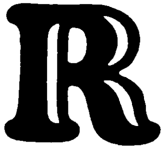
197


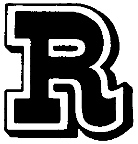
198


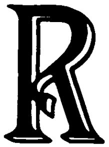
199


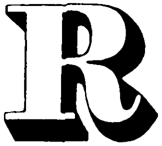
200


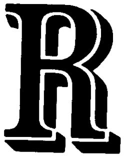
201


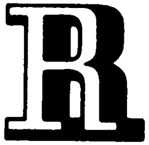
202


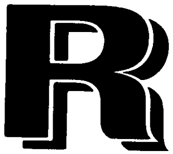
203


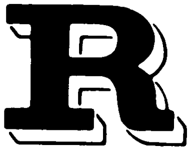
204


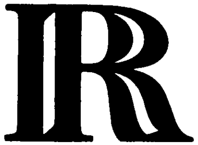
205


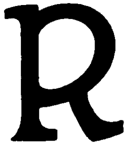
206


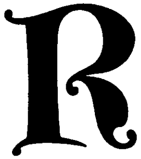
207


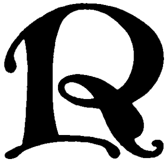
208


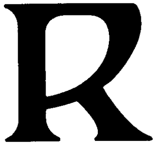
209


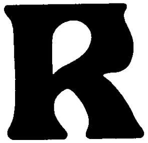
210


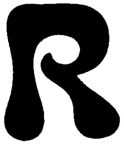
211


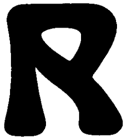
212


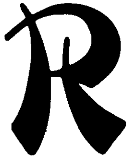
213


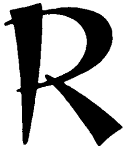
214


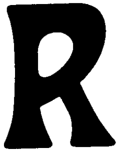
215


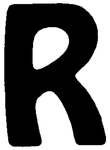
216


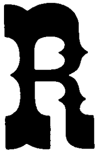
217


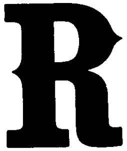
218


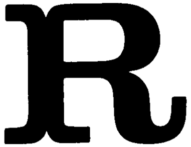
219


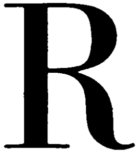
220


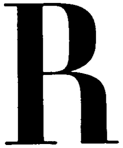
221


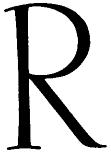
222


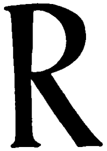
223


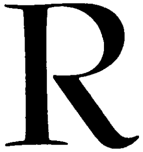
224


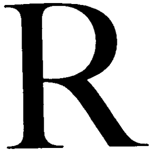
225


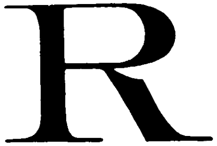
226


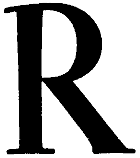
227


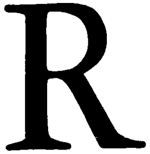
228


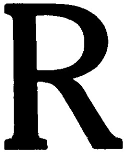
229


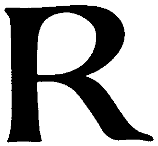
230


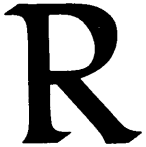
231


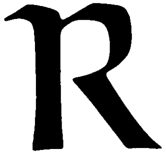
232


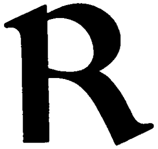
233


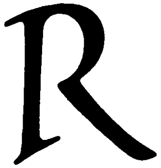
234


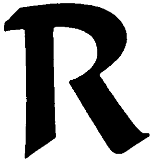
235


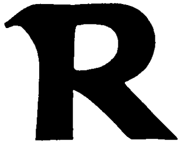
236


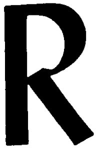
237


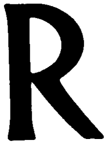
238


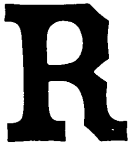
239


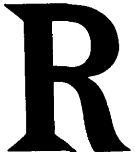
240


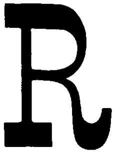
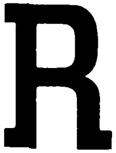
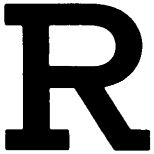
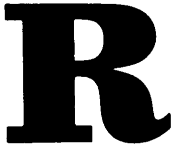
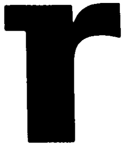
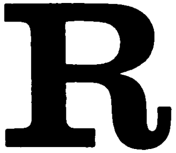
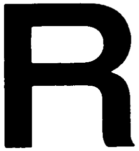
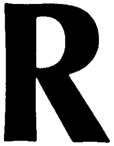
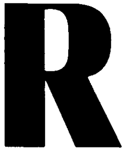
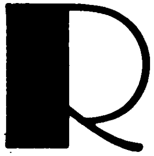
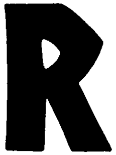
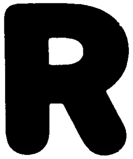
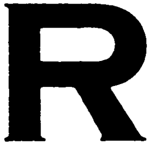
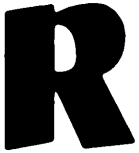
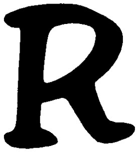
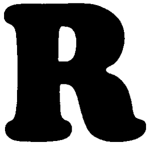
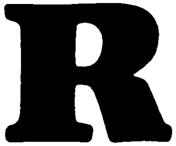
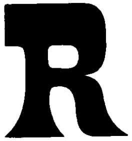
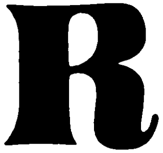
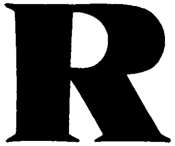
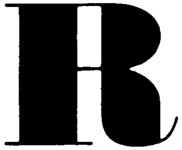
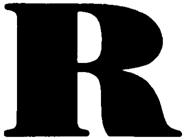
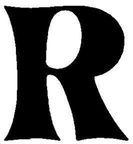
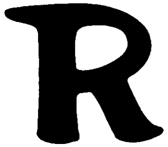
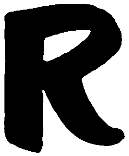
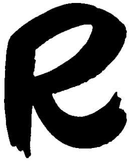
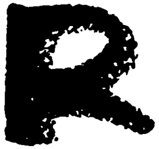
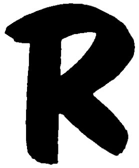
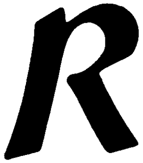
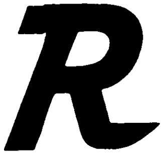
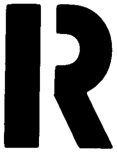
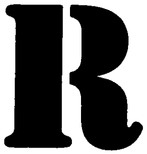
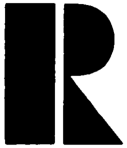
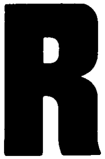
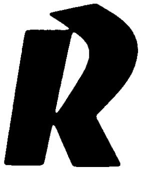
241


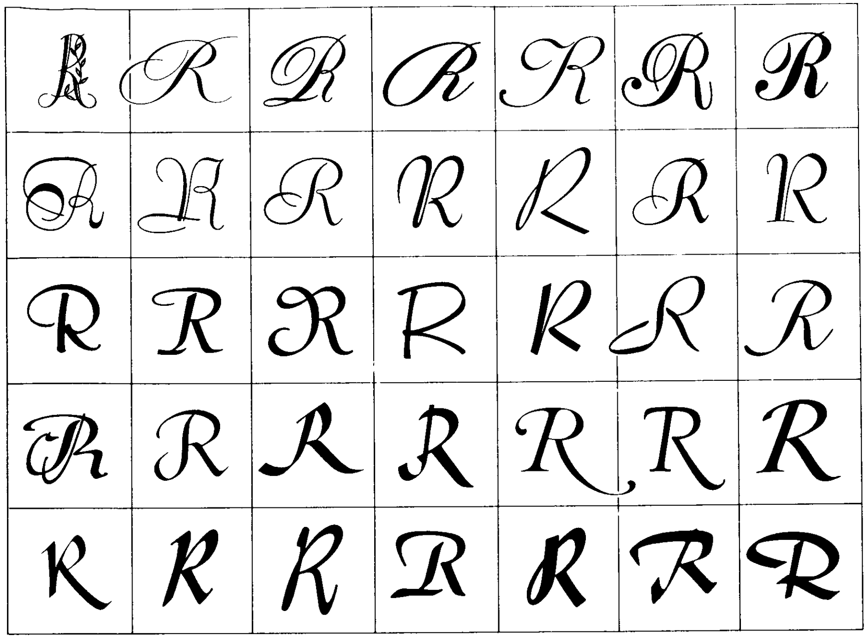
242


243


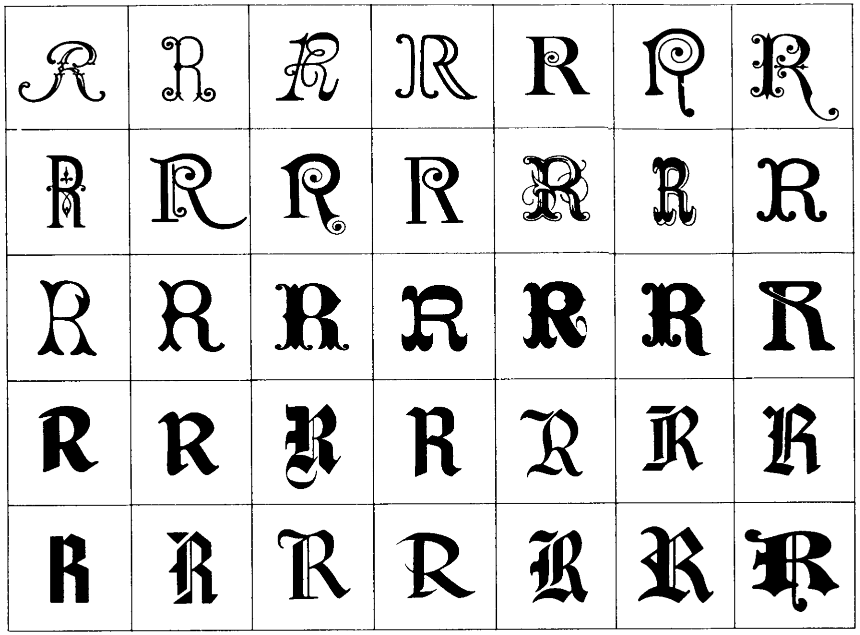
244


245


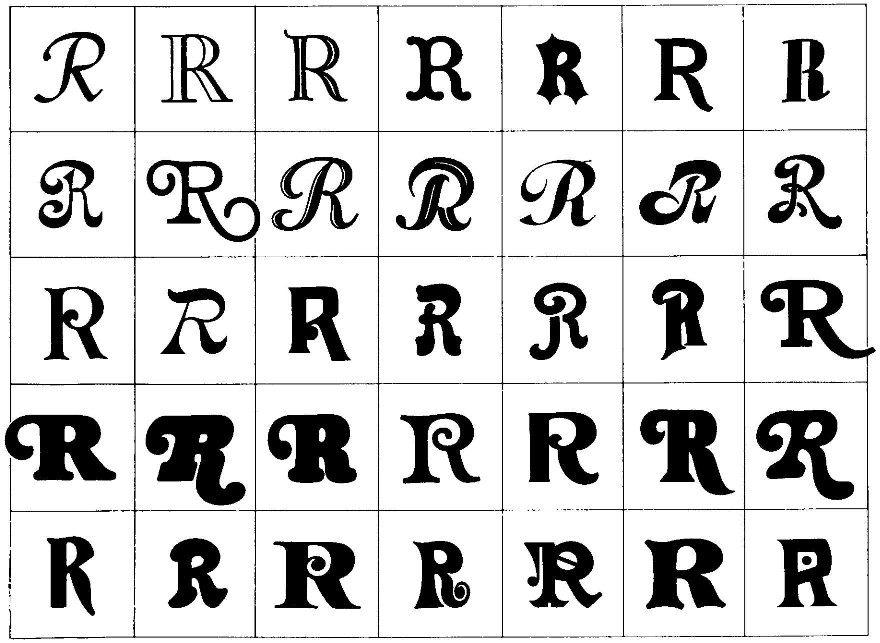
246

247

248

249

250

251

252

253

254

255

256

257

258

259

260

261

262

263

264

265

266

267

268

269

270

271

272

273

274

275

276

277

278

279

280




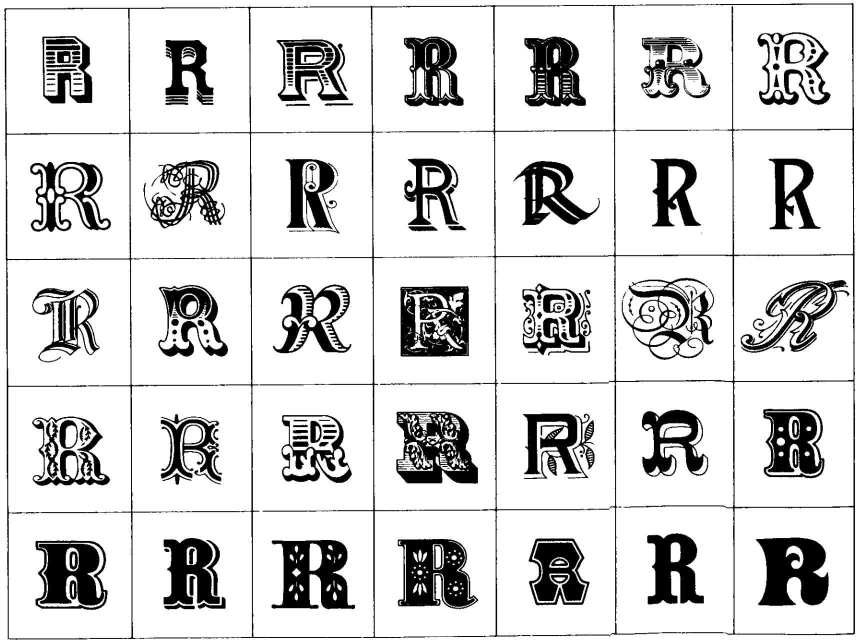
172



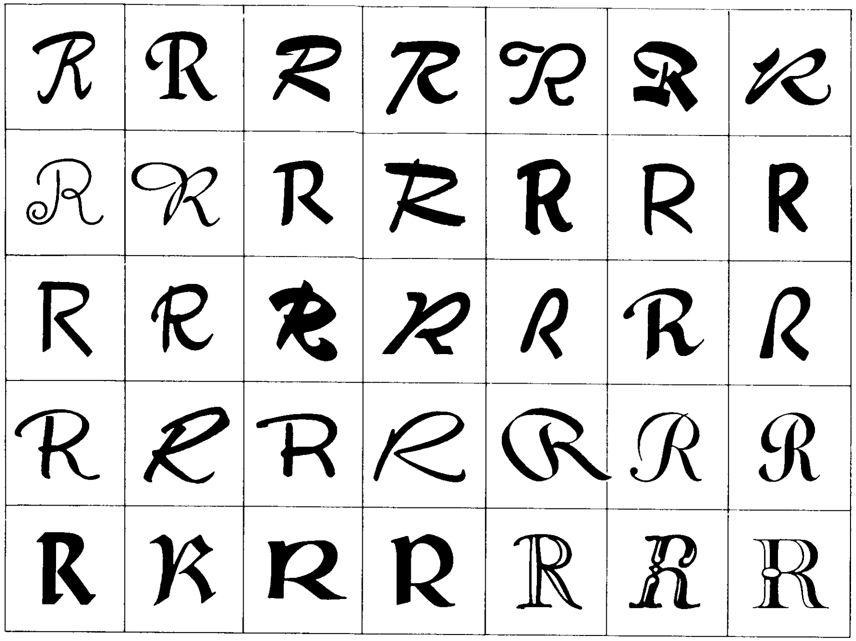
173



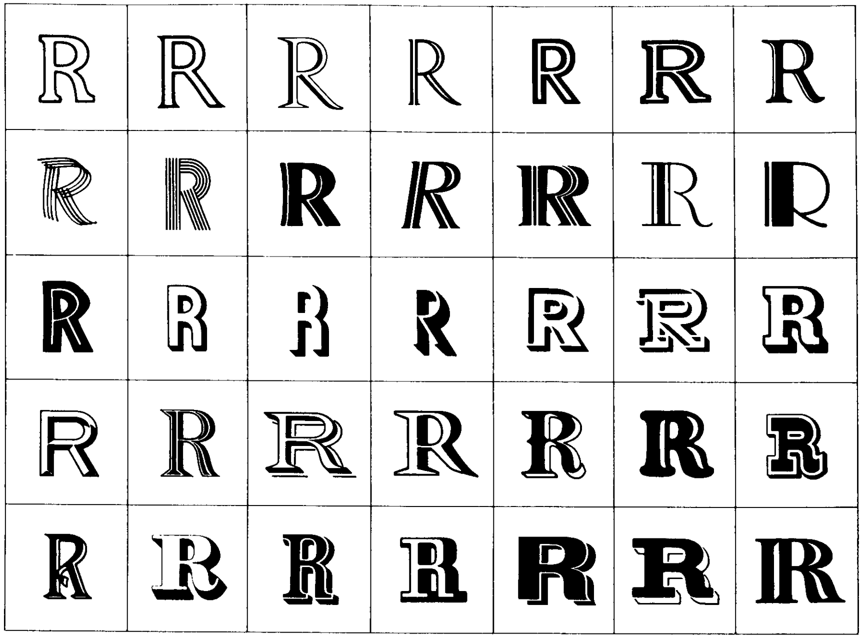
174



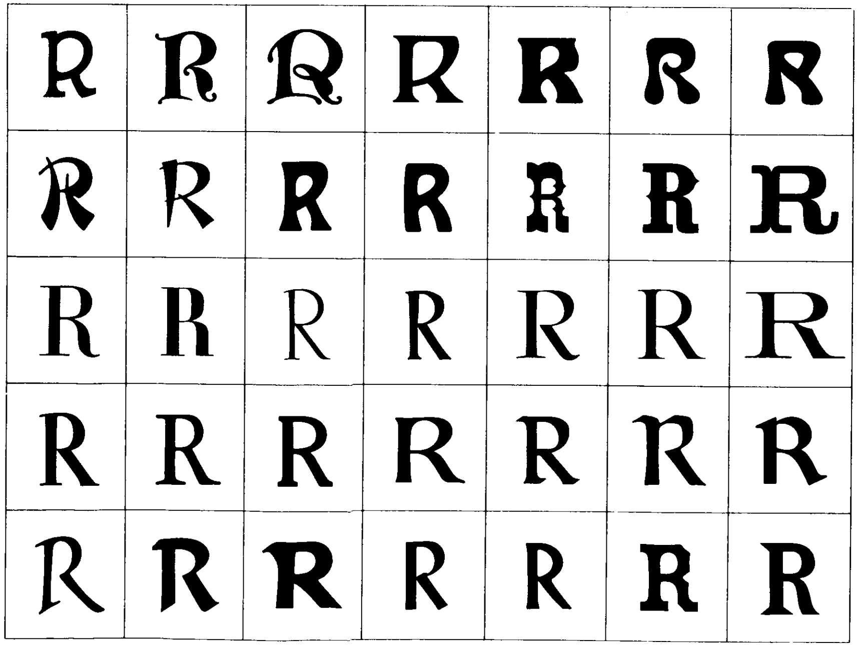
175



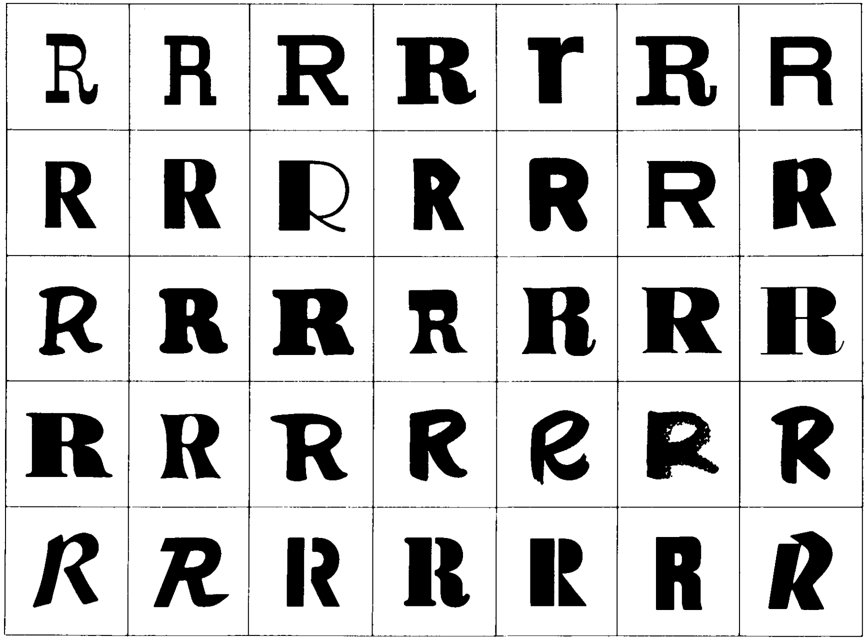
176



177

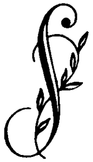


178

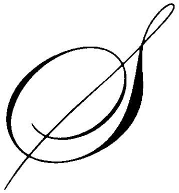


179

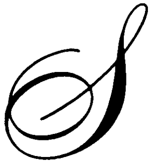
1



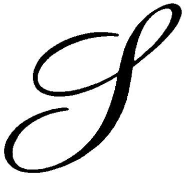
2



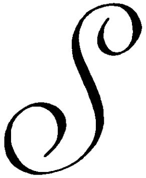
3



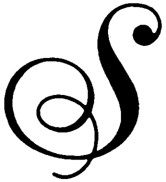
4



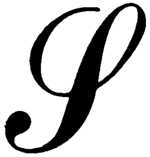
5



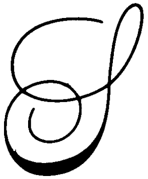
6



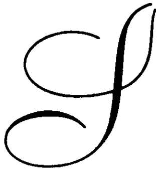
7



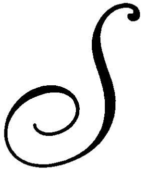
8



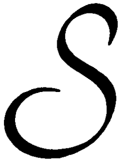
9



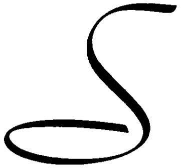
10



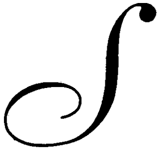
11



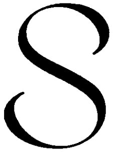
12



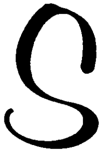
13



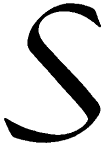
14



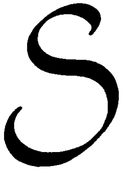
15



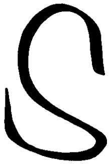
16



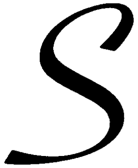
17



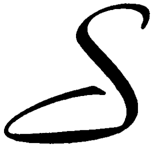
18



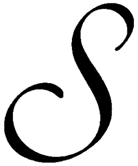
19



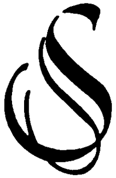
20



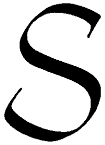
21



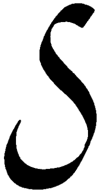
22



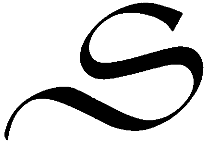
23



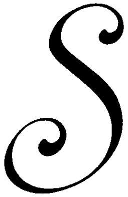
24



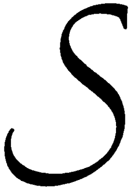
25



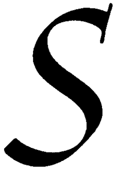
26



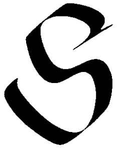
27



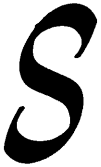
28



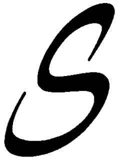
29



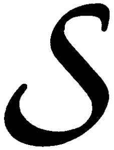
30



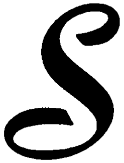
31



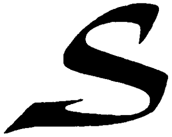
32



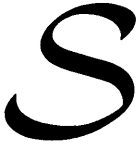
33

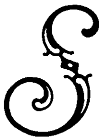
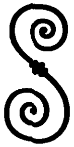
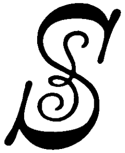
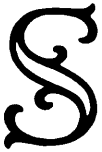
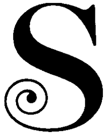
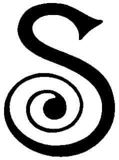
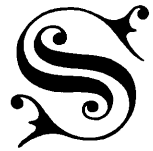
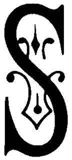
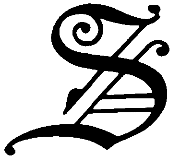
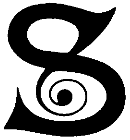
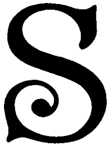
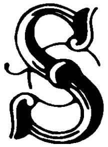
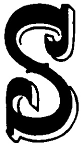
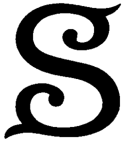
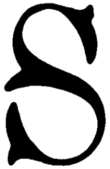
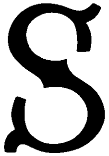
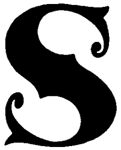
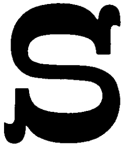
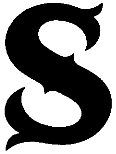
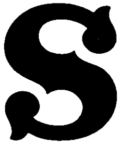
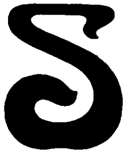
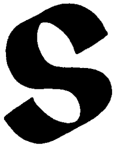
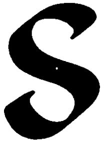
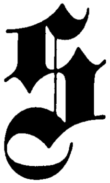
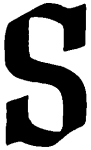
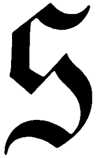
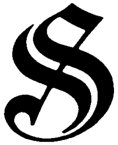
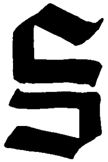
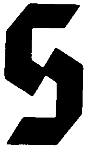
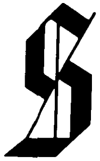
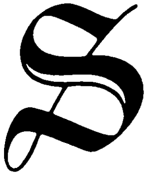
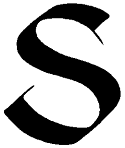
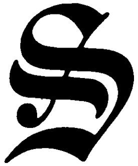
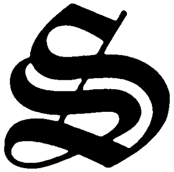
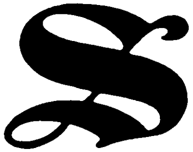


34

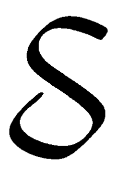


35

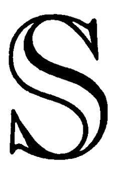


36

37

38

39

40

41

42

43

44

45

46

47

48

49

50

51

52

53

54

55

56

57

58

59

60

61

62

63

64

65

66

67

68

69

70


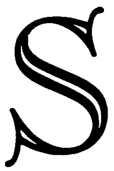
71



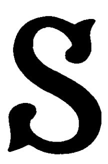
72



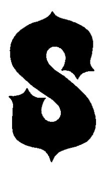
73



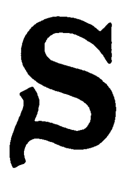
74



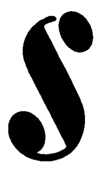
75



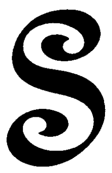
76



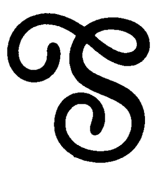
77



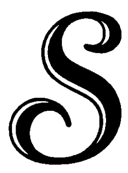
78



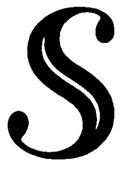
79



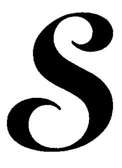
80



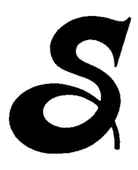
81



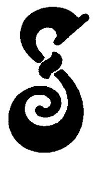
82



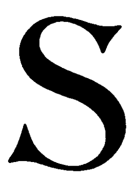
83



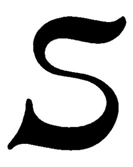
84



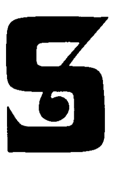
85



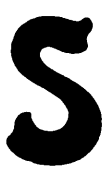
86



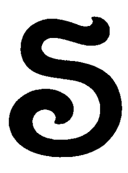
87



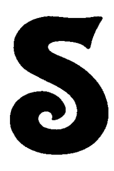
88



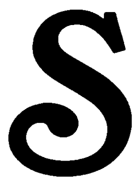
89



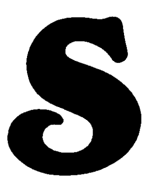
90



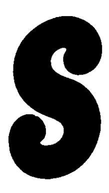
91



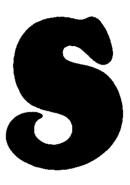
92



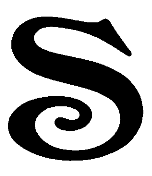
93



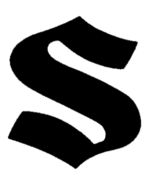
94



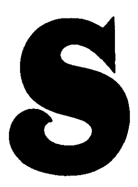
95



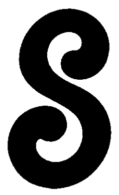
96



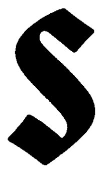
97



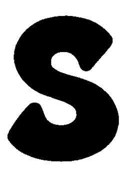
98



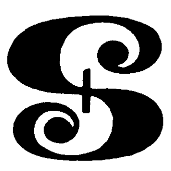
99



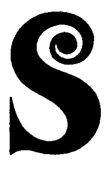
100



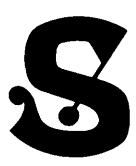
101



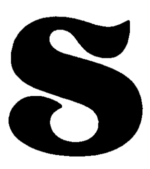
102



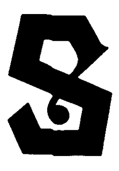
103



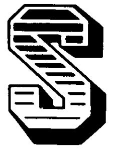
104



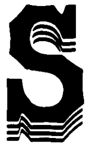
105



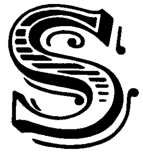
106



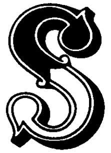
107



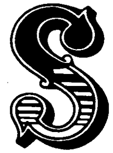
108



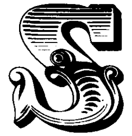
109



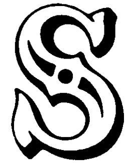
110



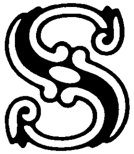
111



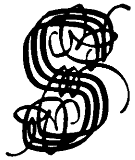
112



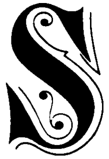
113



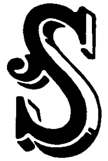
114



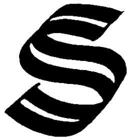
115



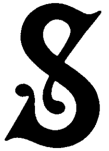
116



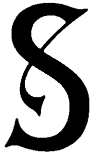
117



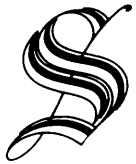
118



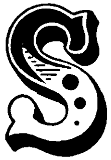
119



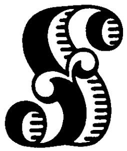
120



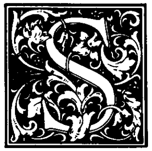
121



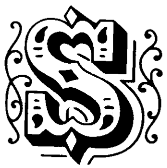
122



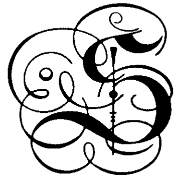
123



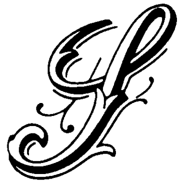
124



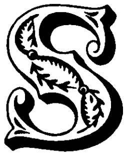
125



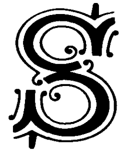
126



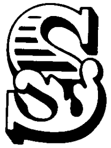
127



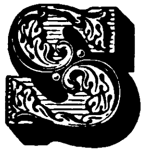
128



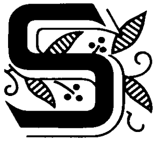
129



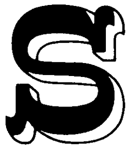
130



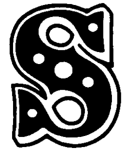
131



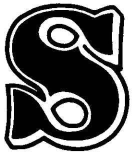
132



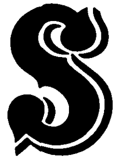
133



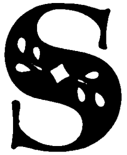
134



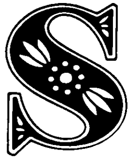
135



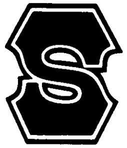
136



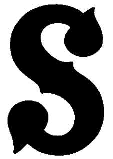
137



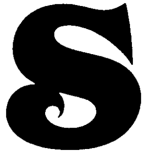
138

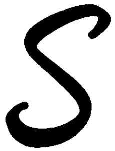


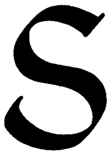
139

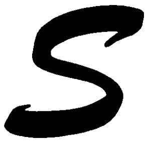


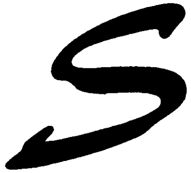
140

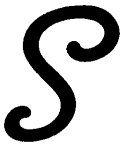


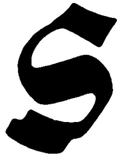
141


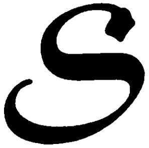
142


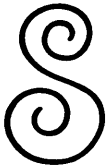
143


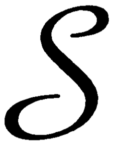
144


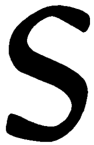
145


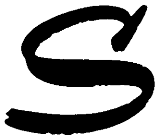
146


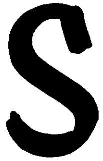
147


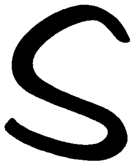
148


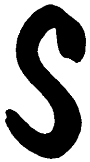
149


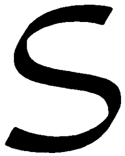
150


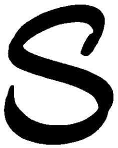
151


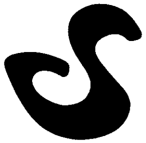
152


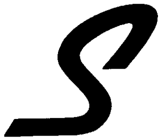
153


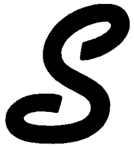
154


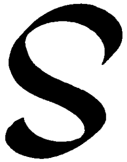
155


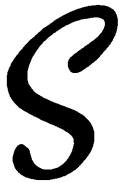
156


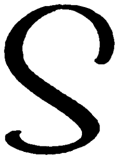
157


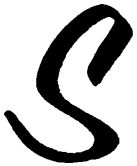
158


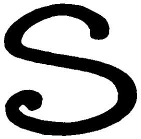
159


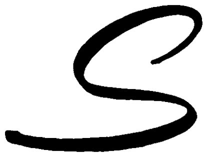
160


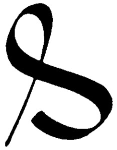
161


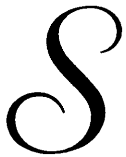
162


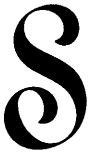
163


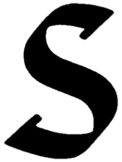
164


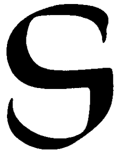
165


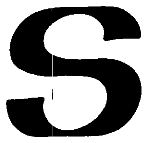
166


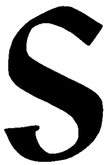
167


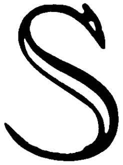
168


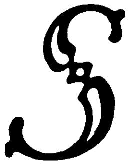
169


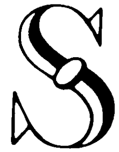
170


171


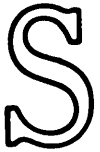
172


173


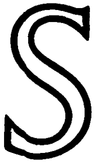
174


175


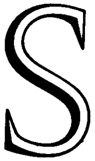
176



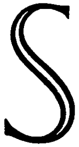
177



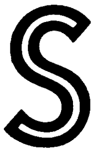
178



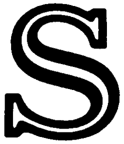
179



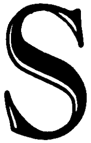
180



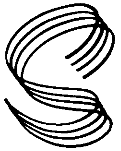
181



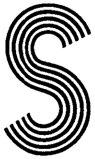
182



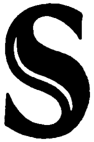
183



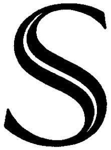
184



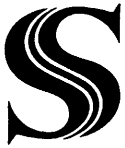
185



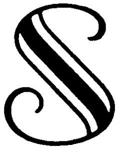
186



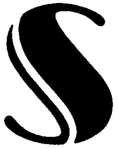
187



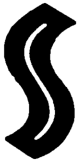
188



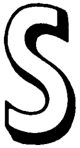
189



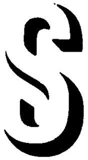
190



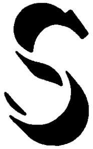
191



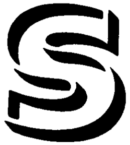
192



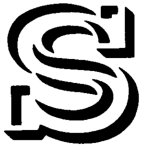
193



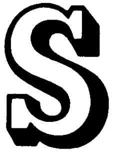
194



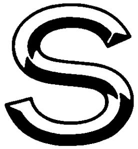
195



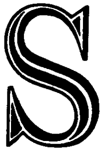
196



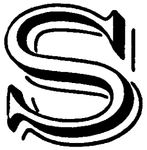
197



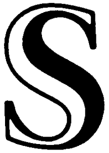
198



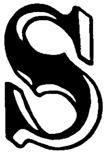
199



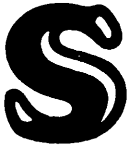
200



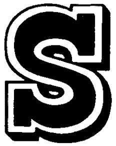
201



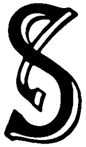
202



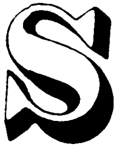
203



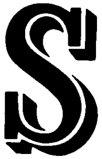
204



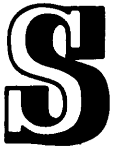
205



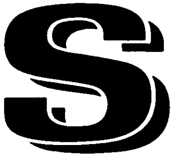
206



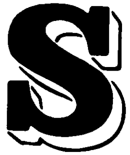
207



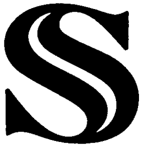
208

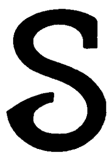


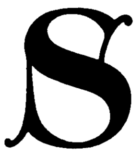
209

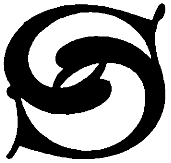


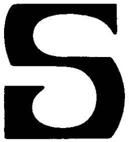
210

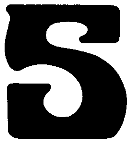


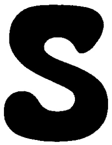
211


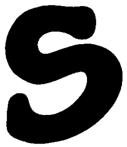
212


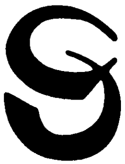
213


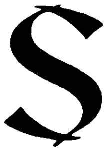
214


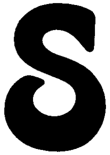
215


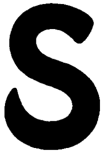
216


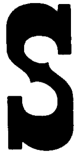
217


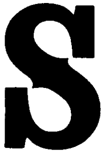
218


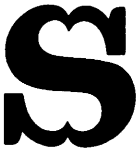
219


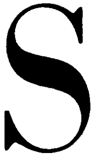
220


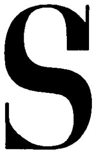
221


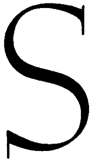
222


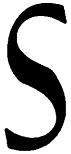
223


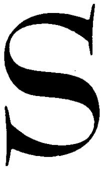
224


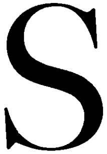
225


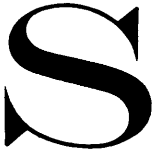
226


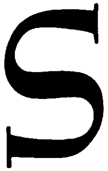
227


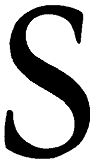
228


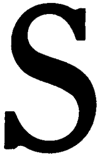
229


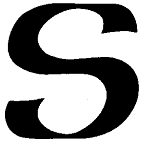
230


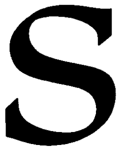
231


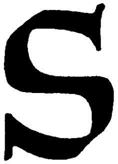
232


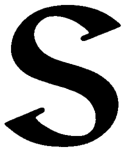
233


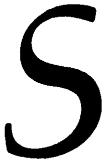
234


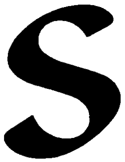
235


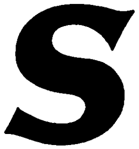
236


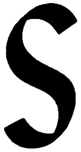
237


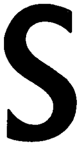
238


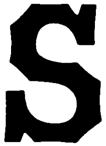
239


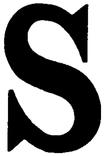
240


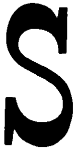
241


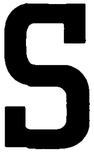
242


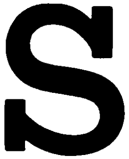
243


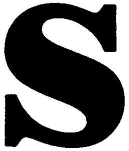
244


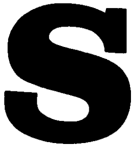
245


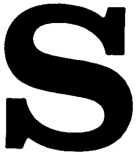
246


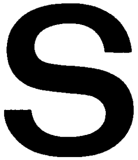
247


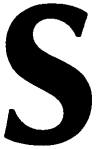
248


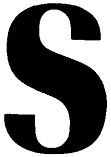
249


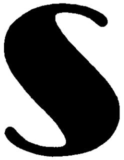
250


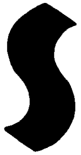
251


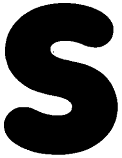
252


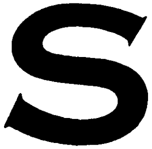
253


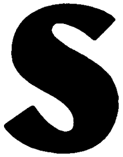
254


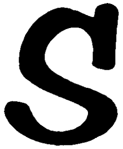
255


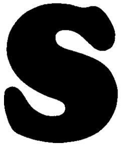
256


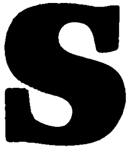
257


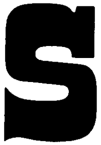
258


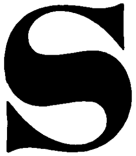
259


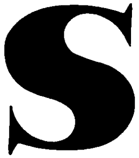
260


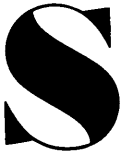
261


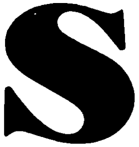
262


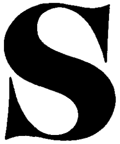
263


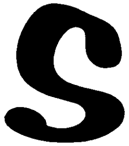
264


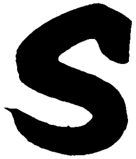
265


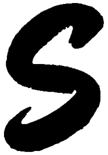
266


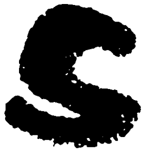
267


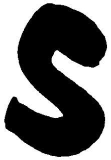
268


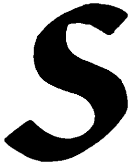
269


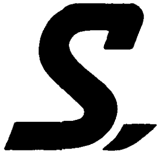
270


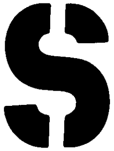
271


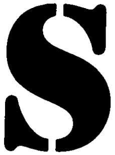
272


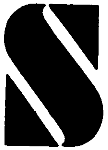
273


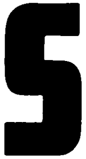
274


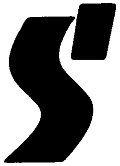
275


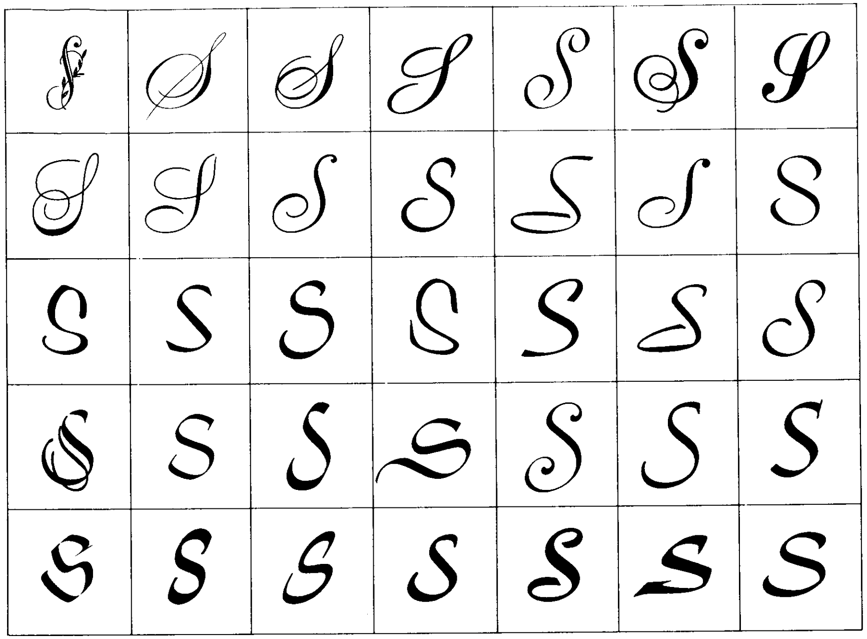
276


277


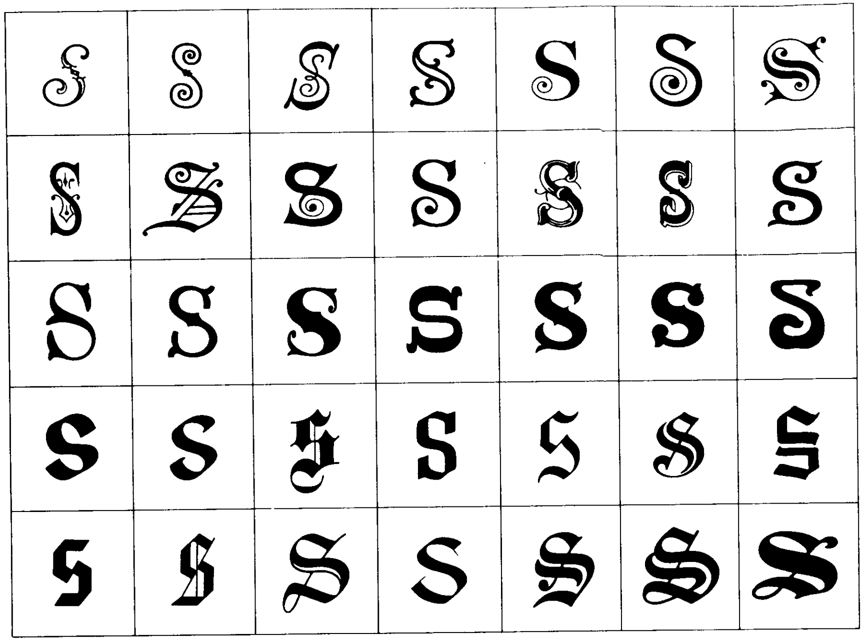
278


279


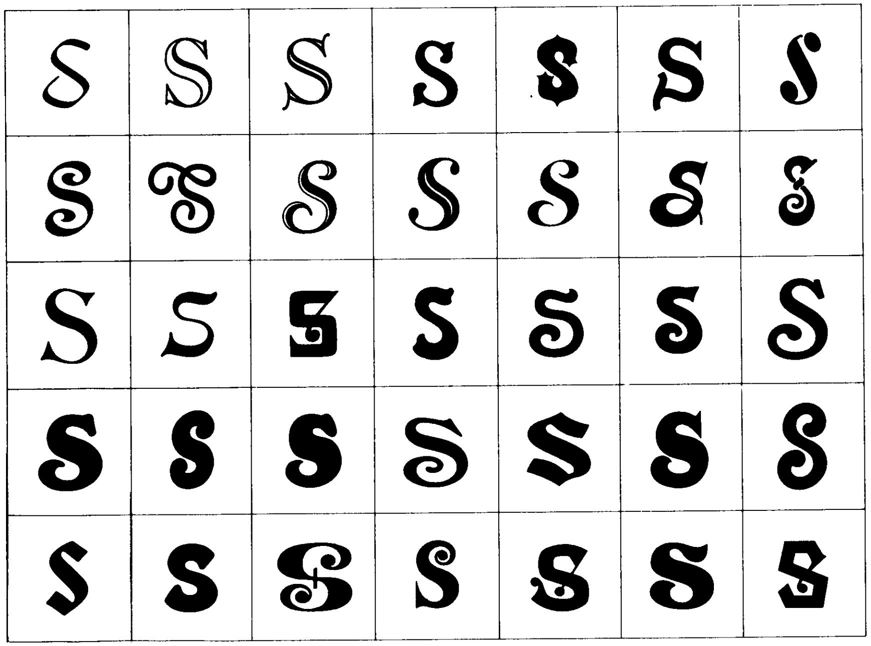
280




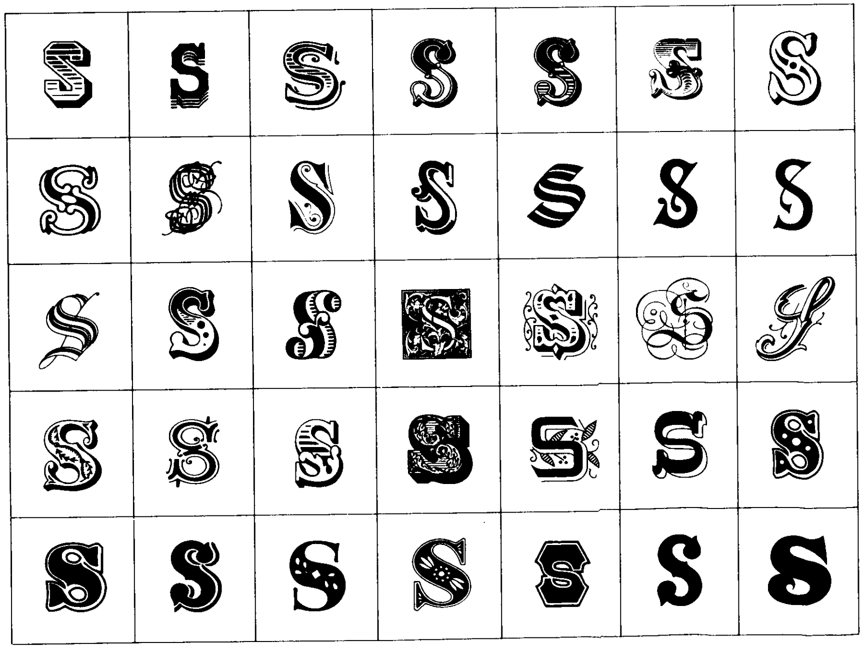
182



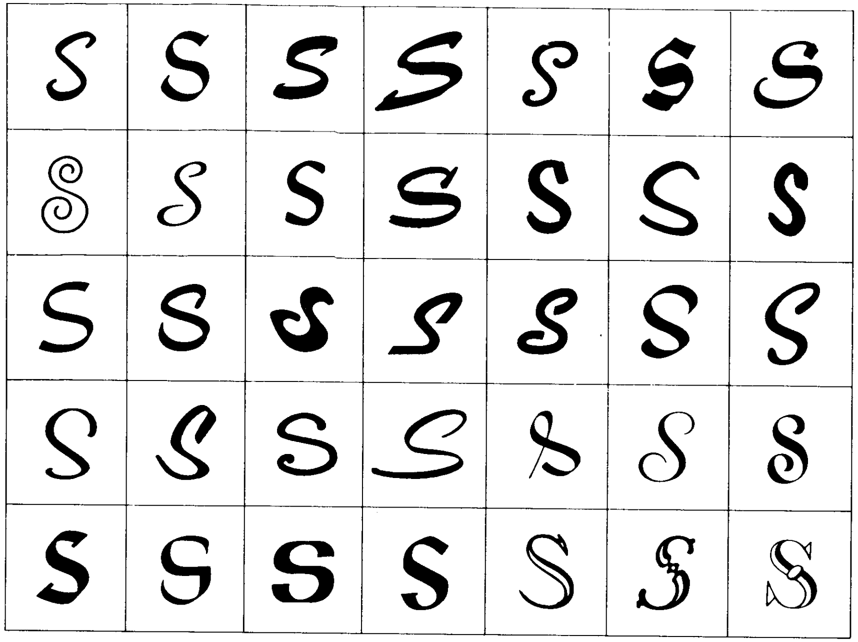
183



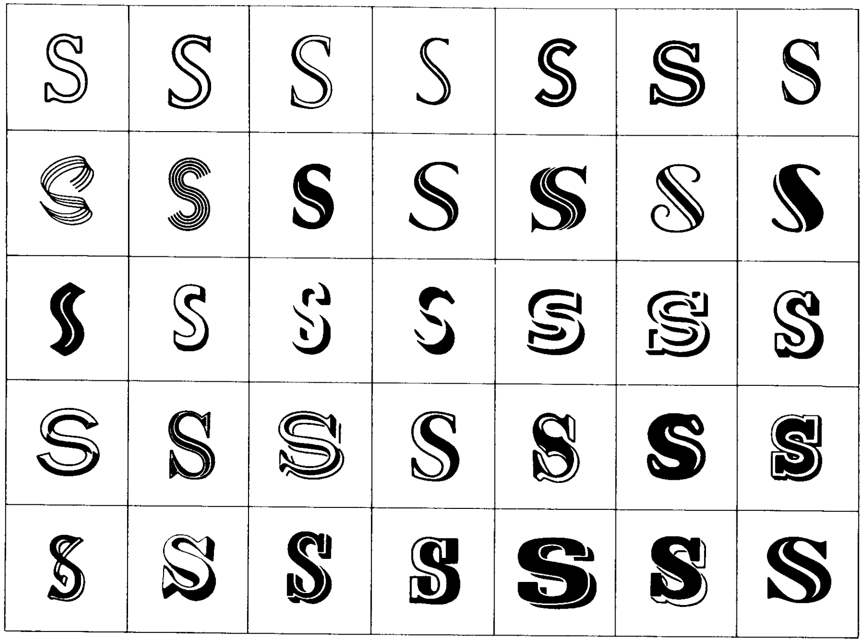
184



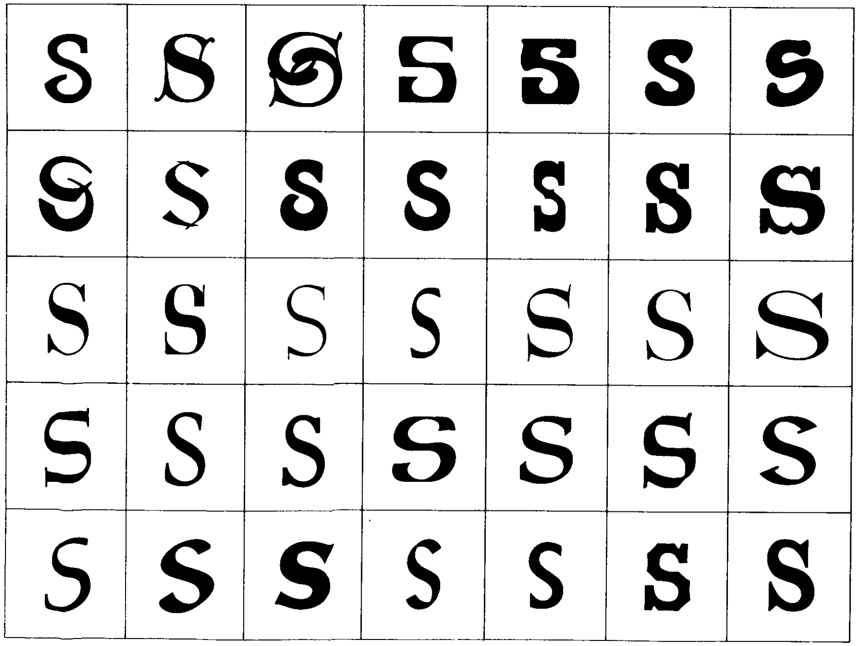
185



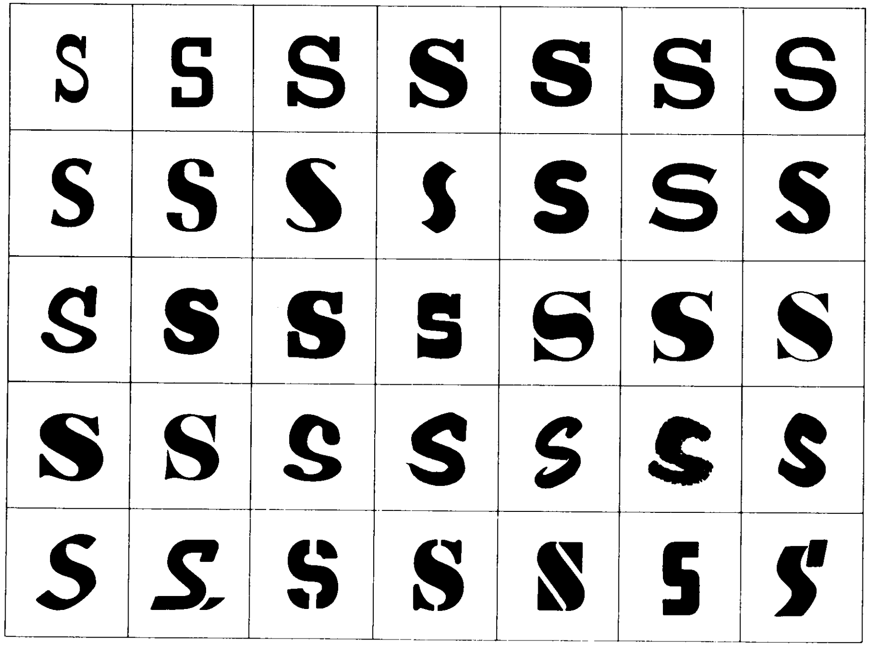
186



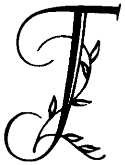
187

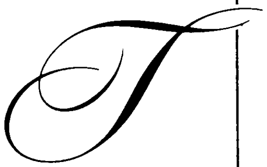


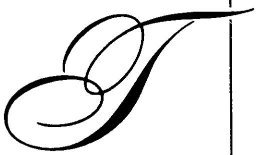
188

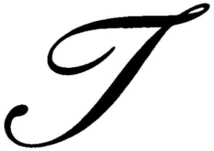


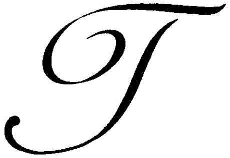
189

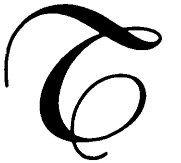
1


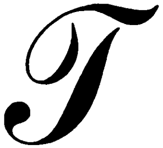
2


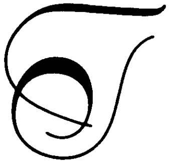
3


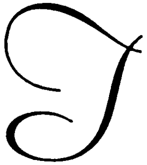
4


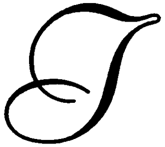
5


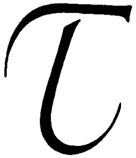
6


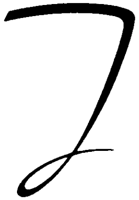
7


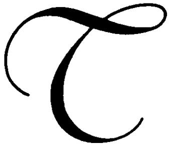
8


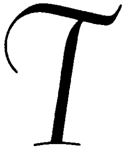
9


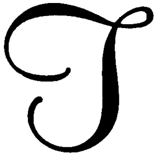
10


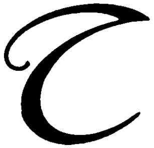
11


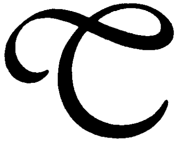
12


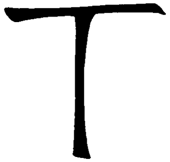
13


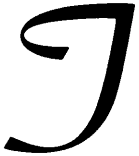
14


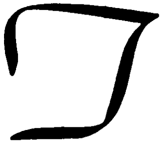
15


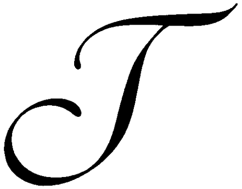
16


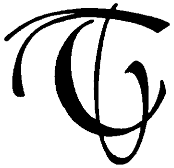
17


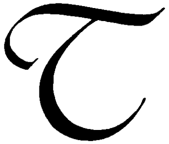
18


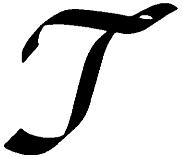
19


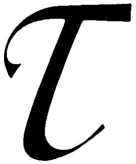
20


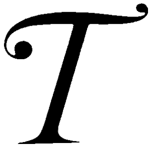
21


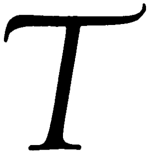
22


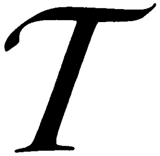
23


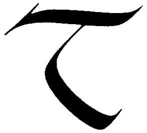
24


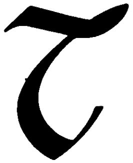
25


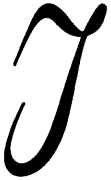
26


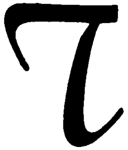
27


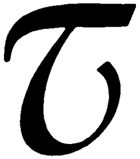
28


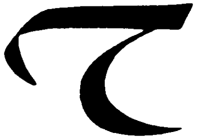
29


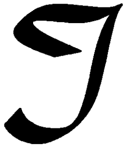
30


31


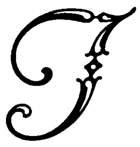
32


33


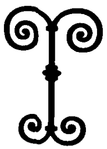
34


35


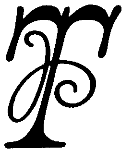
36



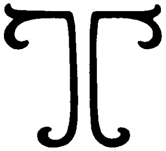
37



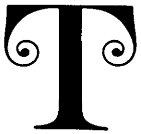
38



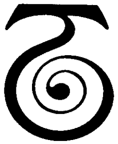
39



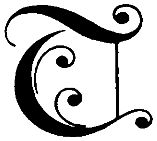
40



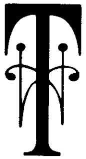
41



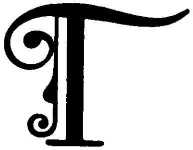
42



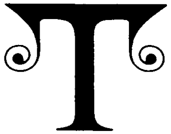
43



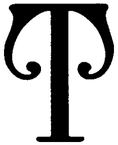
44



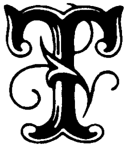
45



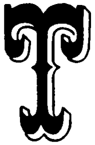
46



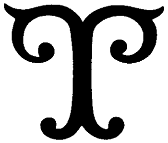
47



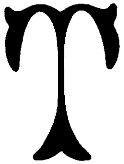
48



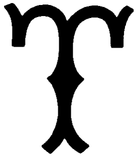
49



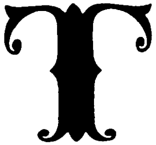
50



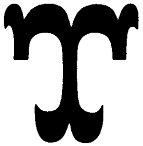
51



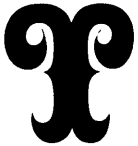
52



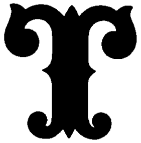
53



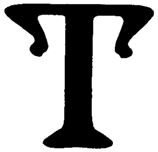
54



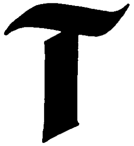
55



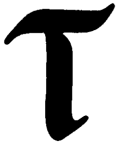
56



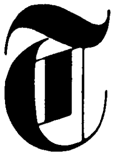
57



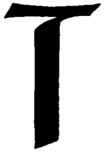
58



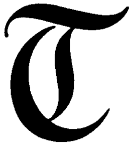
59



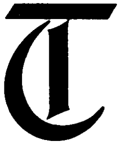
60



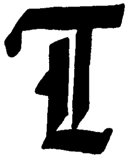
61



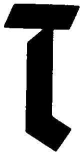
62



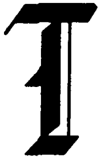
63



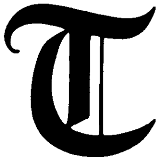
64



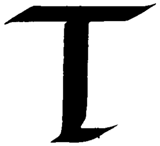
65



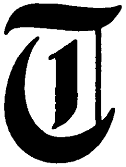
66



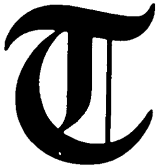
67



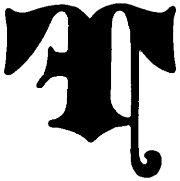
68

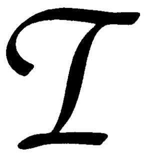


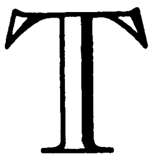
69

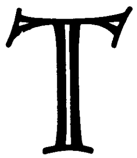


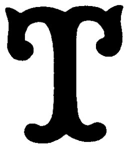
70

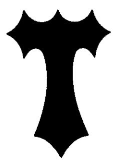


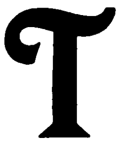

71

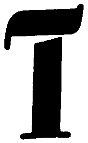

72

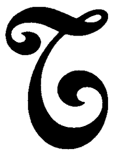

73

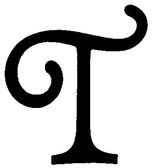

74

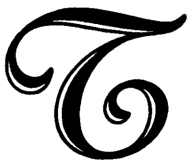

75

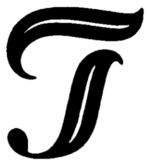

76

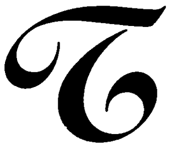

77

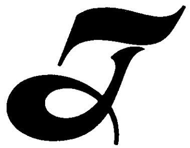

78

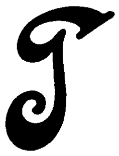

79

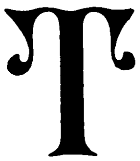

80

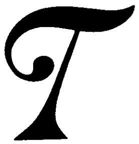

81

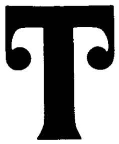

82

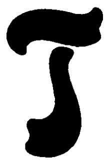

83

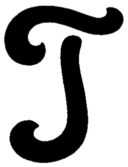

84

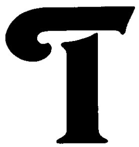

85

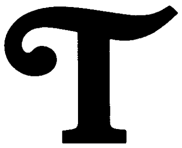

86

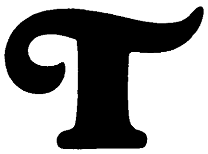

87

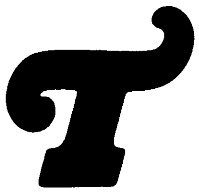

88

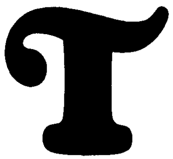

89

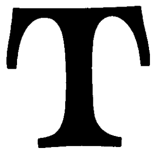

90

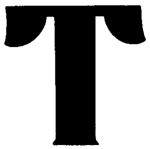

91

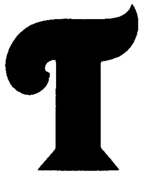

92

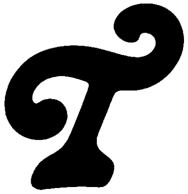

93

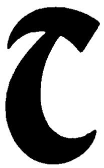

94

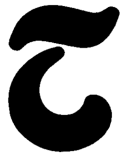

95

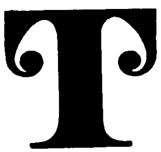

96

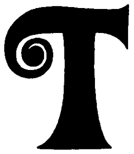

97

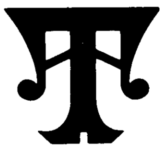

98

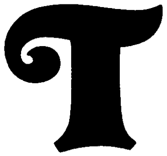

99

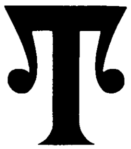

100

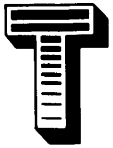
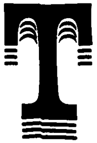
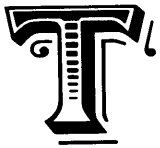
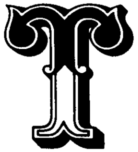
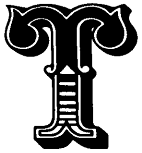
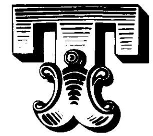
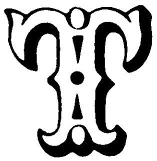
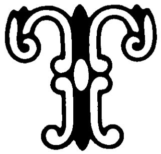
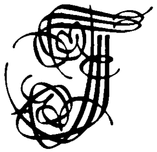
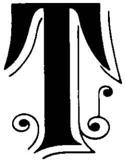
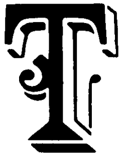
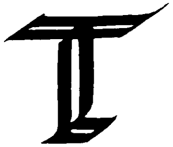
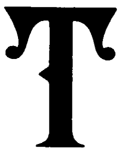
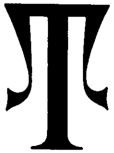
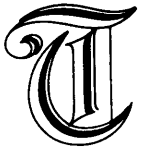
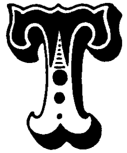
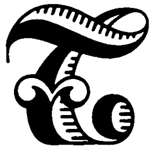
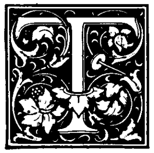
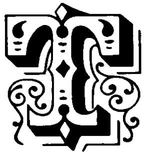
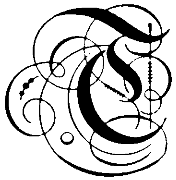
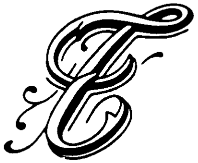
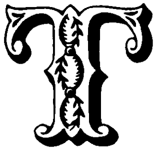
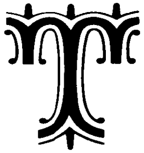
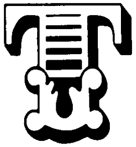
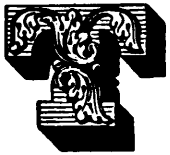
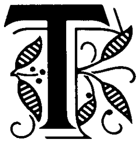
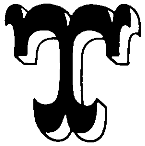
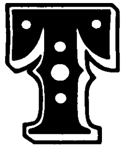
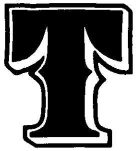
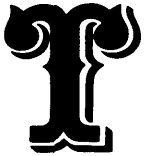
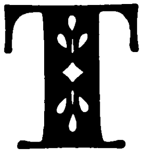
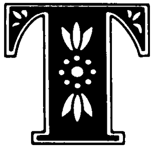
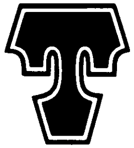
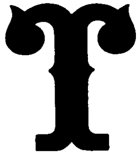
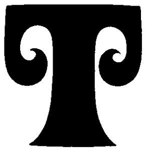

101

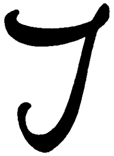

102

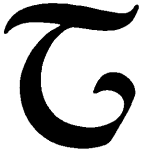

103

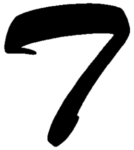

104

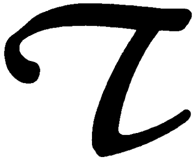

105

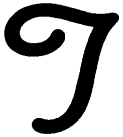
106

107

108

109

110

111

112

113

114

115

116

117

118

119

120

121

122

123

124

125

126

127

128

129

130

131

132

133

134

135

136

137

138

139

140


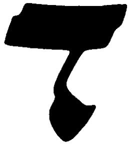
141


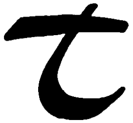
142


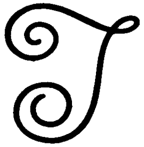
143


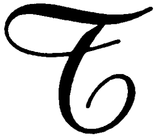
144


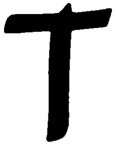
145


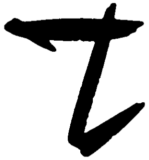
146


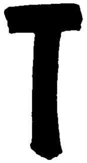
147


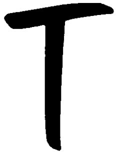
148


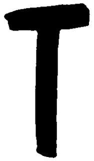
149


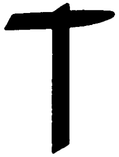
150


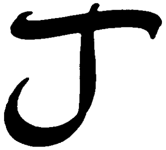
151


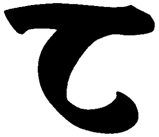
152


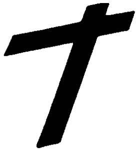
153


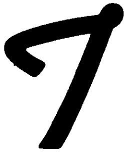
154


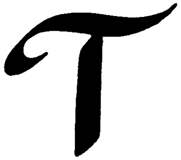
155


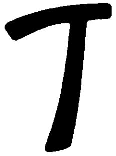
156


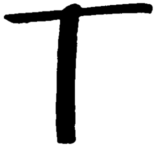
157


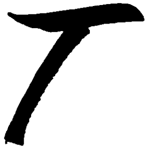
158


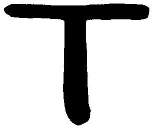
159


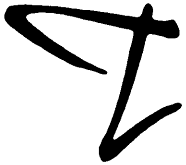
160


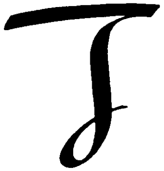
161


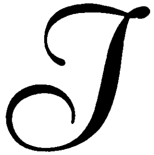
162


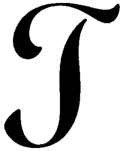
163


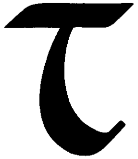
164


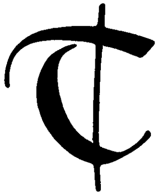
165


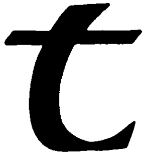
166


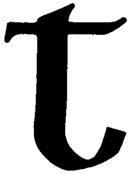
167


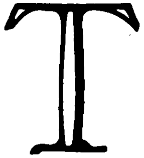
168


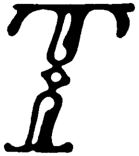
169


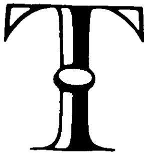
170


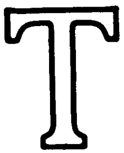
171


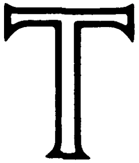
172


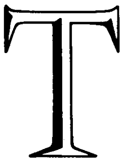
173


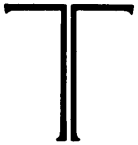
174


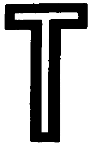
175


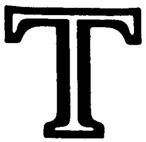
176


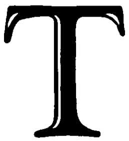
177


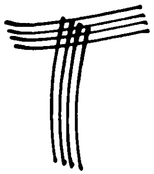
178


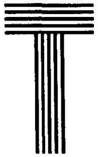
179


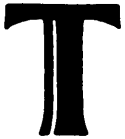
180


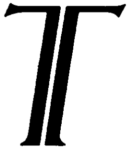
181


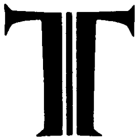
182


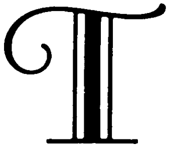
183


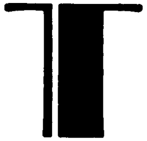
184


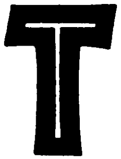
185


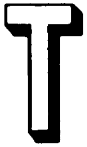
186


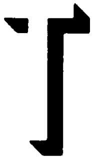
187


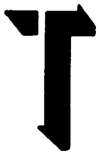
188


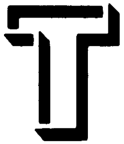
189


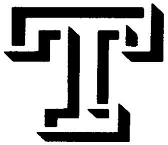
190


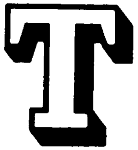
191


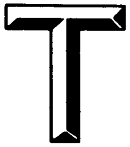
192


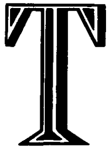
193


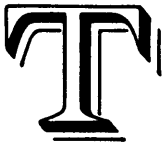
194


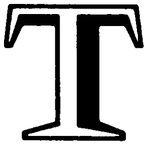
195


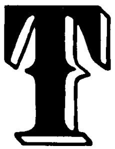
196


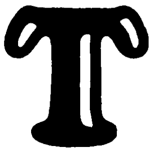
197


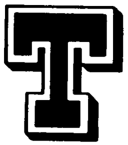
198


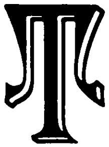
199


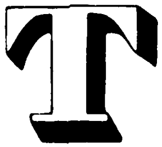
200


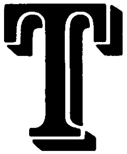
201


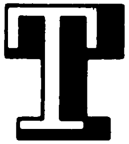
202


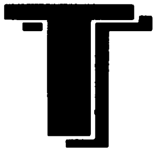
203


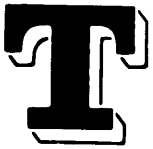
204


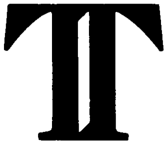
205


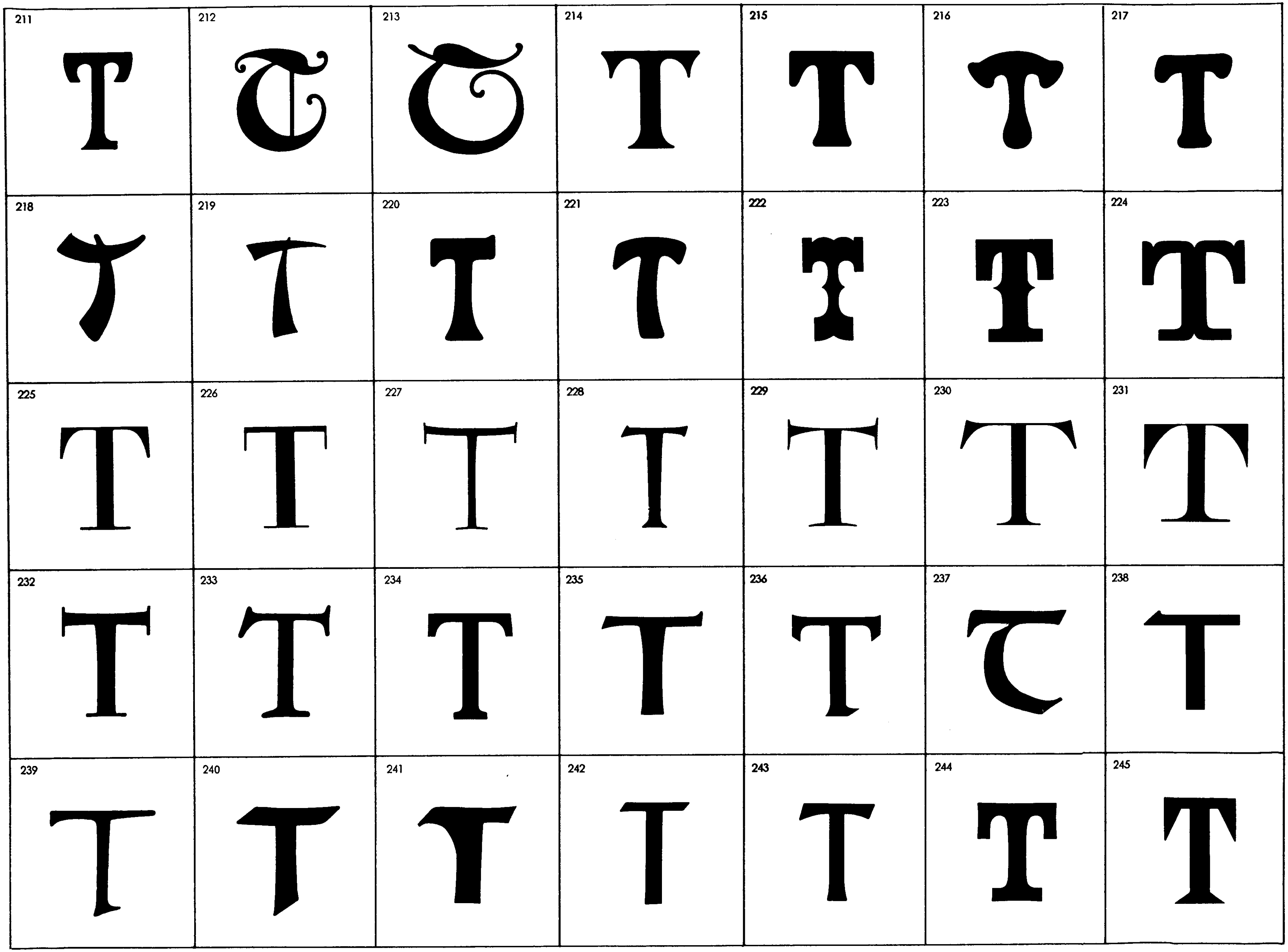
206


207


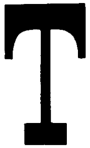
208


209


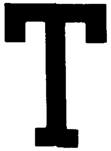
210



211
212
213
214
215
216
217
218
219
220
221
222
223
224
225
226
227
228
229
230
231
232
233
234
235
236
237
238
239
240
241
242
243
244
245

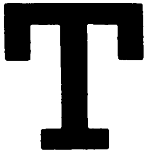
246



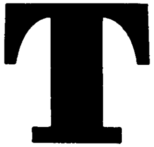
247



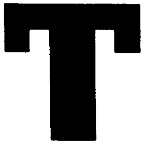
248



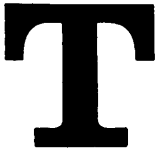
249



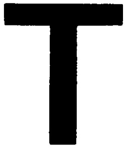
250



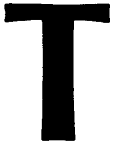
251



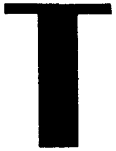
252



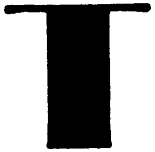
253



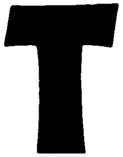
254



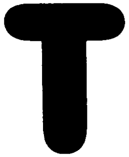
255



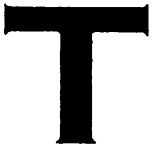
256



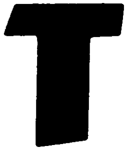
257



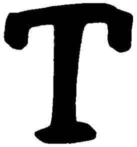
258



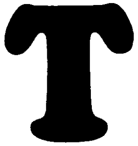
259



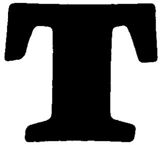
260



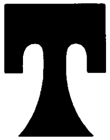
261



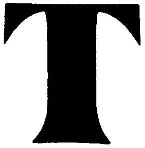
262



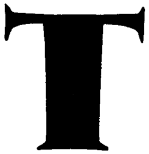
263



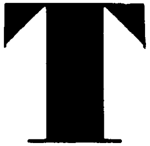
264



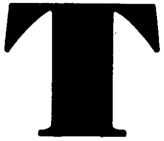
265



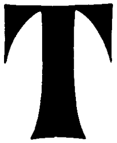
266



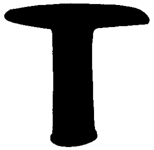
267



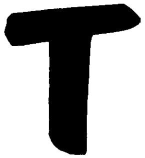
268



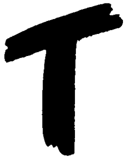
269



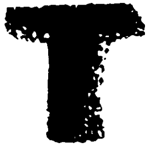
270



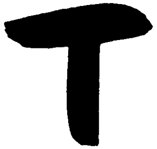
271



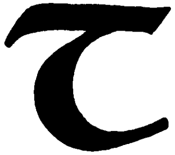
272



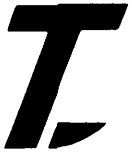
273



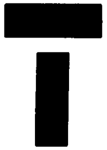
274



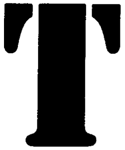
275



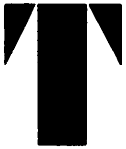
276



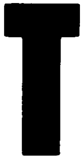
277



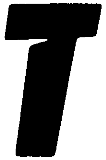
278

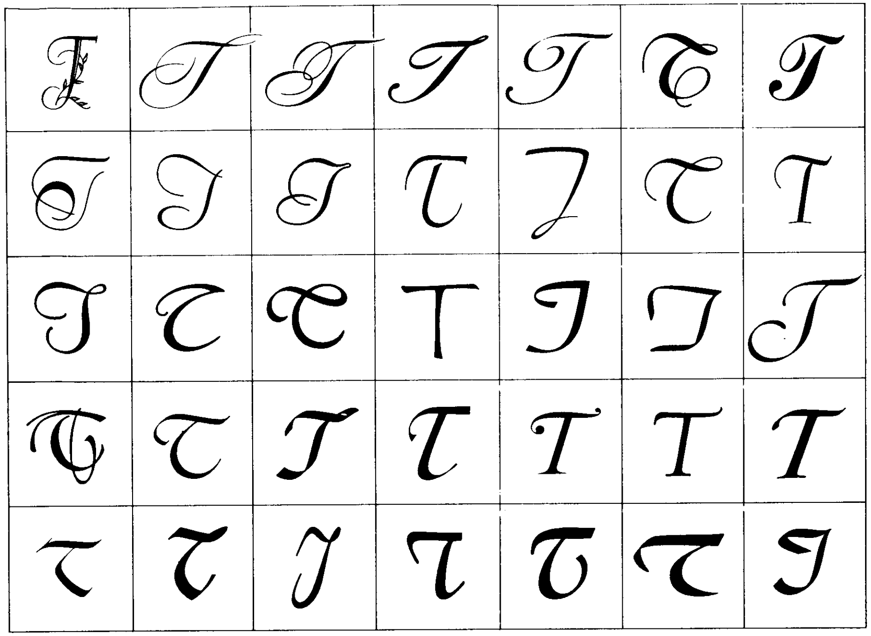


279

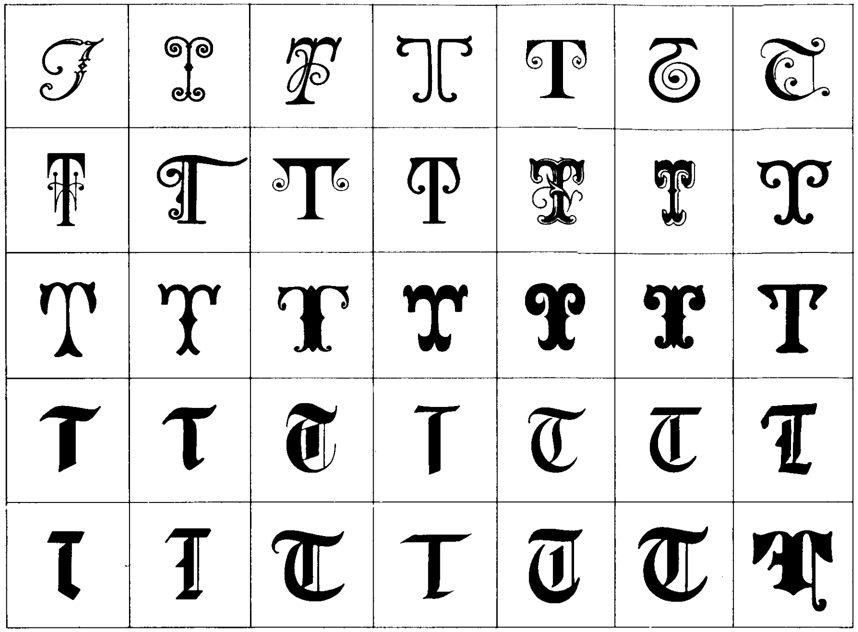


280

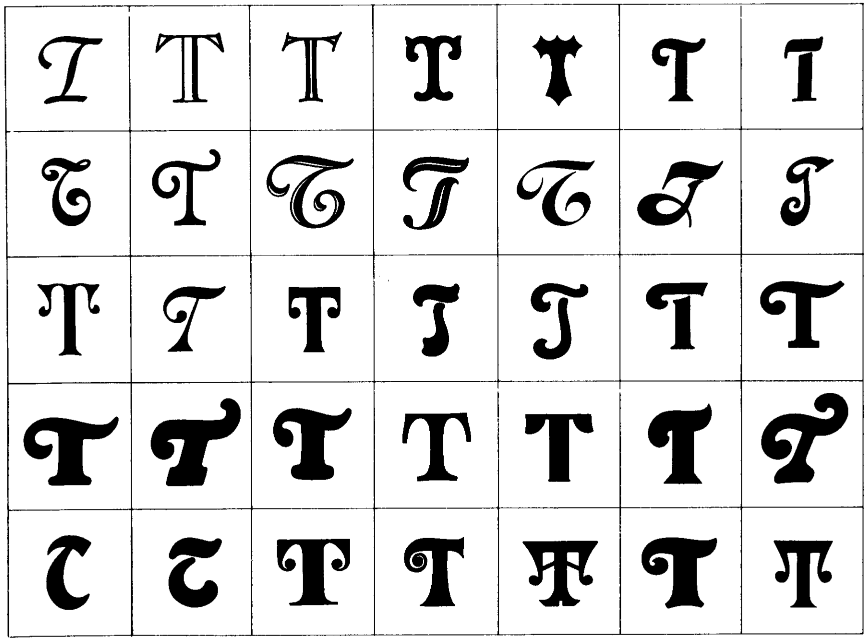




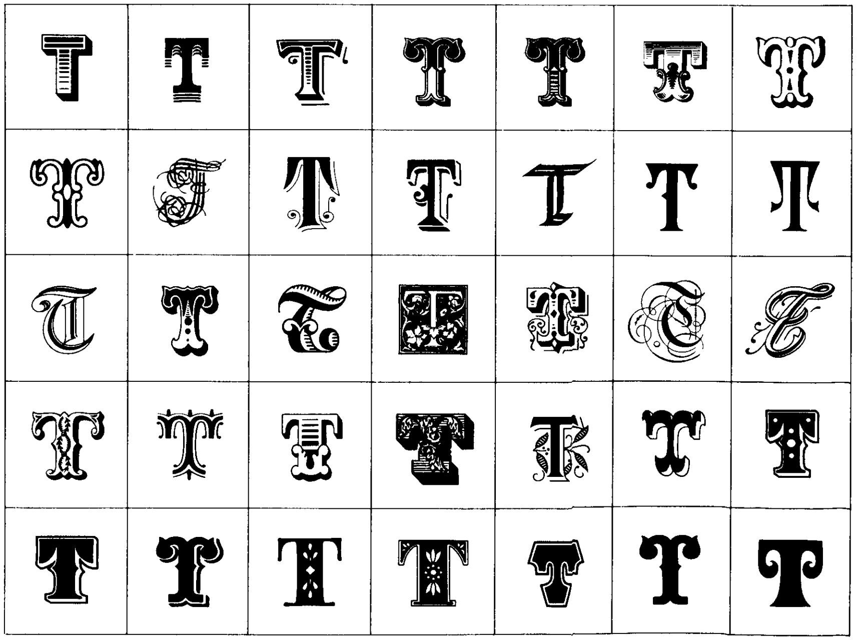
192



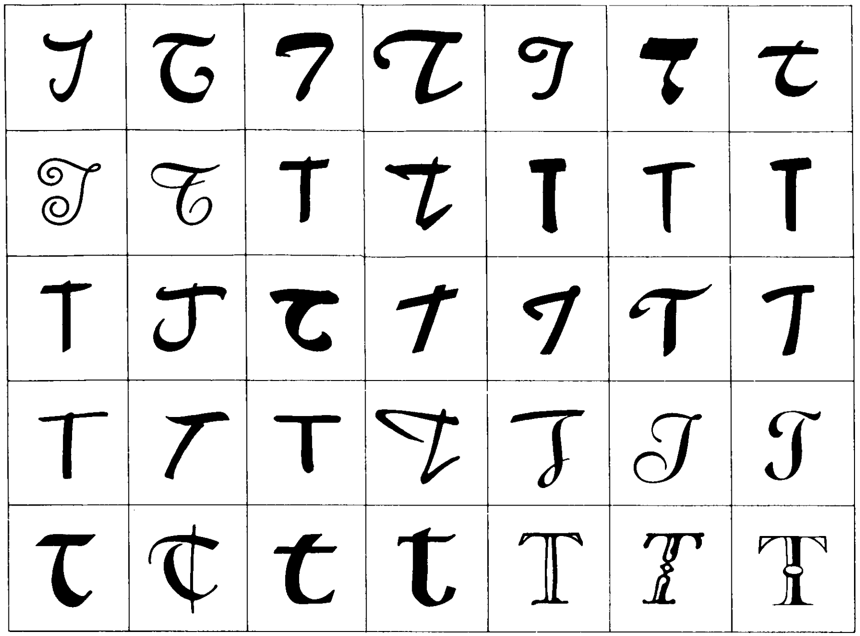
193

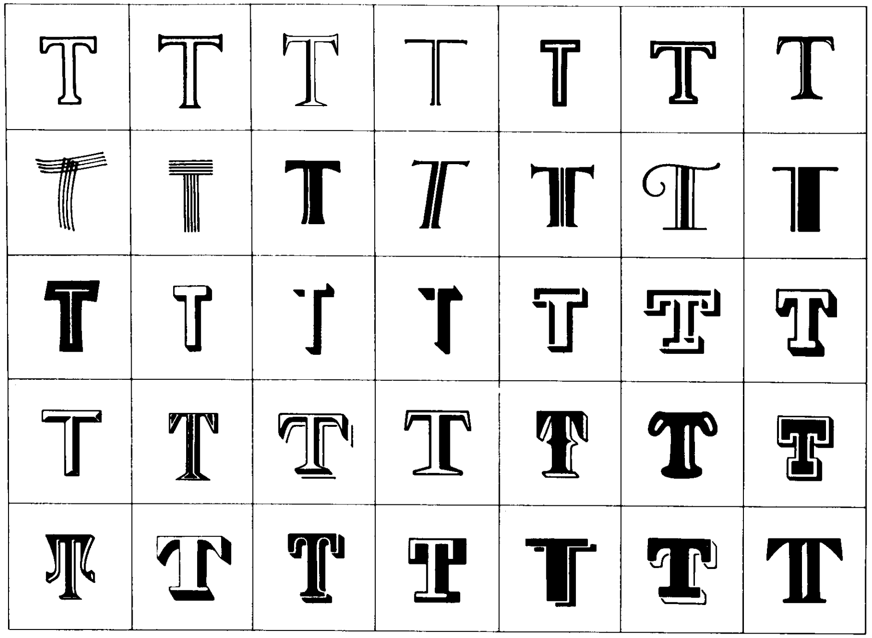


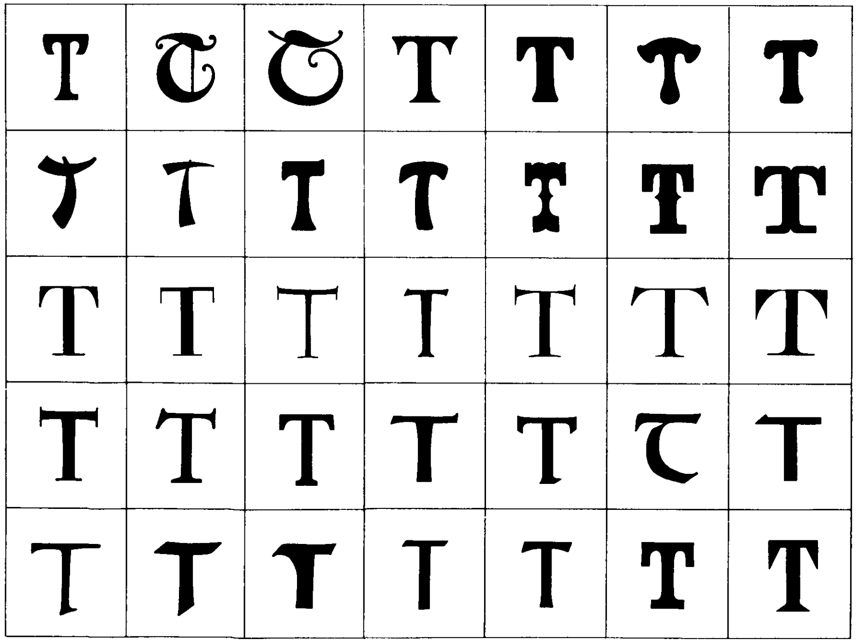
194

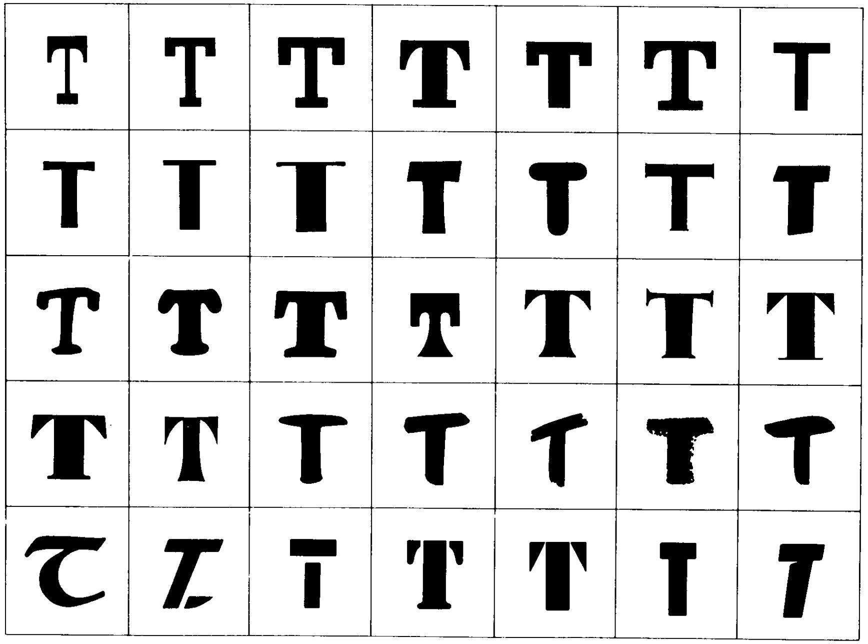


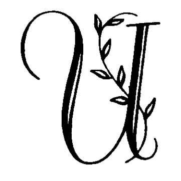
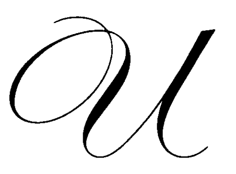
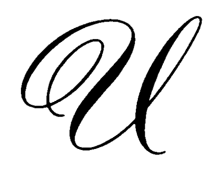
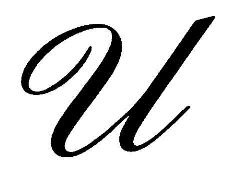
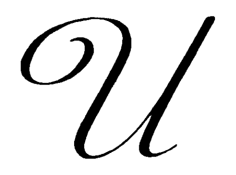
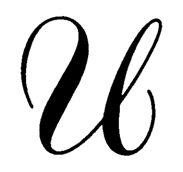
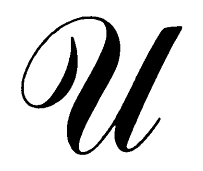
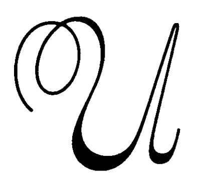
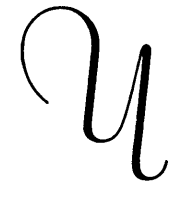
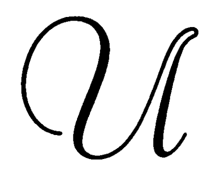
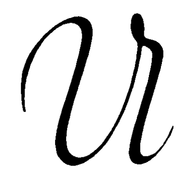
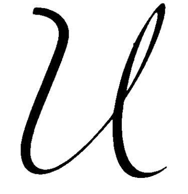
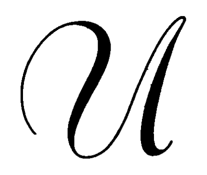
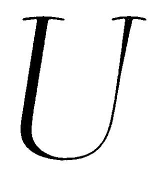
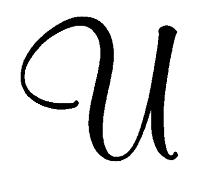
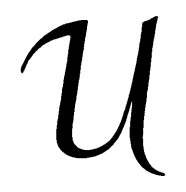
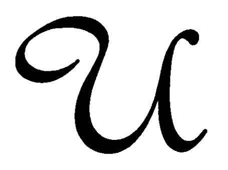
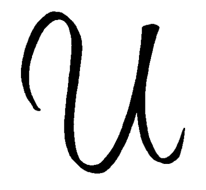
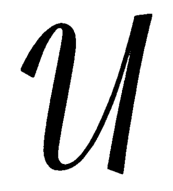
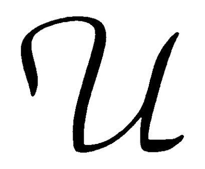
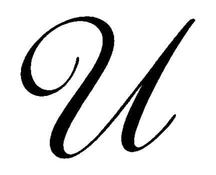
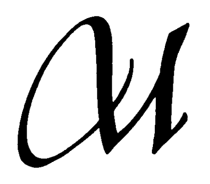
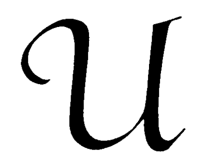
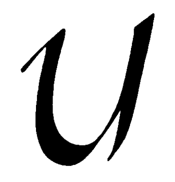
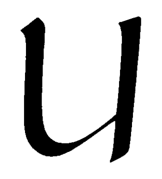
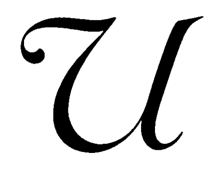
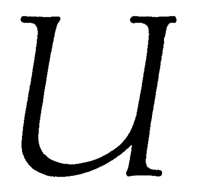
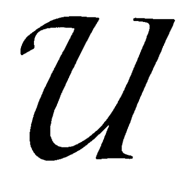
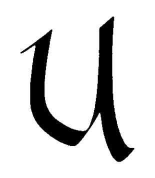
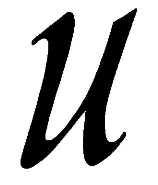
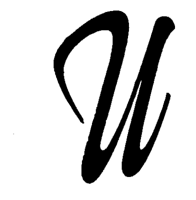
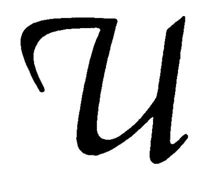
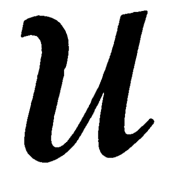
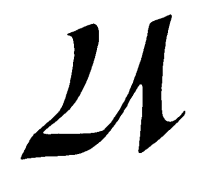
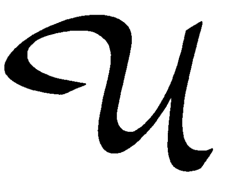
195


196

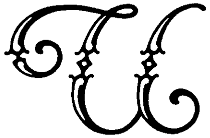

197


198

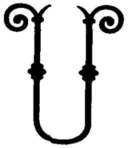

199

1

2

3

4

5

6

7

8

9

10

11

12

13

14

15

16

17

18

19

20

21

22

23

24

25

26

27

28

29

30

31

32

33

34

35


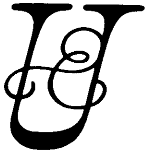
36



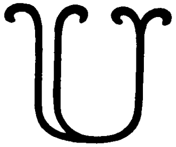
37



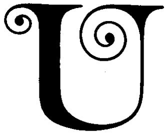
38



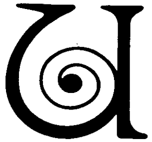
39



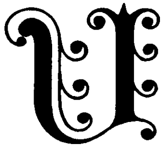
40



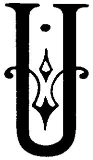
41



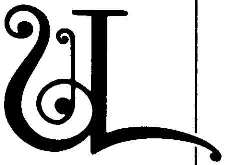
42



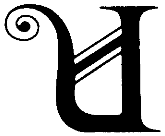
43



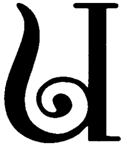
44



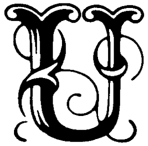
45



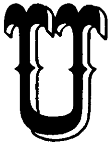
46



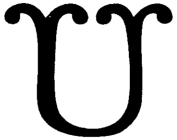
47



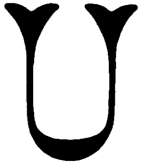
48



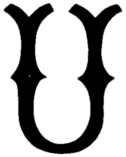
49



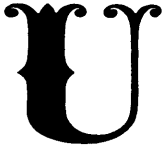
50



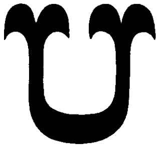
51



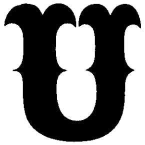
52



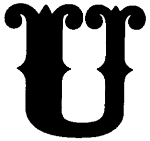
53



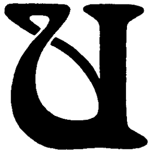
54



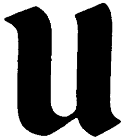
55



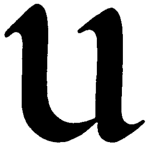
56



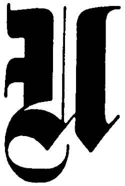
57



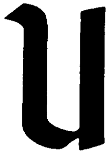
58



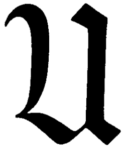
59



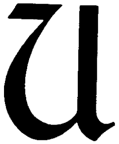
60



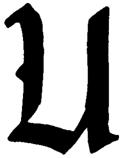
61



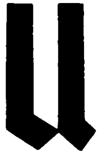
62



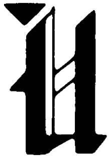
63



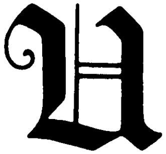
64



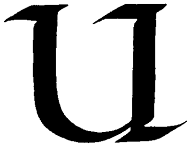
65



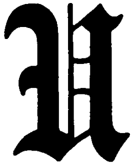
66



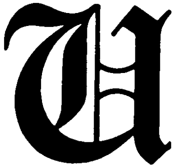
67



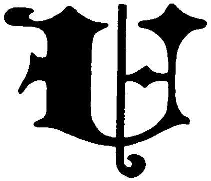
68

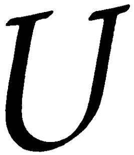
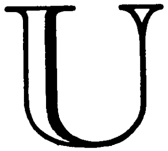
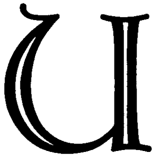
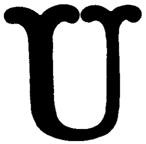
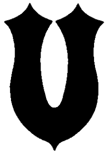
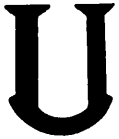
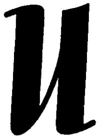
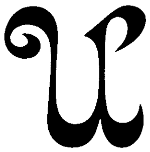
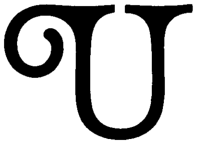
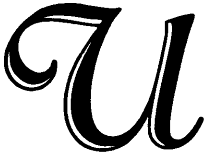
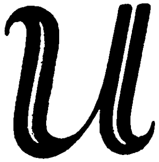
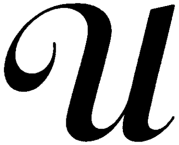
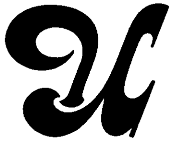
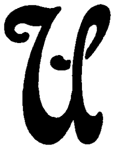
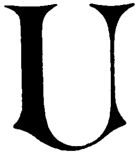
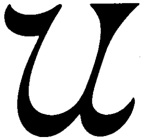
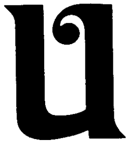
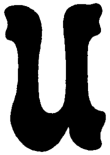
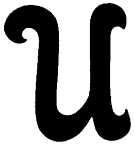
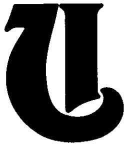
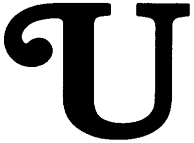
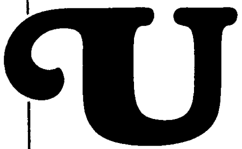
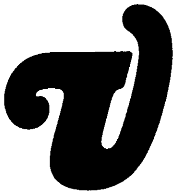
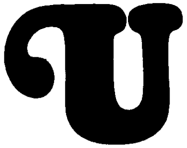
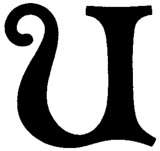
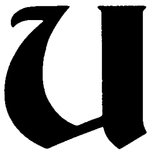
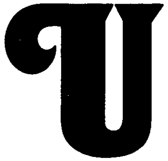
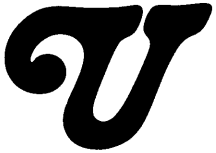
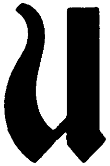
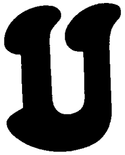
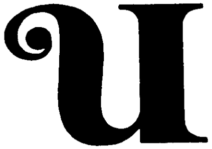
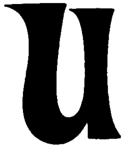
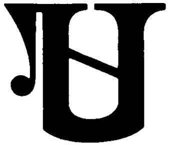
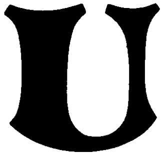
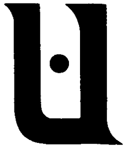


69

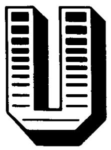


70

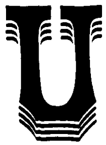


71

72

73

74

75

76

77

78

79

80

81

82

83

84

85

86

87

88

89

90

91

92

93

94

95

96

97

98

99

100

101

102

103

104

105


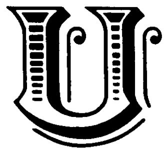
106



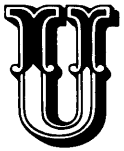
107



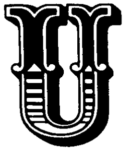
108



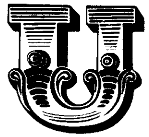
109



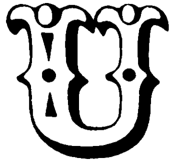
110



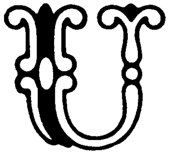
111



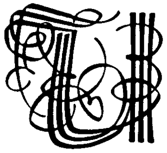
112



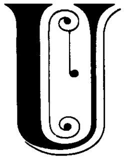
113



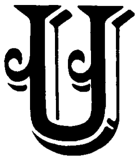
114



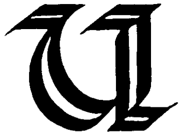
115



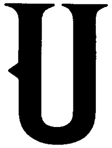
116



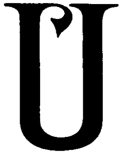
117



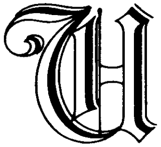
118



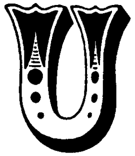
119



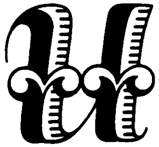
120



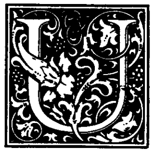
121



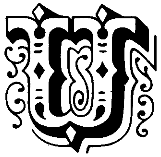
122



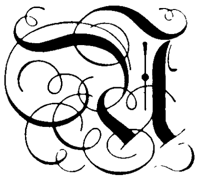
123



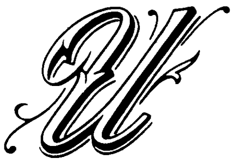
124



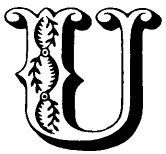
125



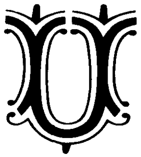
126



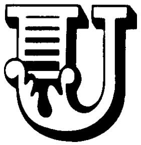
127



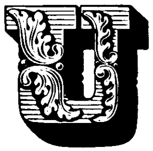
128



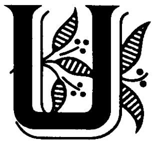
129



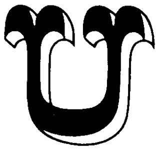
130



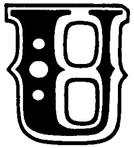
131



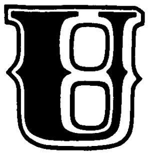
132



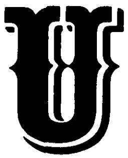
133



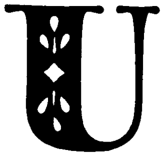
134



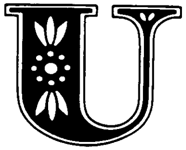
135



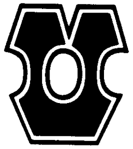
136



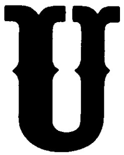
137



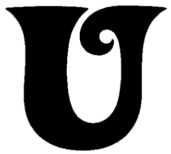
138



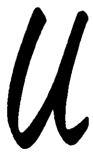
139



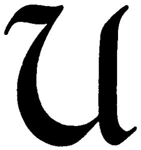
140



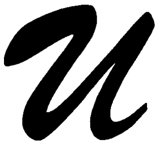
141



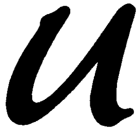
142



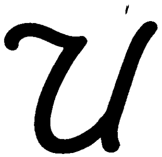
143



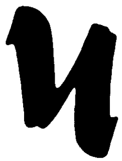
144



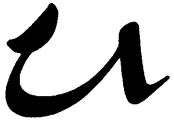
145



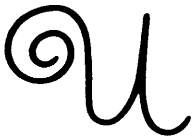
146



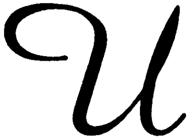
147



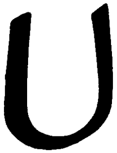
148



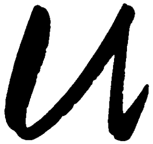
149



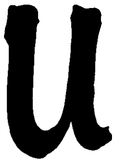
150



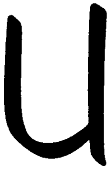
151



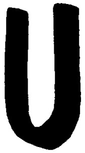
152



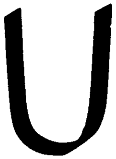
153



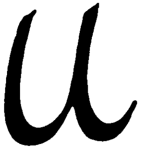
154



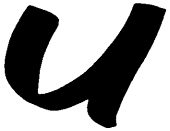
155



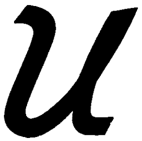
156



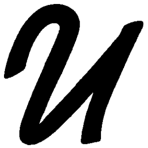
157



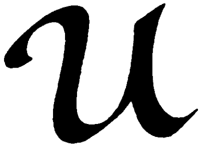
158



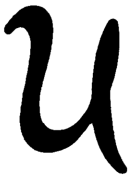
159



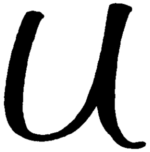
160



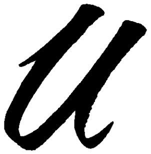
161



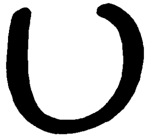
162



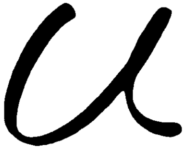
163



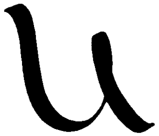
164



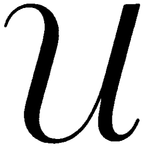
165



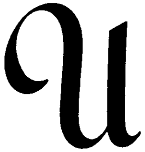
166



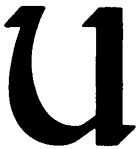
167



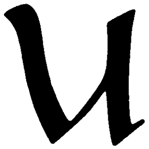
168



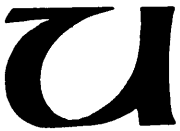
169



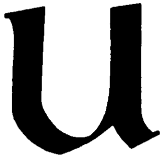
170



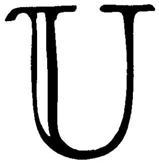
171



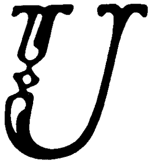
172



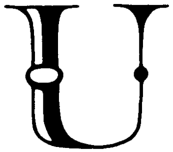
173



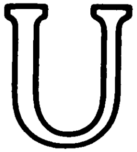
174



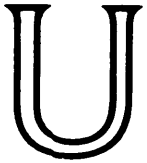
175



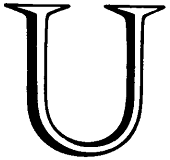
176



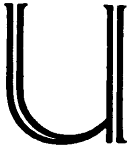
177



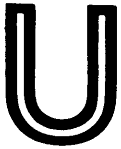
178



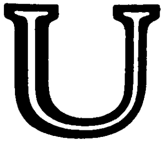
179



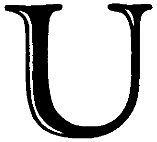
180



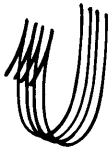
181



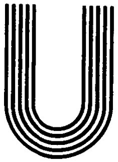
182



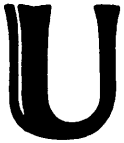
183



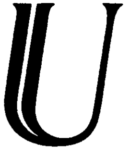
184



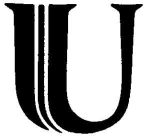
185



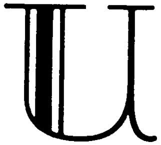
186



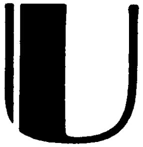
187



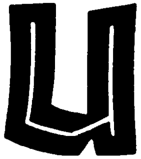
188



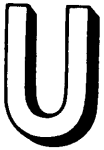
189



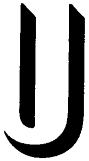
190



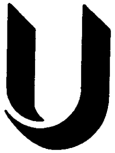
191



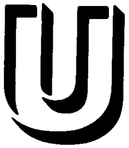
192



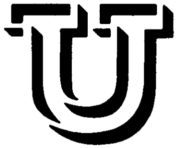
193



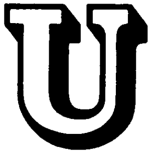
194



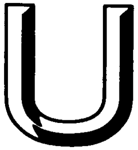
195



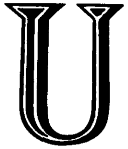
196



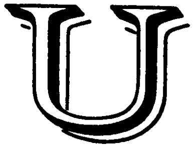
197



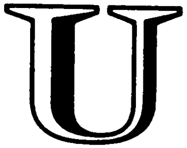
198



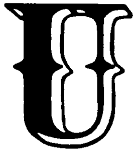
199



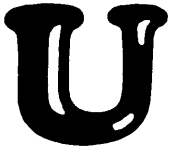
200



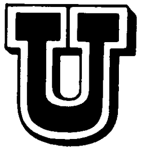
201



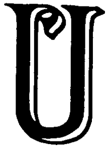
202



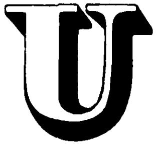
203



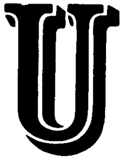
204



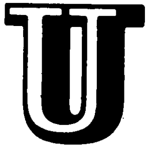
205



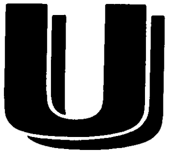
206



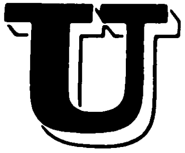
207



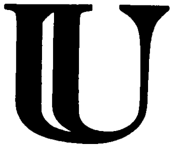
208



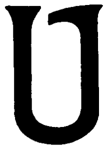
209



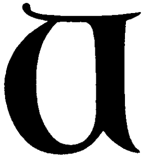
210



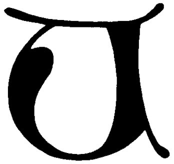
211



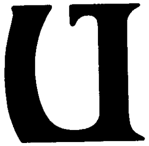
212



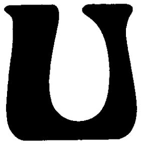
213



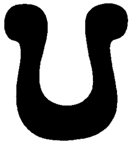
214



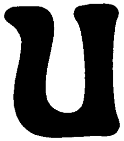
215



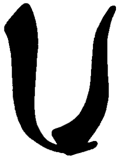
216



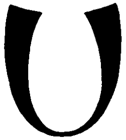
217



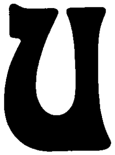
218



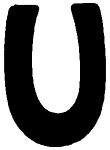
219



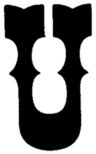
220



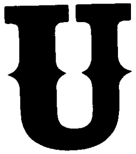
221



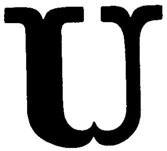
222



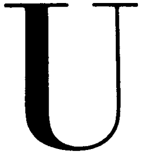
223



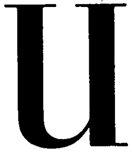
224



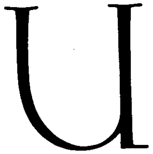
225



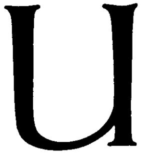
226



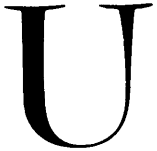
227



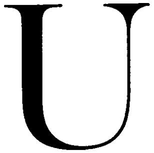
228



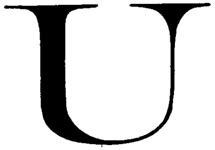
229



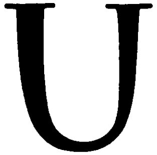
230



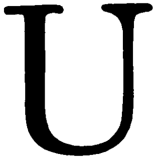
231



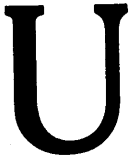
232



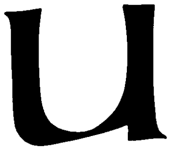
233



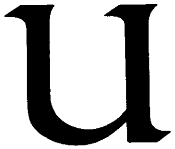
234



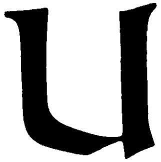
235



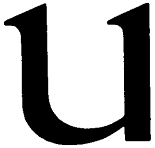
236



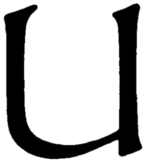
237



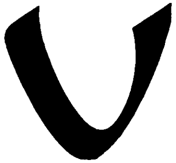
238



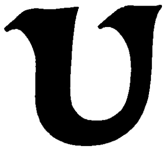
239



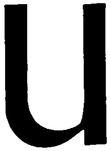
240



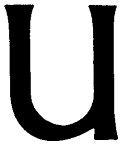
241



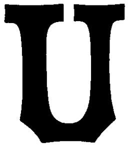
242



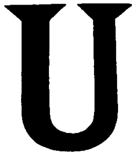
243

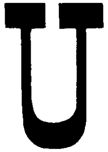


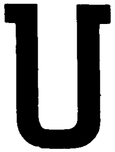
244

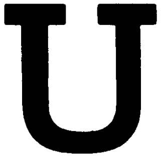


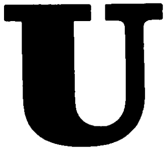
245

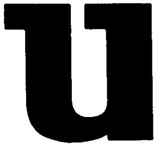


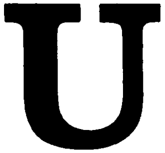
246


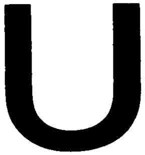
247


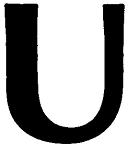
248


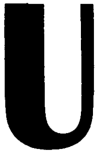
249


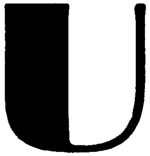
250


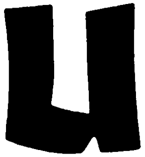
251


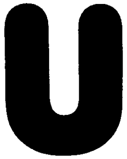
252


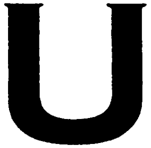
253


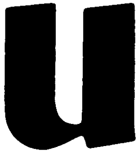
254


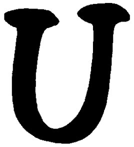
255


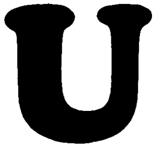
256


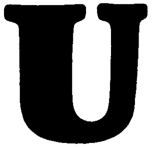
257


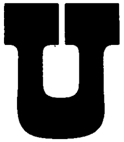
258


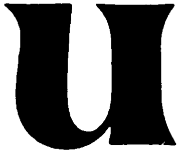
259


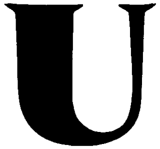
260


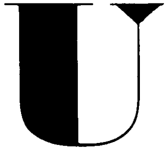
261


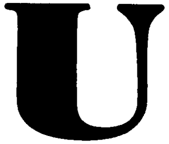
262


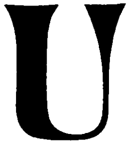
263


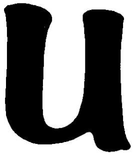
264


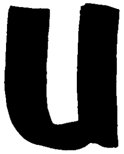
265


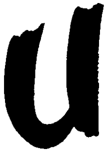
266


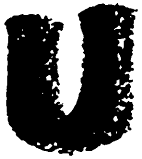
267


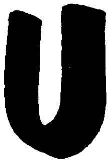
268


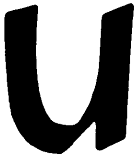
269


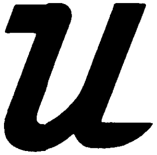
270


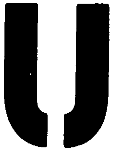
271


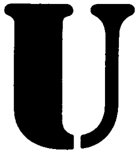
272


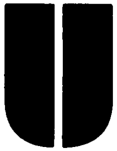
273


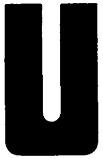
274


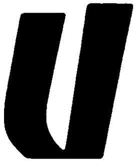
275


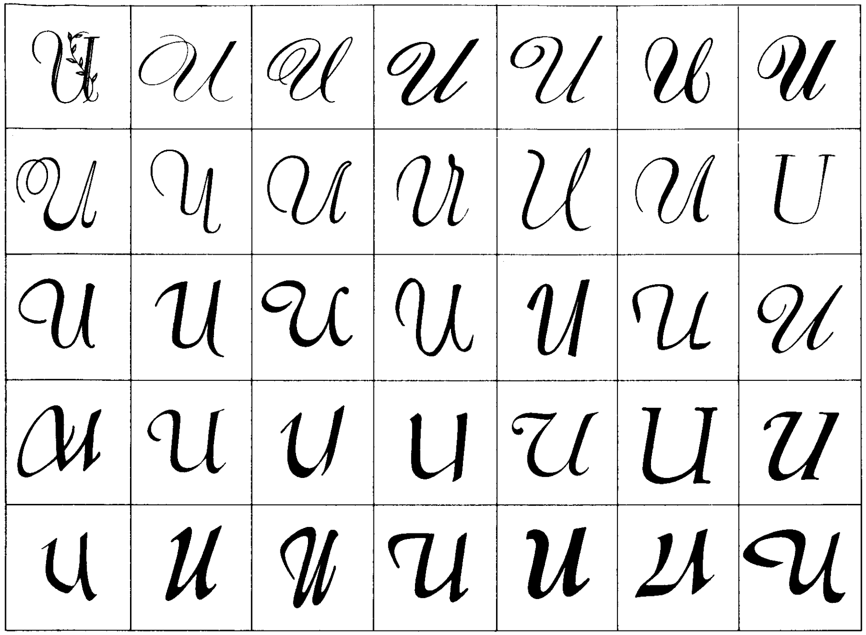
276


277


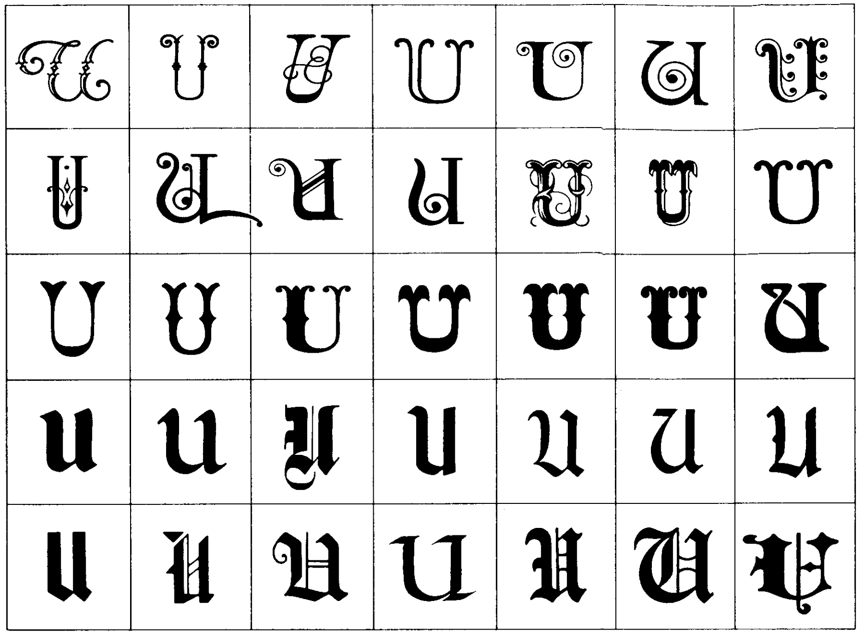
278


279


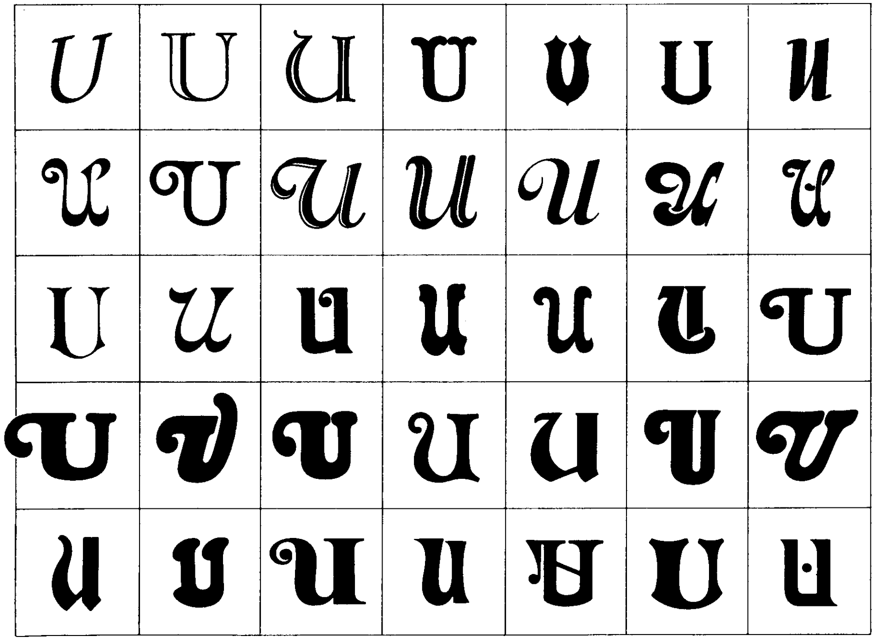
280




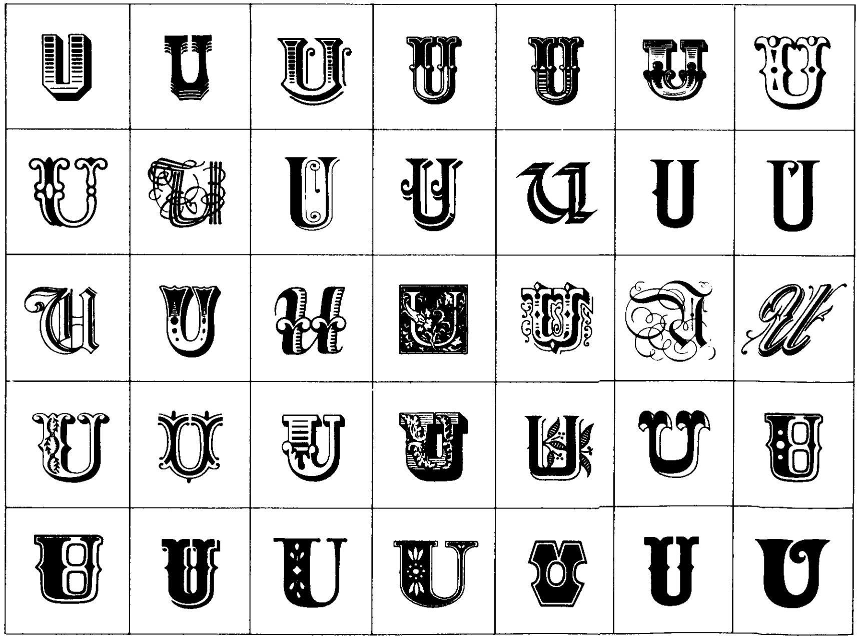
202



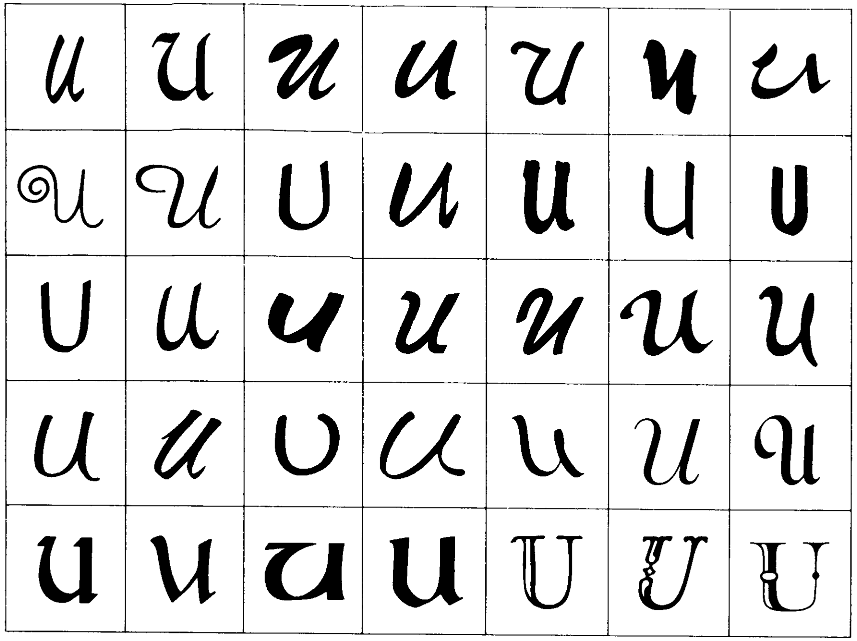
203



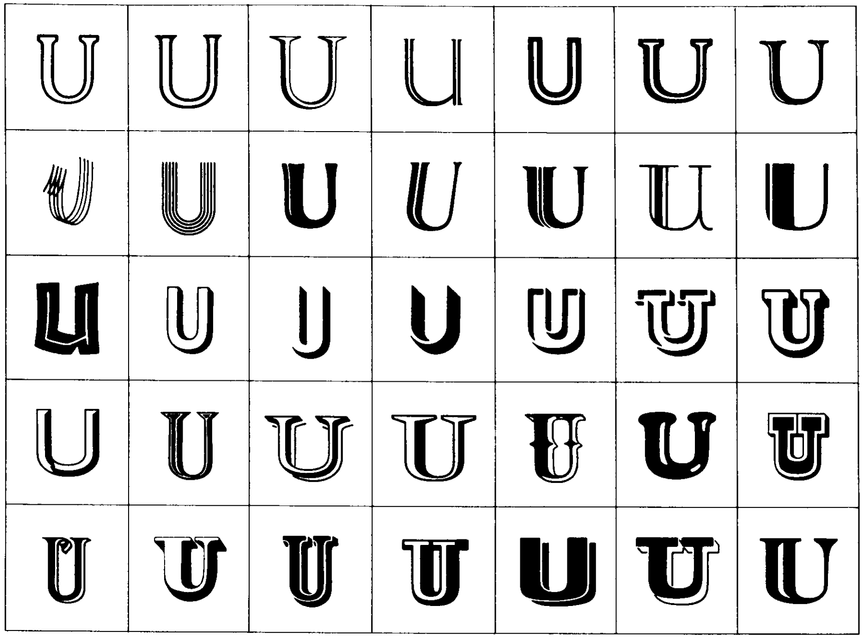
204



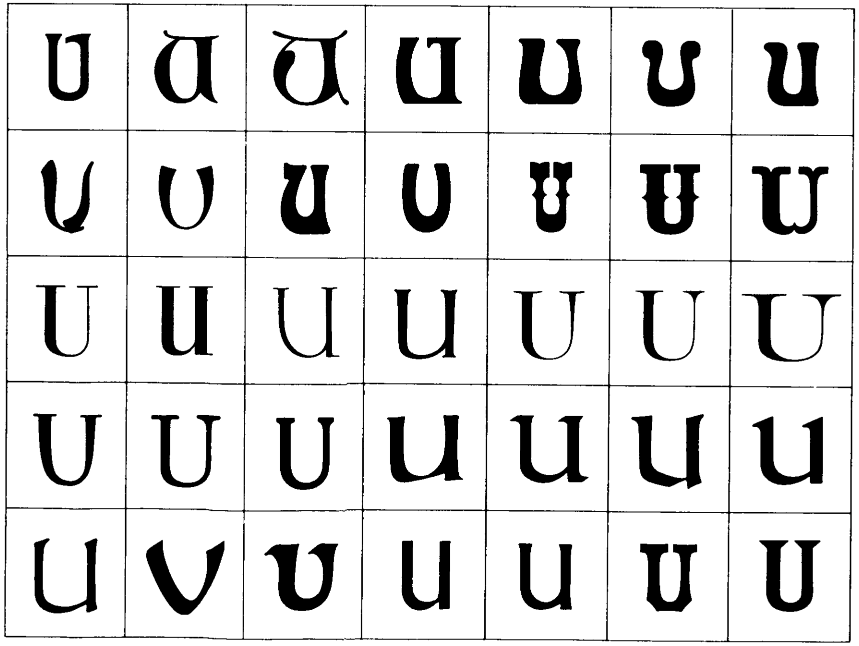
205



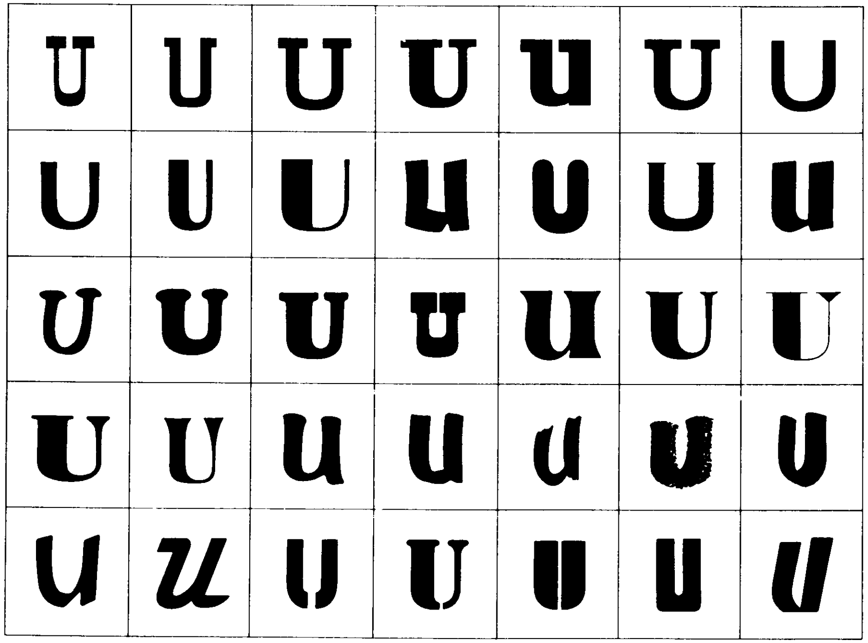
206



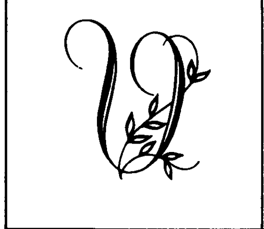
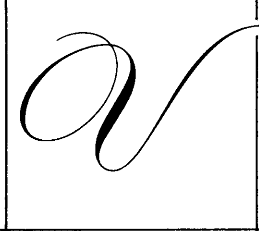
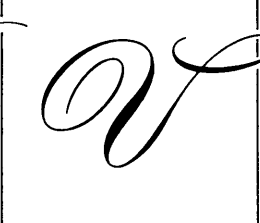
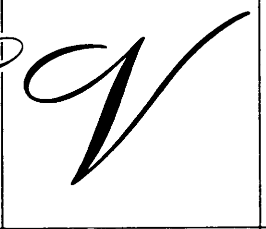
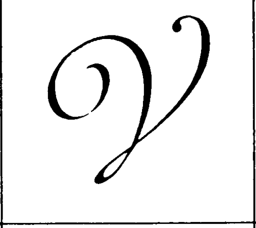
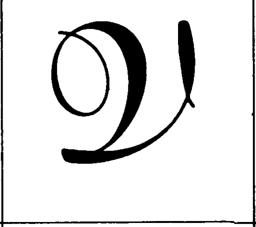
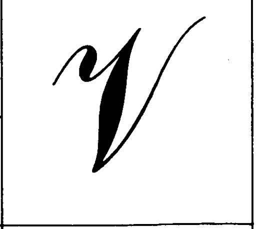
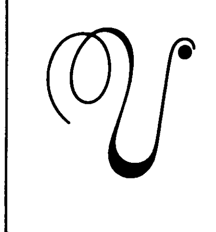
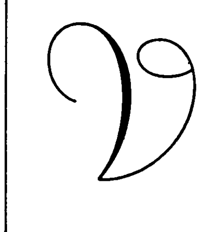
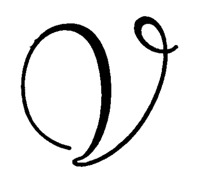
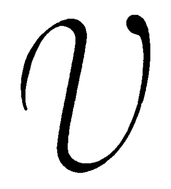
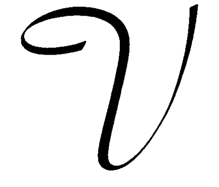
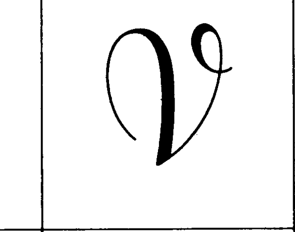
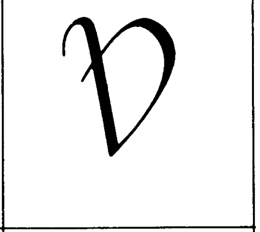
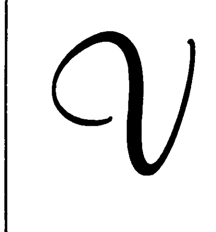
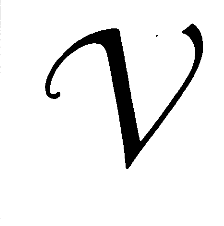
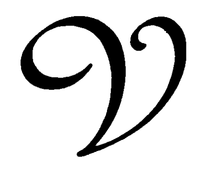
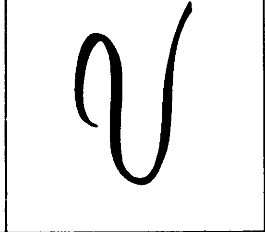
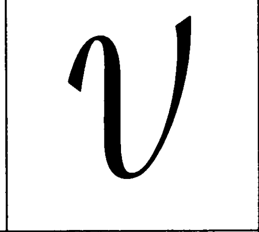
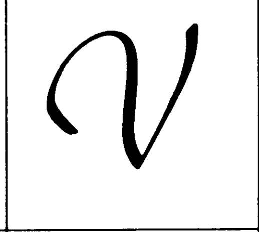
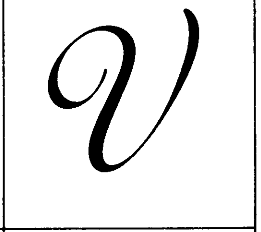
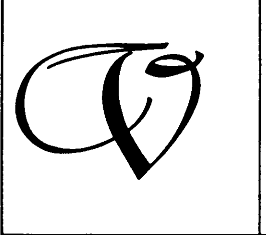
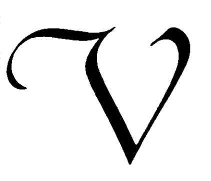
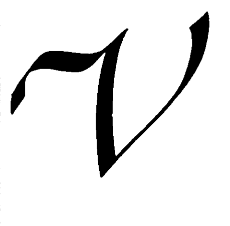
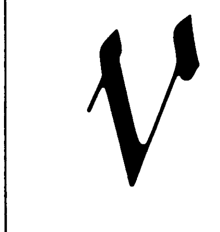
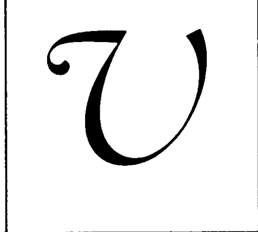
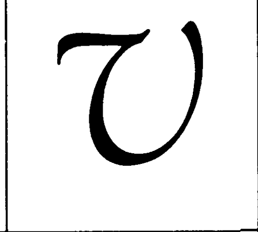
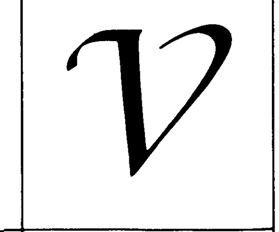
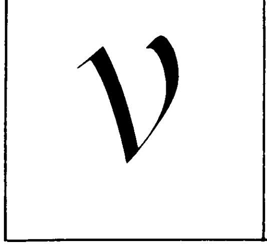
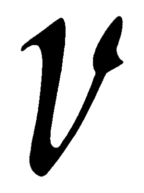
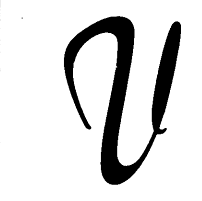
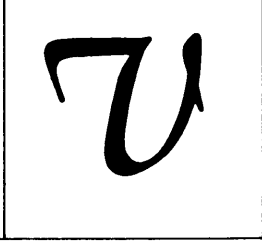
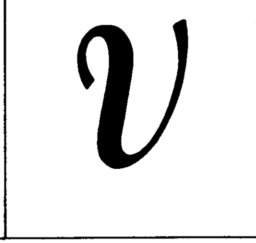
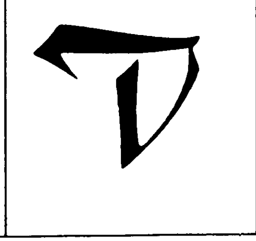
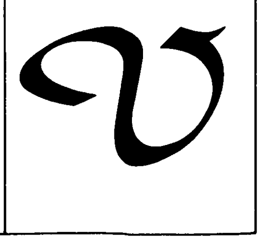
207

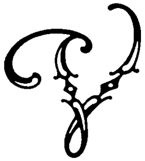


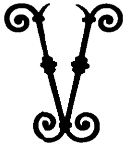
208

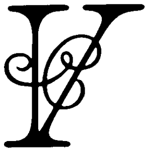


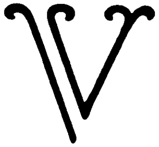
209

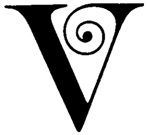
1

2

3

4

5

6

7

8

9

10

11

12

13

14

15

16

17

18

19

20

21

22

23

24

25

26

27

28

29

30

31

32

33

34

35


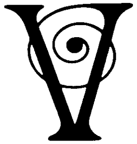
36


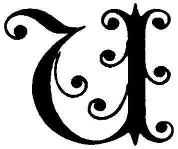
37


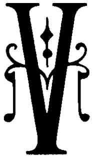
38


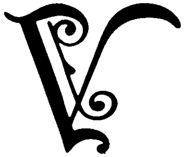
39


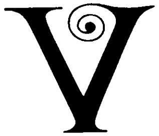
40


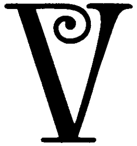
41


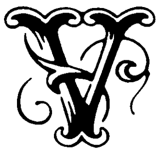
42


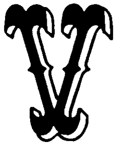
43


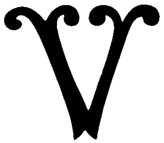
44


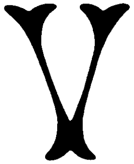
45


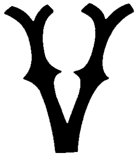
46


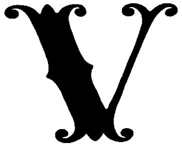
47


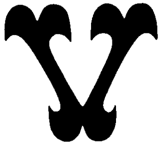
48


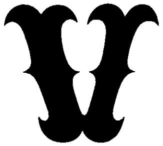
49


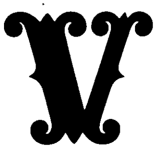
50


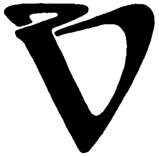
51


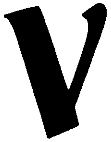
52


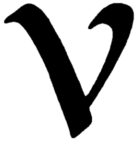
53


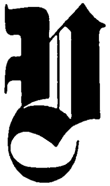
54


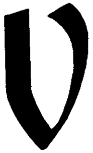
55


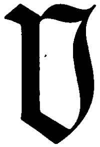
56


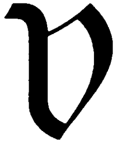
57


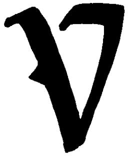
58


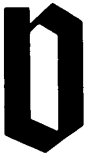
59


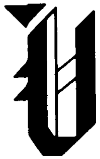
60


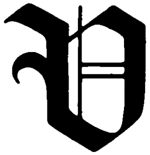
61


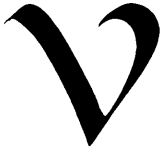
62


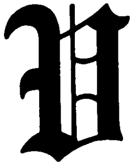
63


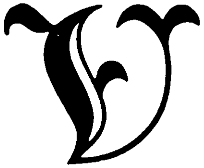
64


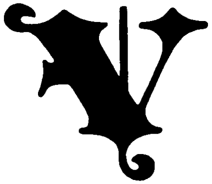
65


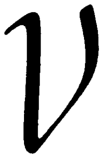
66


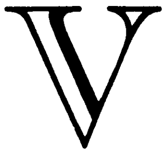
67


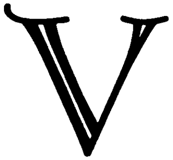
68


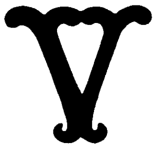
69


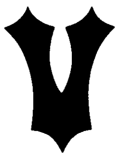
70


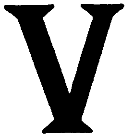

71

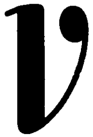

72

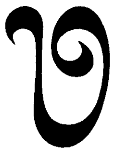

73

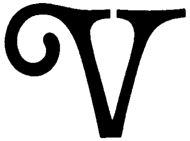

74

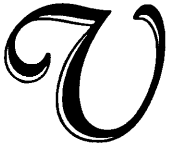

75

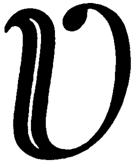

76

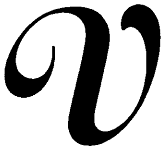

77

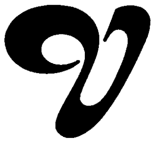

78

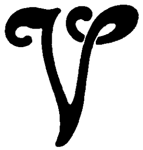

79

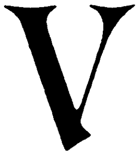

80

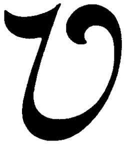

81

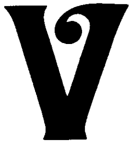

82

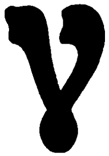

83

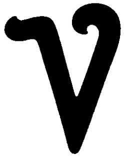

84

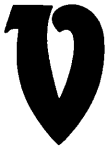

85

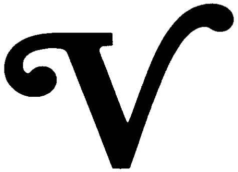

86

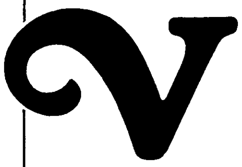

87

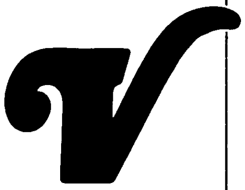

88

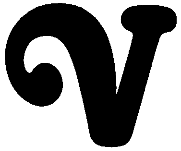

89

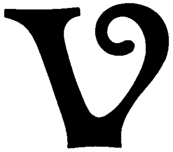

90

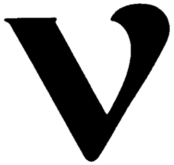

91

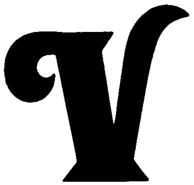

92

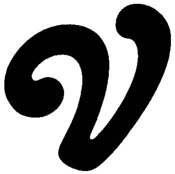

93

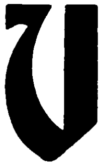

94

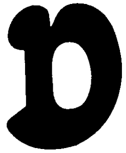

95

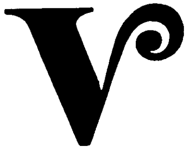

96

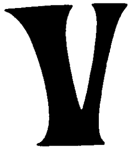

97

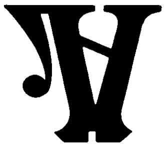

98

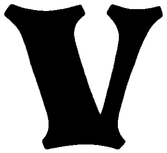

99

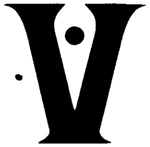

100


101

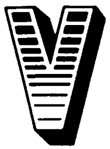

102


103

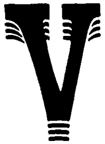

104


105

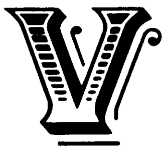
106



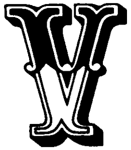
107



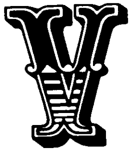
108



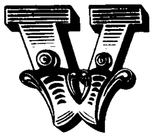
109



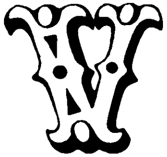
110



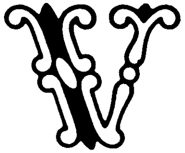
111



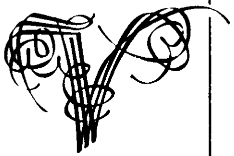
112



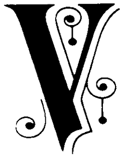
113



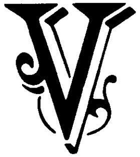
114



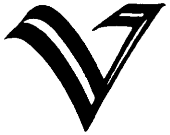
115



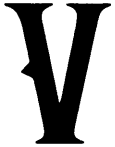
116



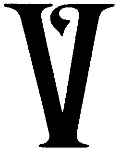
117



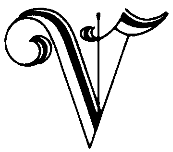
118



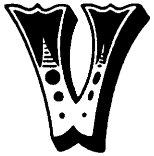
119



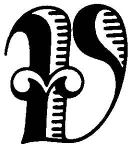
120



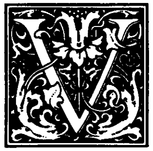
121



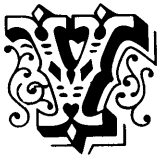
122



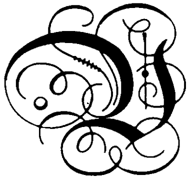
123



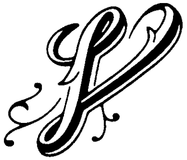
124



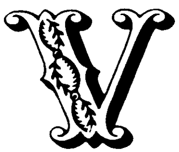
125



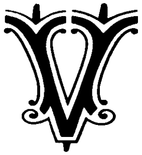
126



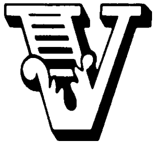
127



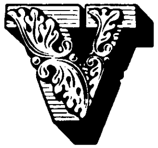
128



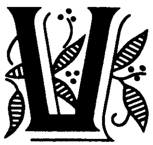
129



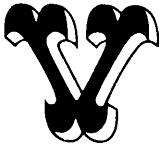
130



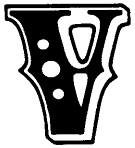
131



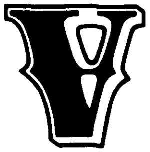
132



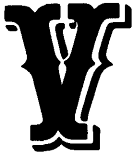
133



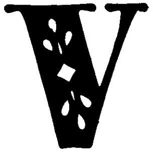
134



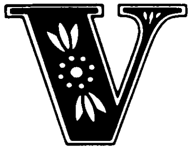
135



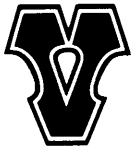
136



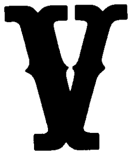
137



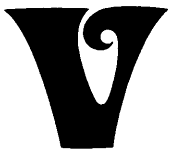
138

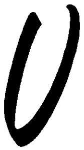


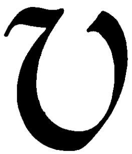
139

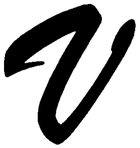


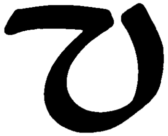
140

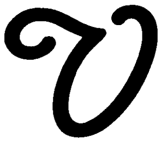


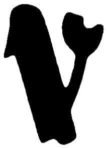
141


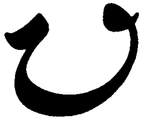
142


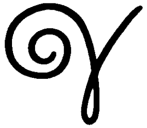
143


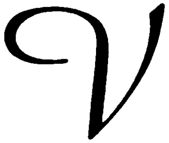
144


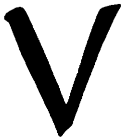
145


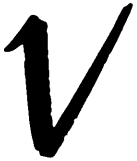
146


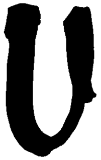
147


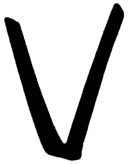
148


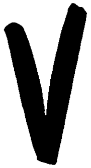
149


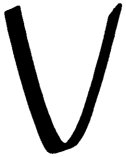
150


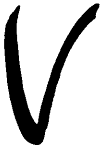
151


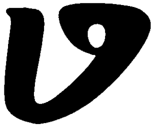
152


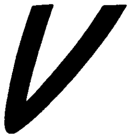
153


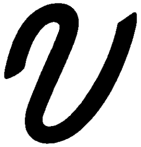
154


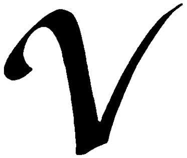
155


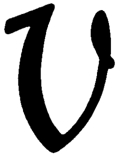
156


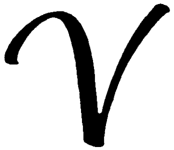
157


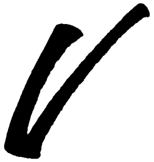
158


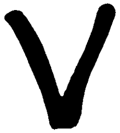
159


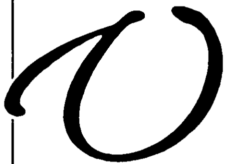
160


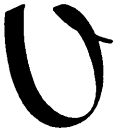
161


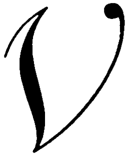
162


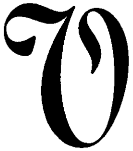
163


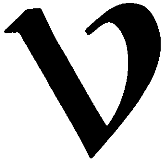
164


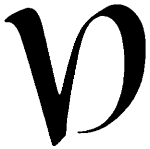
165


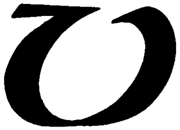
166


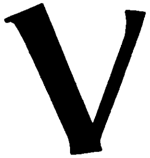
167


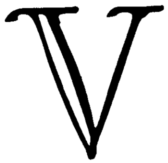
168


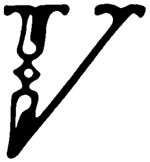
169


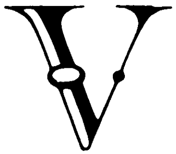
170


171


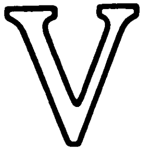
172


173


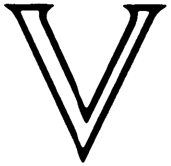
174


175


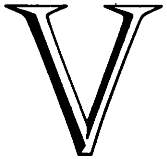
176



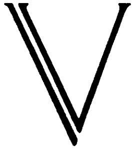
177



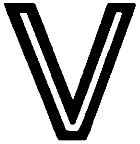
178



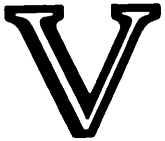
179



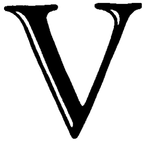
180



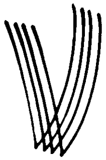
181



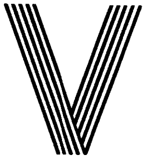
182



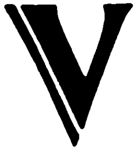
183



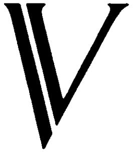
184



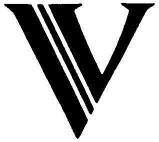
185



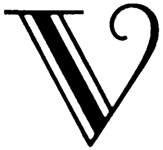
186



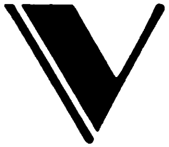
187



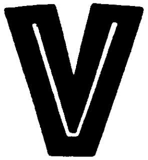
188



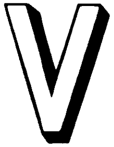
189



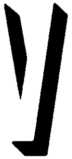
190



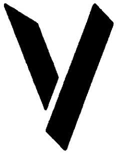
191



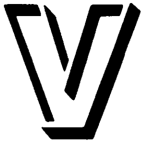
192



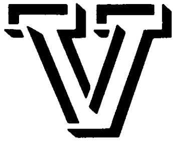
193



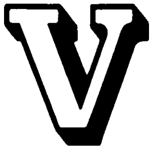
194



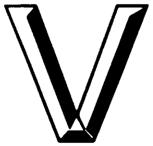
195



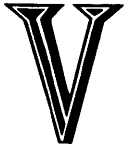
196



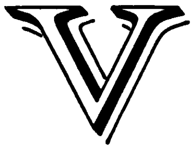
197



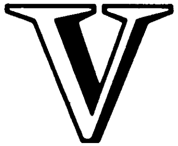
198



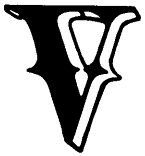
199



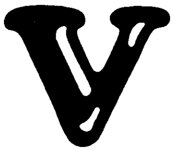
200



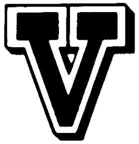
201



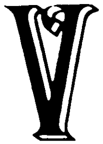
202



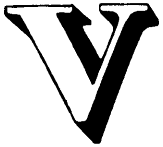
203



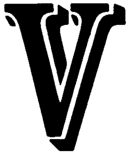
204



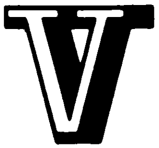
205



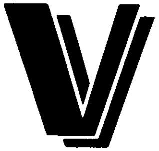
206



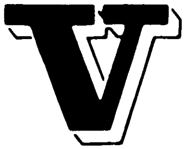
207



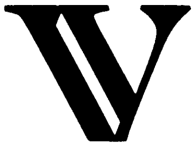
208

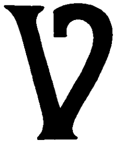


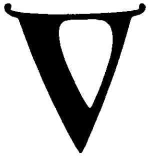
209

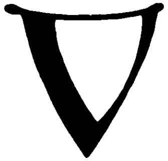


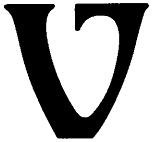
210

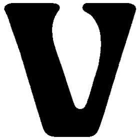


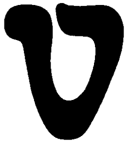
211


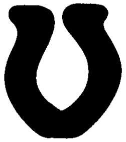
212


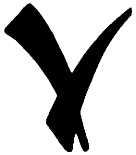
213


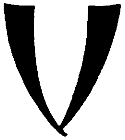
214


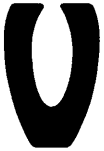
215


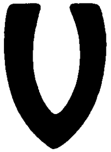
216


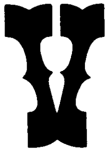
217


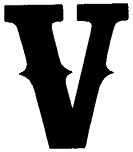
218


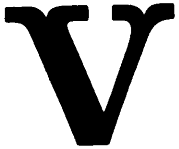
219


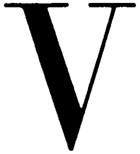
220


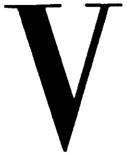
221


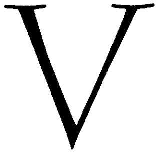
222


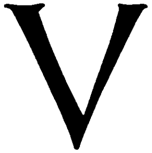
223


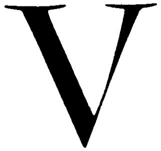
224


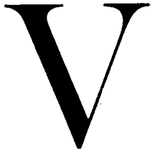
225


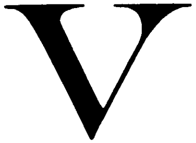
226


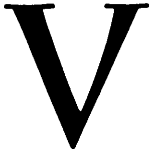
227


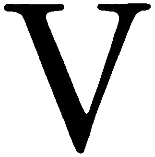
228


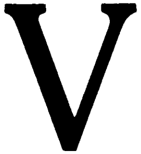
229


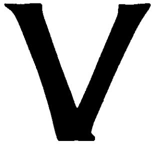
230


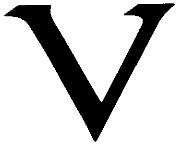
231


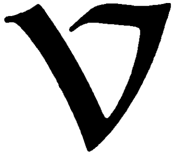
232


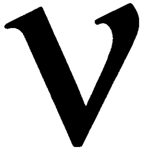
233


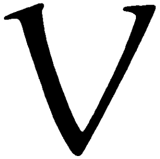
234


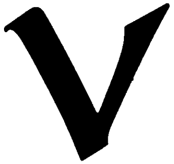
235


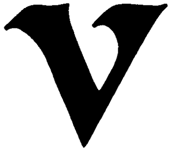
236


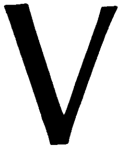
237


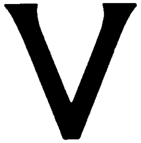
238


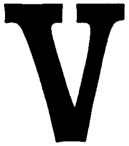
239


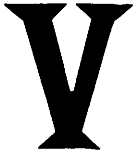
240


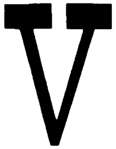
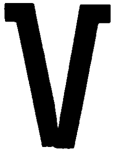
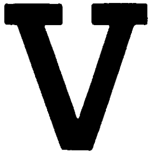
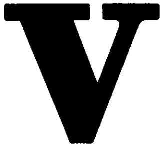
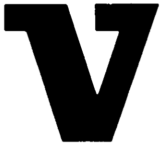
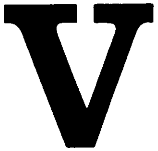
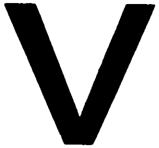
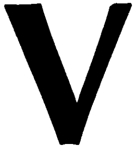
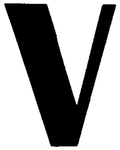
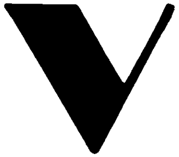
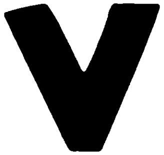
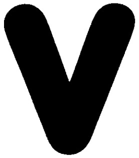
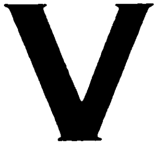
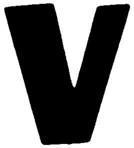
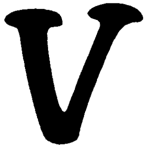
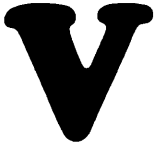
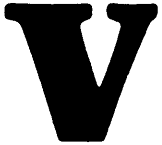
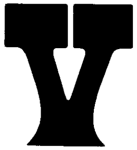
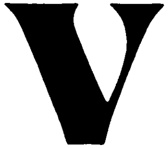
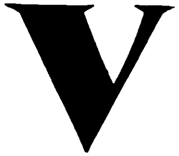
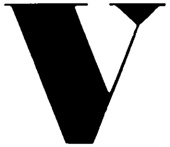
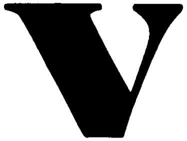
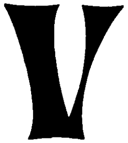
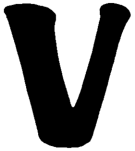
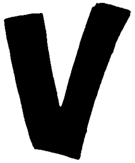
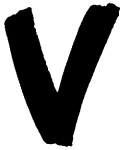
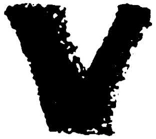
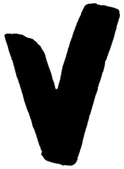
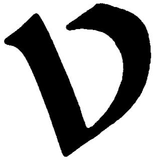
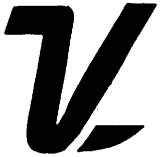
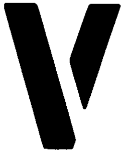
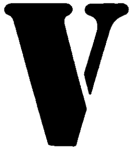
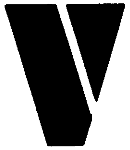
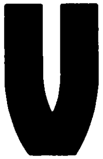
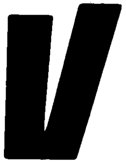
241


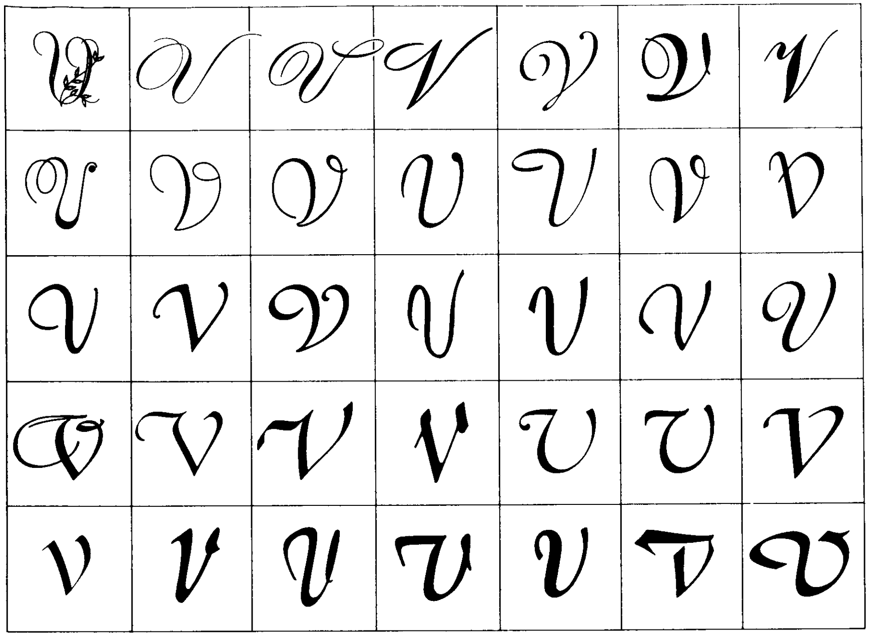
242


243


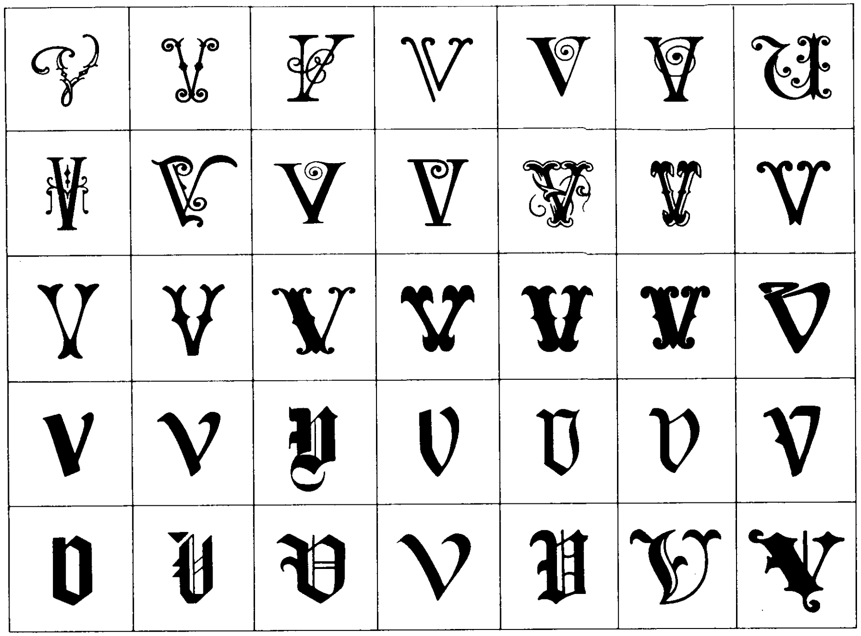
244


245


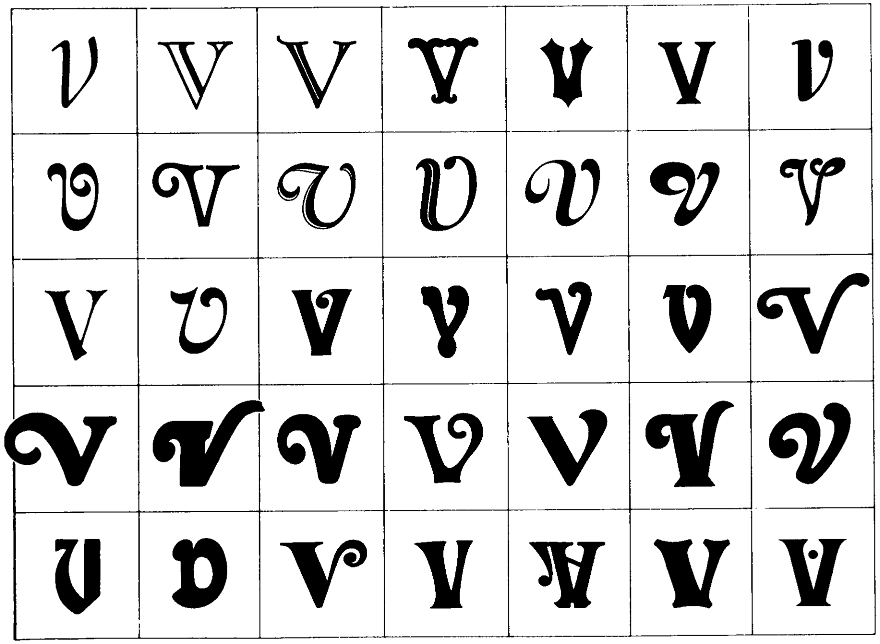
246

247

248

249

250

251

252

253

254

255

256

257

258

259

260

261

262

263

264

265

266

267

268

269

270

271

272

273

274

275

276

277

278

279

280




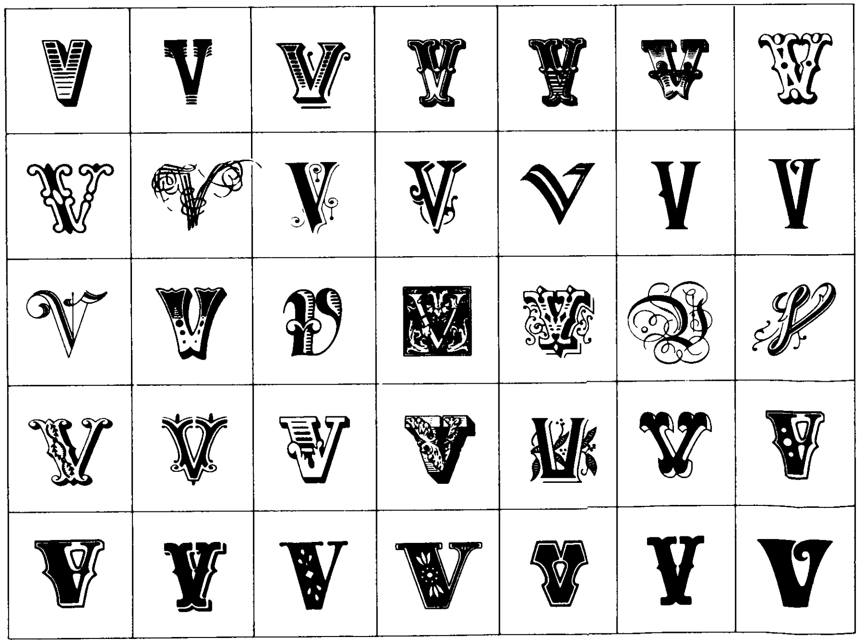
212



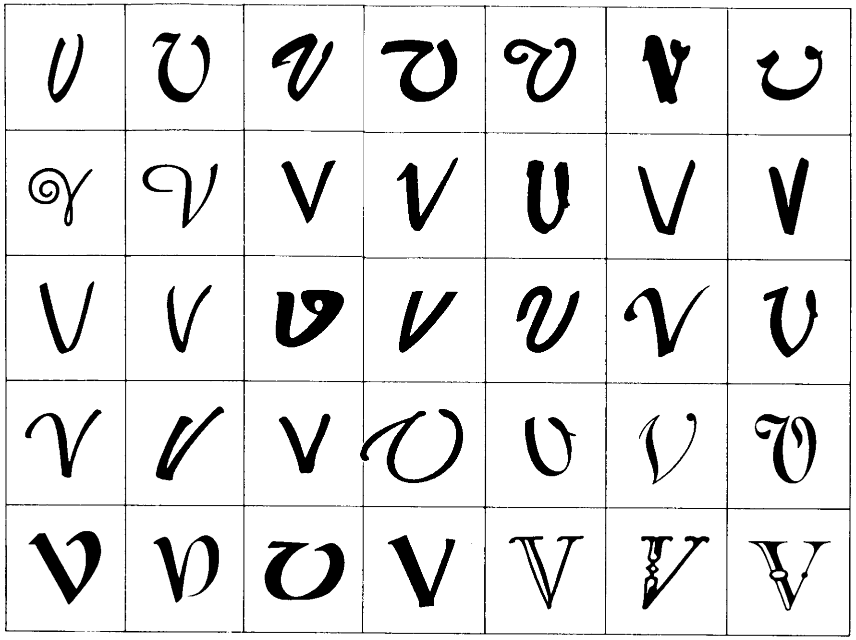
213



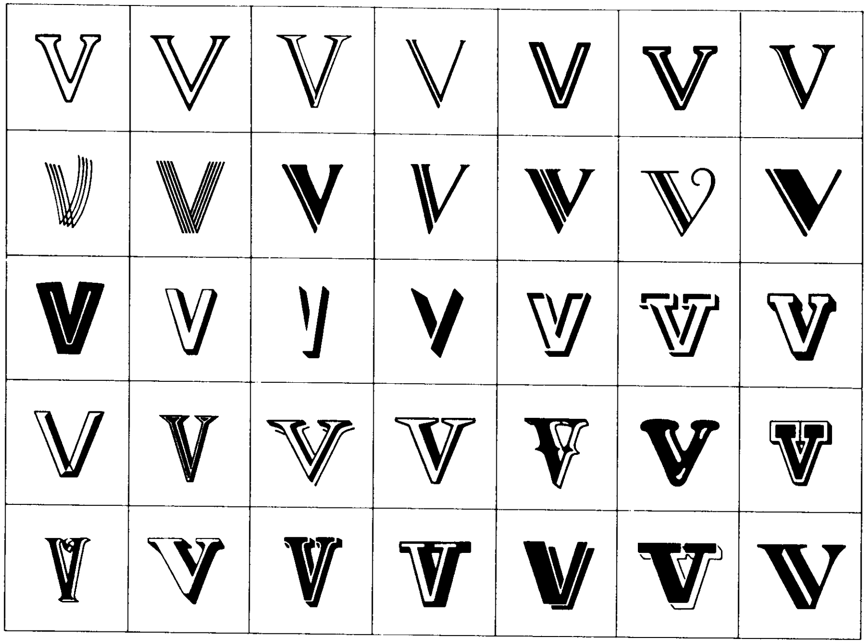
214



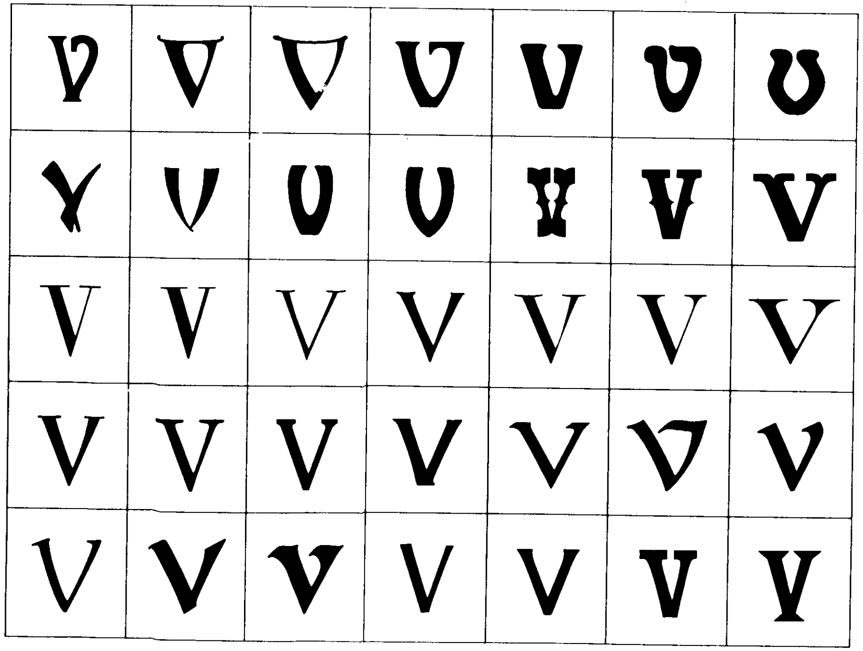
215



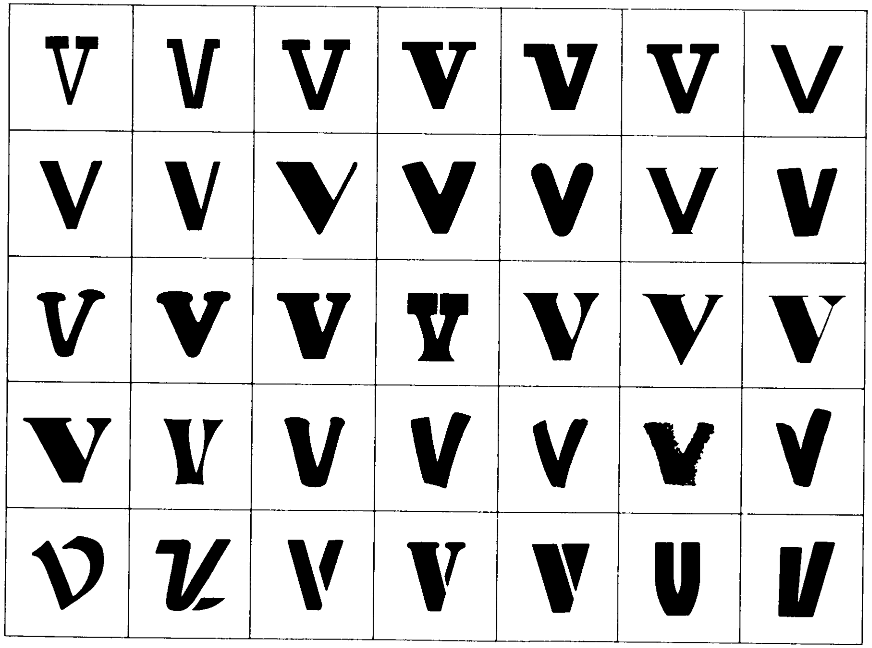
216



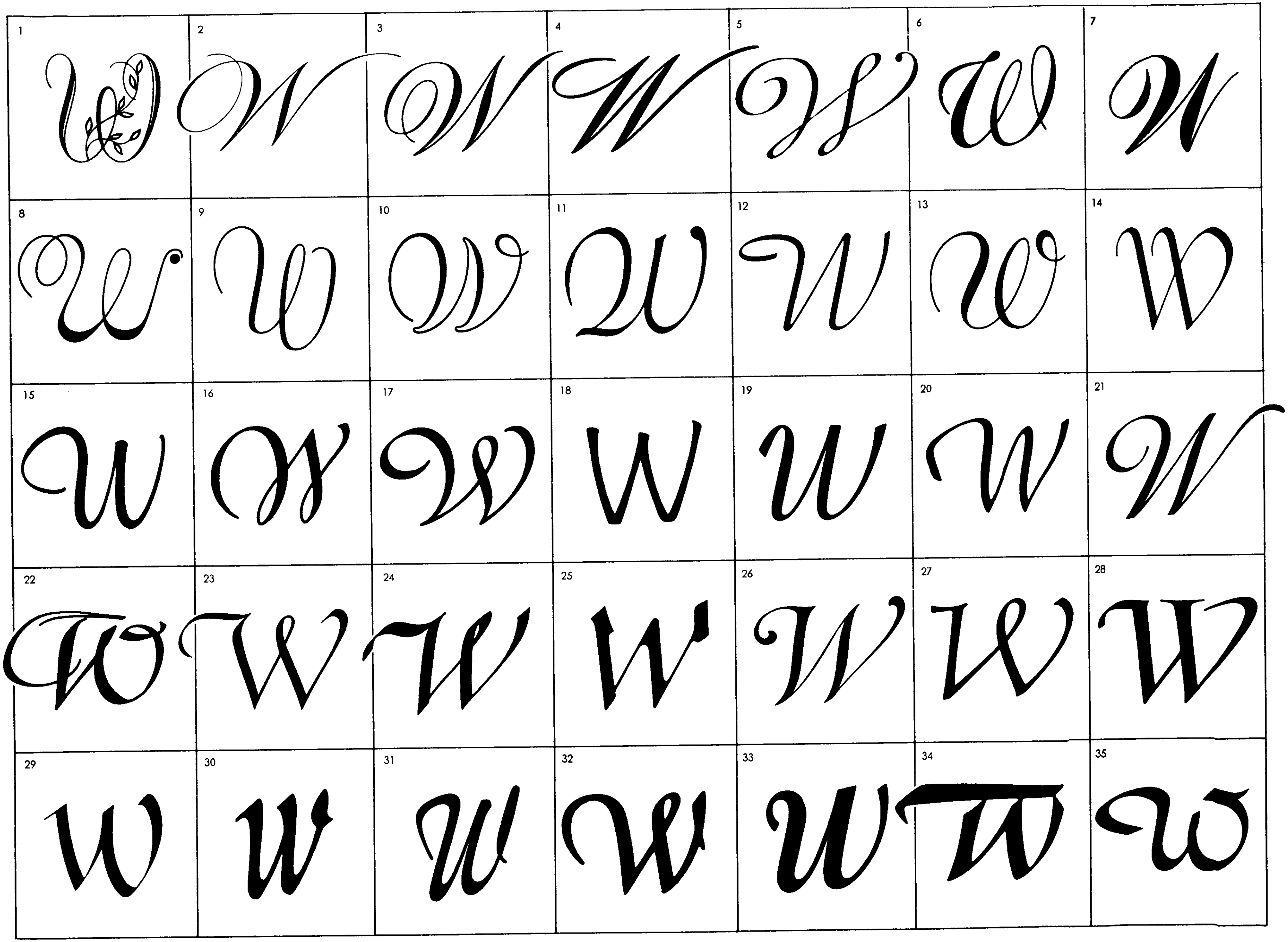
217



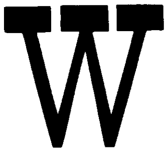
218



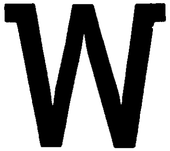
219


1
2
3
4
5
6
7
8
9
10
11
12
13
14
15
16
17
18
19
20
21
22
23
24
25
26
27
28
29
30
31
32
33
34
35

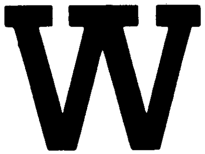
246



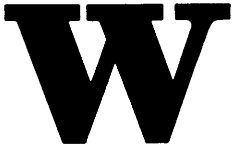
247



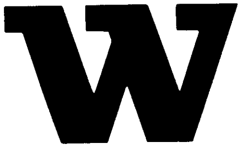
248



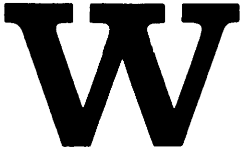
249



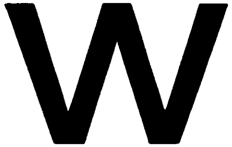
250



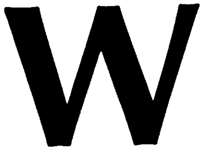
251



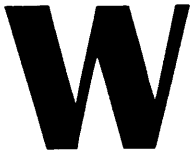
252



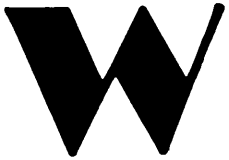
253



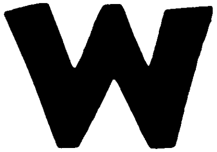
254



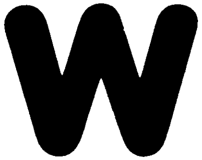
255



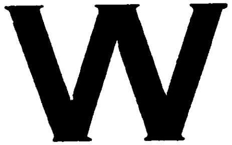
256



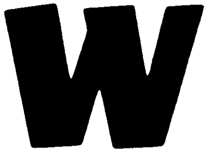
257



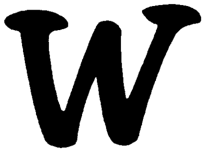
258



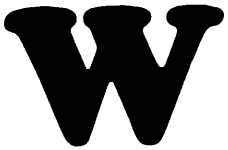
259



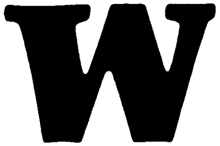
260



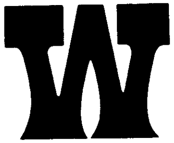
261



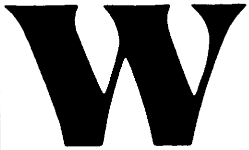
262



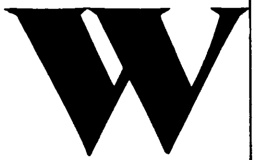
263



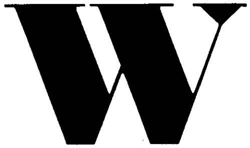
264



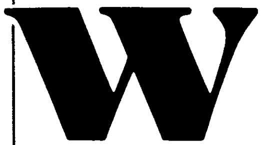
265



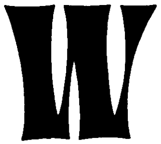
266



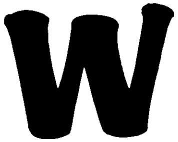
267



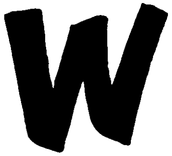
268



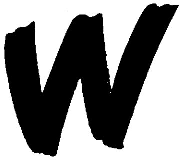
269



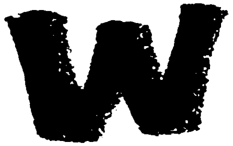
270



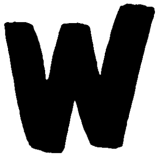
271



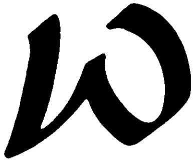
272



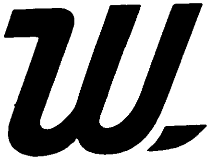
273



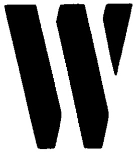
274



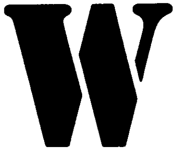
275



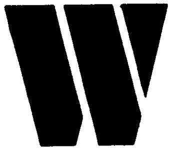
276



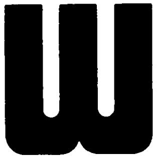
277



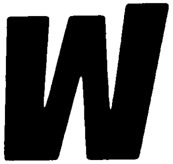
278

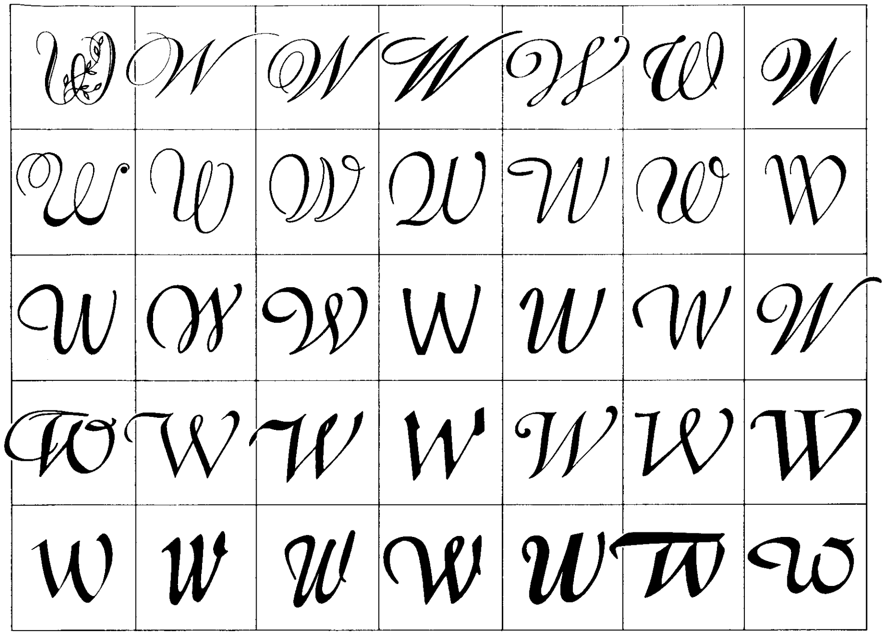


279

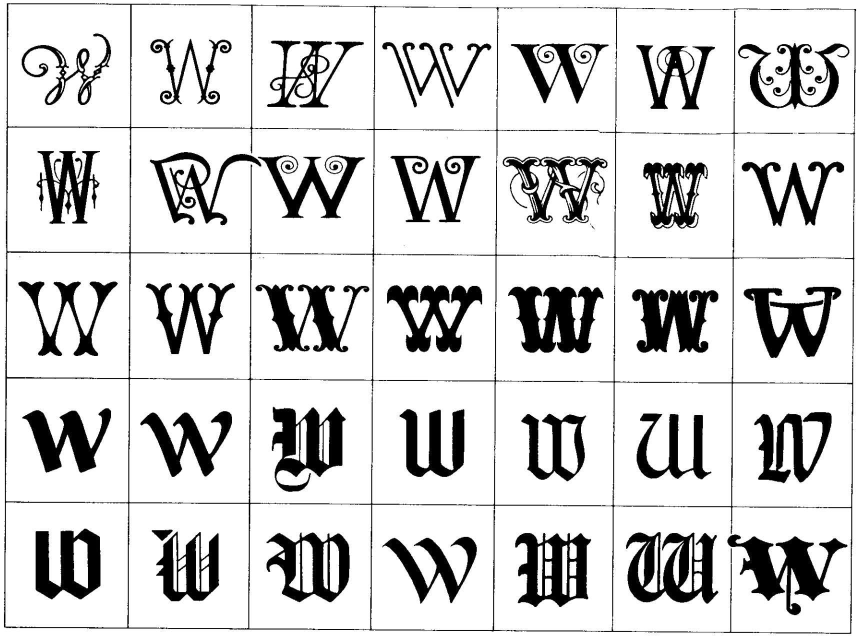


280

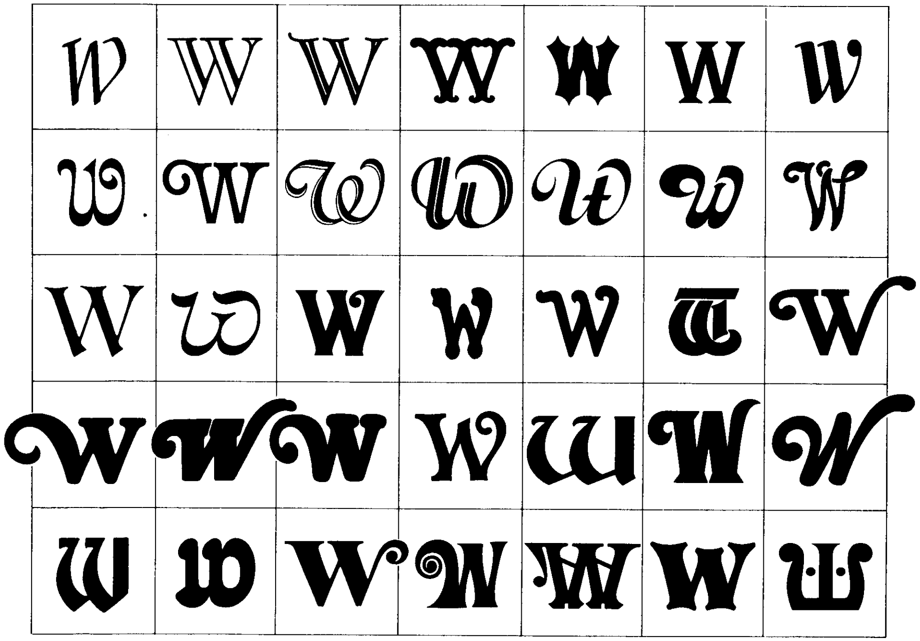




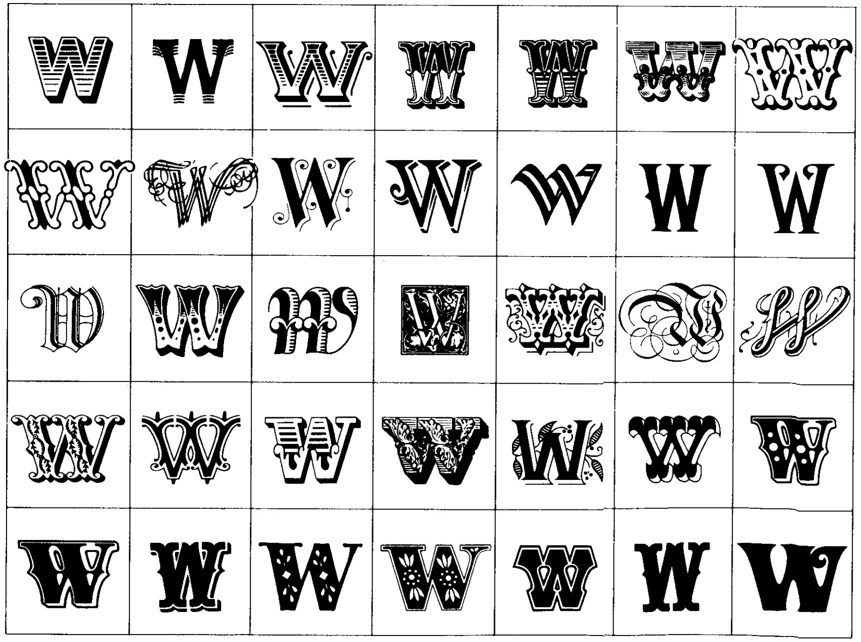
222



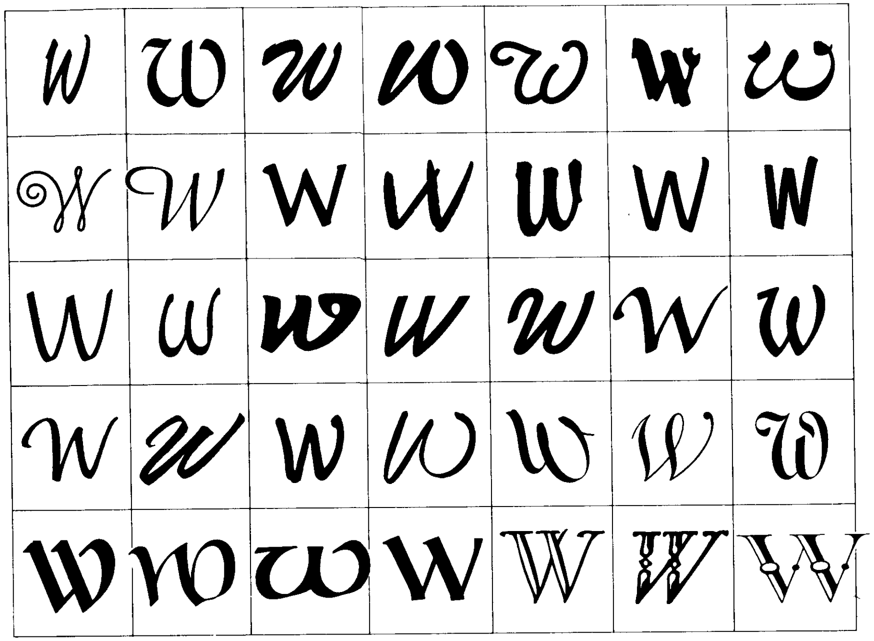
223



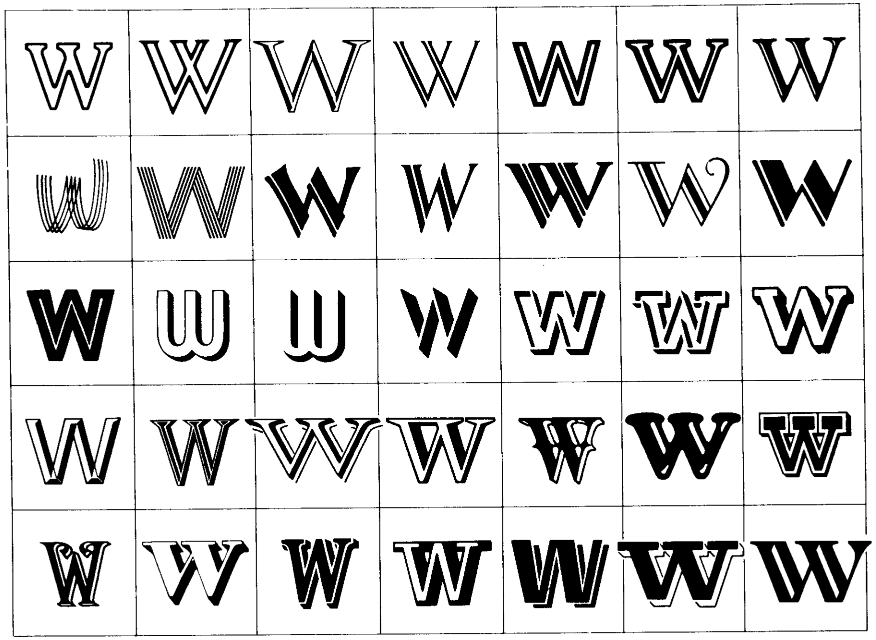
224



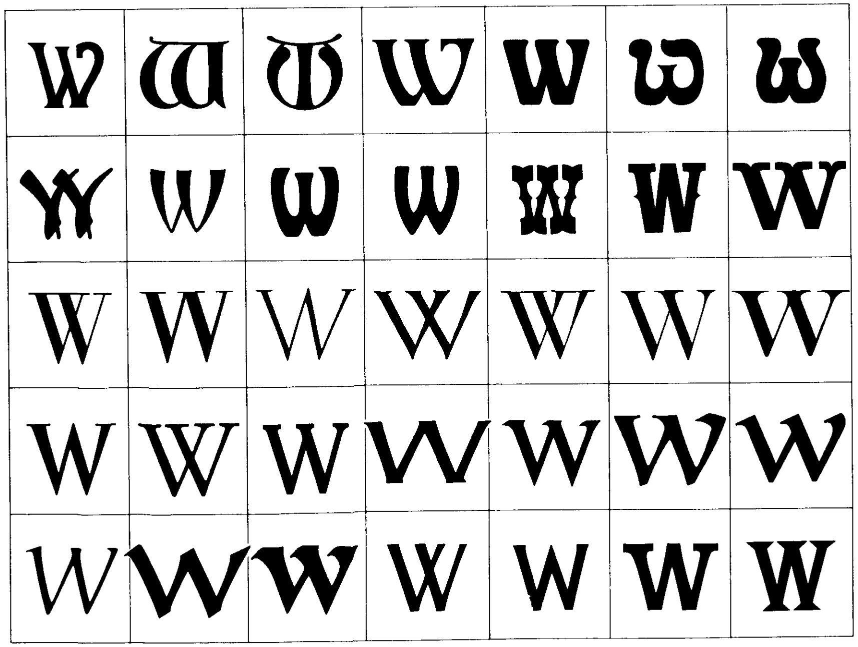
225



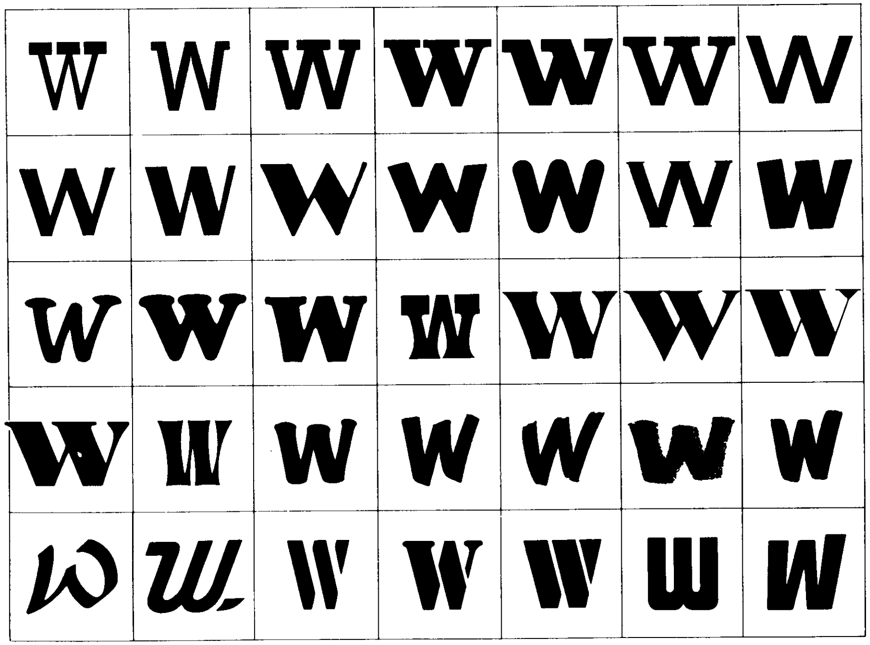
226



227

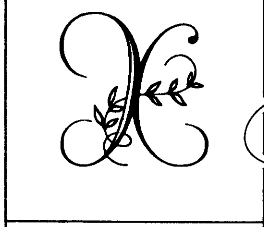


228

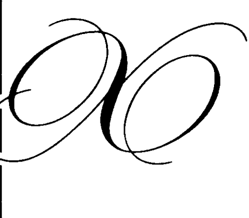


229

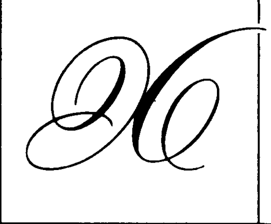
1



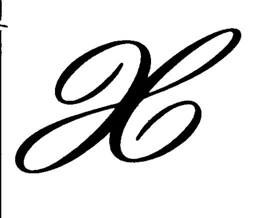
2



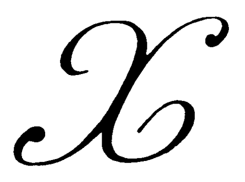
3



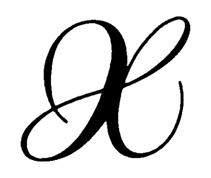
4



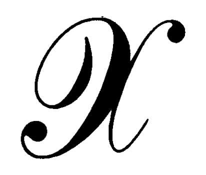
5



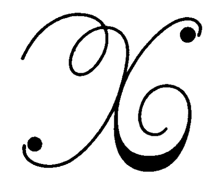
6



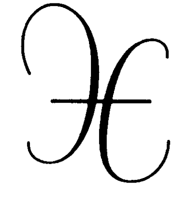
7



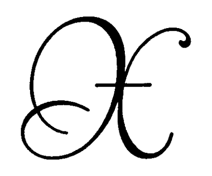
8



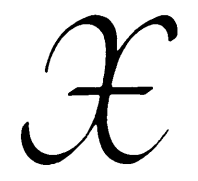
9



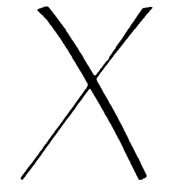
10



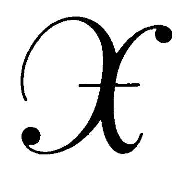
11



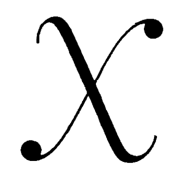
12



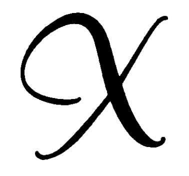
13



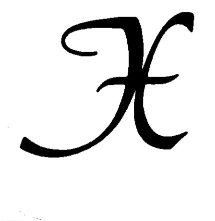
14



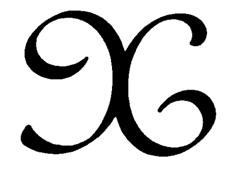
15



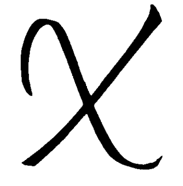
16



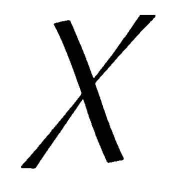
17



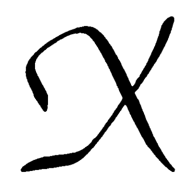
18



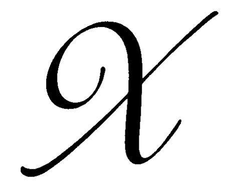
19



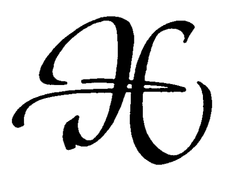
20



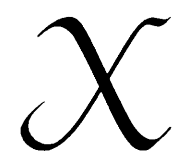
21



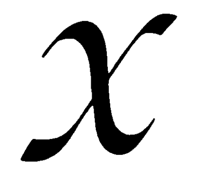
22



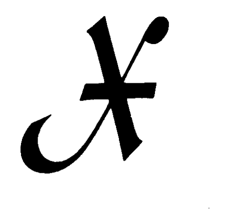
23



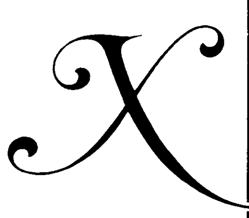
24



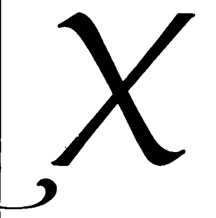
25



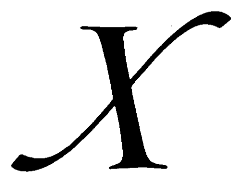
26



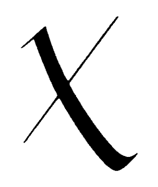
27



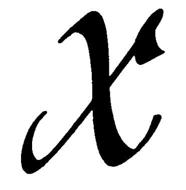
28



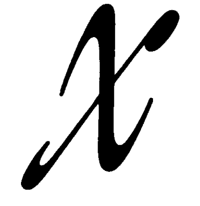
29



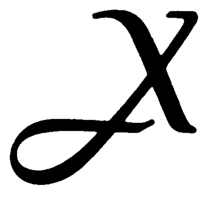
30



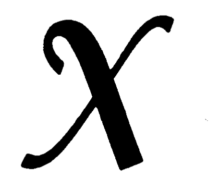
31



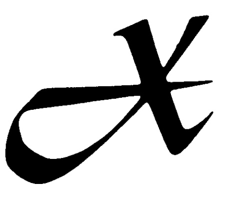
32



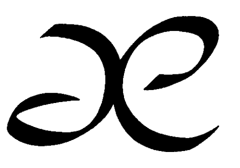
33



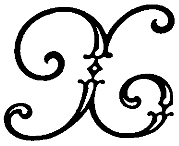
34



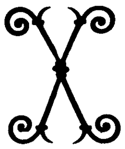
35



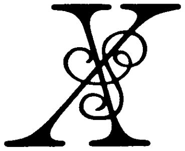
36



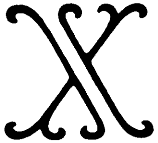
37



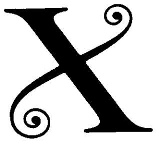
38



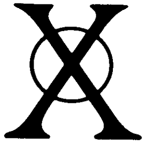
39



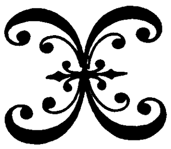
40



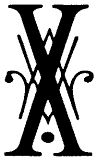
41



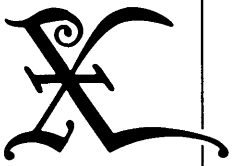
42



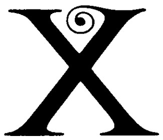
43



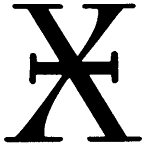
44



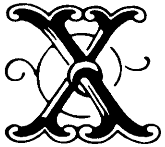
45



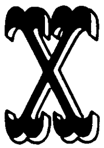
46



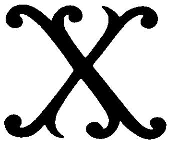
47



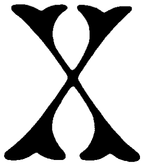
48



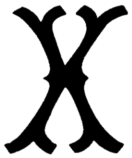
49



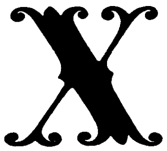
50



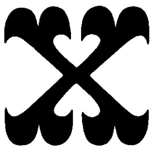
51



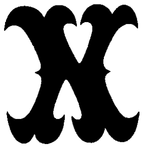
52



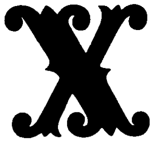
53



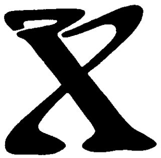
54



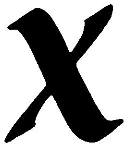
55



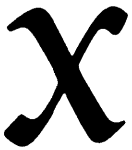
56



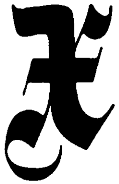
57



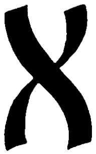
58



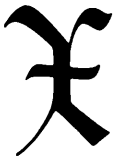
59



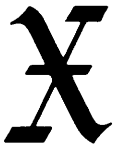
60



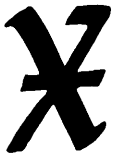
61



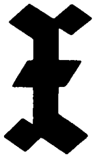
62



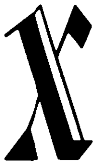
63



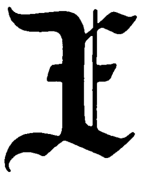
64



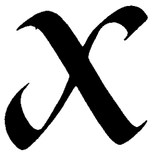
65



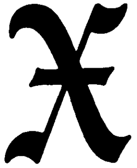
66



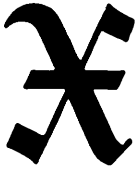
67



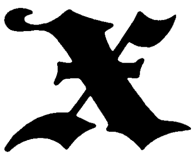
68



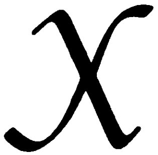
69



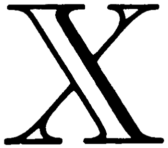
70



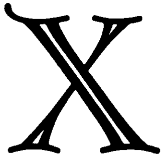
71



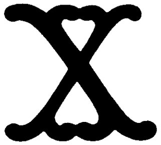
72



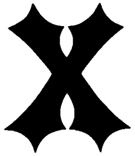
73



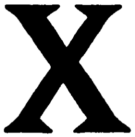
74



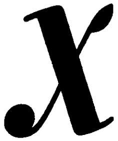
75



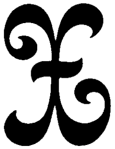
76



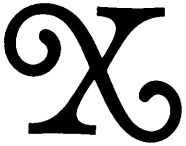
77



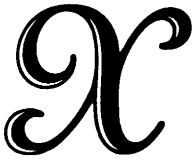
78



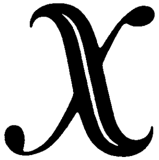
79



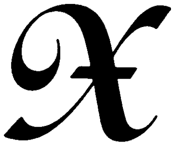
80



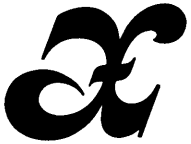
81



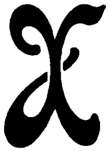
82



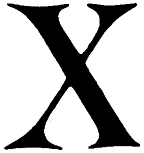
83



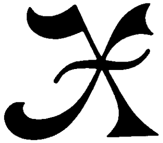
84



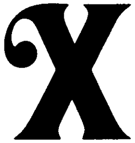
85



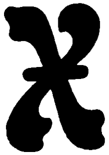
86



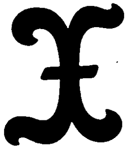
87



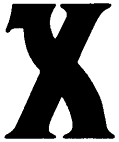
88



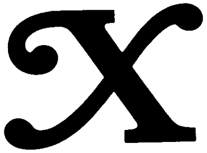
89



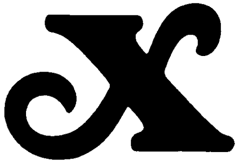
90



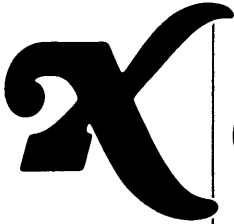
91



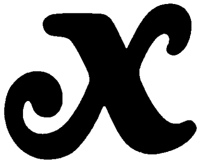
92



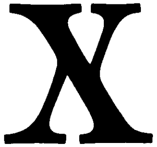
93



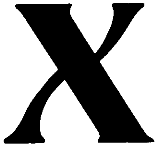
94



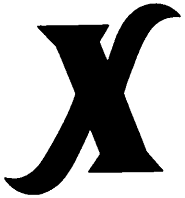
95



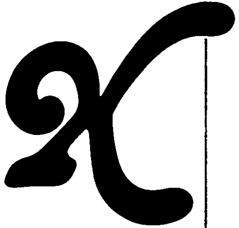
96



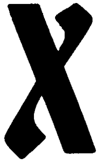
97



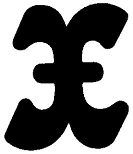
98



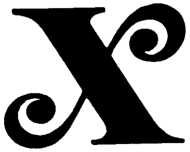
99



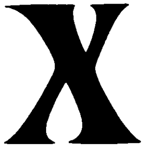
100



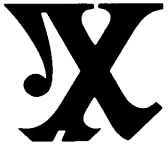
101



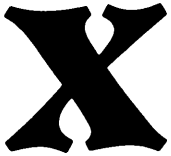
102



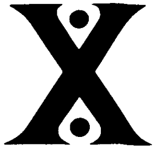
103



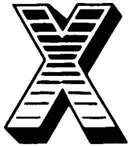
104



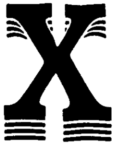
105



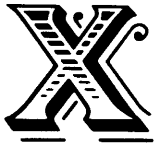
106



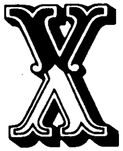
107



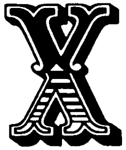
108



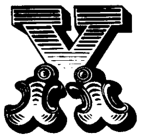
109



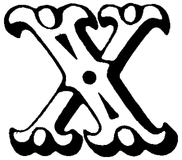
110



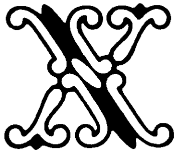
111



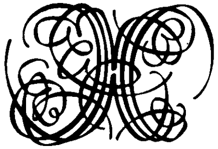
112



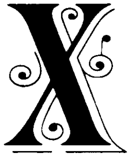
113



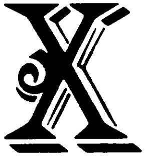
114



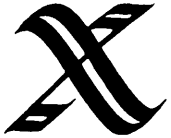
115



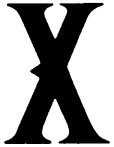
116



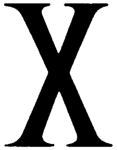
117



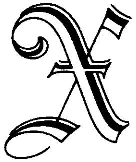
118



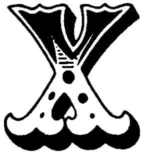
119



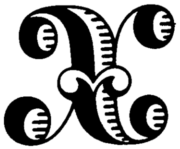
120



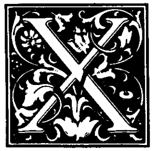
121



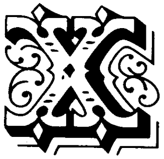
122



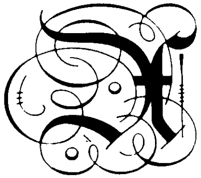
123



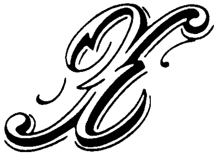
124



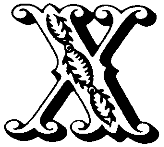
125



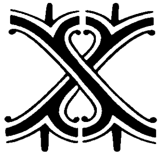
126



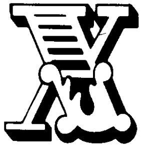
127



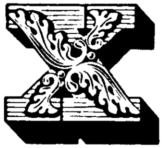
128



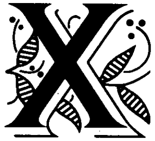
129



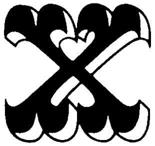
130



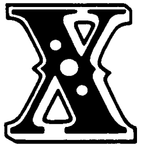
131



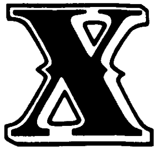
132



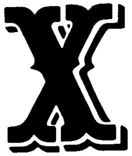
133



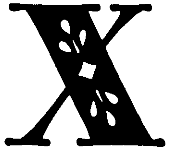
134



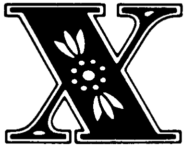
135



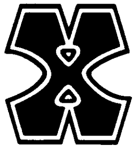
136



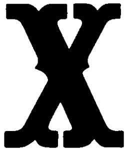
137



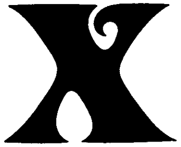
138

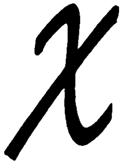


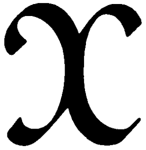
139

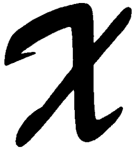


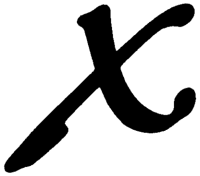
140

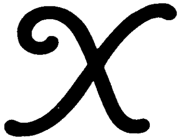


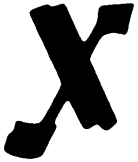
141


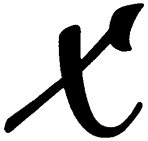
142


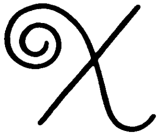
143


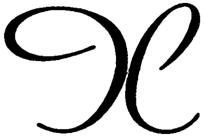
144


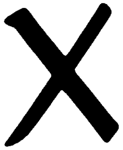
145


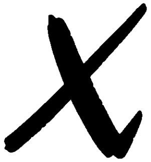
146


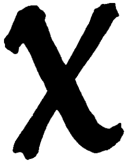
147


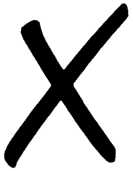
148


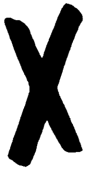
149


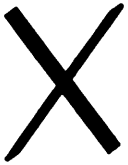
150


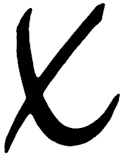
151


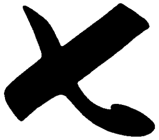
152


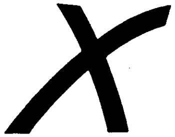
153


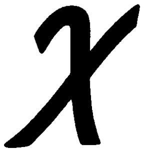
154


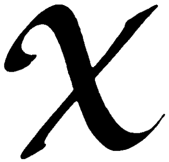
155


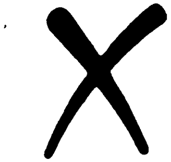
156


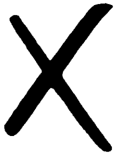
157


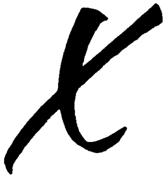
158


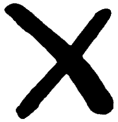
159


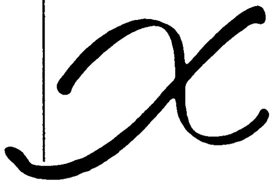
160


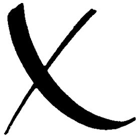
161


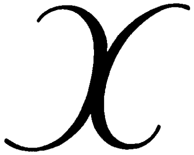
162


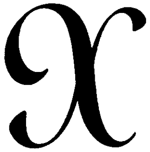
163


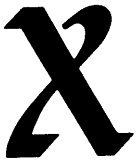
164


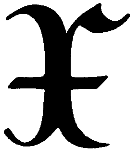
165


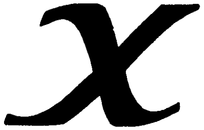
166


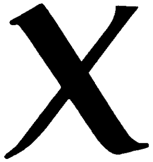
167


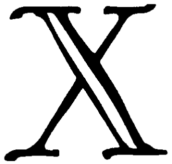
168


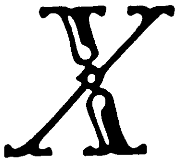
169


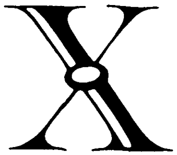
170


171


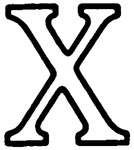
172


173


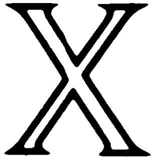
174


175


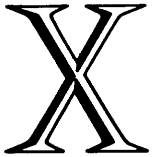
176



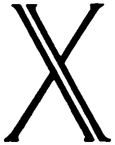
177



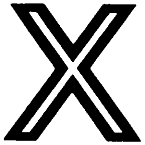
178



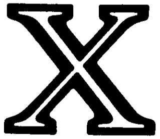
179



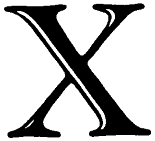
180



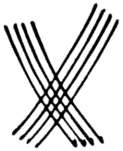
181



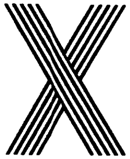
182



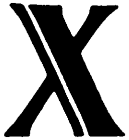
183



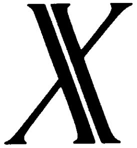
184



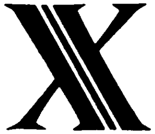
185



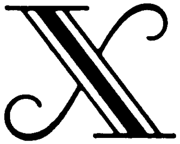
186



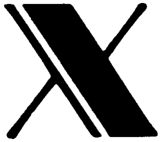
187



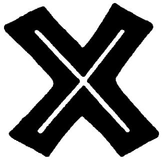
188



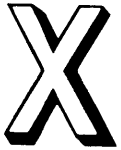
189



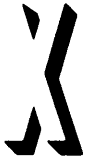
190



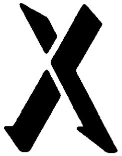
191



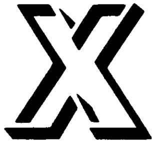
192



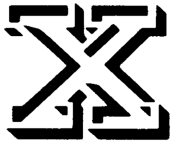
193



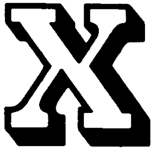
194



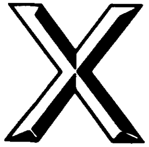
195



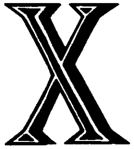
196



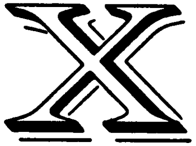
197



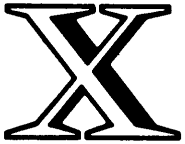
198



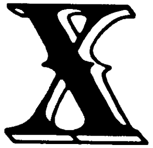
199



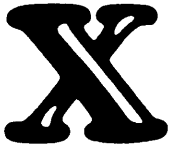
200



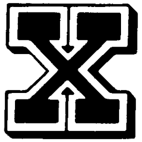
201



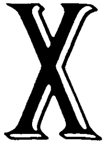
202



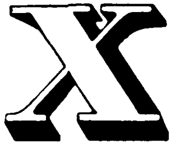
203



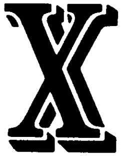
204



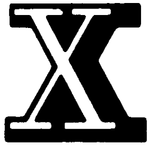
205



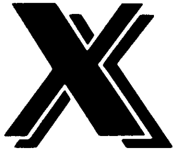
206



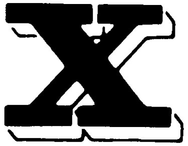
207



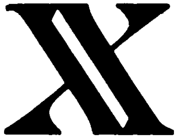
208



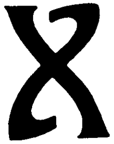
209



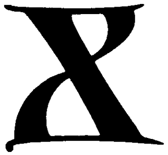
210



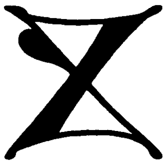
211



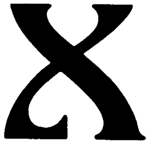
212



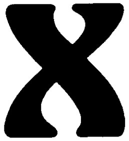
213



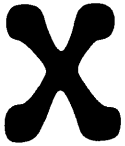
214



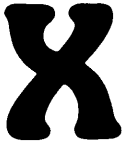
215



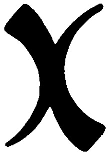
216



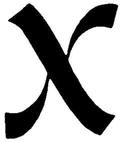
217



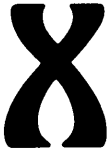
218



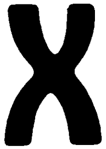
219



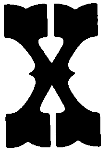
220



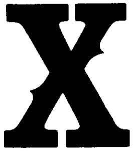
221



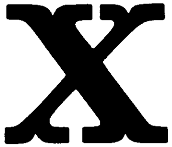
222



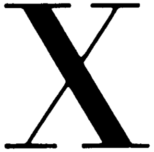
223



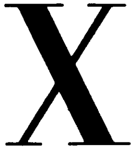
224



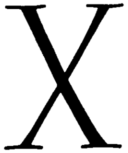
225



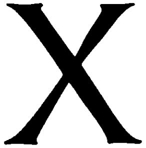
226



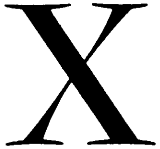
227



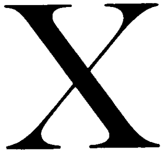
228



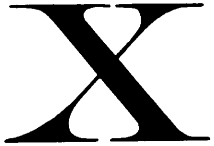
229



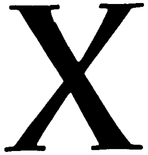
230



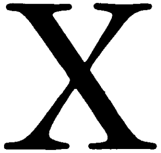
231



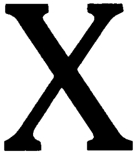
232



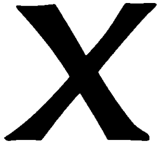
233



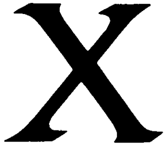
234



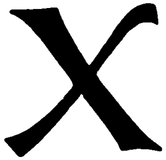
235



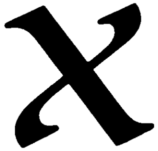
236



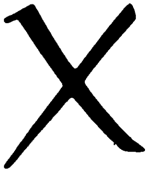
237



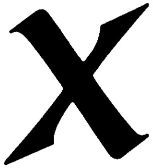
238



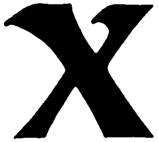
239



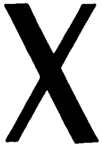
240



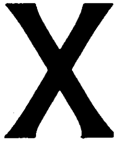
241



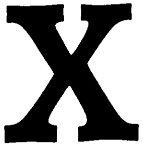
242



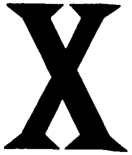
243



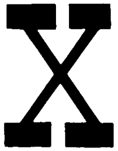
244



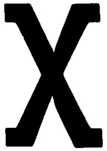
245



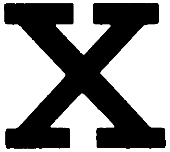
246



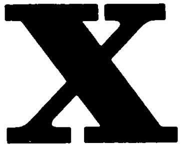
247



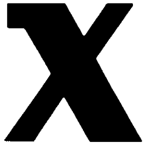
248



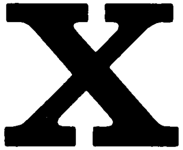
249



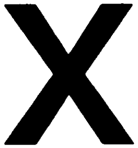
250



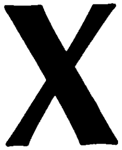
251



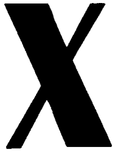
252



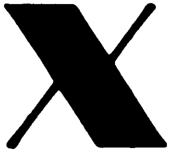
253



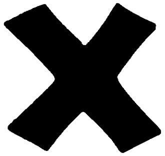
254



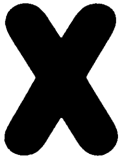
255



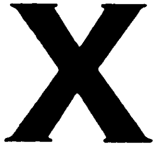
256



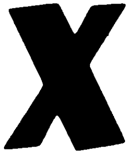
257



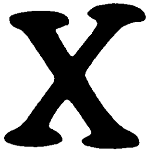
258



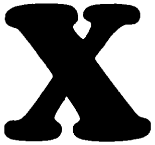
259



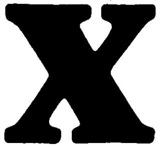
260



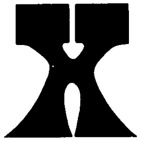
261



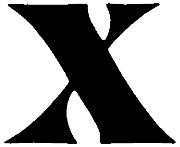
262



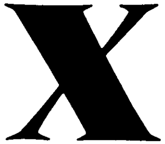
263



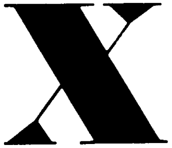
264



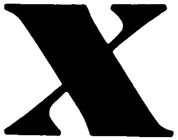
265



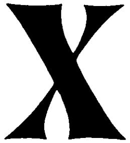
266



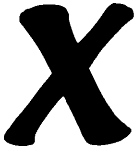
267



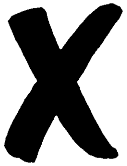
268



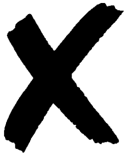
269



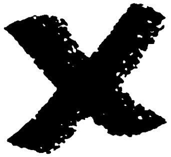
270



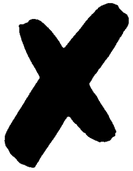
271



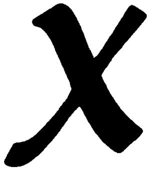
272



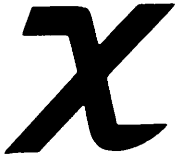
273



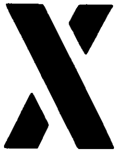
274



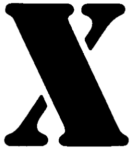
275



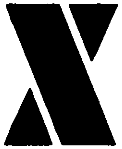
276



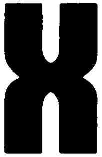
277



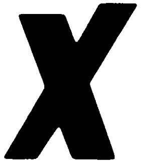
278

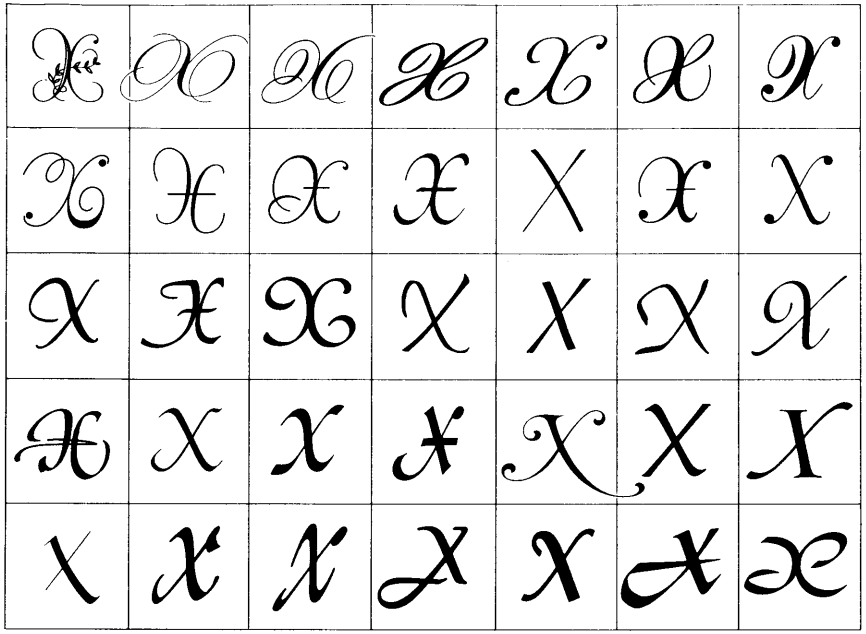


279

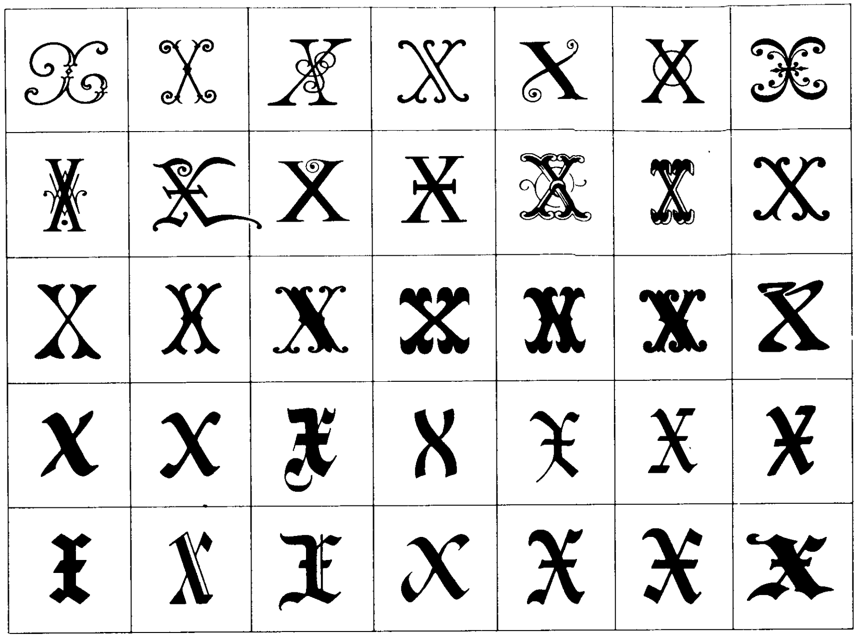


280

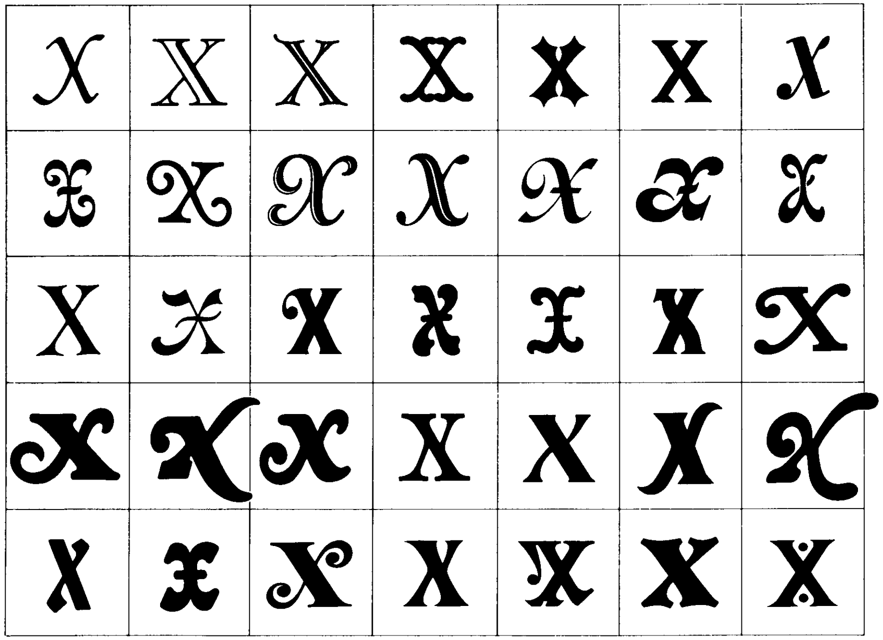




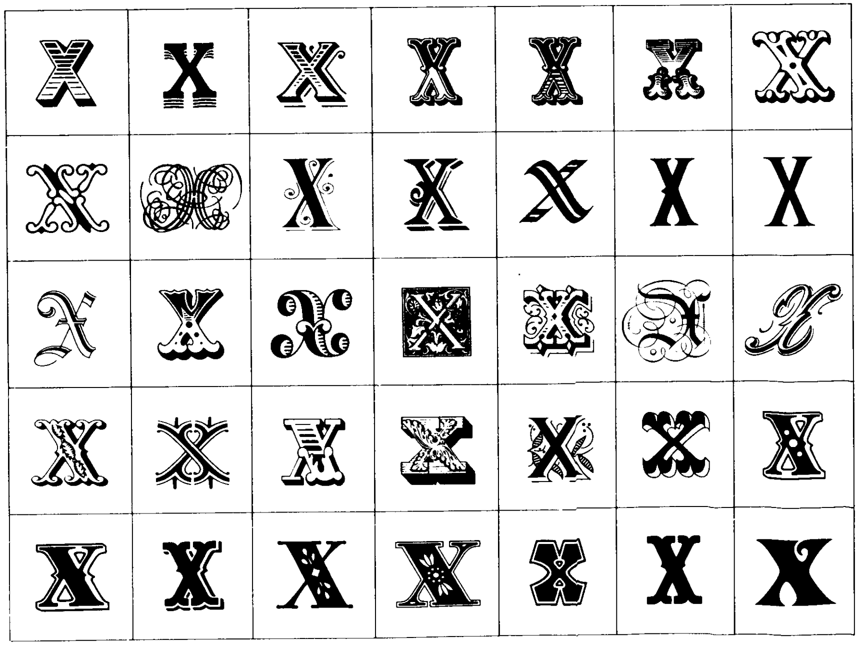
232



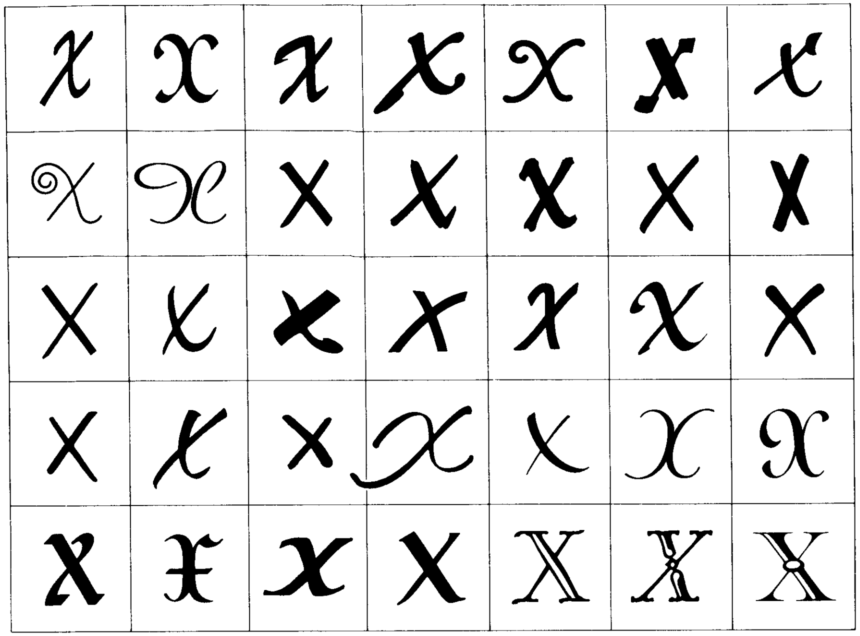
233



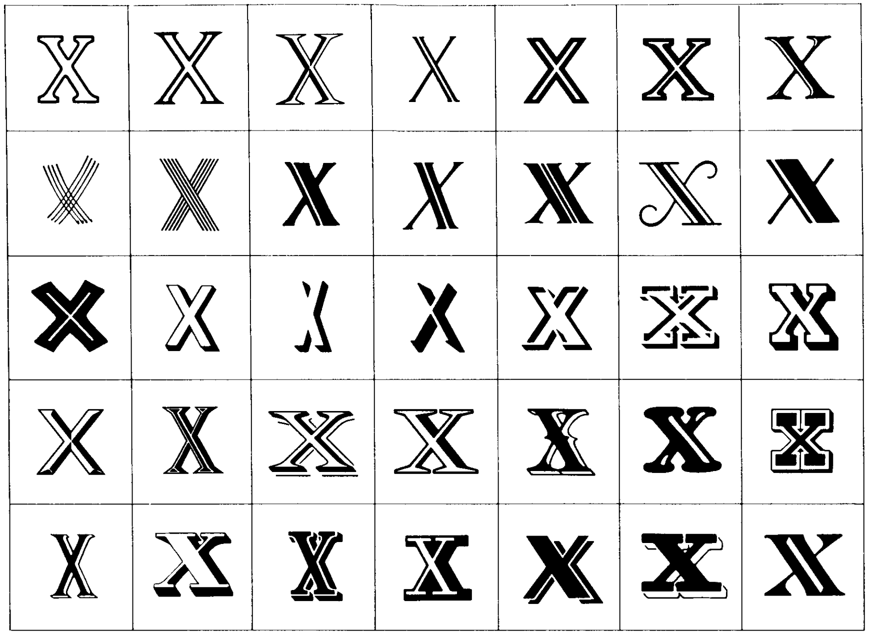
234



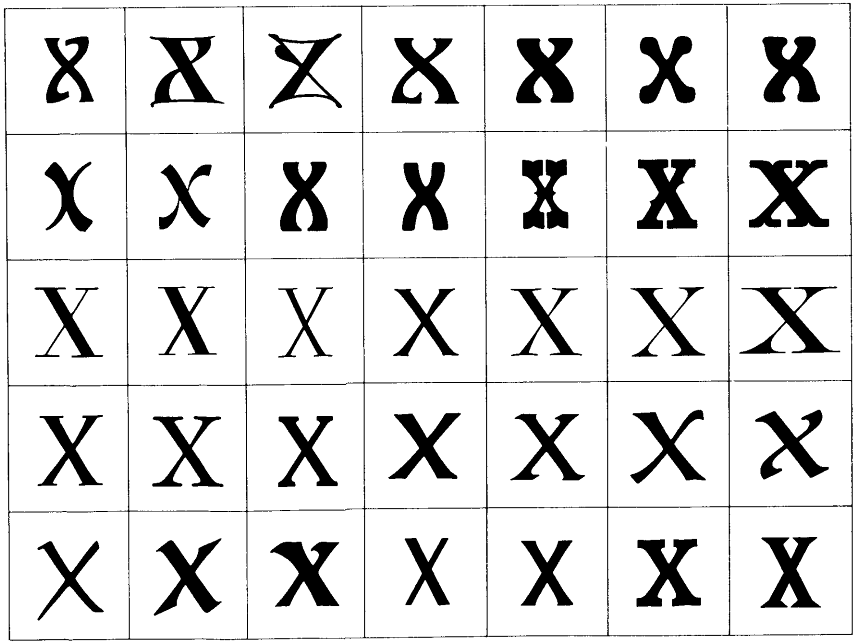
235



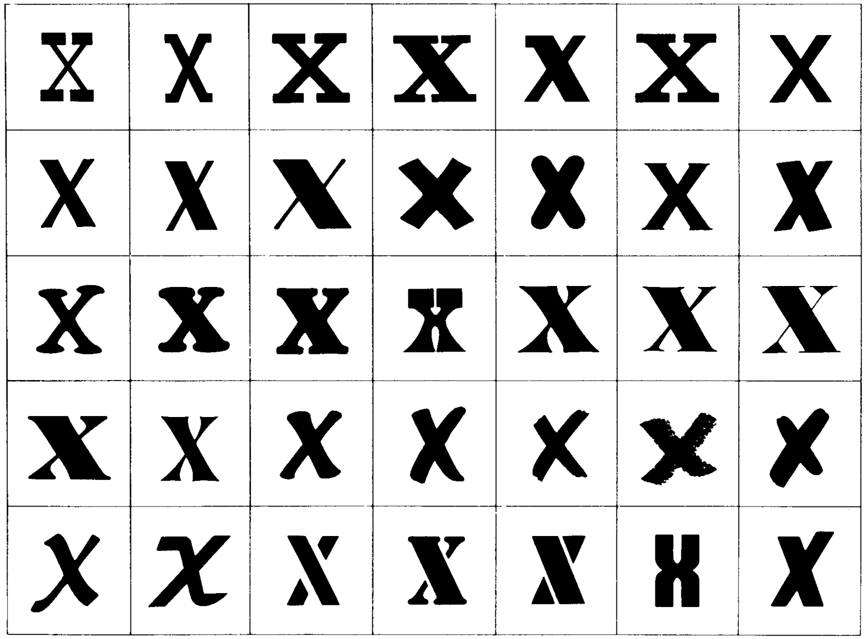
236



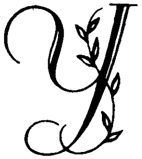
237

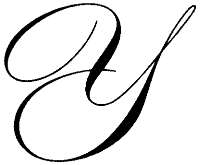


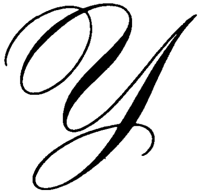
238

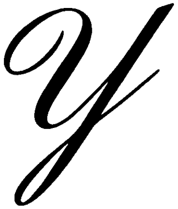


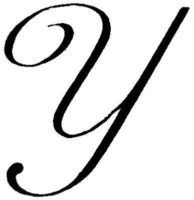
239

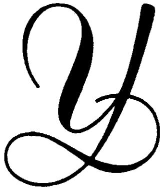

1

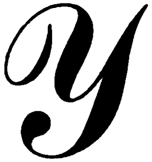

2

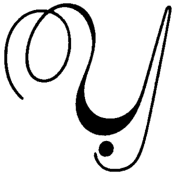

3

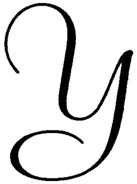

4

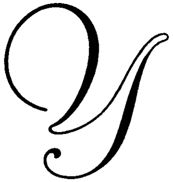

5

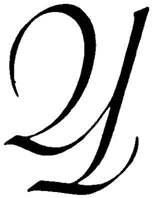

6

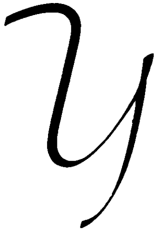

7

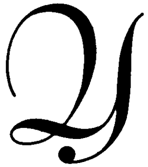

8

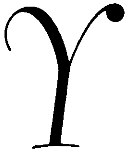

9

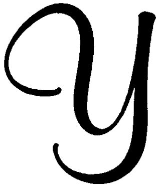

10

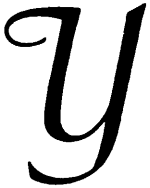

11

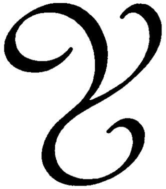

12

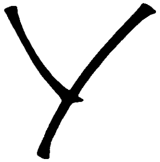

13

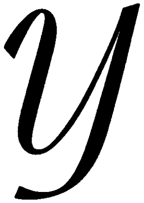

14

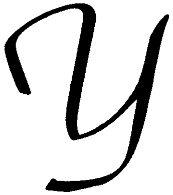

15

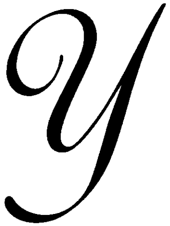

16

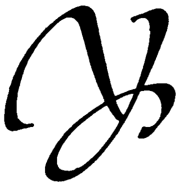

17

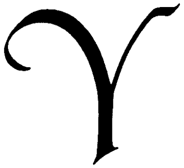

18

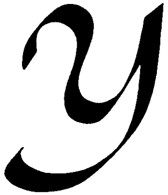

19

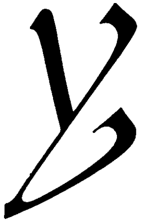

20

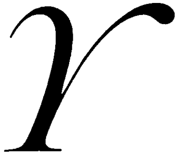

21

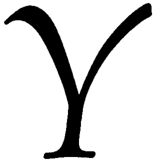

22

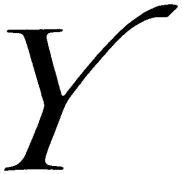

23

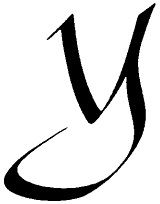

24

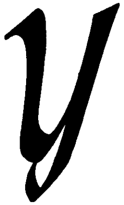

25

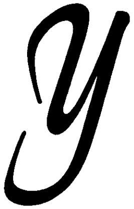

26

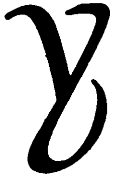

27

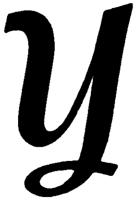

28

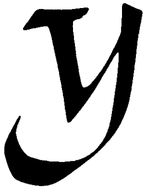

29

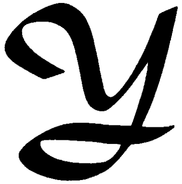

30

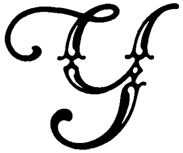

31

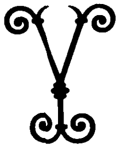

32

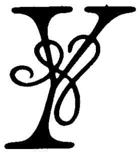

33

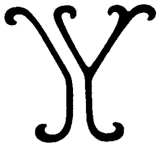

34

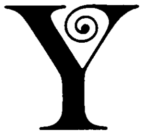

35

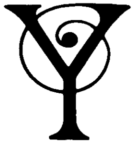
36


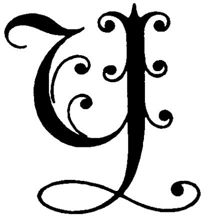
37


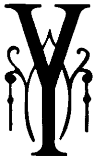
38


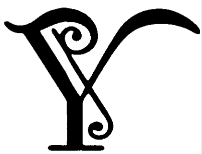
39


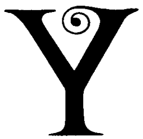
40


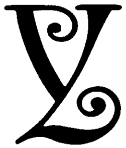
41


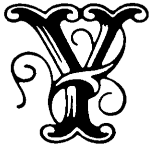
42


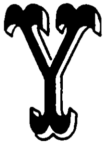
43


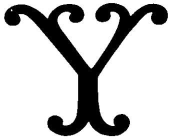
44


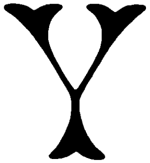
45


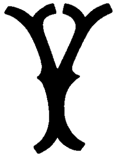
46


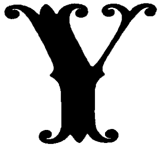
47


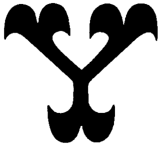
48


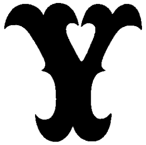
49


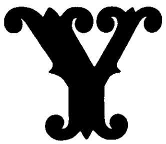
50


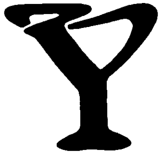
51


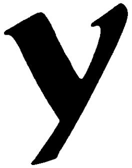
52


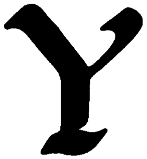
53


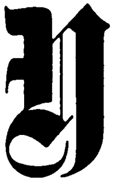
54


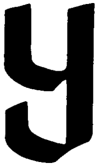
55


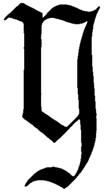
56


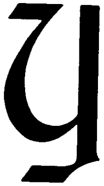
57


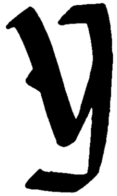
58


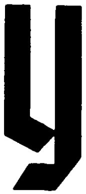
59


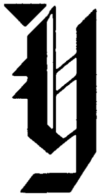
60


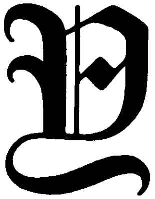
61


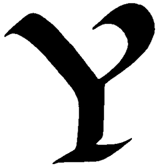
62


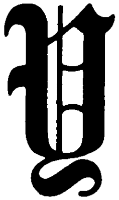
63


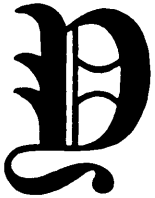
64


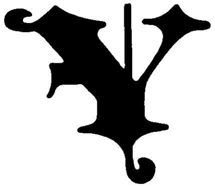
65


66


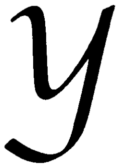
67


68


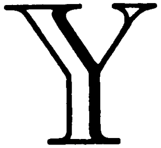
69


70


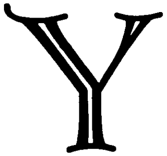
71



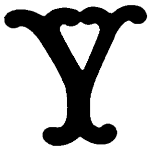
72



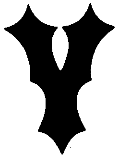
73



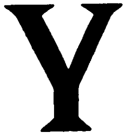
74



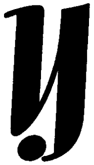
75



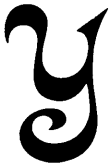
76



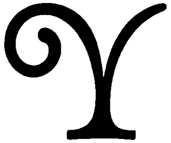
77



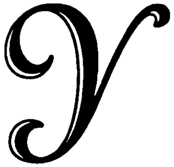
78



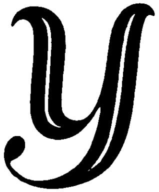
79



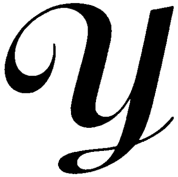
80



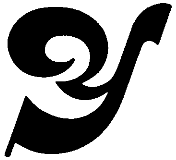
81



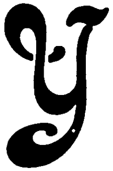
82



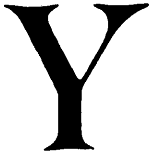
83



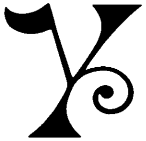
84



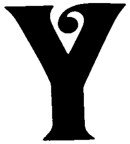
85



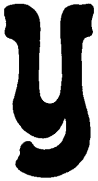
86



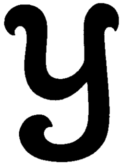
87



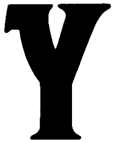
88



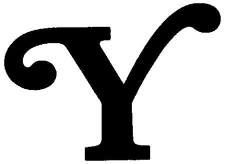
89



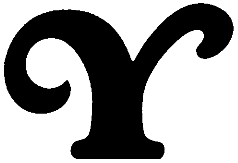
90



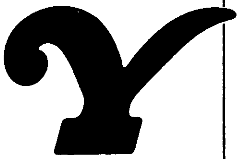
91



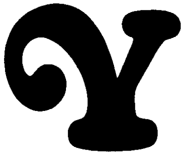
92



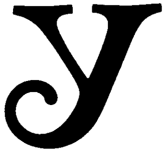
93



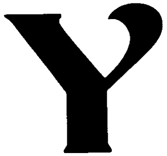
94



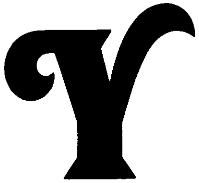
95



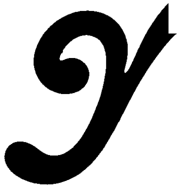
96



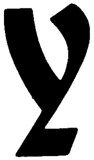
97



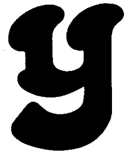
98



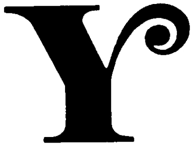
99



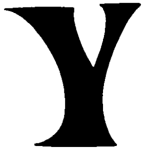
100



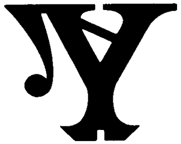
101



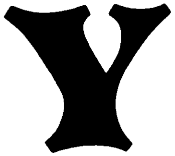
102



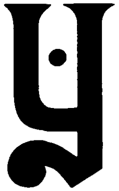
103

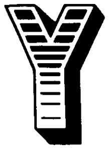


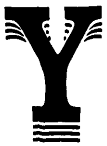
104

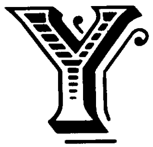


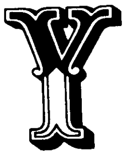
105

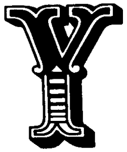


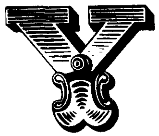
106


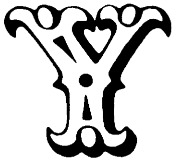
107


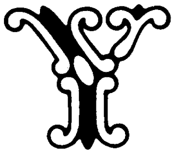
108


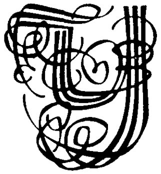
109


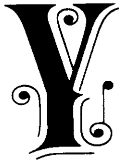
110


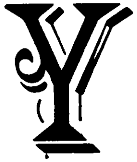
111


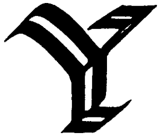
112


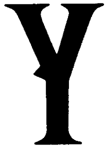
113


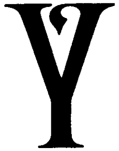
114


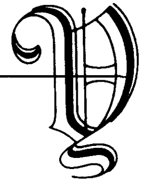
115


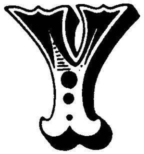
116


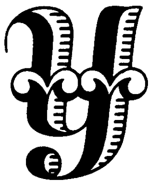
117


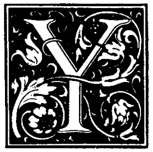
118


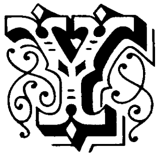
119


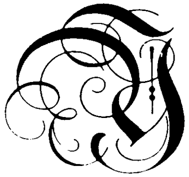
120


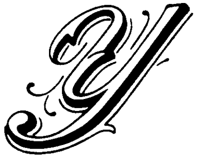
121


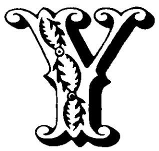
122


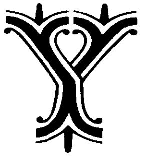
123


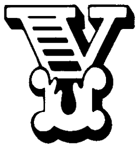
124


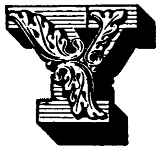
125


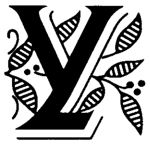
126


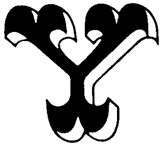
127


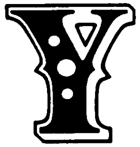
128


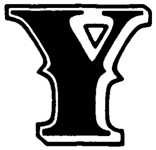
129


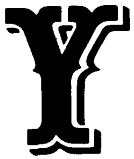
130


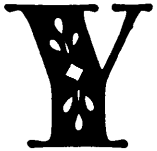
131


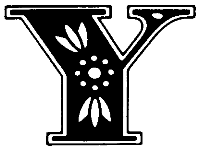
132


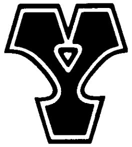
133


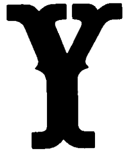
134


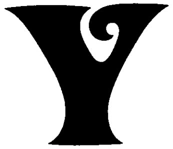
135


136


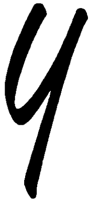
137


138


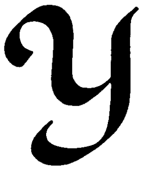
139


140


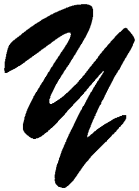
141



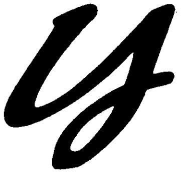
142



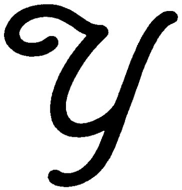
143



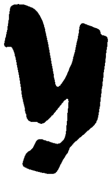
144



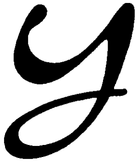
145



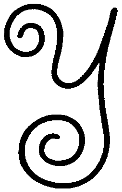
146



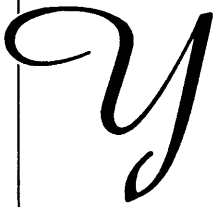
147



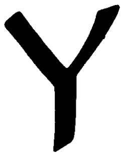
148



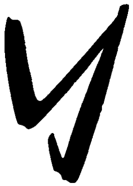
149



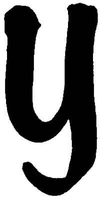
150



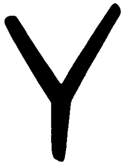
151



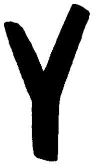
152



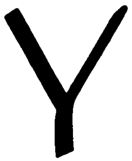
153



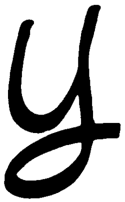
154



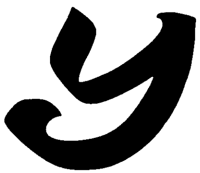
155



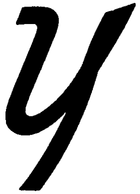
156



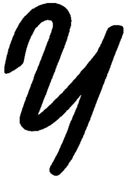
157



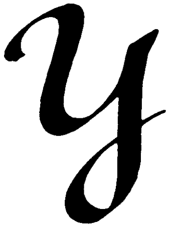
158



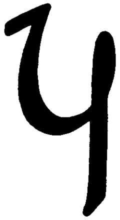
159



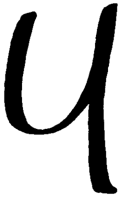
160



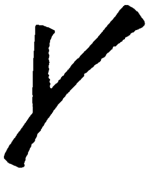
161



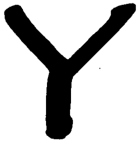
162



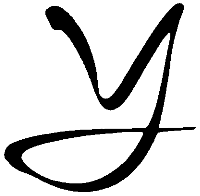
163



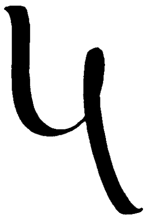
164



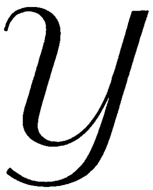
165



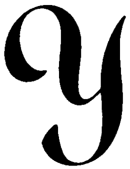
166



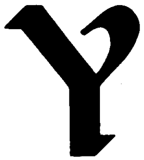
167



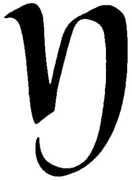
168



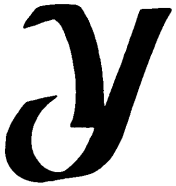
169



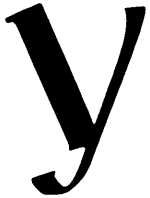
170



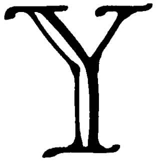
171



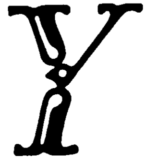
172



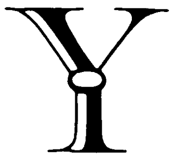
173



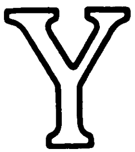
174



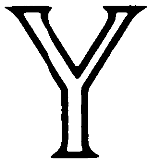
175



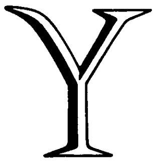
176



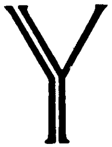
177



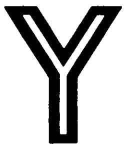
178



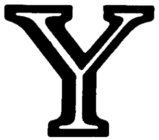
179



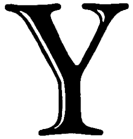
180



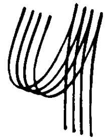
181



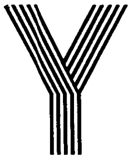
182



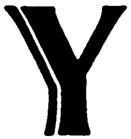
183



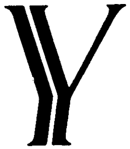
184



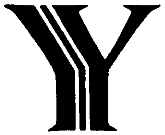
185



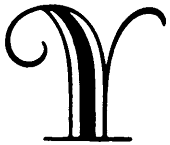
186



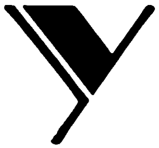
187



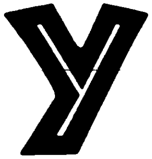
188



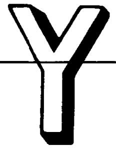
189



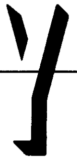
190



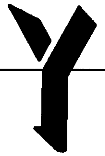
191



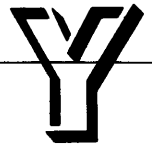
192



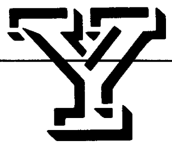
193



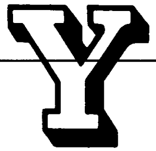
194



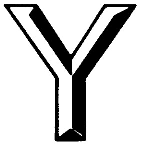
195



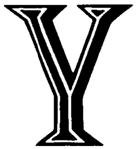
196



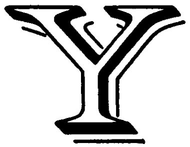
197



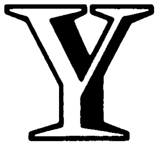
198



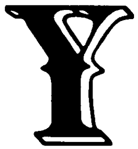
199



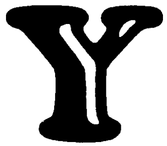
200



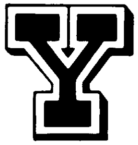
201



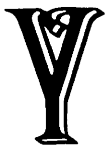
202



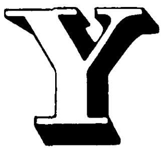
203



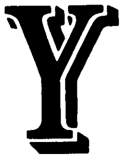
204



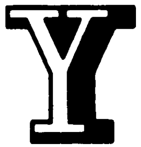
205



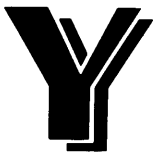
206



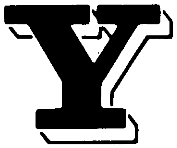
207



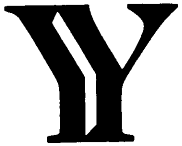
208



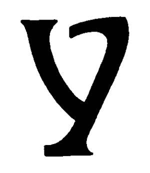
209



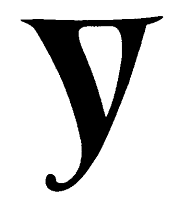
210



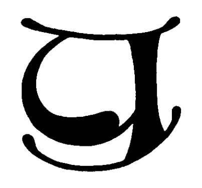
211



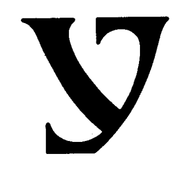
212



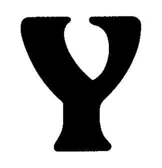
213



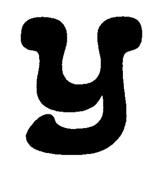
214



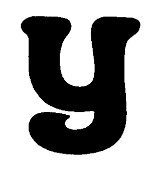
215



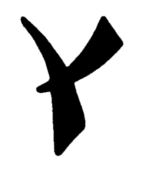
216



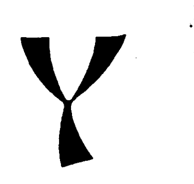
217



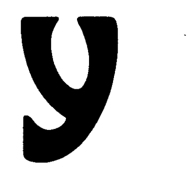
218



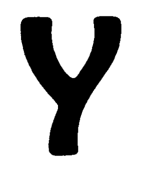
219



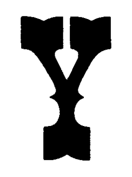
220



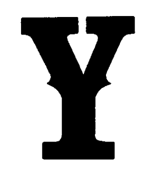
221



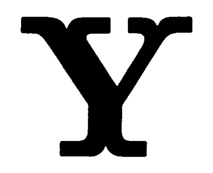
222



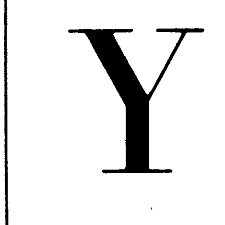
223



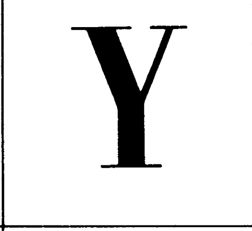
224



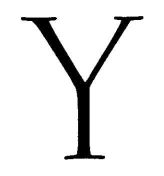
225



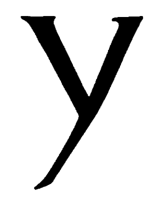
226



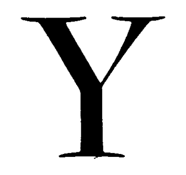
227



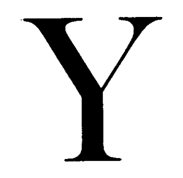
228



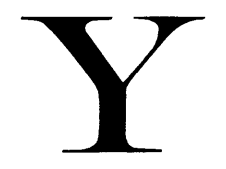
229



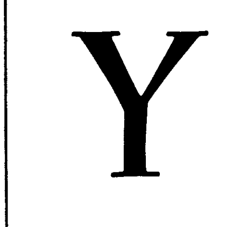
230



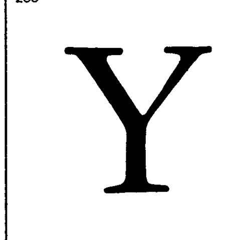
231



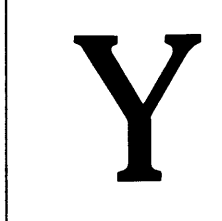
232



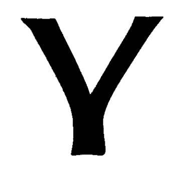
233



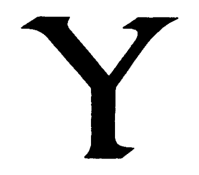
234



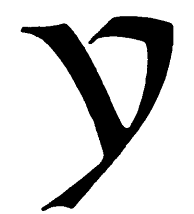
235



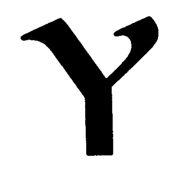
236



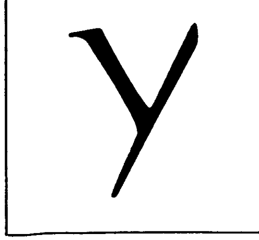
237



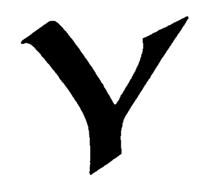
238



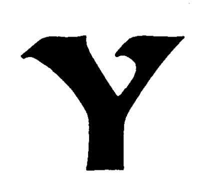
239



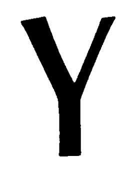
240



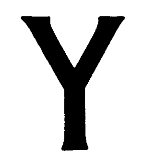
241



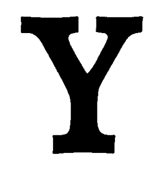
242



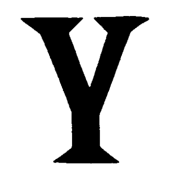
243



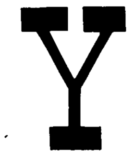
244



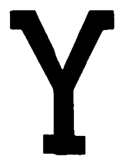
245



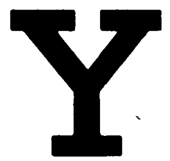
246



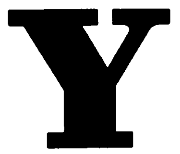
247



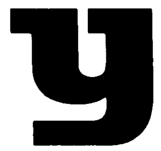
248



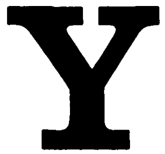
249



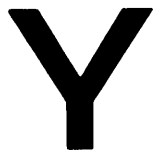
250



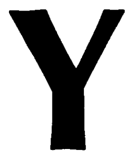
251



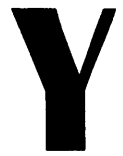
252



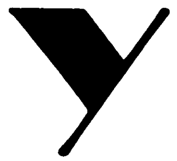
253



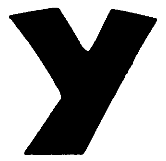
254



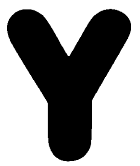
255



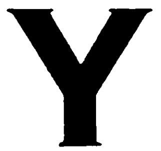
256



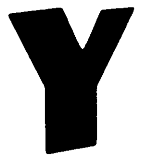
257



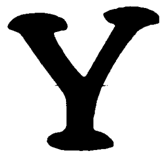
258



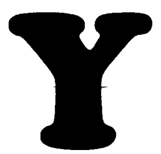
259



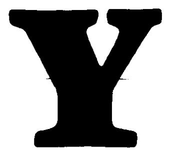
260



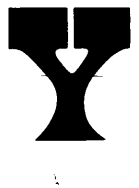
261



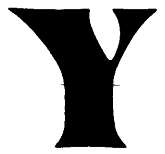
262



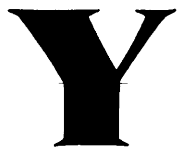
263



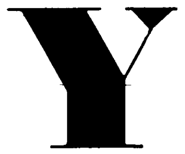
264



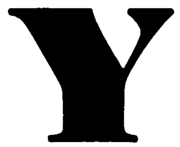
265



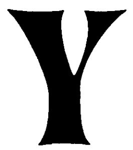
266



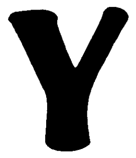
267



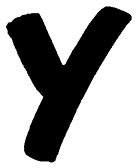
268



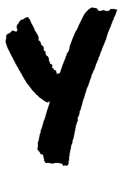
269



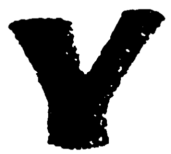
270



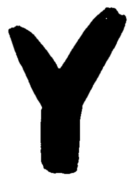
271



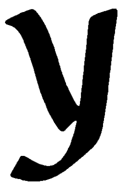
272



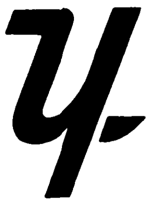
273



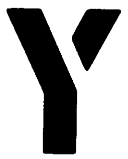
274



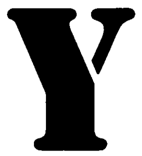
275



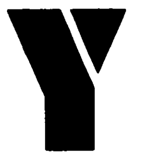
276



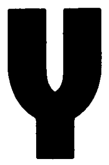
277



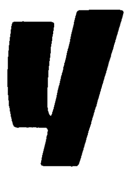
278

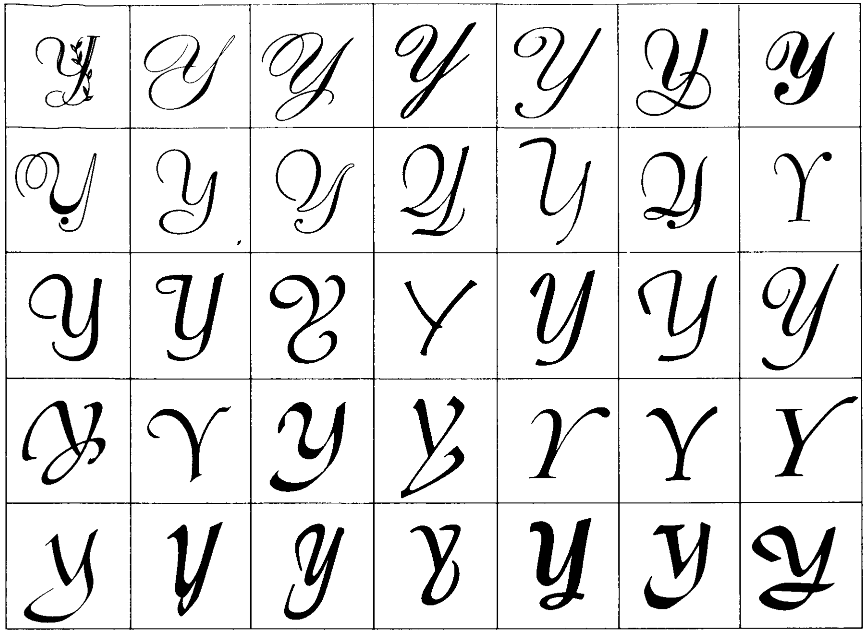


279

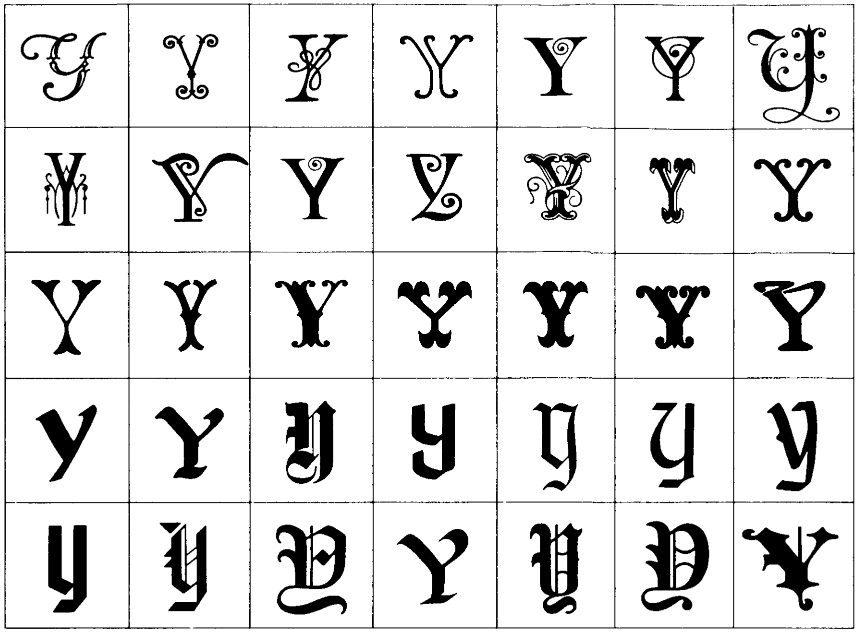


280

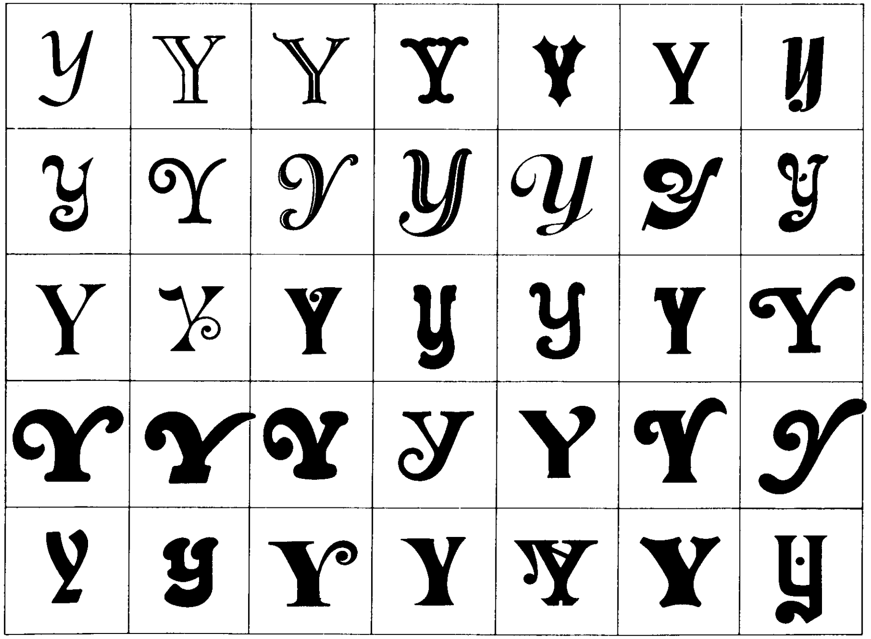




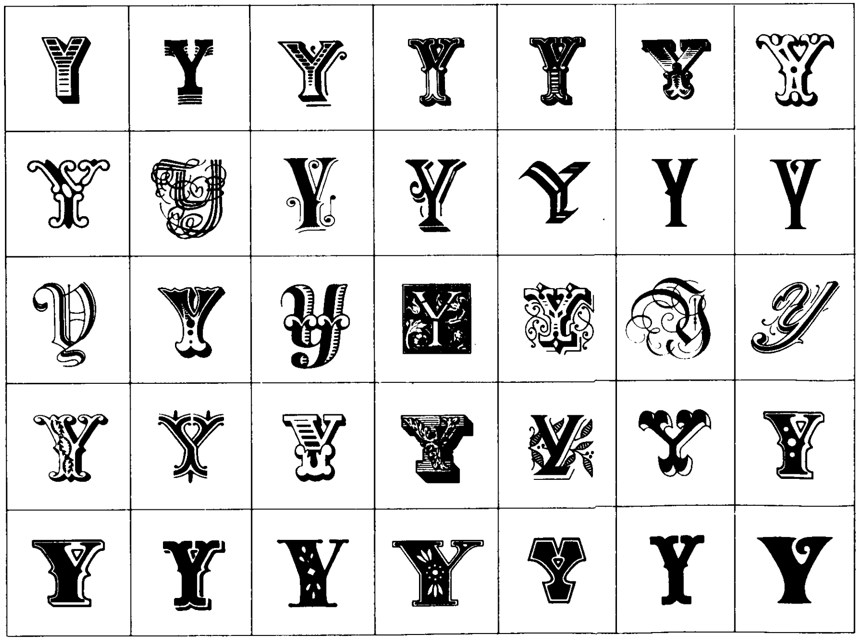
242



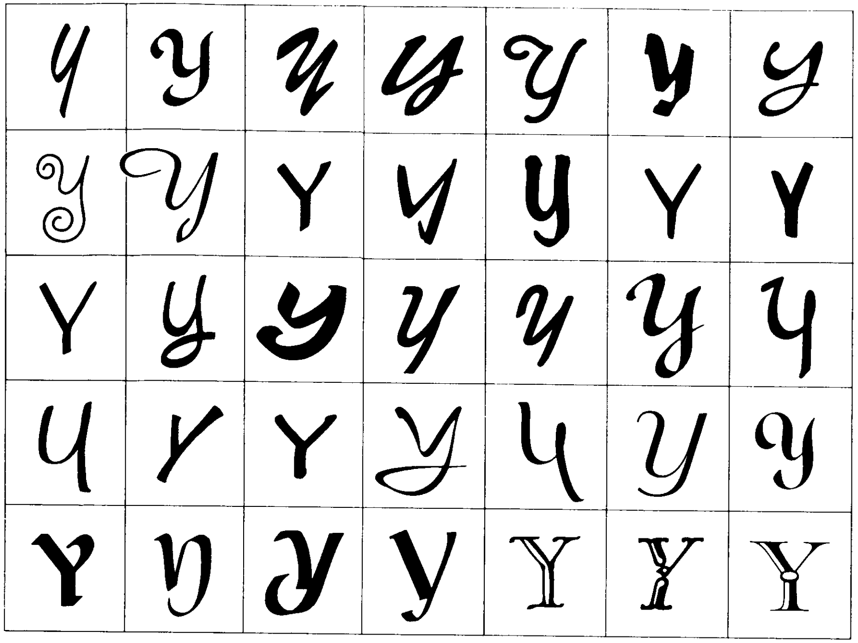
243

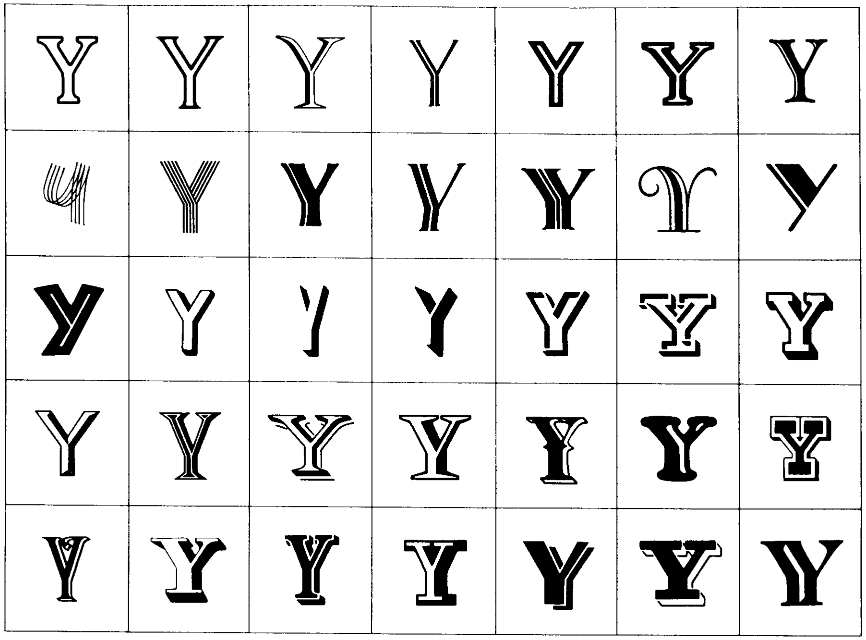


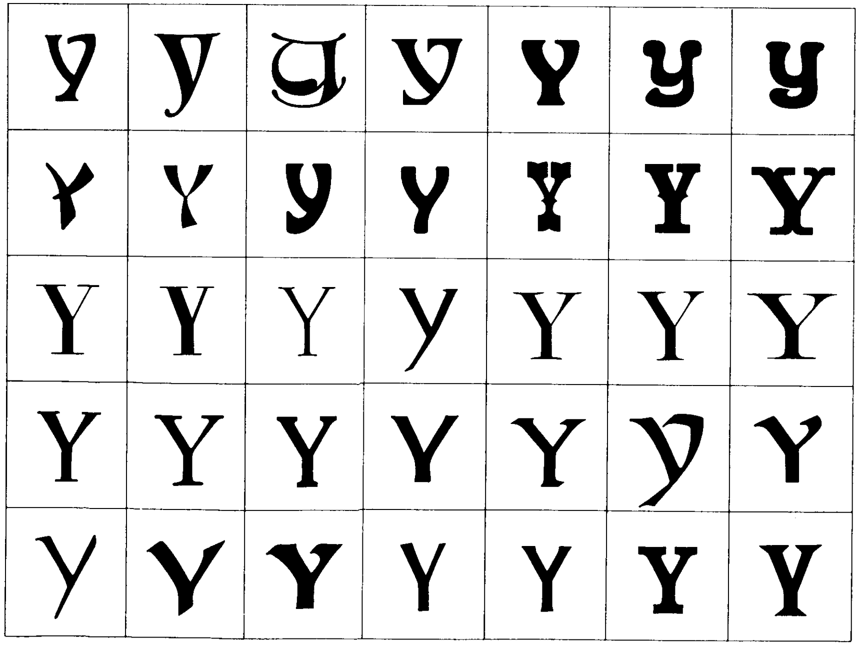
244

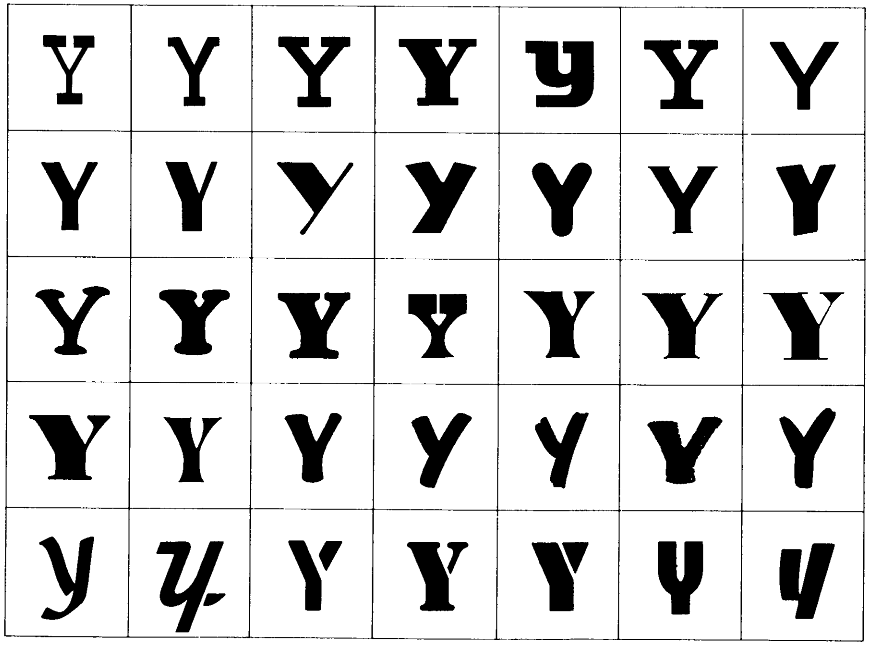


245

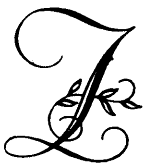

246


247

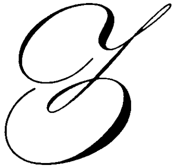

248


249

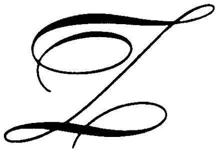
1



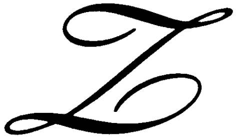
2



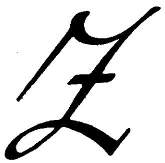
3



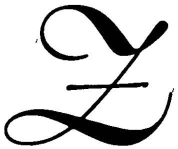
4



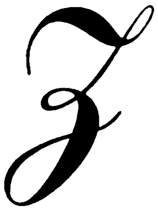
5



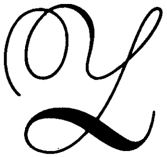
6



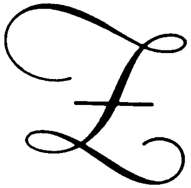
7



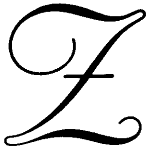
8



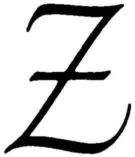
9



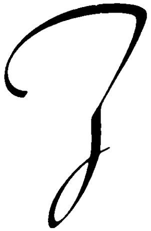
10



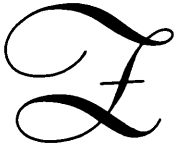
11



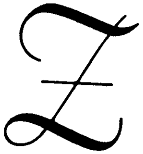
12



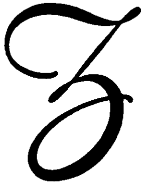
13



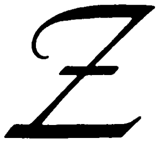
14



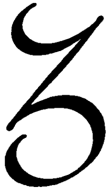
15



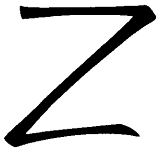
16



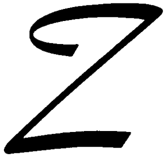
17



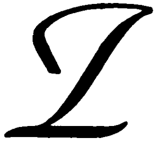
18



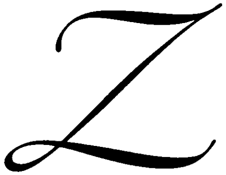
19



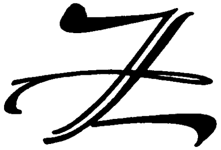
20



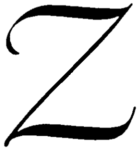
21



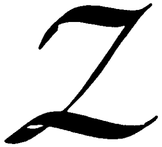
22



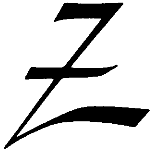
23



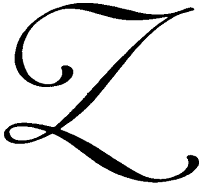
24



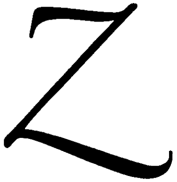
25



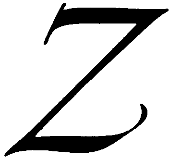
26



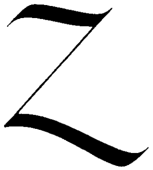
27



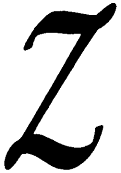
28



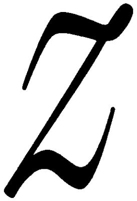
29



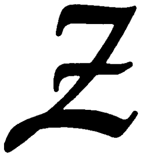
30



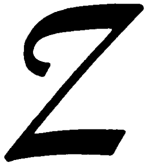
31



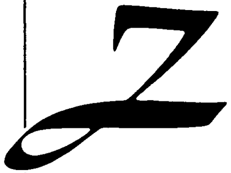
32



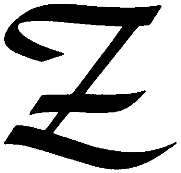
33



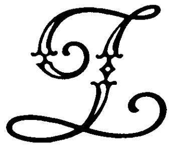
34



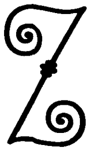
35



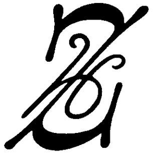
36



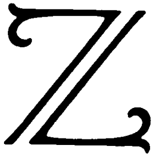
37



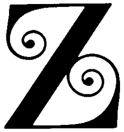
38



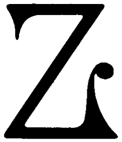
39



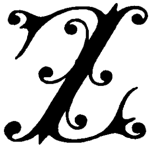
40



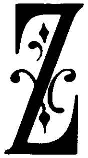
41



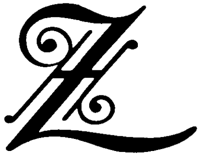
42



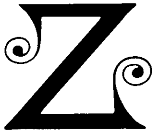
43



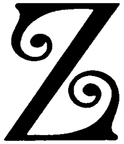
44



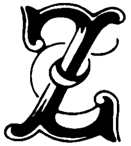
45



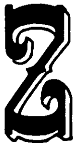
46



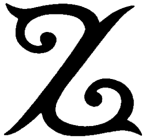
47



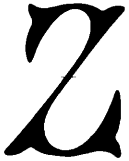
48



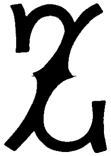
49



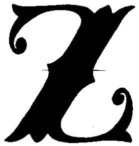
50



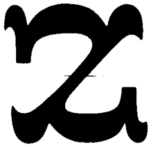
51



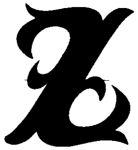
52



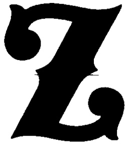
53



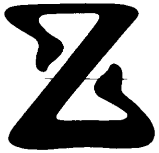
54



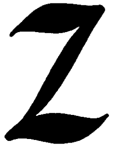
55



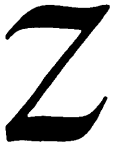
56



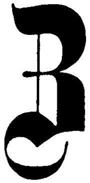
57



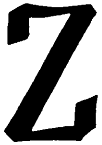
58



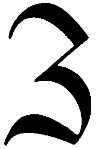
59



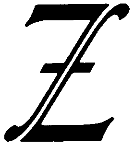
60



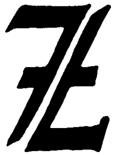
61



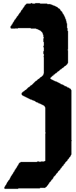
62



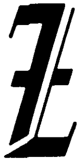
63



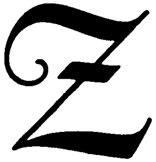
64



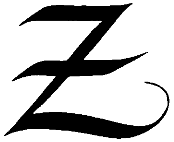
65



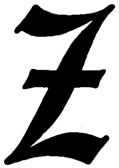
66



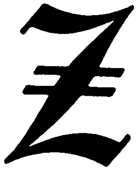
67



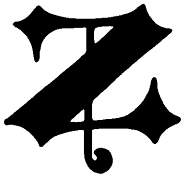
68



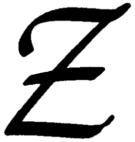
69



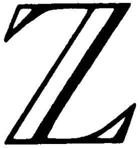
70



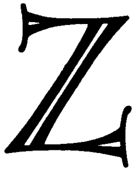
71



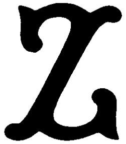
72



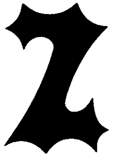
73



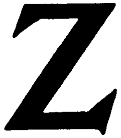
74



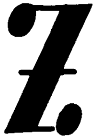
75



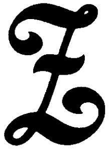
76



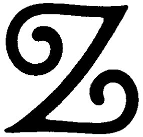
77



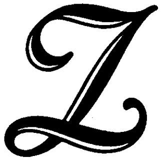
78



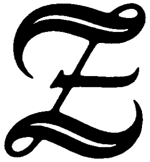
79



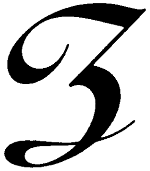
80



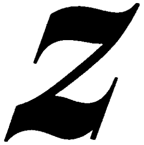
81



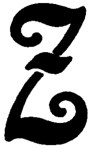
82



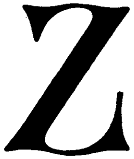
83



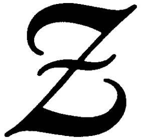
84



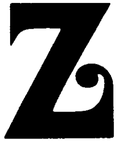
85



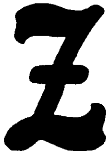
86



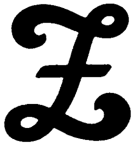
87



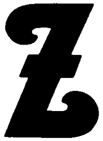
88



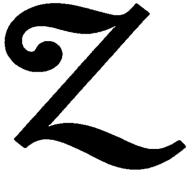
89



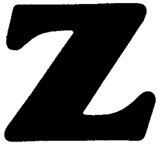
90



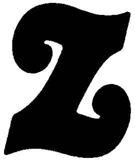
91



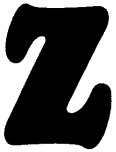
92



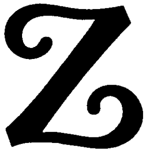
93



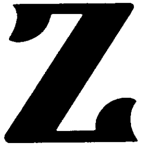
94



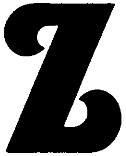
95



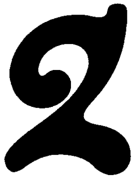
96



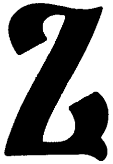
97



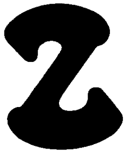
98



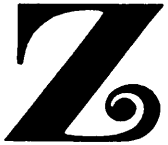
99



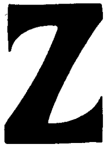
100



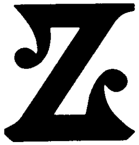
101



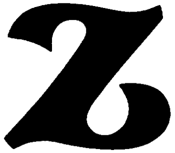
102



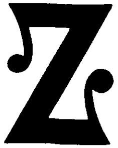
103



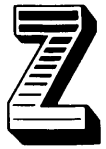
104



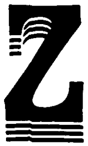
105



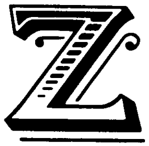
106



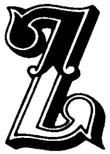
107



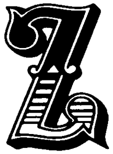
108



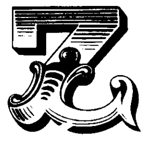
109



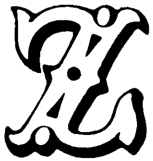
110



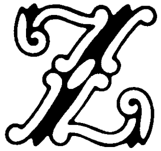
111



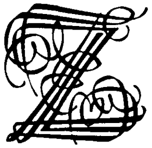
112



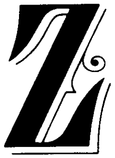
113



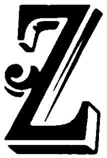
114



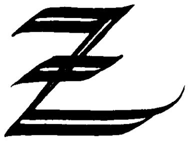
115



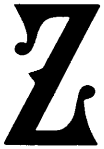
116



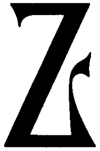
117



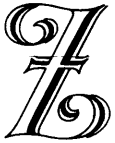
118



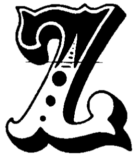
119



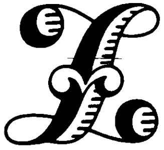
120



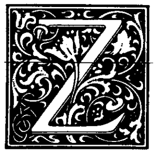
121



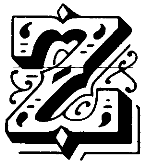
122



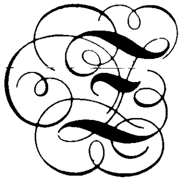
123



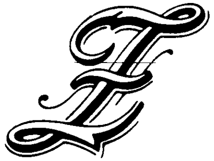
124



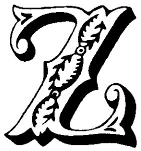
125



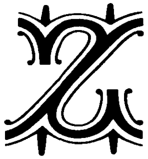
126



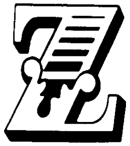
127



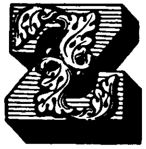
128



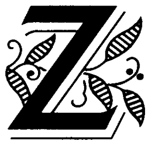
129



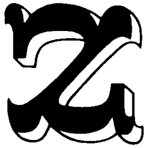
130



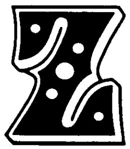
131



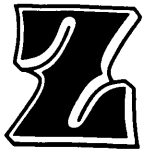
132



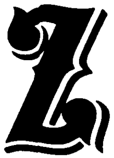
133



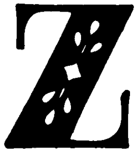
134



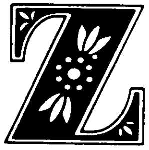
135



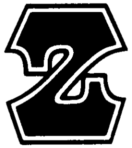
136



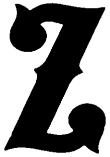
137



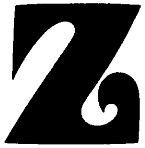
138



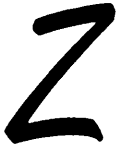
139



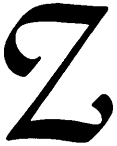
140



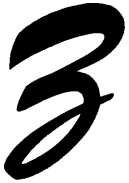
141



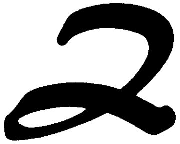
142



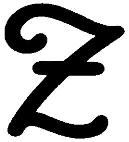
143



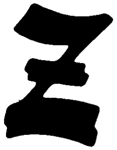
144



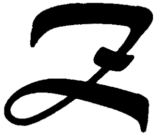
145



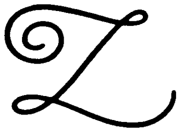
146



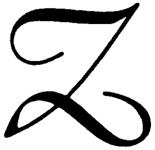
147



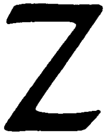
148



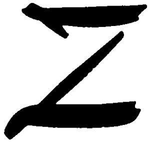
149



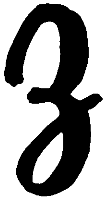
150



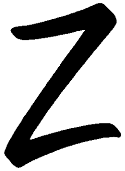
151



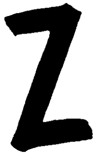
152



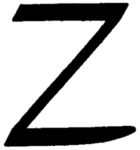
153



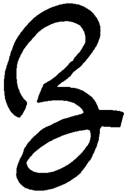
154



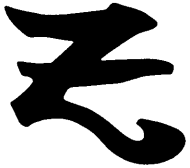
155



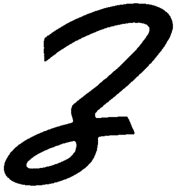
156



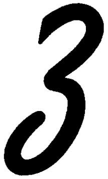
157



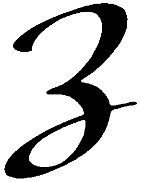
158



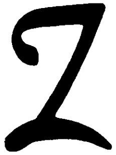
159



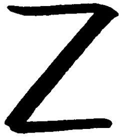
160



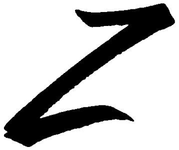
161



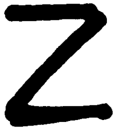
162



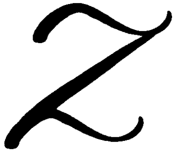
163



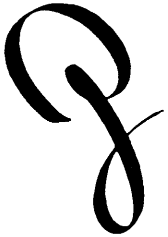
164



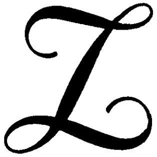
165



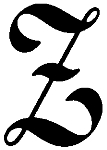
166



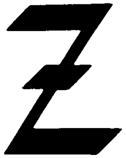
167



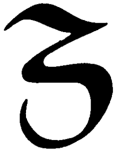
168



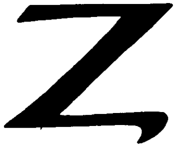
169



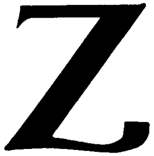
170



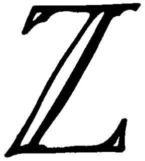
171



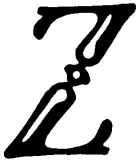
172



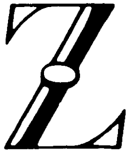
173



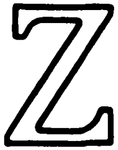
174



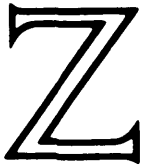
175



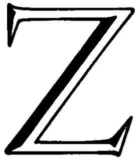
176



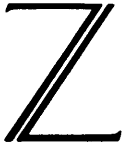
177



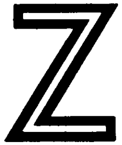
178



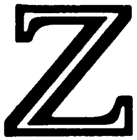
179



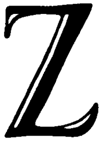
180



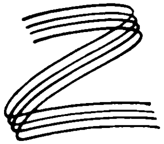
181



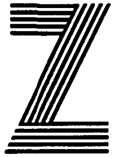
182



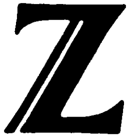
183



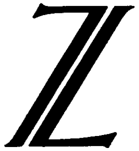
184



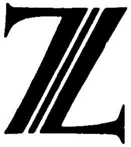
185



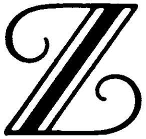
186



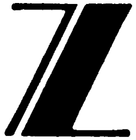
187



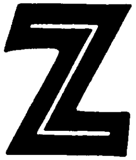
188



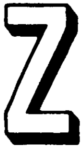
189



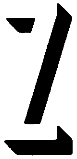
190



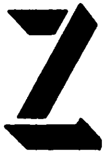
191



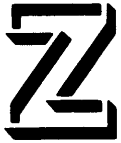
192



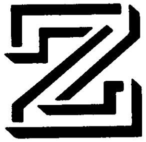
193



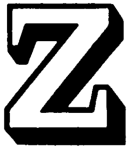
194



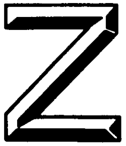
195



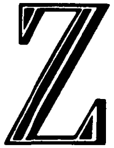
196



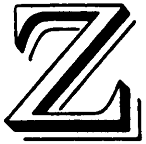
197



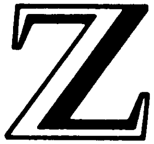
198



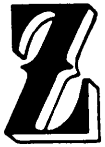
199



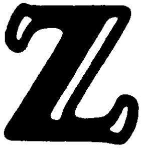
200



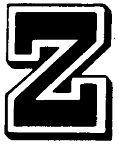
201



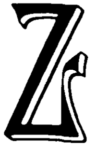
202



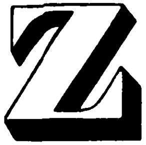
203



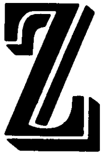
204



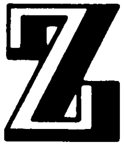
205



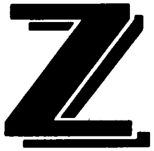
206



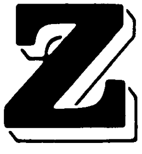
207



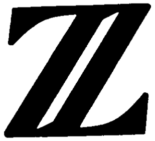
208

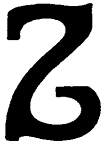
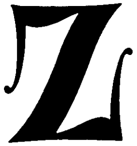
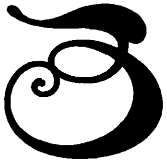
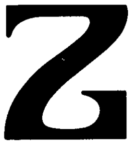
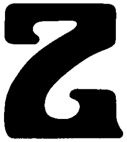
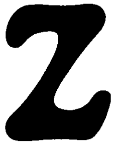
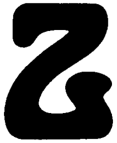
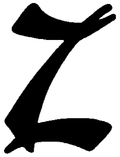
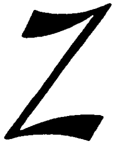
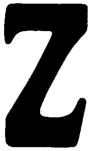
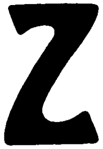
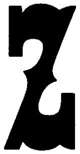
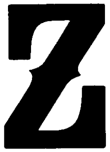
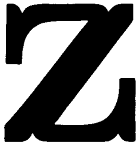
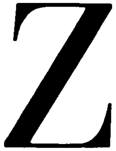
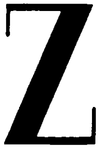
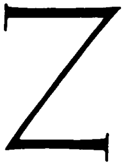
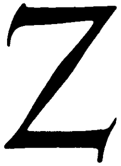
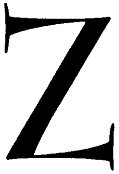
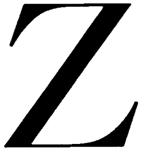
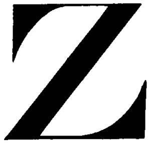
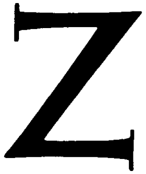
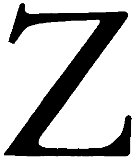
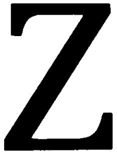
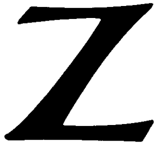
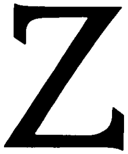
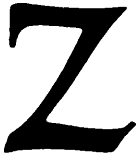
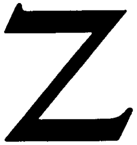
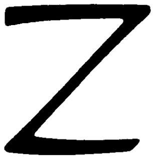
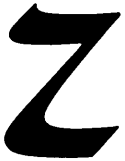
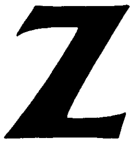
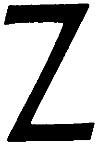
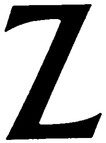
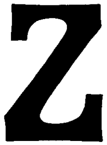
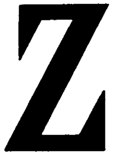


209

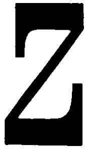


210

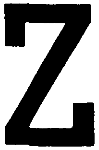


211

212

213

214

215

216

217

218

219

220

221

222

223

224

225

226

227

228

229

230

231

232

233

234

235

236

237

238

239

240

241

242

243

244

245


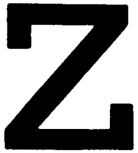
246



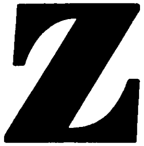
247



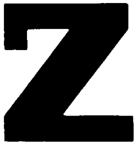
248



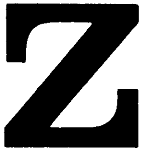
249



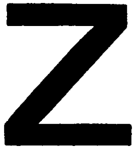
250



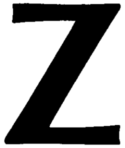
251



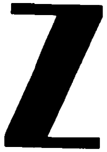
252



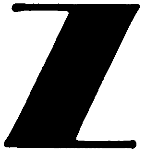
253



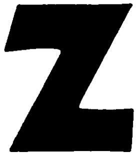
254



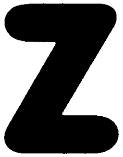
255



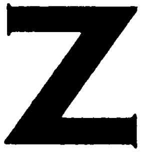
256



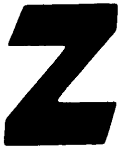
257



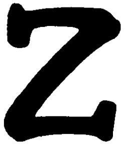
258



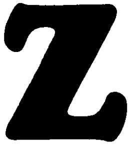
259



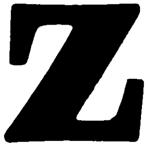
260



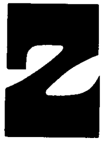
261



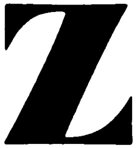
262



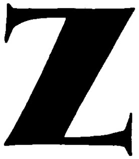
263



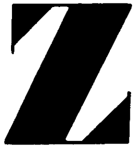
264



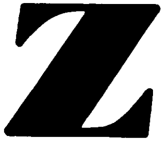
265



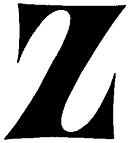
266



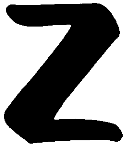
267



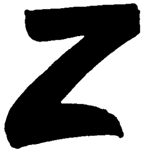
268



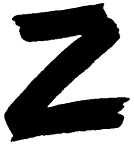
269



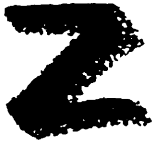
270



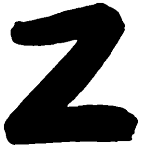
271



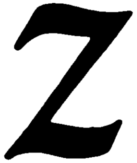
272



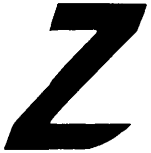
273



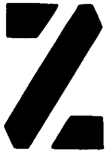
274



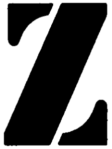
275



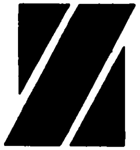
276



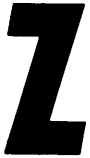
277



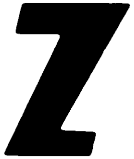
278

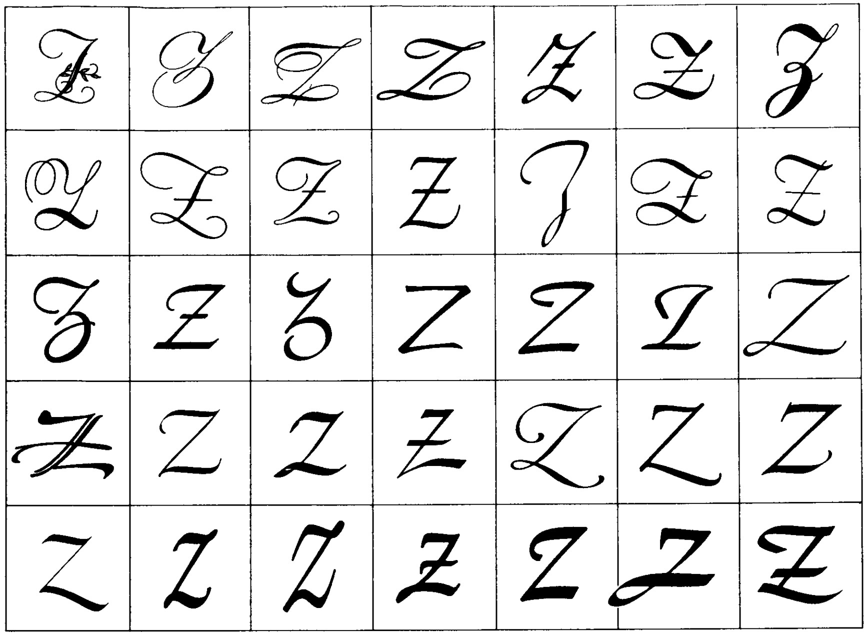


279

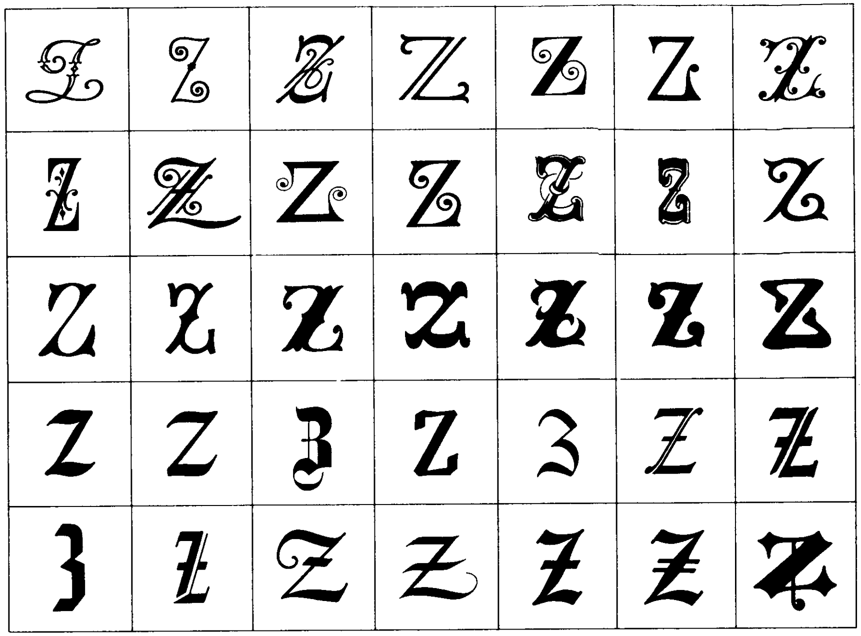


280

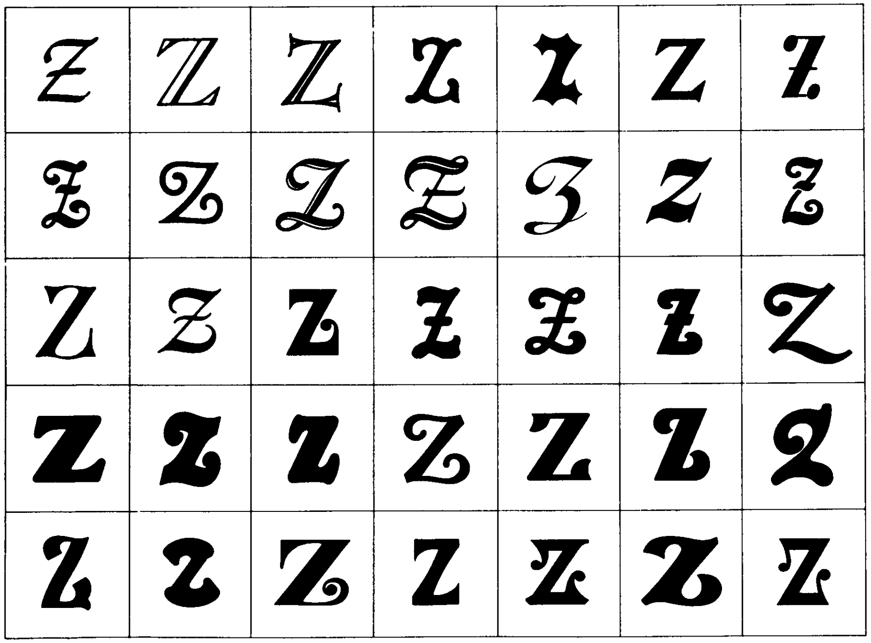




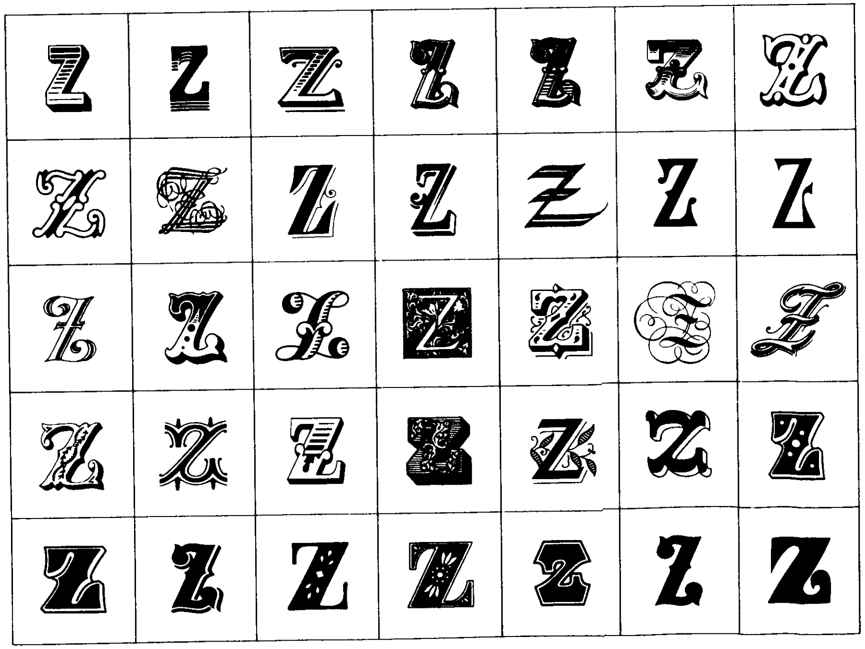
252



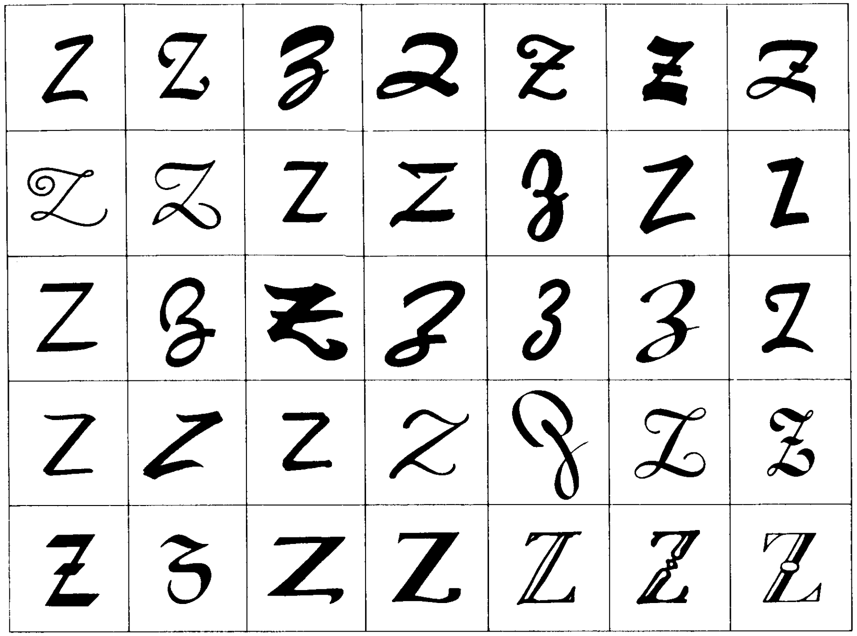
253



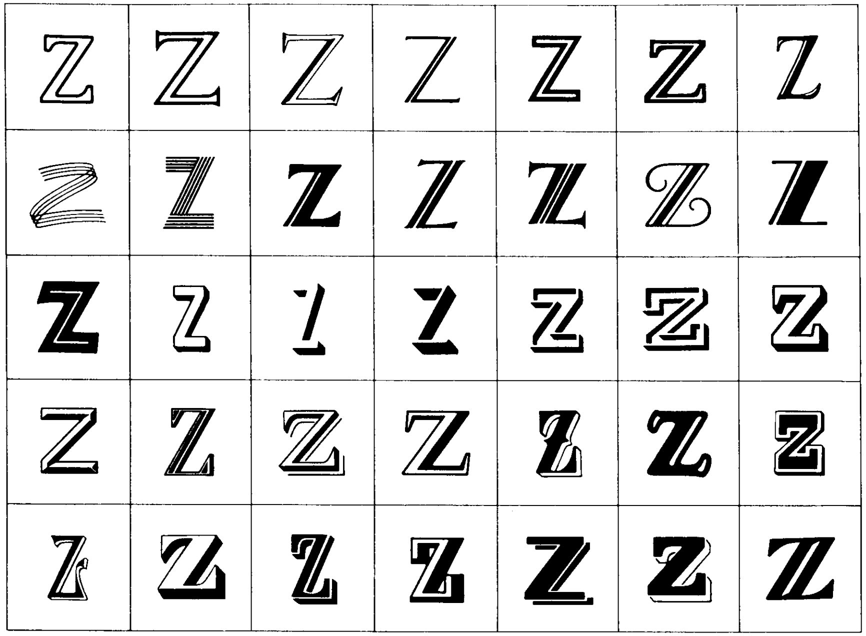
254



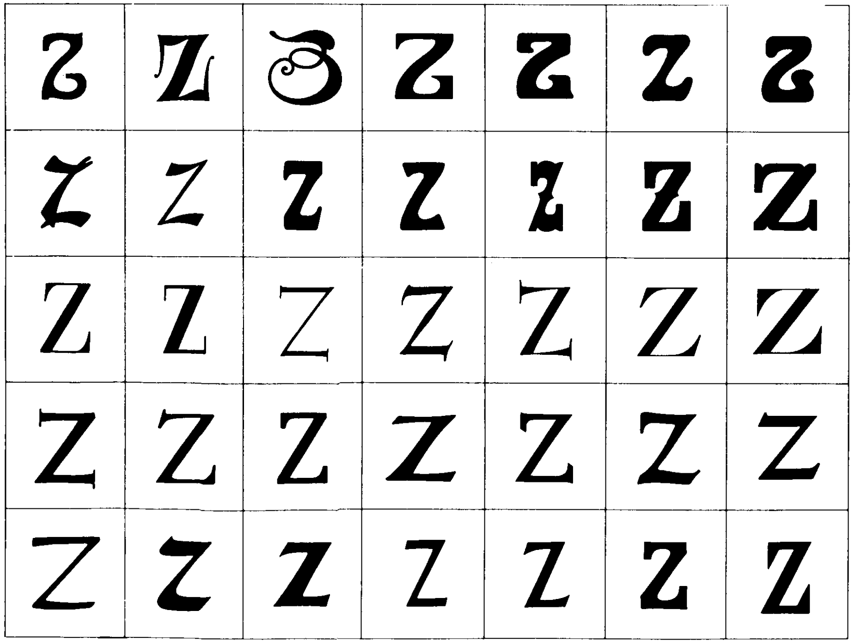
255



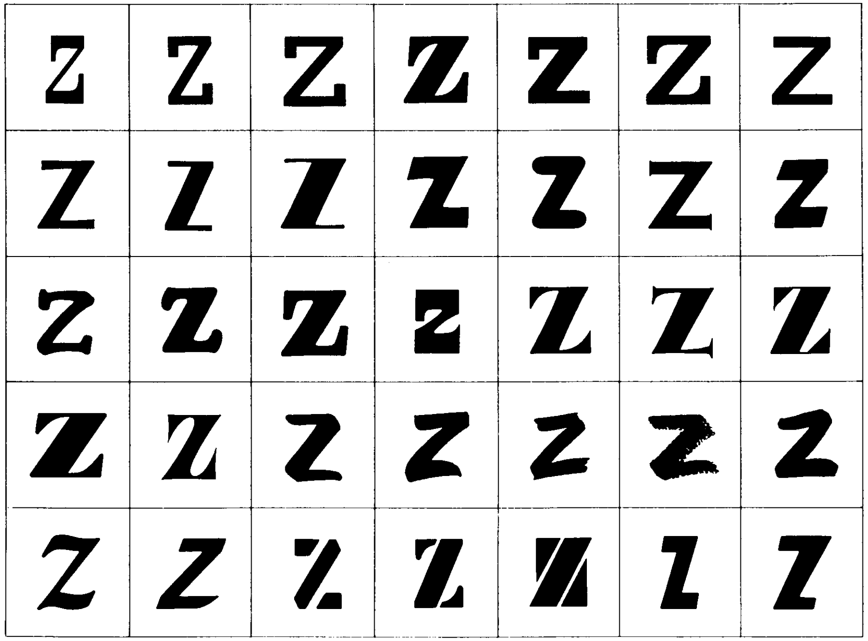
256



257

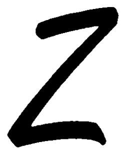


258

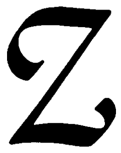


259

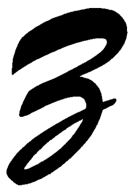
141



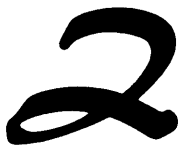
142



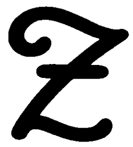
143



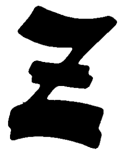
144



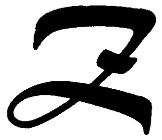
145



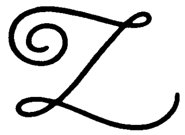
146



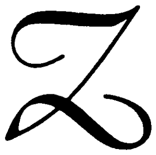
147



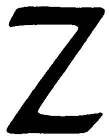
148



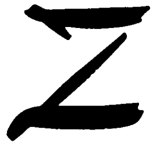
149



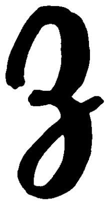
150



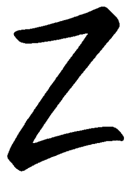
151



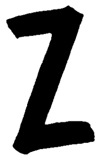
152



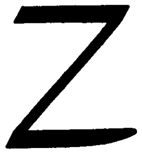
153



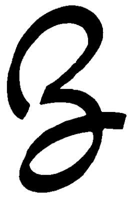
154



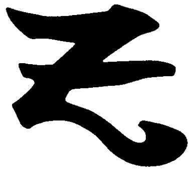
155



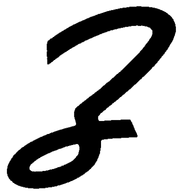
156



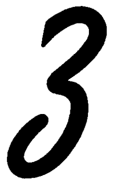
157



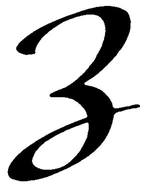
158



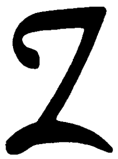
159



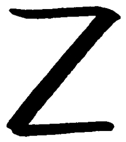
160



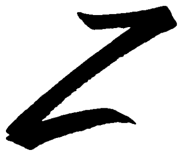
161



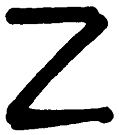
162



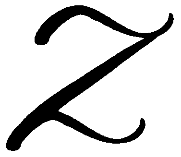
163



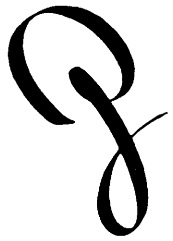
164



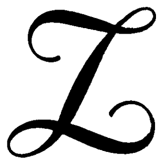
165



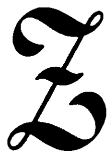
166



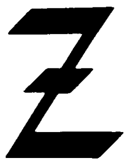
167



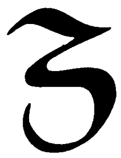
168



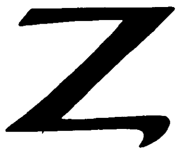
169



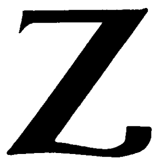
170



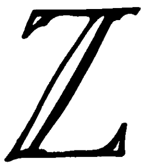
171



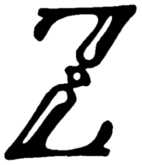
172



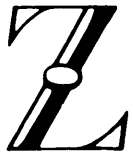
173



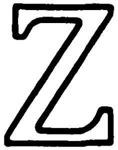
174



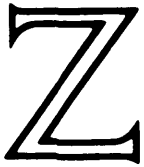
175



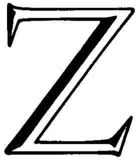
176



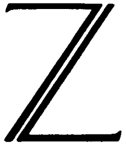
177



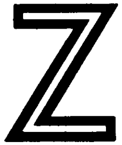
178



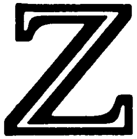
179



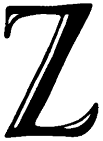
180



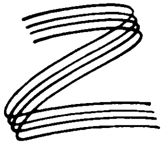
181



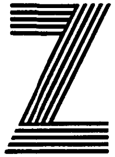
182



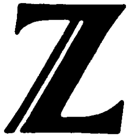
183



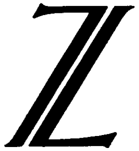
184



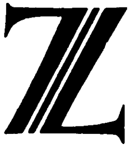
185



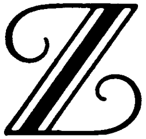
186



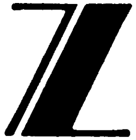
187



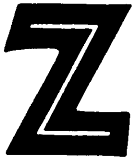
188



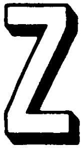
189



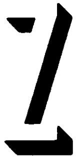
190



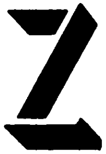
191



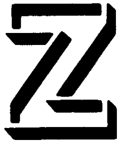
192



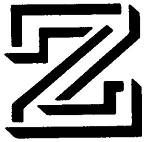
193



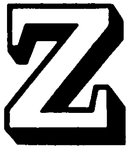
194



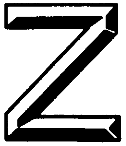
195



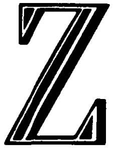
196



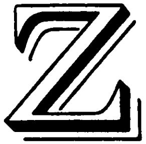
197



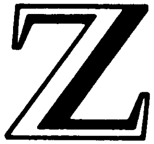
198



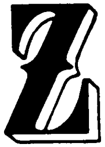
199



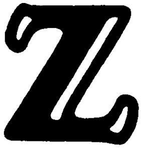
200



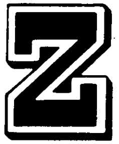
201



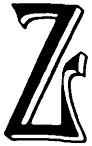
202



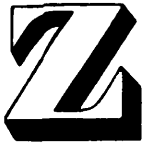
203



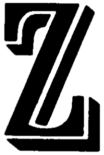
204



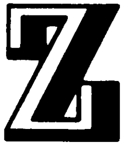
205



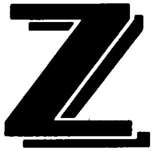
206



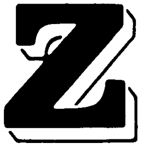
207



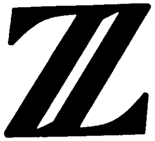
208

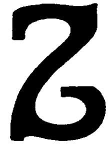
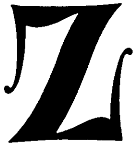
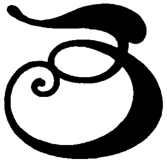
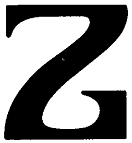
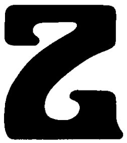
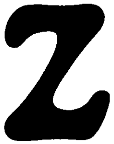
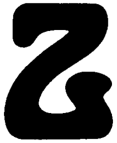
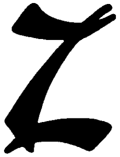
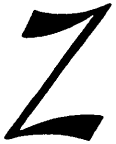
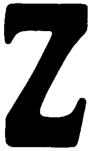
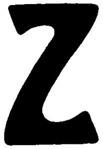
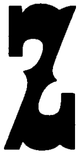
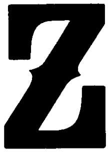
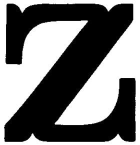
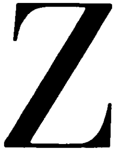
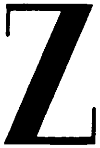
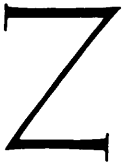
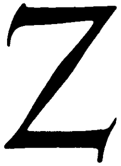
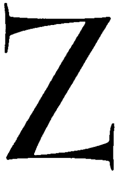
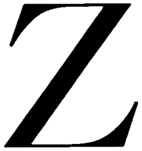
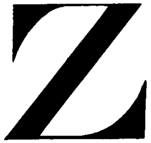
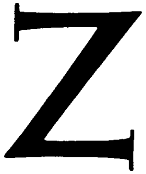
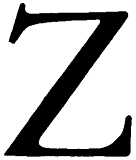
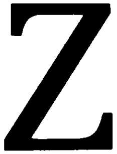
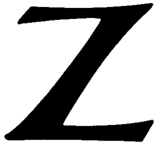
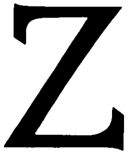
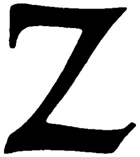
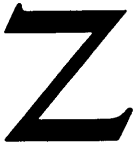
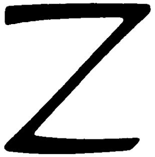
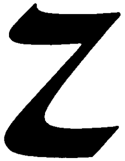
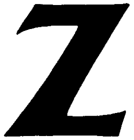
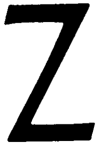
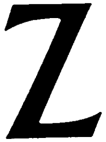
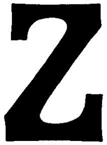
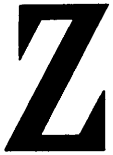


209

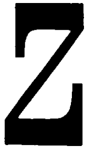


210

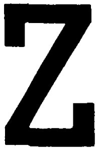


211

212

213

214

215

216

217

218

219

220

221

222

223

224

225

226

227

228

229

230

231

232

233

234

235

236

237

238

239

240

241

242

243

244

245


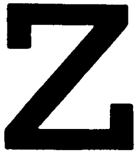
246



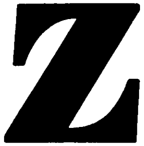
247



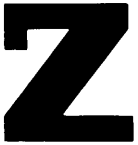
248



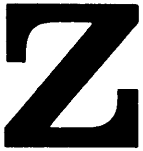
249



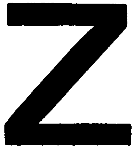
250



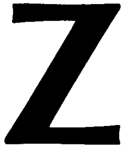
251



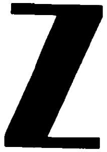
252



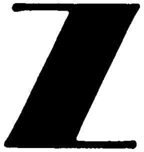
253



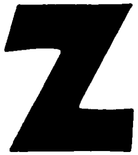
254



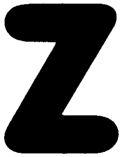
255



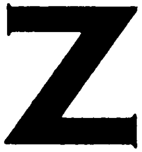
256



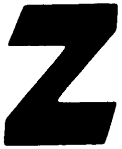
257



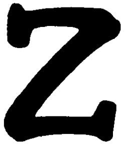
258



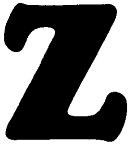
259



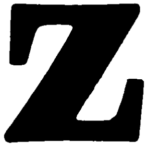
260



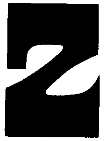
261



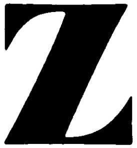
262



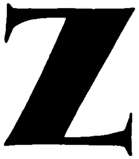
263



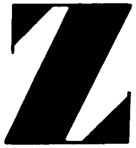
264



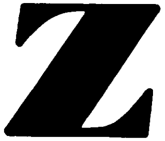
265



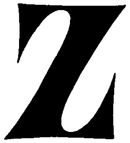
266



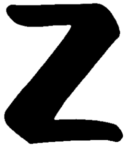
267



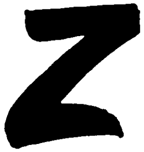
268



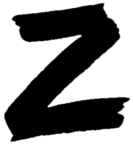
269



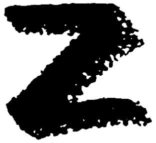
270



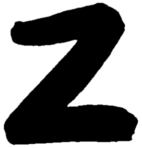
271



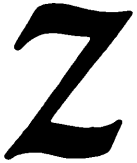
272



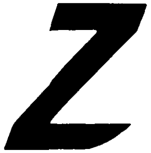
273



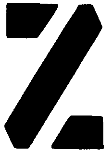
274



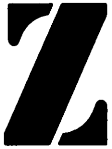
275



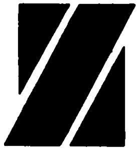
276



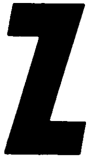
277



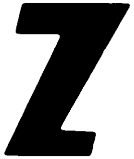
278

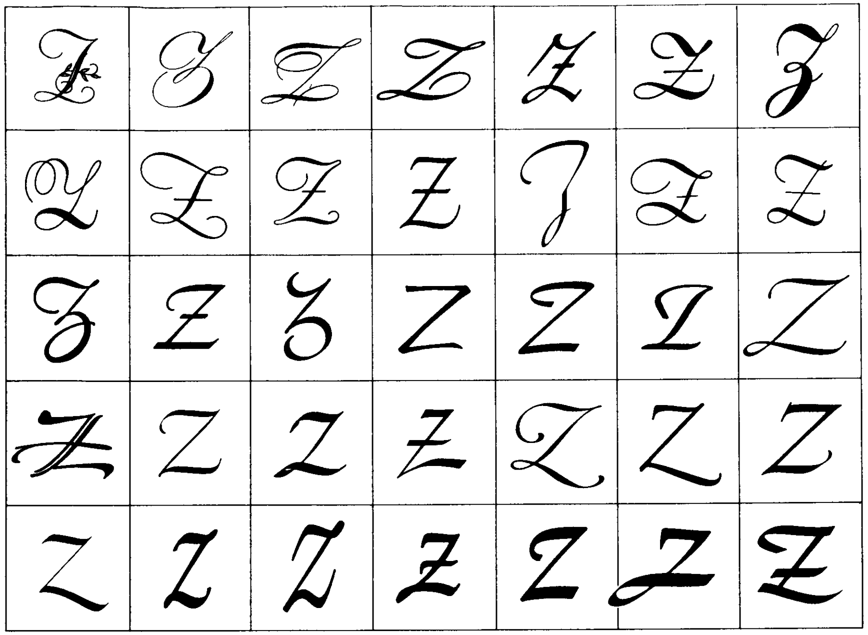


279

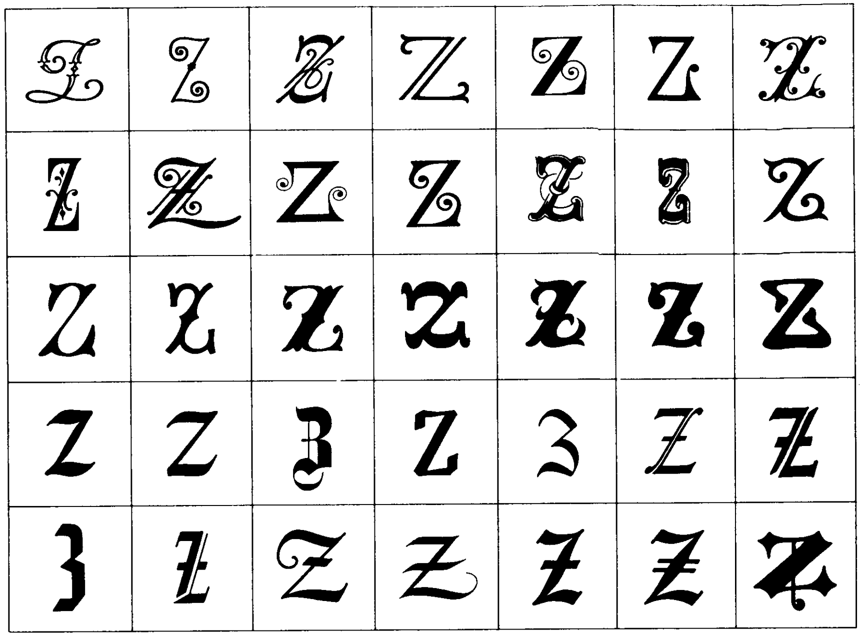


280

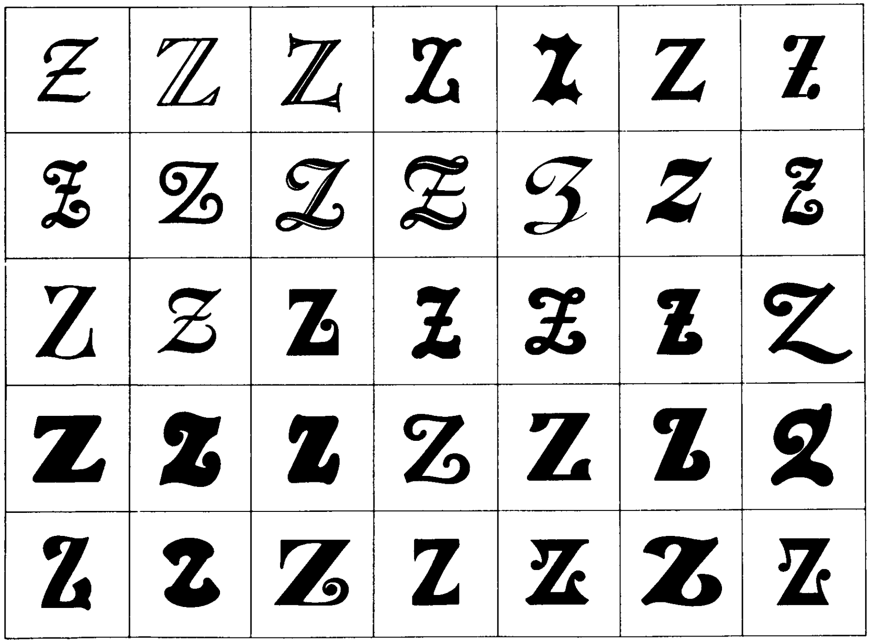




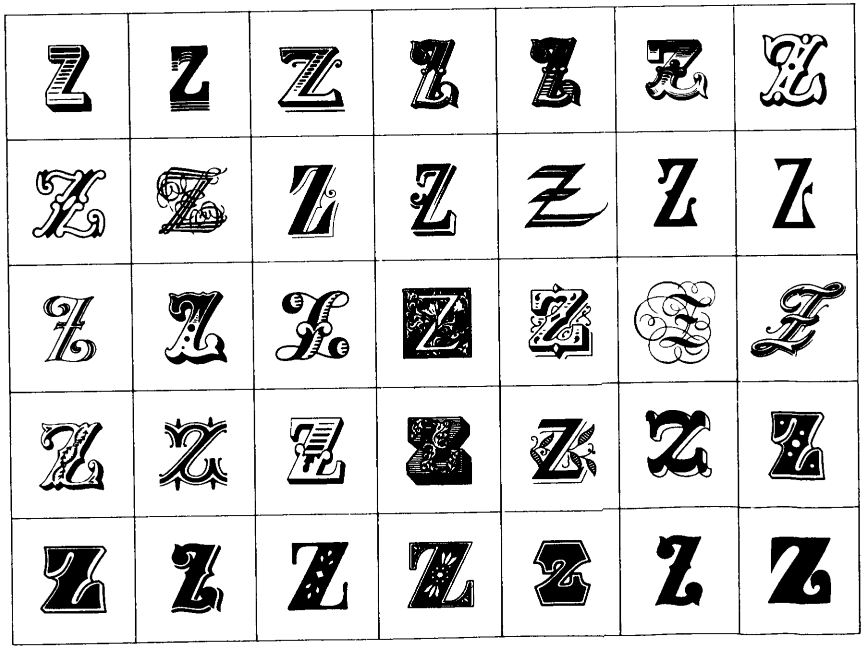
252



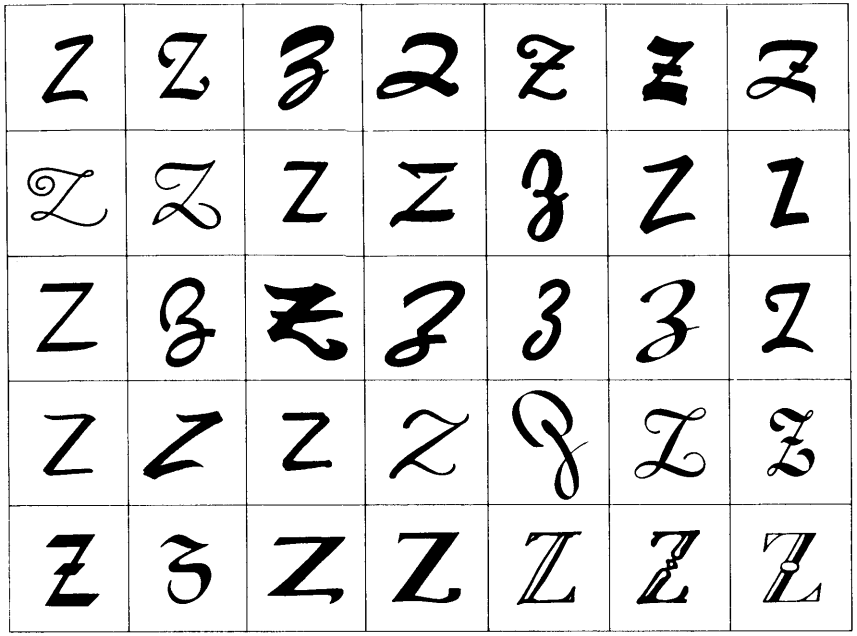
253



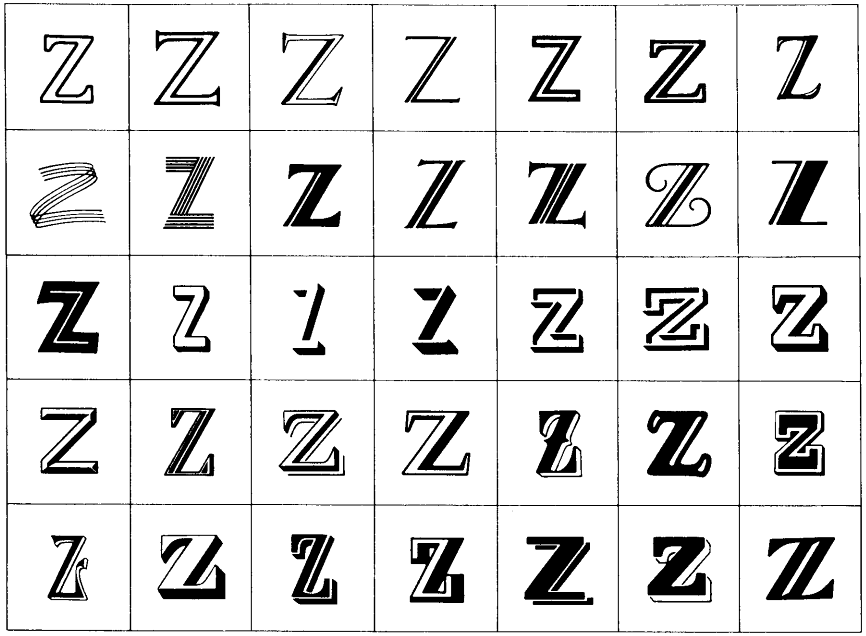
254



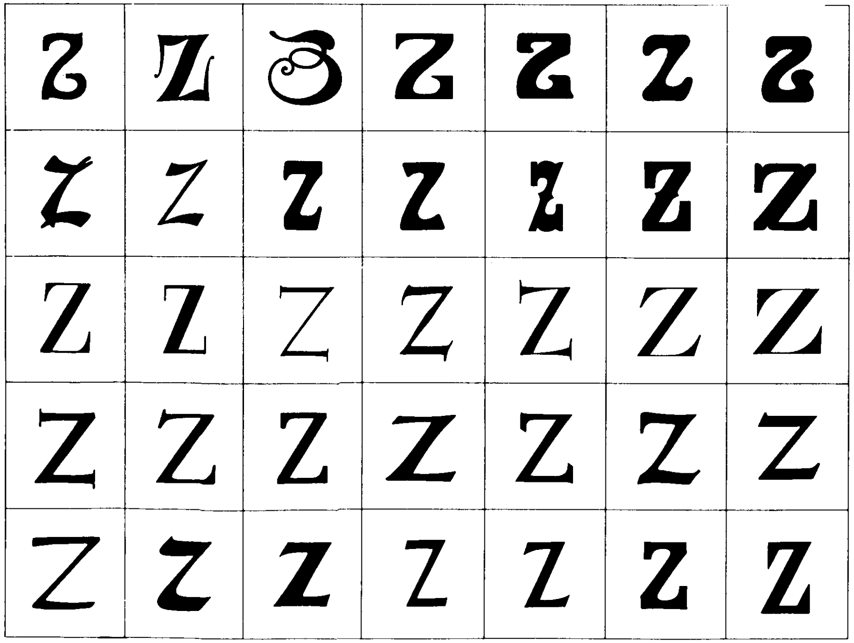
255



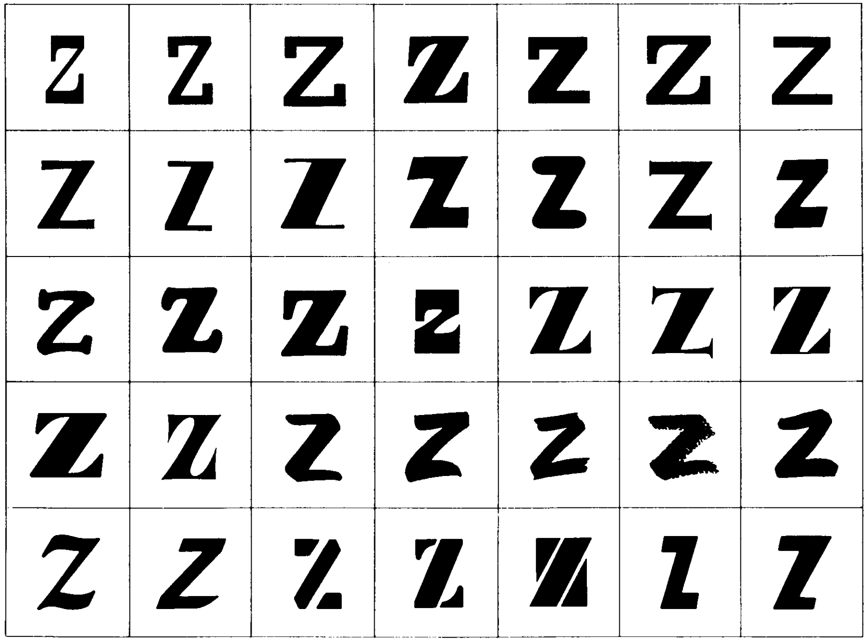
256



257



258

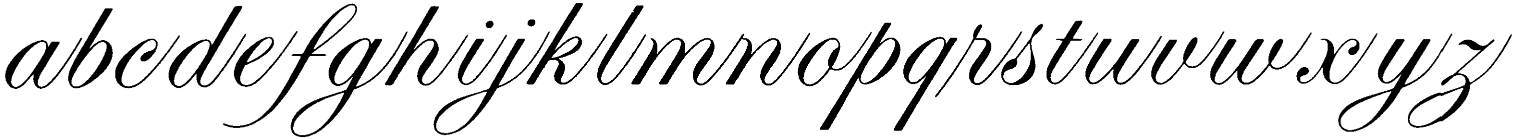


259

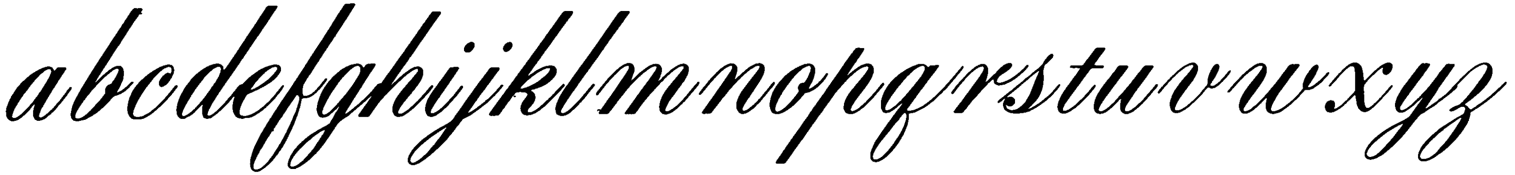
LOWER CASE

defghijklmnopqrstuvwxyzabcdefghijklmnopqrstuvwxyzabcdefghijklmnopqrstuvwxyzabcdefghijklmnopqrstuvwxyz

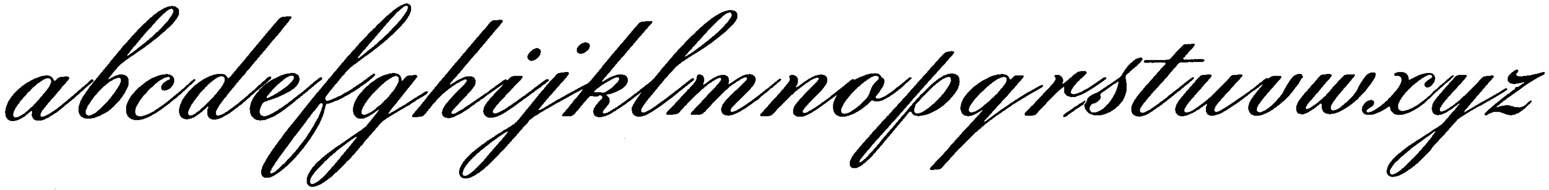
2


abcdefghijklmnopqrstuvwxyz

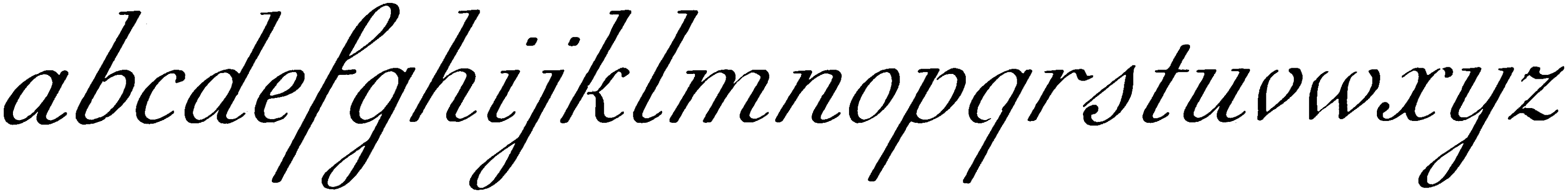
3


abcdefghijklmnopqrstuvwxyz

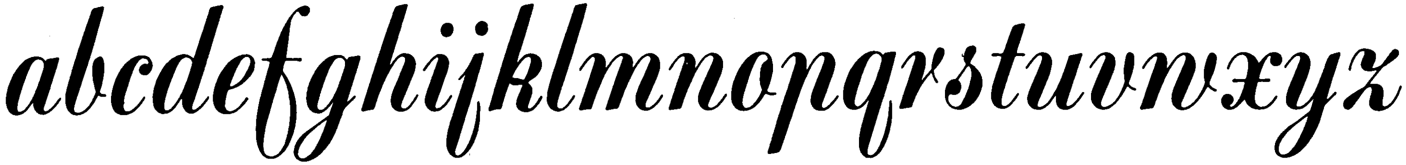
4


abcdefghijklmnopqrstuvwxyz

5

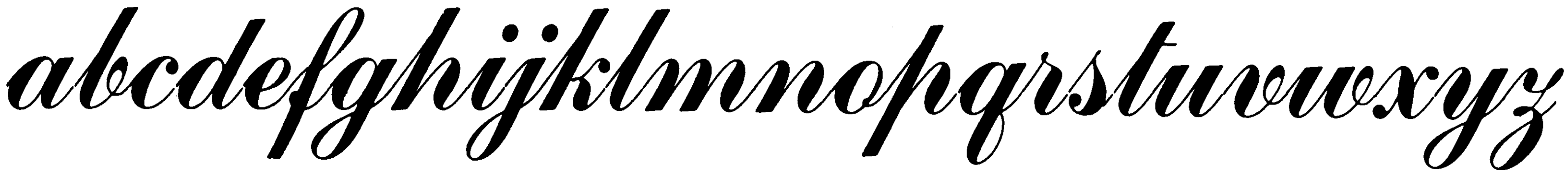

abcdefghijklmnopqrstuvwxyz

6

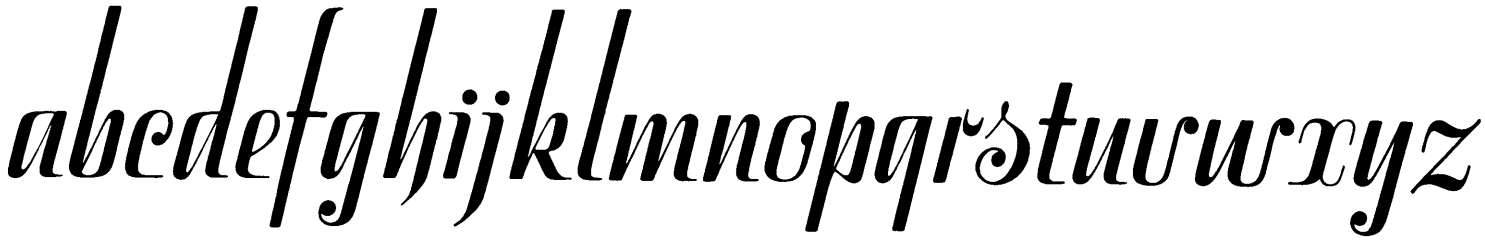

abcdefghijklmnopqrstuvwxyz

All lower case alphabets correspond to their capitals by grid numbers. Wherever a lower case alphabet has not been designed, the grid number is omitted.

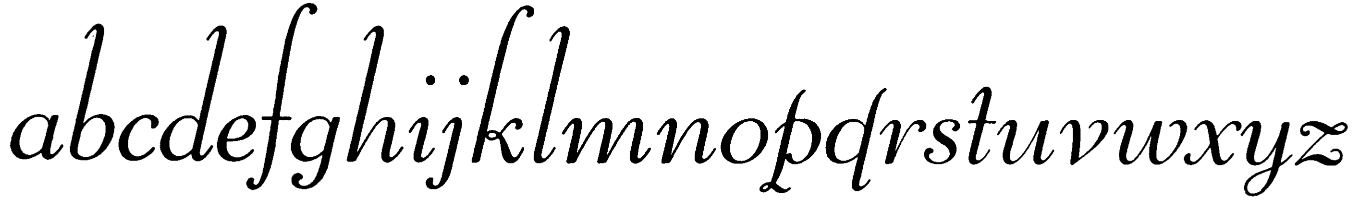
7


abcdefghijklmnopqrstuvwxyz

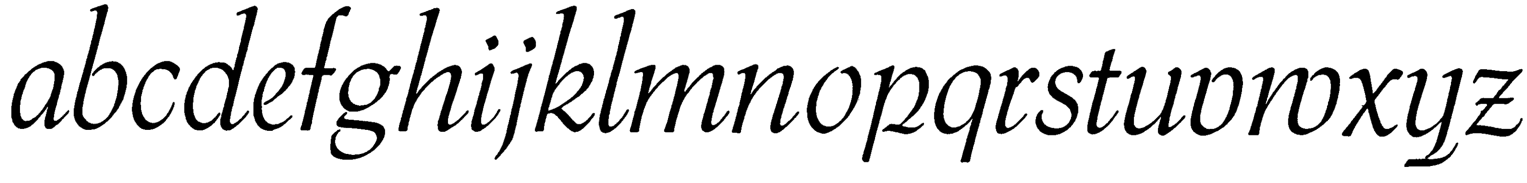
8


abcdefghijklmnopqrstuvwxyz

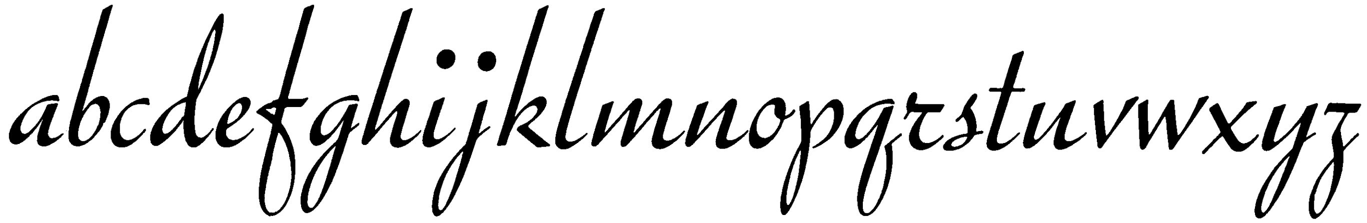
10


abcdefghijklmnopqrstuvwxyz

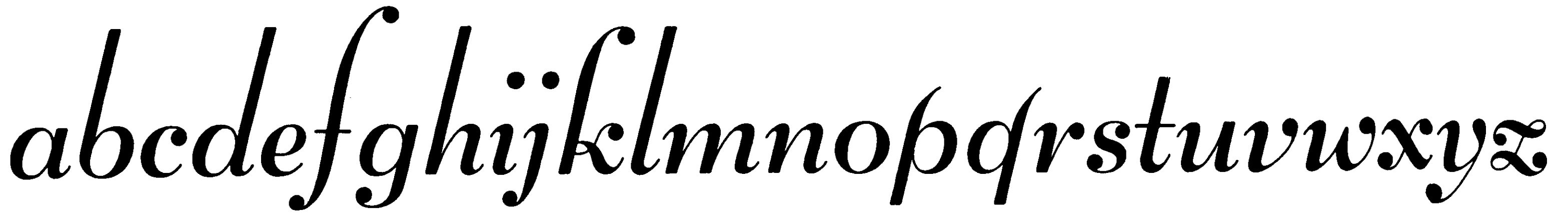
11


abcdefghijklmnopqrstuvwxyz

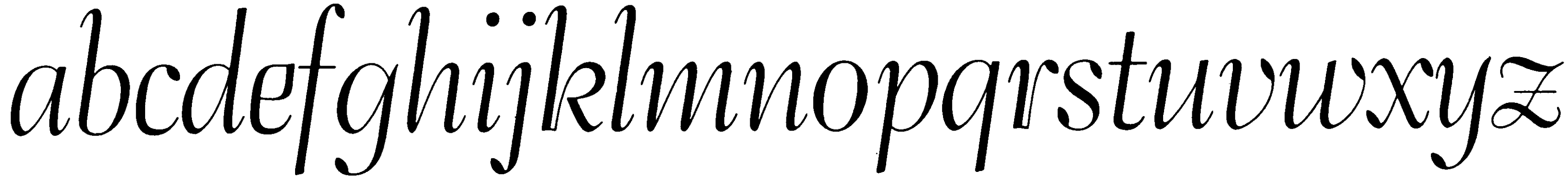
12


abcdefghijklmnopqrstuvwxyz

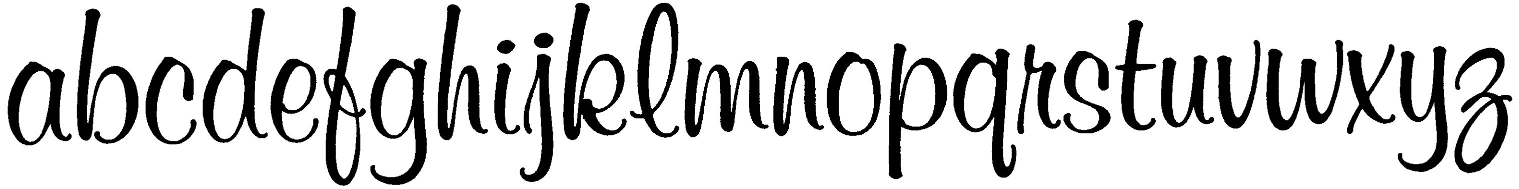
13


abcdefghijklmnopqrstuvwxyz

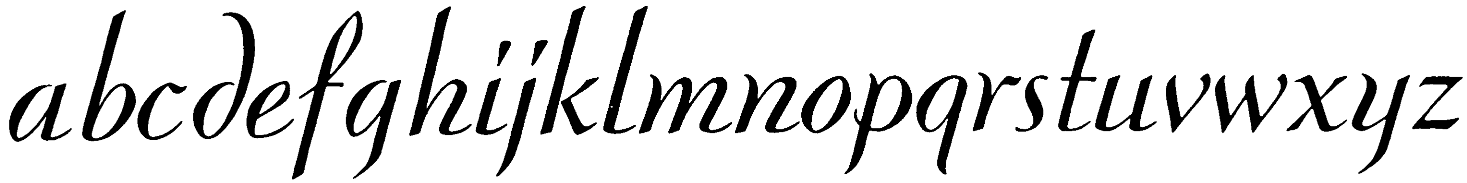
14


abcdefghijklmnopqrstuvwxyz

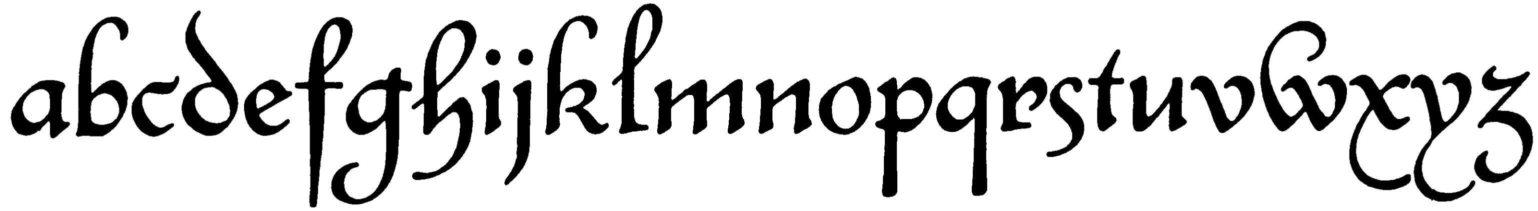
15


abcdefghijklmnopqrstuvwxyz

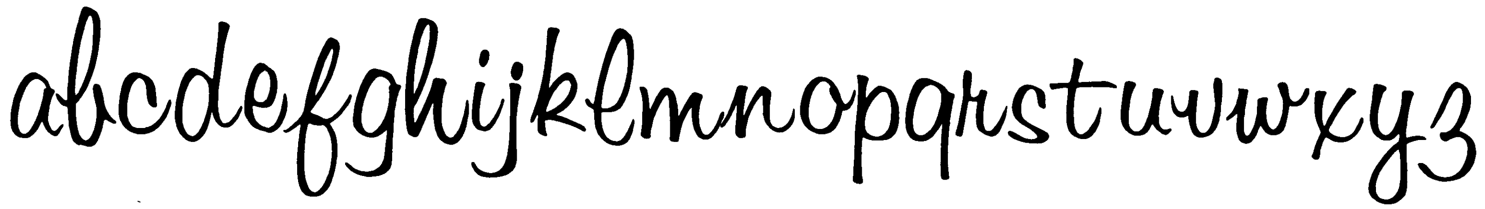
16


abcdefghijklmnopqrstuvwxyz

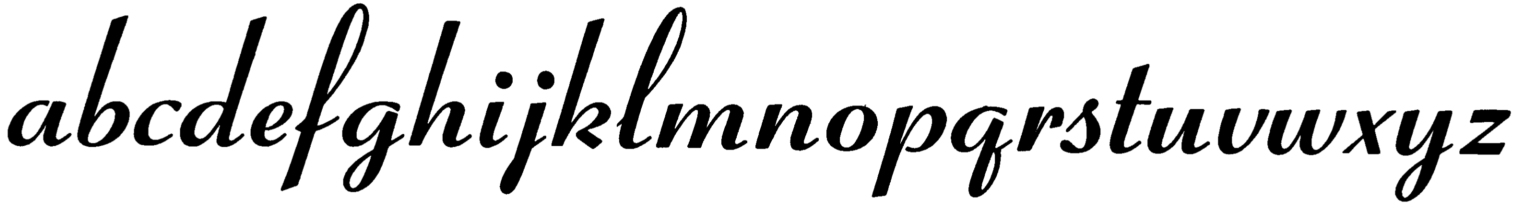
17


abcdefghijklmnopqrstuvwxyz

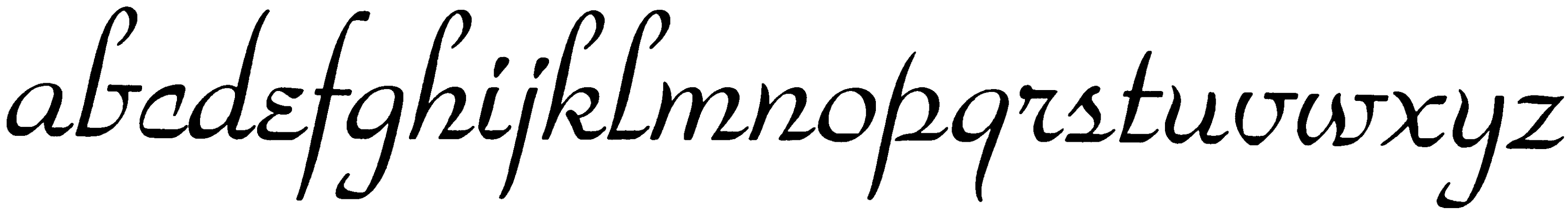
18


abcdefghijklmnopqrstuvwxyz

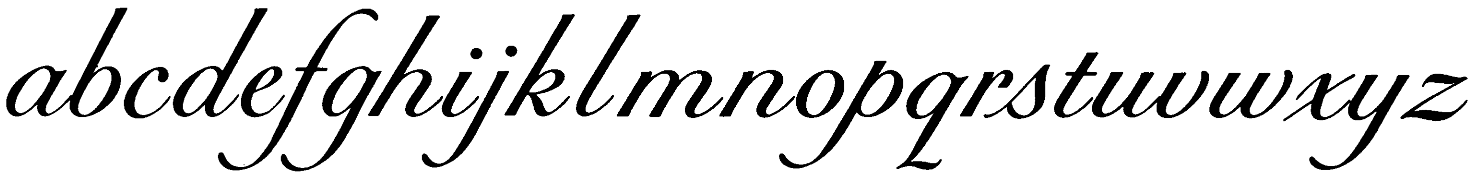
19


abcdefghijklmnopqrstuvwxyz

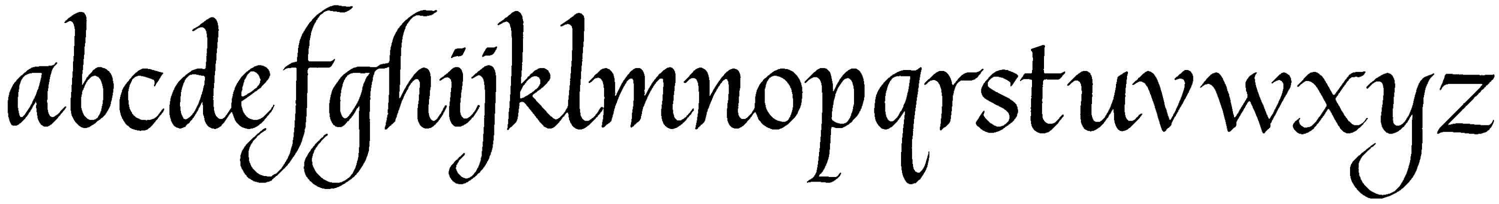
20


abcdefghijklmnopqrstuvwxyz

21

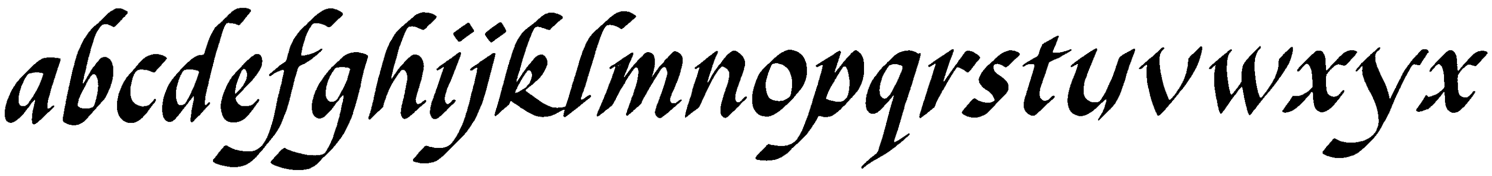

abcdefghijklmnopqrstuvwxyz

23

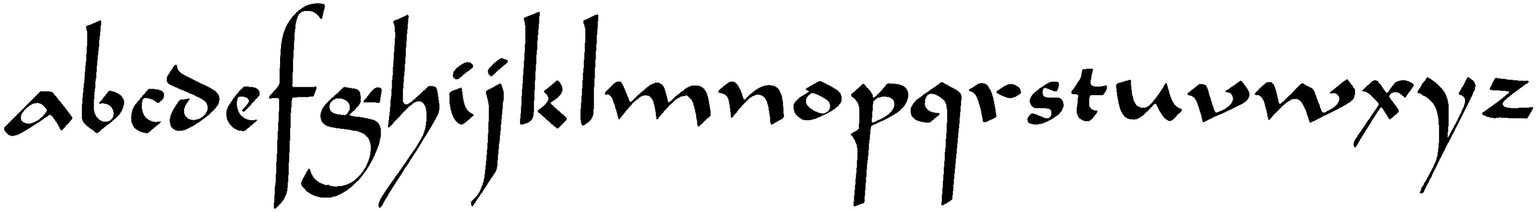

abcdefghijklmnopqrstuvwxyz

All lower case alphabets correspond to their capitals by grid numbers. Wherever a lower case alphabet has not been designed, the grid number is omitted.

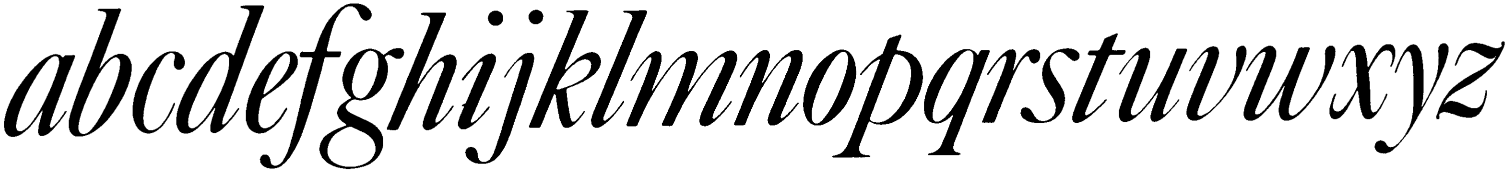
24


abcdefghijklmnopqrstuvwxyx

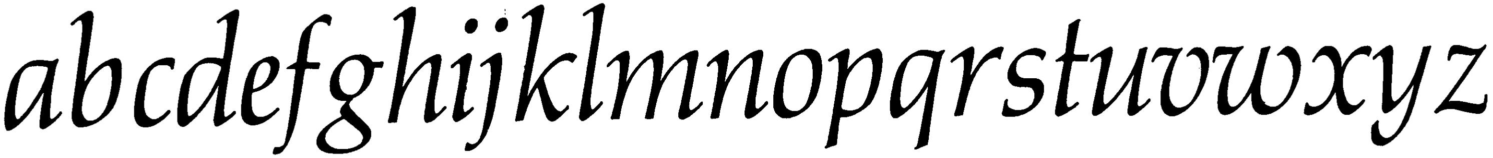
25


abcdefghijklmnopqrstuvwxyz

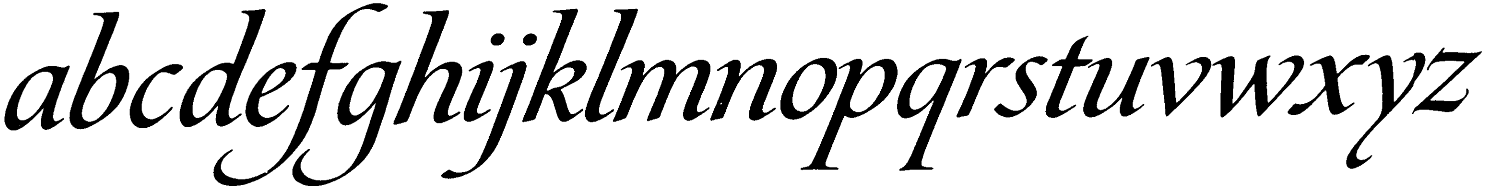
26


abcdefghijklmnopqrstuvwxyz

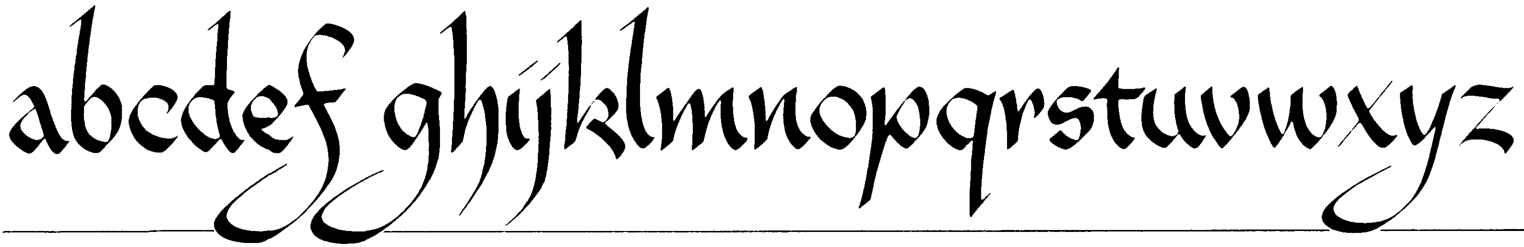
27


abcdefghijklmnopqrstuvwxyz

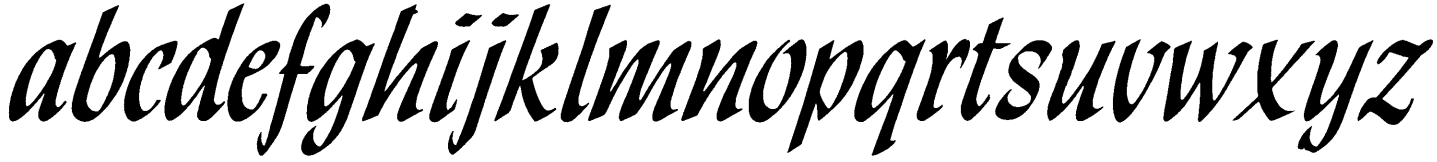
28


abcdefghijklmnopqrstuvwxyz

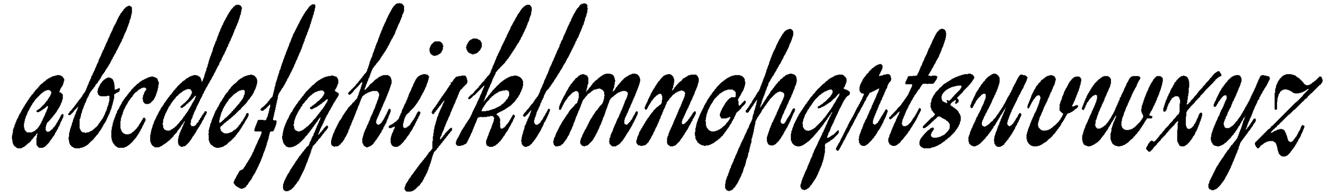
29


abcdef ghijklmnopqrstuvwxyz

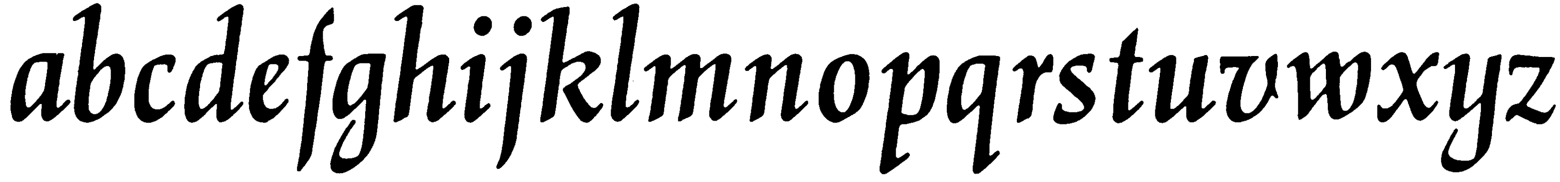
30


abcdefghijklmnopqrtsuvwxyz

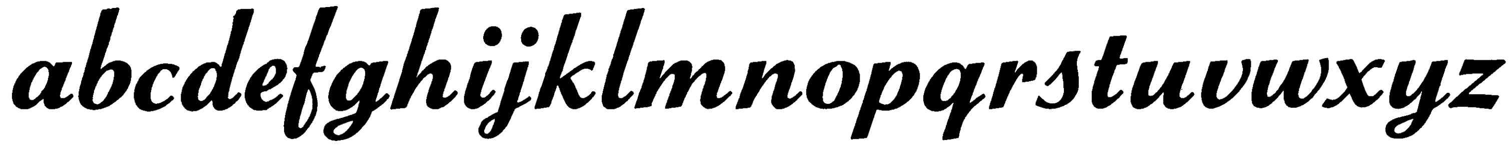
31


abcdefghijklmnopqrtsuvwxyz

32


abcdefghijklmnopqrstuvwxyz

33


abcdefghijklmnopqrstuvwxyz

34

abcdefghijklmnopqrstuvwxyz

35

abcdefghijklmnopqrstuvwxyz

38

abcdefghijklmnopqrstuvwxyz

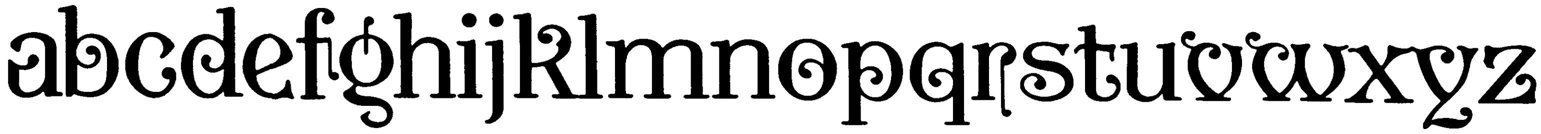
40

abcdefghijklmnopqrstuvwxyz

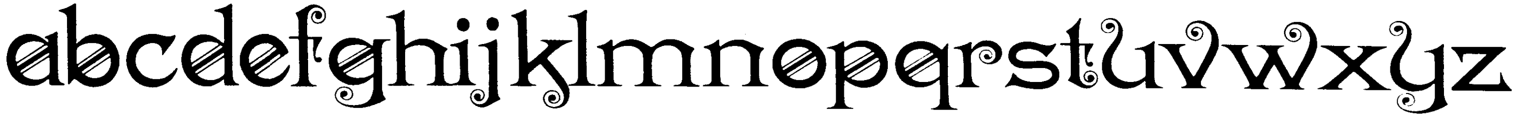
41

abcdefghilmnoprstuvwxyz

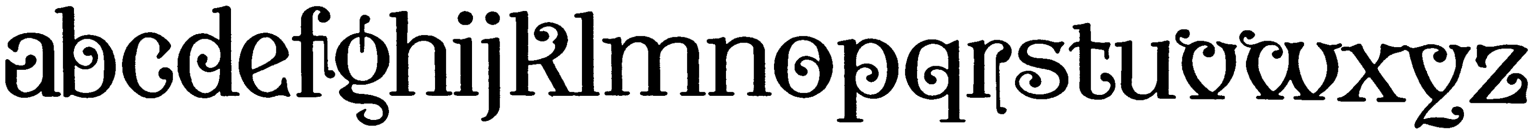
44


abcdefghijklmnopqrstuvwxyz

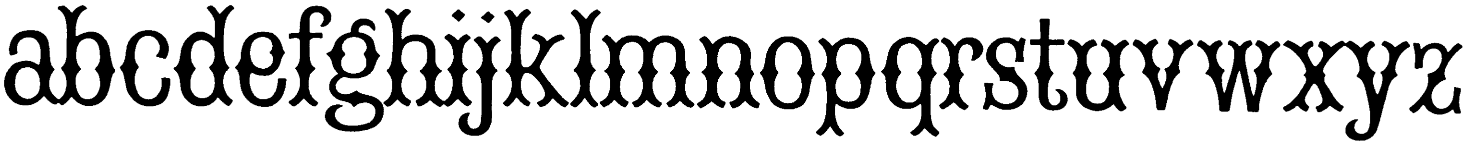
45


abcdefghijklmnopqrstuvwxyz

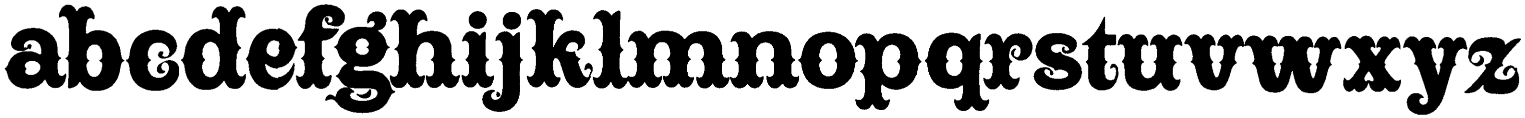
46


abcdefghijklmnopqrstuvwxyz

51


abcdefghijklmnopqrstuvwxyz

54


abcdefghijklmnopqrstuvwxyz

All lower case alphabets correspond to their capitals by grid numbers. Wherever a lower case alphabet has not been designed, the grid number is omitted.

55

abcdefghijklmnopqrstuvwxyz

56

abcdefghijklmnopqrstuvwxyz

57

abcdefghijklmnopqrstuvwxyz

58

abcdefghijklmnopqrstuvwxyz

59

abcdefghijklmnopqrstuvwxyz

60

abcdefghijklmnopqrstuvwxyz

61

abcdefghijklmnopqrstuvwxyz

62

abcdefghijklmnopqrstuvwxyz

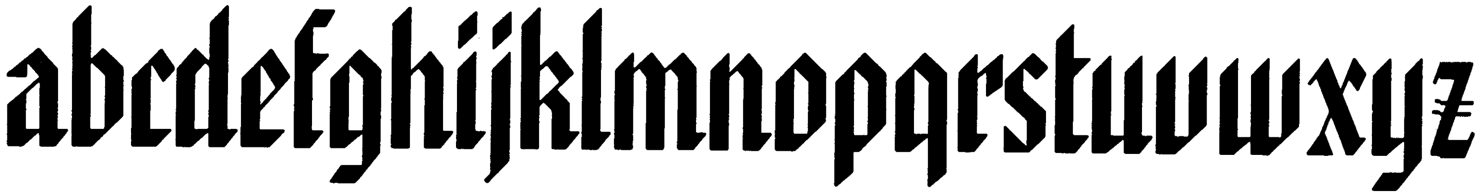
63

abcdefghijklmnopqrstuvwxyz

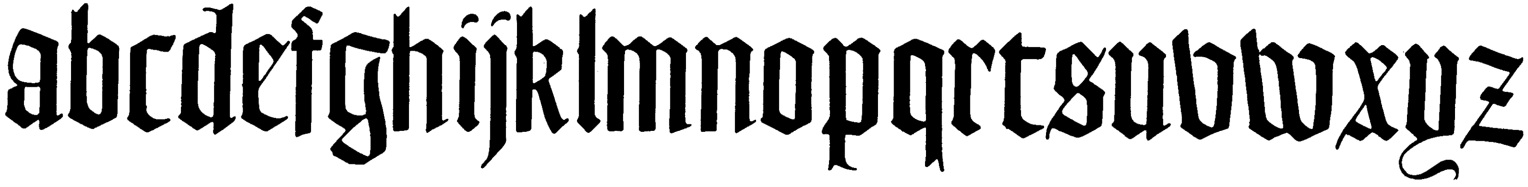
64

abcdefghijklmnopqrstuvwxyz

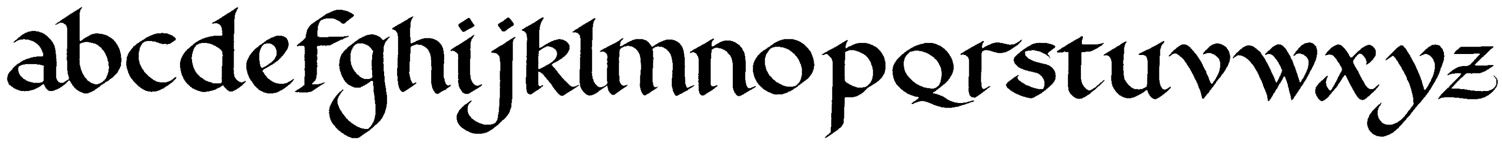
65


abcdefghijklmnopqrstuvwxyz

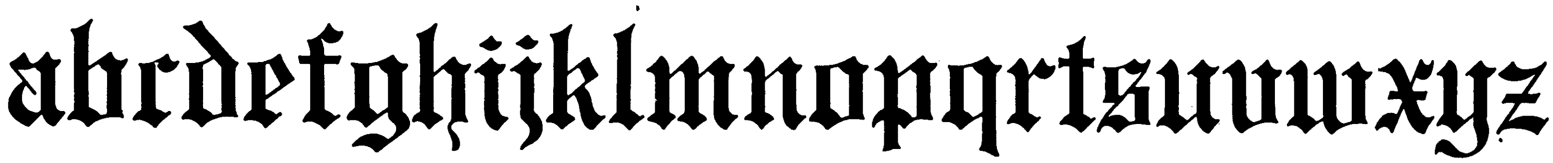
66


abcdefghijklmnopqrtsuvwxyz

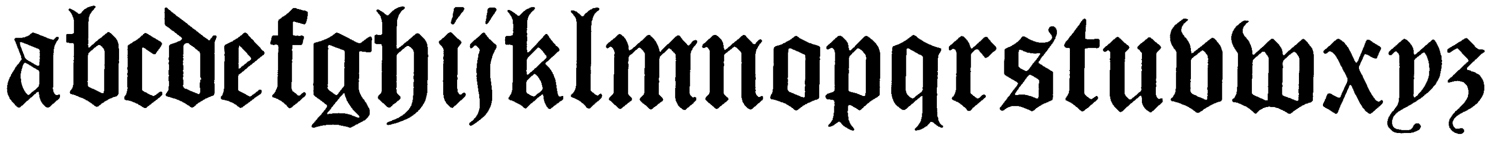
67


abcdefghijklmnopqrstuvwxyz

68


abcdefghijklmnopqrtsuvwxyz

69


abcdefghijklmnopqrstuvwxyz

70

abcdefghijklmnopqrstuvwxyz

71

abcdefghijklmnopqrstuvwxyz

72

abcdefghijklmnopqrstuvwxyz

76

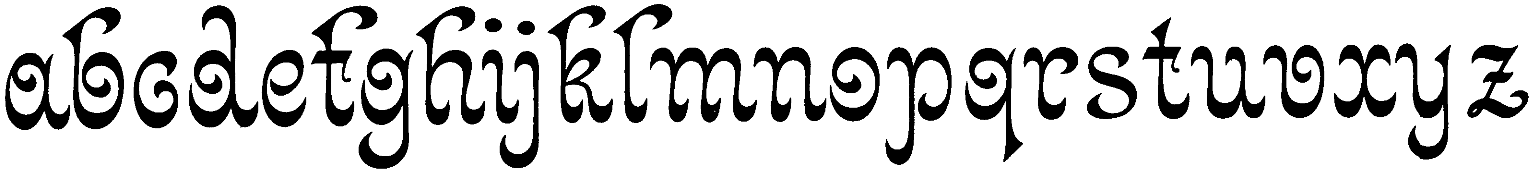
abcdefghijklmnopqrstuvwxyz

77

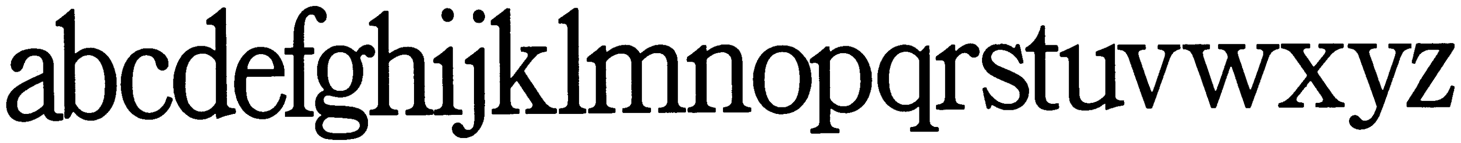
abcdefghijklmnopqrstuvwxyz

All lower case alphabets correspond to their capitals by grid numbers. Wherever a lower case alphabet has not been designed, the grid number is omitted.

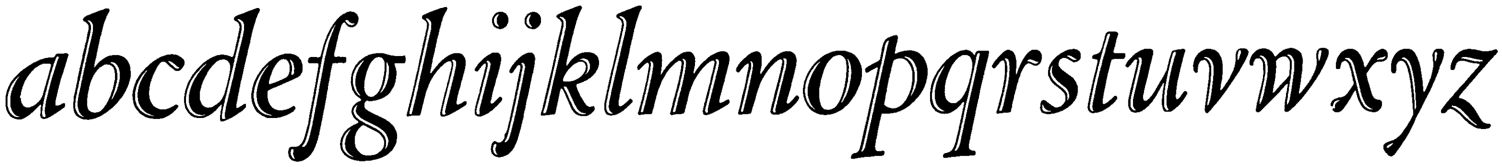
78


abcdefghijklmnopqrstuvwxyz

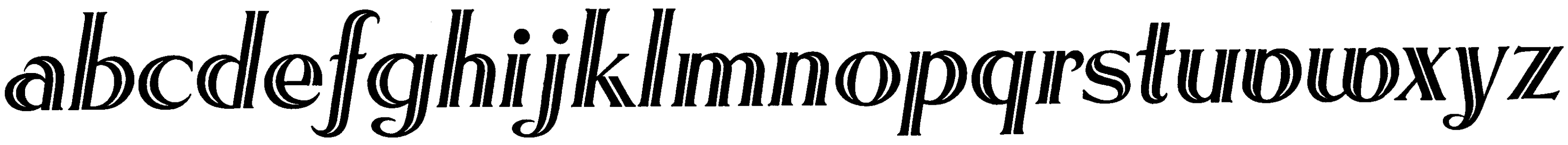
79


abcdefghijklmnopqrstuvwxyz

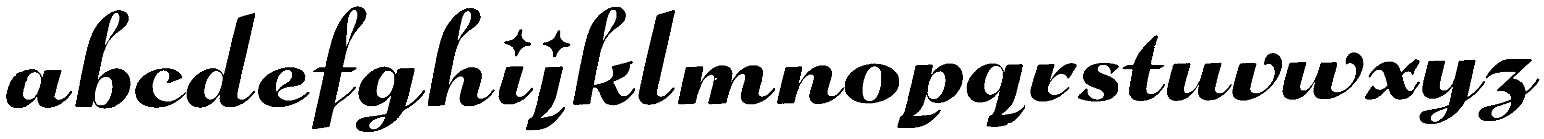
80


abcdefghijklmnopqrstuvwxyz

81


abcdefghijklmnopqrstuvwxyz

82


abcdefghijklmnopqrstuvwxyz

83

abcdefghijklmnopqrstuvwxyz

84

abcdefghijklmnopqrstuvwxyz

85

abcdefghijklmnopqrstuvwxyz

86

abcdefghijklmnopqrstuvwxyz

88

abcdefghijklmnopqrstuvwxyz

89

abcdefghijklmnopqrstuvwxyz

90

abcdefghijklmnopqrstuvwxyz

91

abcdefghijklmnopqrstuvwxyz

92

abcdefghijklmnopqrstuvwxyz

93

abcdefghijklmnopqrstuvwxyz

94

abcdefghijklmnopqrstuvwxyz

96

abcdefghijklmnopqrstuvwxyz

97

abcdefghijklmnopqrstuvwxyz

98

abcdefghijklmnopqrstuvwxyz

99

abcdefghijklmnopqrstuvwxyz

All lower case alphabets correspond to their capitals by grid numbers. Wherever a lower case alphabet has not been designed, the grid number is omitted.

100

abcdefghijklmnopqrstuvwxyz

101

abcdefghijklmnopqrstuvwxyz

102

abcdefghijklmnopqrstuvwxyz

103

abcdefghijklmnopqrstuvwxyz

104

abcdefghijklmnopqrstuvwxyz

105

abcdefghijklmnopqrstuvwxyz

109

abcdefghijklmnopqrstuvwxyz

110

abcdefghijklmnopqrstuvwxyz

115

abcdefghijklmnopqrstuvwxyz

117

abcdefghijklmnopqrstuvwxyz

118

abcdefghijklmnopqrstuvwxyz

119

abcdefghijklmnoprstuvwxyz

120

abcdefghijklmnopqrstuvwxyz

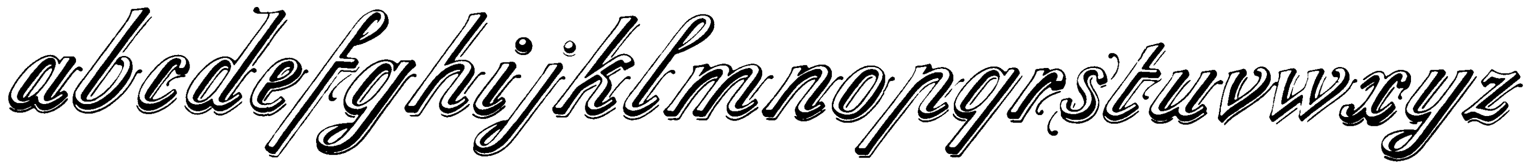
122

abcdefghijklmnopqrstuvwxyz

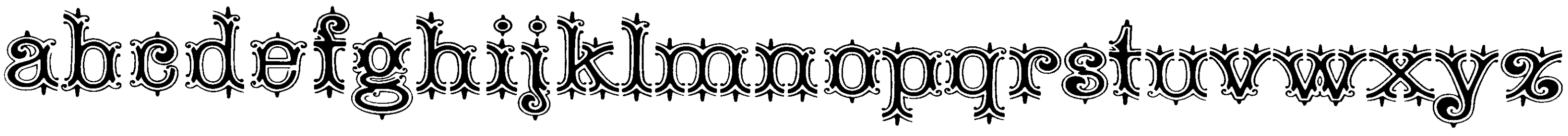
124

abcdefghijklmnopqrstuvwxyz

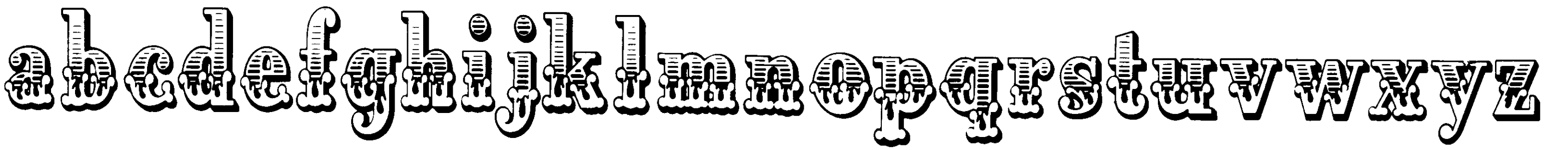
126


abcdefghijklmnopqrstuvwxyz

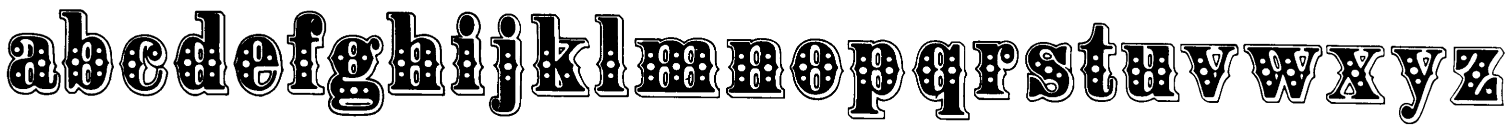
128

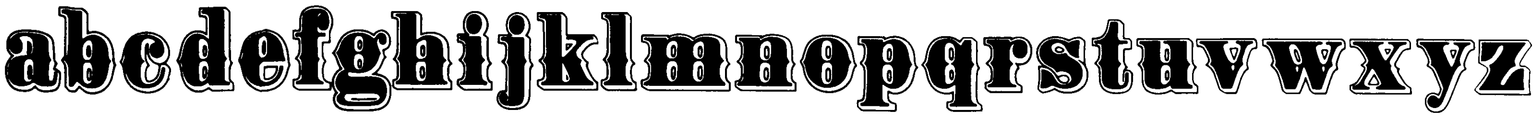

abcdefghijklmnopqrstuvwxyz

129


abcdefghijklmnopqrstuvwxyz

133


abcdefghijklmnopqrstuvwxyz


abcdefghijklmnopqrstuvwxyz

All lower case alphabets correspond to their capitals by grid numbers. Wherever a lower case alphabet has not been designed, the grid number is omitted.

abcdefghijklmnopqrstuvwxyz

abcdefghijklmnopqrstuvwxyz

138

abcdefghijklmnopqrstuvwxyz

abcdefghijklmnopqrstuvwxyz

140

abcdefghijklmnopqrstuvwxyz

141

abcdefghijklmnopqrstuvwxyz

142

abcdefghijklmnopqrstuvwxyz

143

abcdefghijklmnopqrstuvwxyz

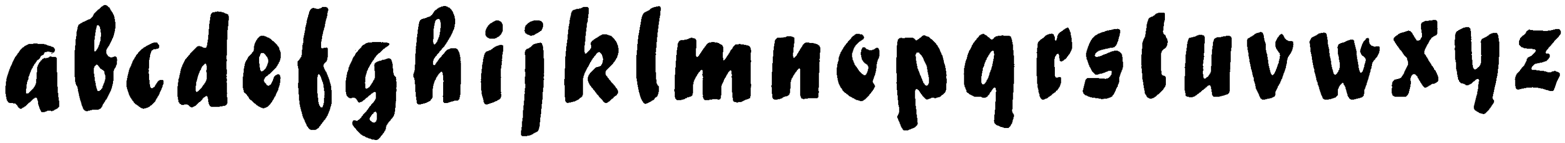
144

abcdefghijklmnopqrstuvwxyz

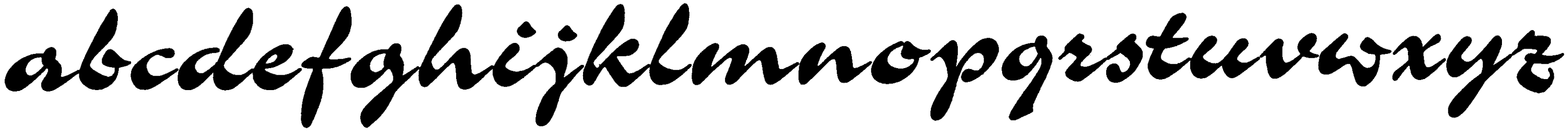
145

abcdefghijklmnopqrstuvwxyz

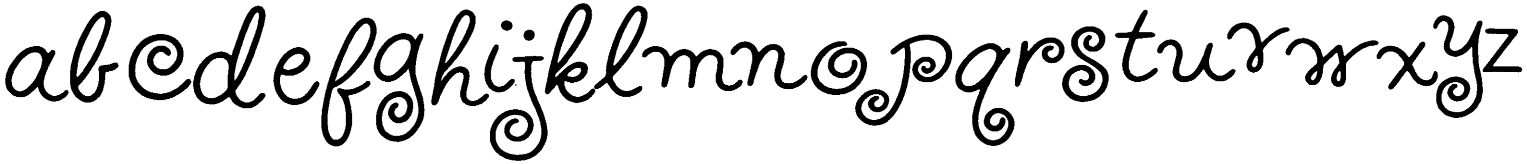
146


abcdefghijklmnopqrstuvwxyz

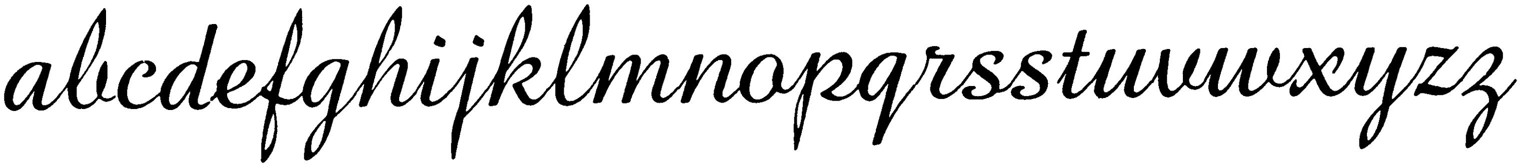
147


abcdefghijklmnopqrstuvwxyz

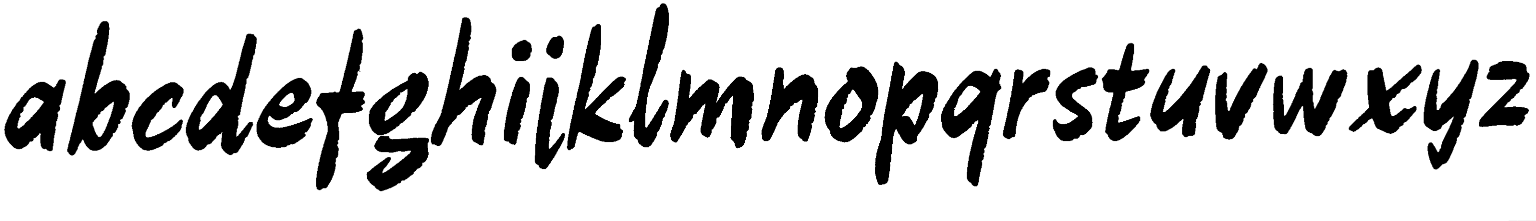
148


abcdefghijklmnopqrstuvwxyz

149


abcdefghijklmnopqrsstuvwxyzz

151


abcdefghijklmnopqrstuvwxyz

152

abcdefghijklmnopqrstuvwxyz

153

abcdefghijklmnopqrstuvwxyz

154

abcdefghijklmnopqrstuvwxyz

155

abcdefghijklmnopqrstuvwxyz

156

abcdefghijklmnopqrstuvwxyz

All lower case alphabets correspond to their capitals by grid numbers. Wherever a lower case alphabet has not been designed, the grid number is omitted.

157

abcdefghijklmnopqrstuvwxyz

158

abcdefghijklmnopqrstuvwxyz

159

abcdefghijklmnopqrstuvwxyz

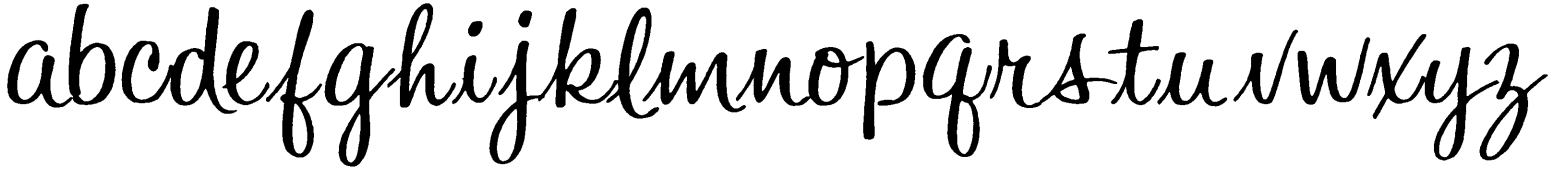
160

abcdefghijklmnopqrstuvwxyz

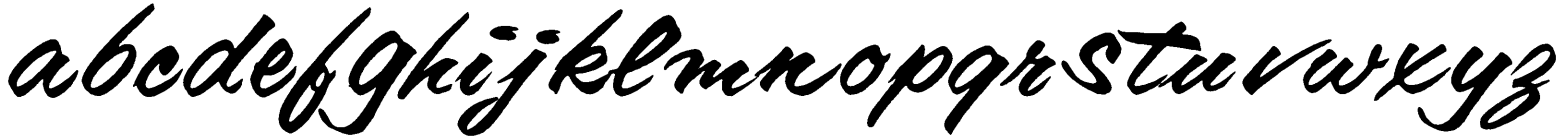
161

abcdefghijklmnopqrstuvwxyz

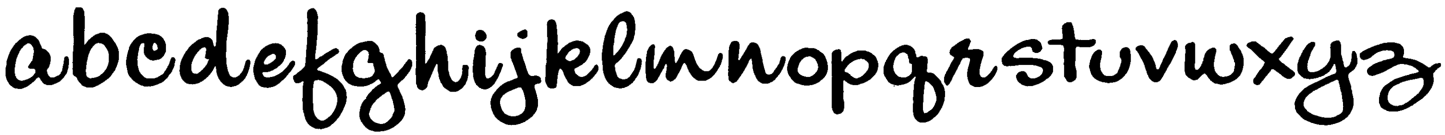
162


abcdefghijklmnopqrstuvwxyz

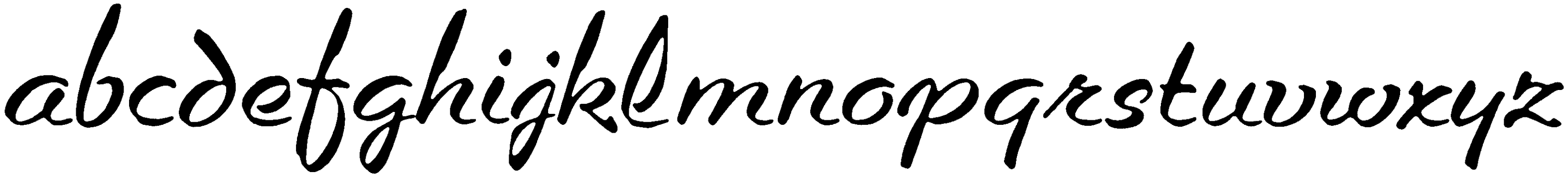
163


abcdefghijklmnopqrstuvwxyz

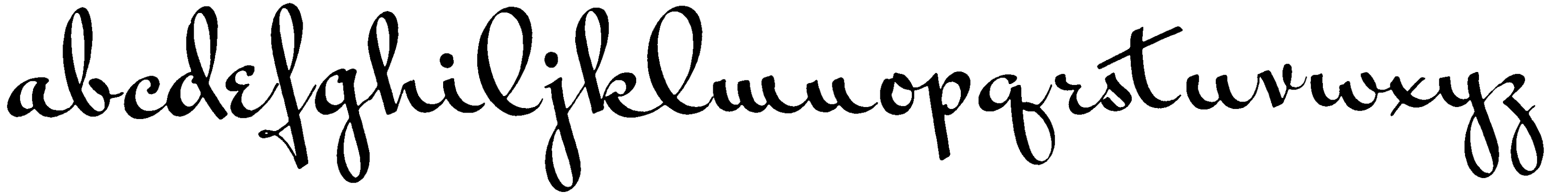
164


abcdefghijklmnopqrstuvwxyz

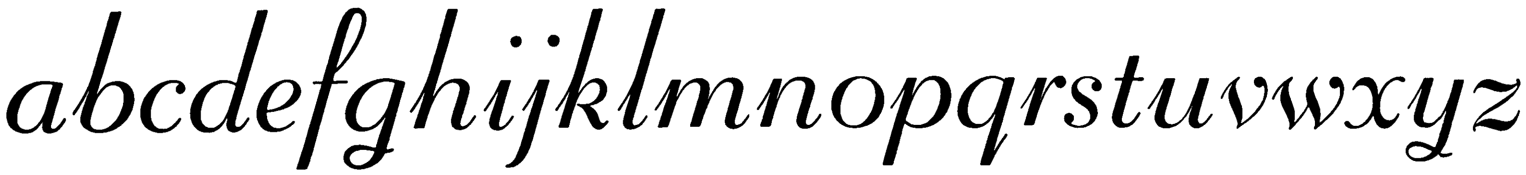
165


abcdefghijklmnopqrstuvwxyz

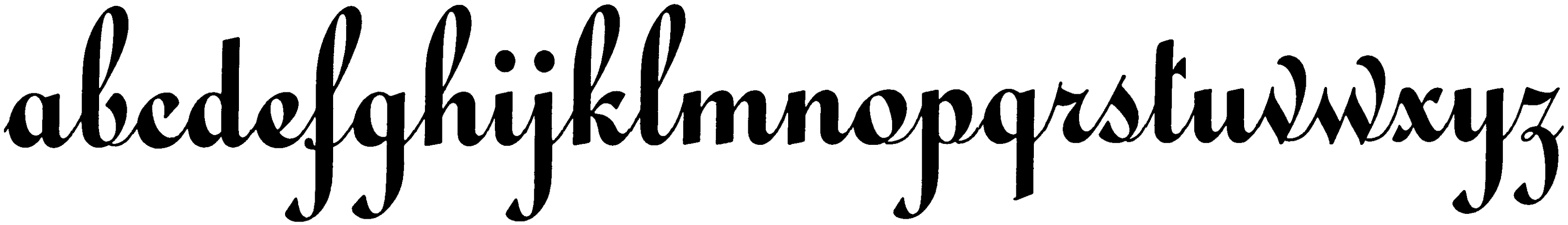
166


abcdefghijklmnopqrstuvwxyz

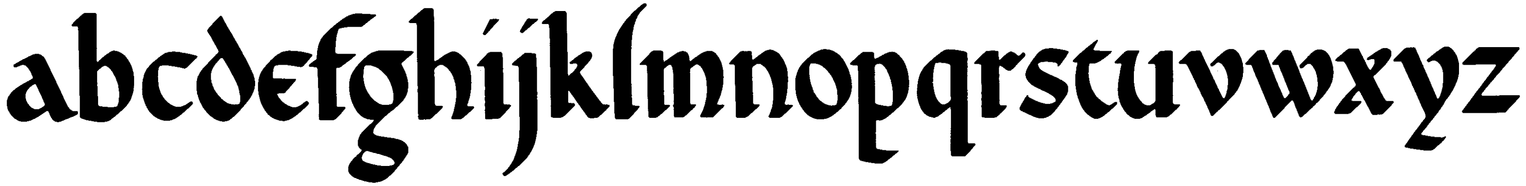
167


abcdefghijklmnopqrstuvwxyz

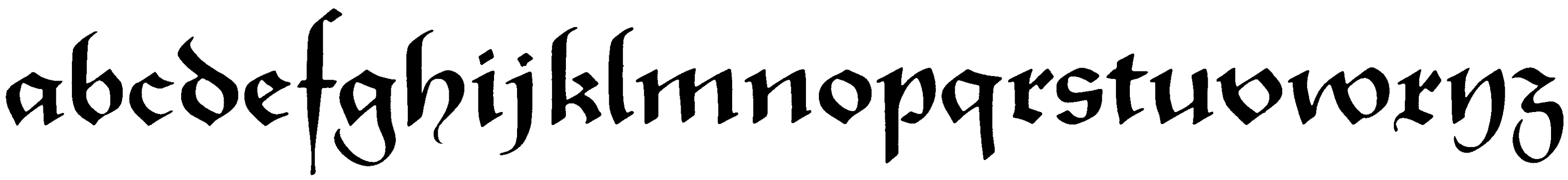
168


abcdefghijklmnopqrstuvwxyz

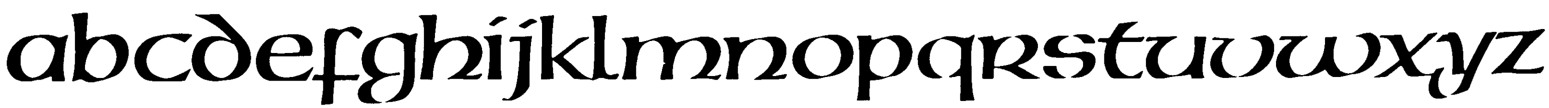
169


abcdefghijklmnopqrstuvwxyz

170


abcdefghijklmnopqrstuvwxyz

171


abcdefghijklmnopqrstuvwxyz

172

abcdefghijklmnopqrstuvwxyz

176

abcdefghijklmnopqrstuvwxyz

181

abcdefghijklmnopqrstuvwxyz

182

abcdefghijklmnopqrtsuvwxyz

183

abcdefghijklmnopqrstuvwxyz

All lower case alphabets correspond to their capitals by grid numbers. Wherever a lower case alphabet has not been designed, the grid number is omitted.

186

abcdefghijklmnopqrstuvwxyz

194

abcdefghijklmnopqrstuvwxyz

198

abcdefghijklmnopqrstuvwxyz

202

abcdefghijklmnopqrstuvwxyz

204

abcdefghijklmnopqrstuvwxyz

206

abcdefghijklmnopqrstuvwxyz

208

abcdefghijklmnopqrstuvwxyz

211

abcdefghijklmnopqrstuvwxyz

212

abcdefghijklmnopqrstuvwxyz

214

abcdefghijklmnopqrstuvwxyz

215

abcdefghijklmnopqrstuvwxyz

220

abcdefghijklmnopqrstuvwxyz

221

abcdefghijklmnopqrstuvwxyz

223

abcdefghijklmnopqrstuvwxyz

224

abcdefghijklmnopqrstuvwxyz

225

abcdefghijklmnopqrtsuvwxyz

226

abcdefghijklmnopqrstuvwxyz

228

abcdefghijklmnopqrstuvwxyz

229

abcdefghijklmnopqrstuvwxyz

230

abcdefghijklmnopqrstuvwxyz

All lower case alphabets correspond to their capitals by grid numbers. Wherever a lower case alphabet has not been designed, the grid number is omitted.

233

abcdefghijklmnopqrstuvwxyz

234

abcdefghijklmnopqrrstuvwxyz

235

abcdefghijklmnopqrstuvwxyz

236

abcdefghijklmnopqrstuvwxyz

238

abcdefghijklmnopqrstuvwxyz

239

abcdefghijklmnopqrstuvwxyz

240

abcdefghijklmnopqrstuvwxyz

241

abcdefghijklmnopqrstuvwxyz

242

abcdefghijklmnopqrstuvwxyz

243

abcdefghijklmnopqrstuvwxyz

245

abcdefghijklmnopqrtsuvwxyz

246

abcdefghijklmnopqrstuvwxyz

247

abcdefghijklmnopqrstuvwxyz

248

abcdefghijklmnopqrstuvwxyz

249

abcdefghijklmnopqrstuvwxyz

251

abcdefghijklmnopqrstuvwxyz

252

abcdefghijklmnopqrstuvwxyz

253

abcdefghijklmnopqrstuvwxyz

254

abcdefghijklmnopqrstuvwxyz

257

abcdefghijklmnopqrstuvwxyz

All lower case alphabets correspond to their capitals by grid numbers. Wherever a lower case alphabet has not been designed, the grid number is omitted.

259

abcdefghijklmnopqrstuvwxyz

260

abcdefghijklmnopqrstuvwxyz

261

abcdefghijklmnopqrstuvwxyz

262

abcdefghijklmnopqrstuvwxyz

264

abcdefghijklmnopqrstuvwxyz

265

abcdefghijklmnopqrstuvwxyz

266

abcdefghijklmnopqrstuvwxyz

267

abcdefghijklmnopqrstuvwxyz

268

abcdefghijklmnopqrstuvwxyz

269

abcdefghijklmnopqrstuvwxyz

270

abcdefghijklmnopqrstuvwxyz

271

abcdefghijklmnopqrstuvwxyz

272

abcdefghijklmnopqrstuvwxyz

273

abcdefghijklmnopqrstuvwxyz

274

abcdefghijklmnopqrstuvwxyz

275

abcdefghijklmnopqrstuvwxyz

278

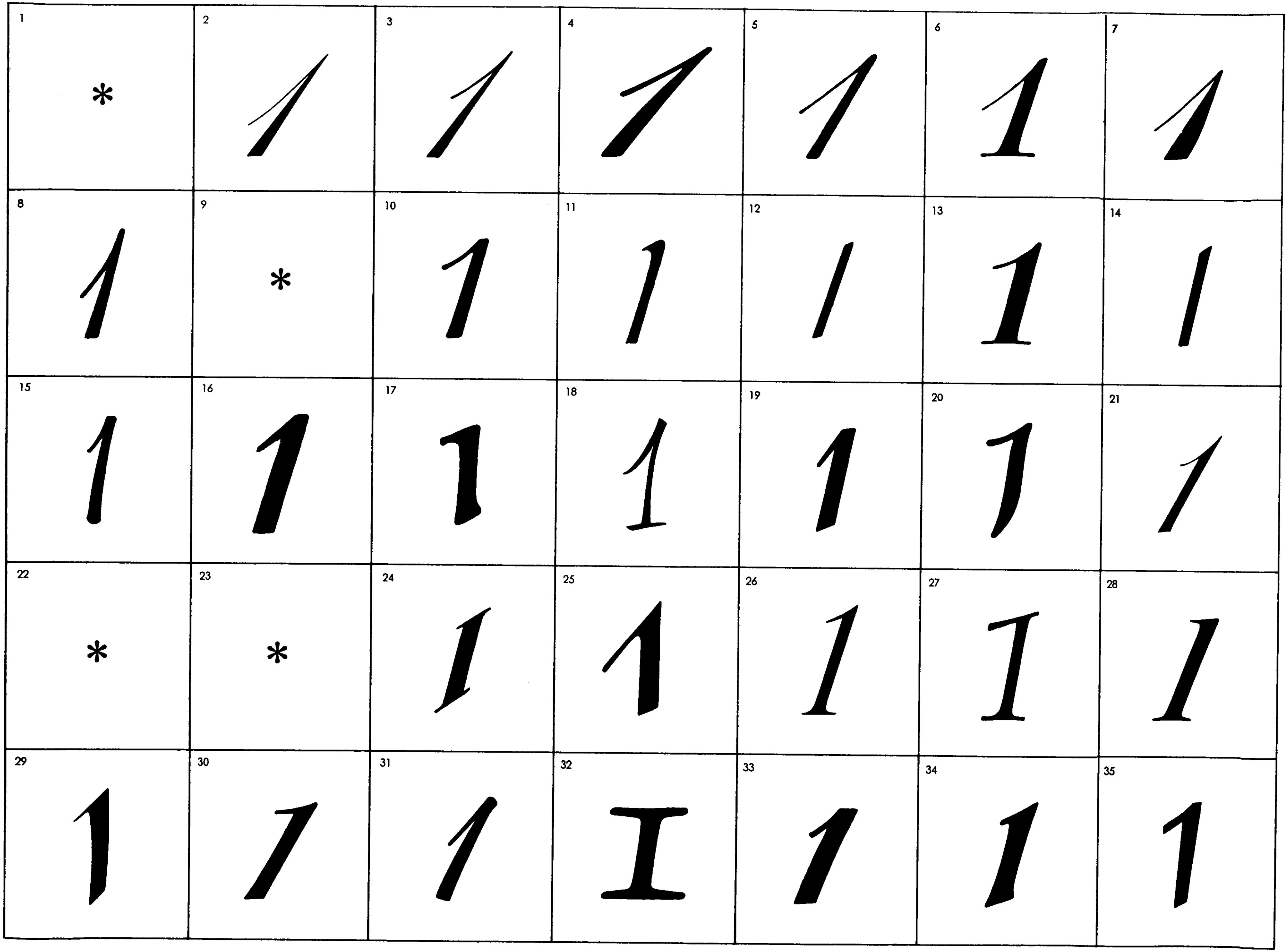
abcdefghijklmnopqrstuvwxyz

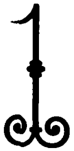
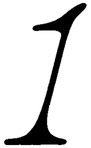
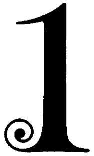
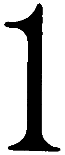
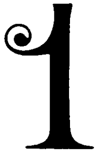
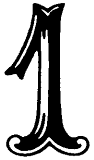
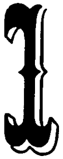
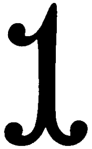
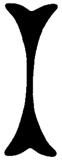
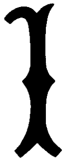
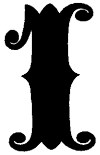
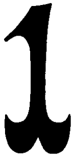
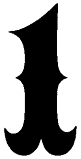
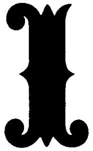
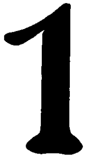
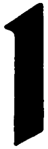
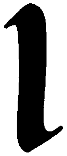
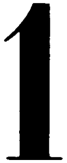
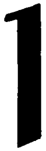
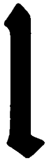
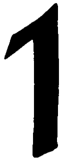
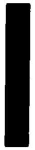
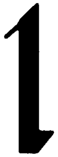
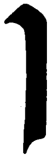
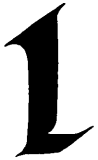
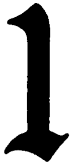
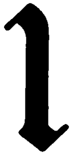
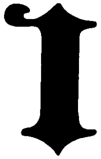
279

abcdefghijklmnopqrtsuvwxyz

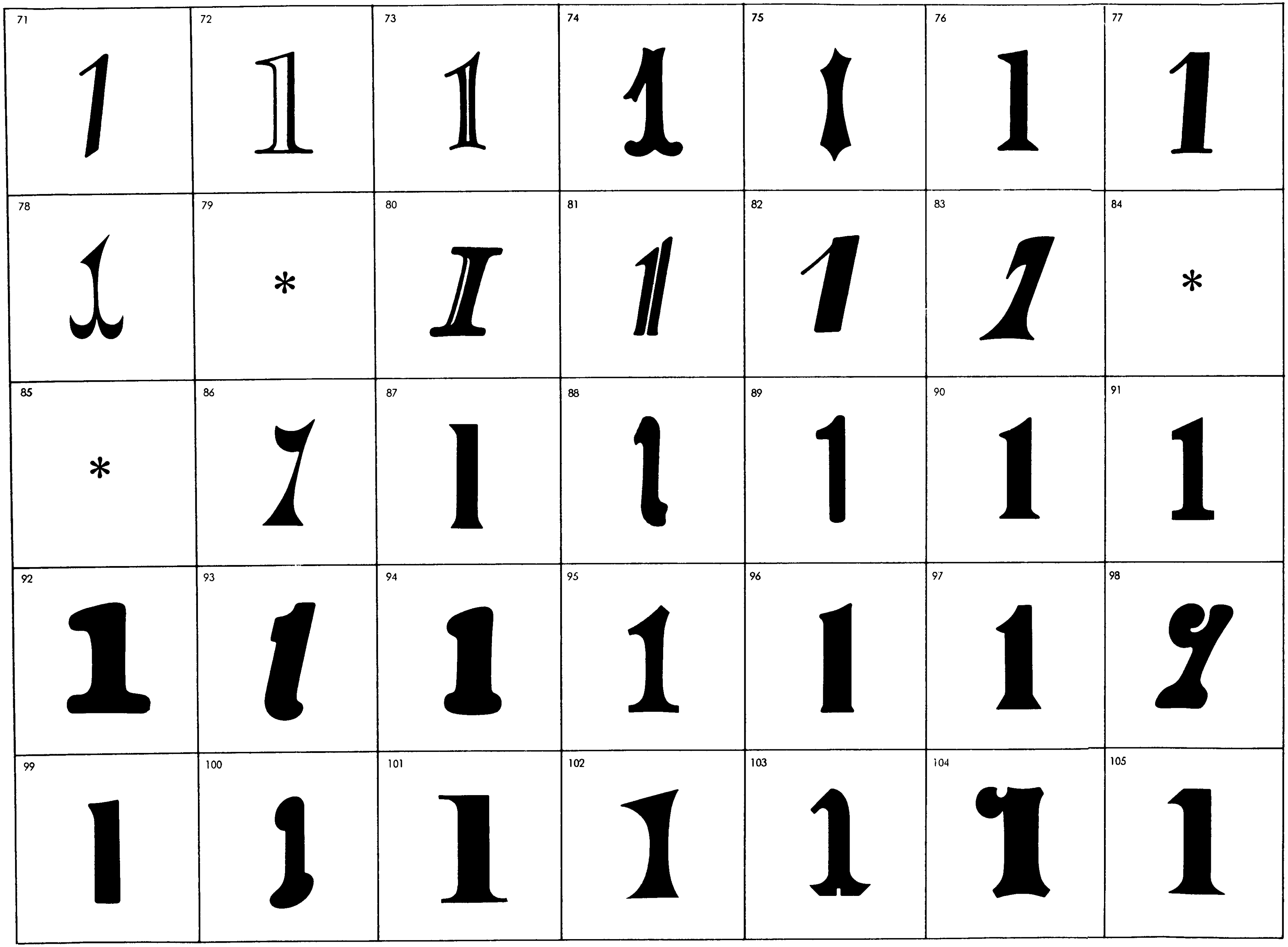
NUMERALS

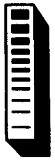
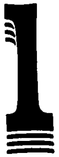
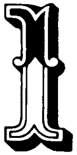
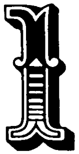
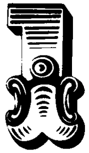
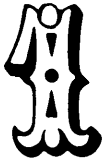
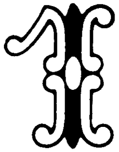
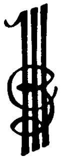
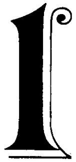
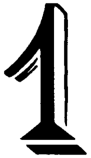
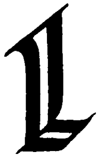
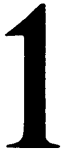
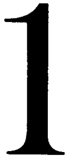
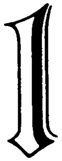
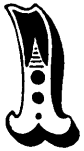
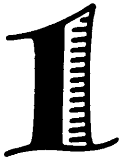
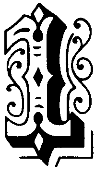
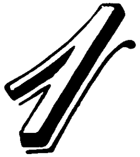
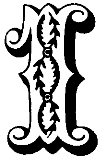
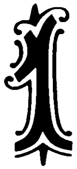
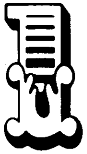
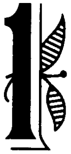
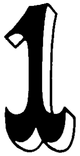
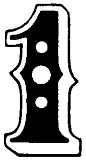
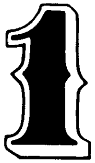
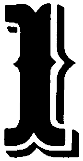
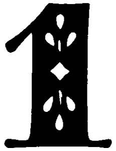
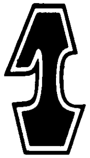
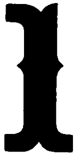
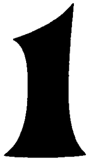
8901234567890123456789012345678901234567890123456789012345678901234567890123456789012345678901234567890123456789012345678901234567890

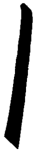

1 *
2
3
4
5
6
7
8
9 *
10
11
12
13
14
15
16
17
18
19
20
21
22 *
23 *
24
25
26
27
28
29
30
31
32
33
34
35

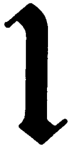
36 *	37 	38 	39 *	40 	41 	42 *
43 *	44 *	45 	46 *	47 	48 	49 
50 	51 	52 	53 	54 	55 	56 
57 	58 	59 	60 	61 	62 *	63 
64 	65 	66 	67 	68 	69 	70 

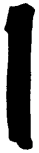
** Denotes that no numerals have been designed.*

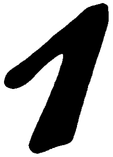

71
72
73
74
75
76
77
78
79
*
80
81
82
83
84
*
85
*
86
87
88
89
90
91
92
93
94
95
96
97
98
99
100
101
102
103
104
105

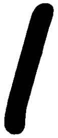
106 	107 	108 *	109 	110 	111 	112 
113 	114 	115 	116 	117 	118 	119 
120 	121 	122 	123 *	124 	125 *	126 
127 	128 	129 	130 *	131 	132 	133 
134 	135 	136 	137 *	138 	139 	140 

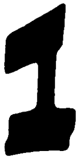
141


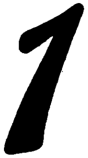
142


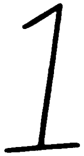
143


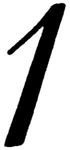
144


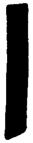
145


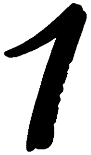
146


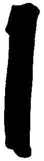
147


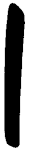
148


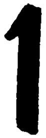
149


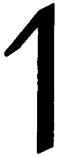
150


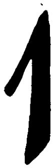
151


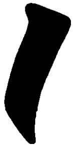
152


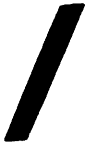
153


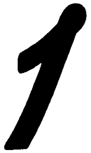
154


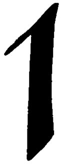
155


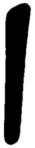
156


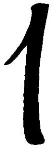
157


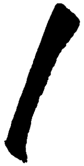
158


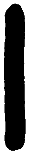
159


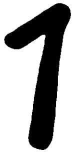
160


161


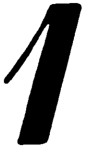
162


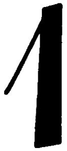
163


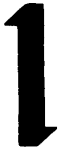
164


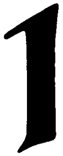
165


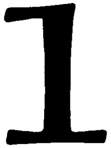
166
*

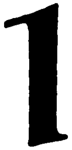
167


168


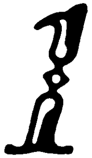
169


170


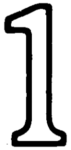
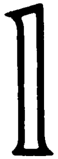
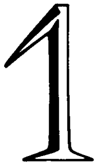
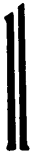
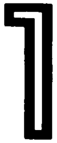
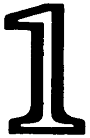
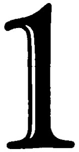
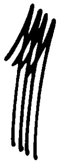
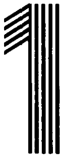
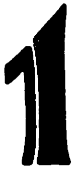
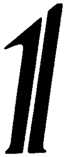
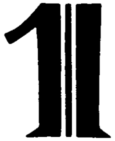
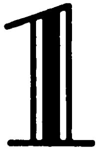
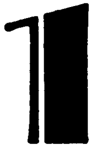
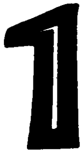
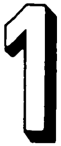
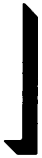
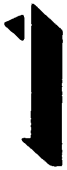
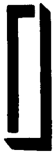
171


172


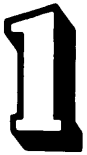
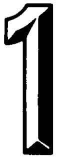
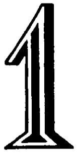
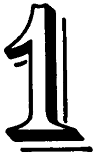
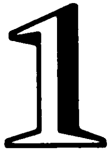
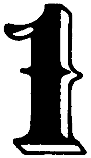
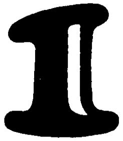
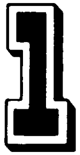
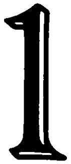
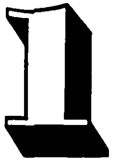
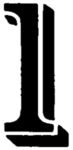
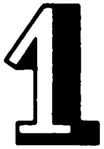
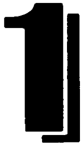
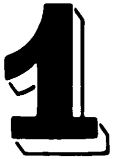
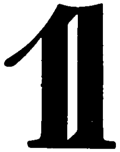
173
*

174


175
*

176

177

178

179

180

181

182

183

184

185

186

187

188

189

190

191

192

193

194

195

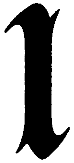
*

196

197

198

199

200

201

202

203

204

205

206

207

208

209

210


211

*

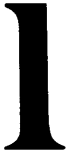
212



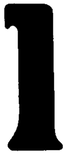
213

*

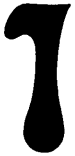
214



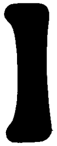
215



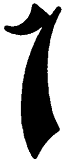
216



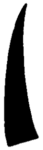
217



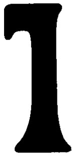
218



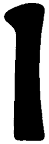
219



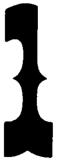
220



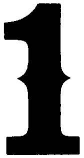
221



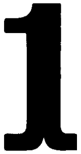
222



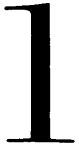
223



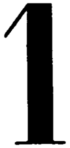
224



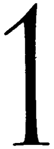
225



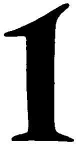
226



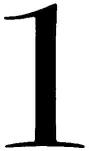
227



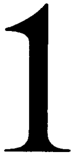
228



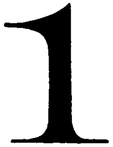
229



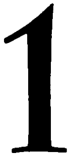
230



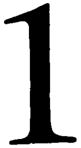
231



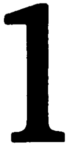
232



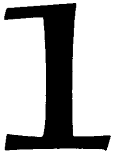
233



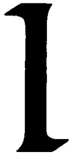
234



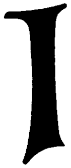
235



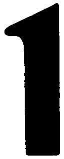
236



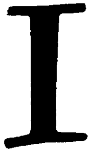
237



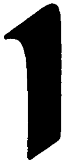
238



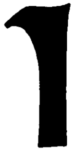
239



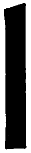
240



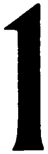
241



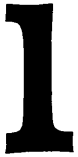
242



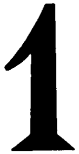
243

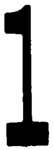


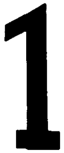
244

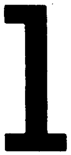


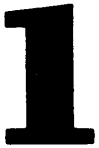
245



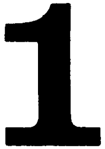
246


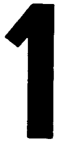
247


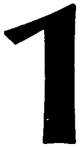
248


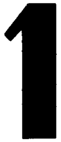
249


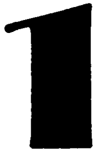
250

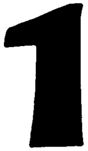
251


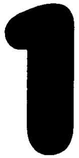
252


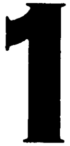
253


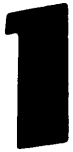
254


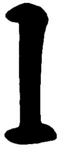
255


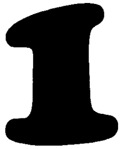
256


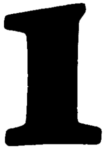
257


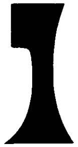
258


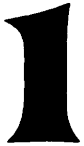
259


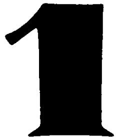
260


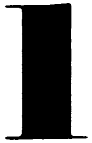
261


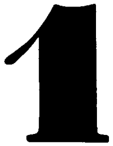
262


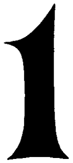
263


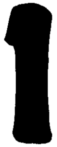
264


265


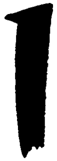
266


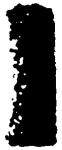
267


268


269


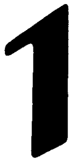
270

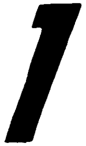
271


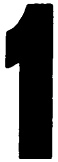
272


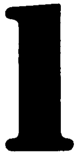
273

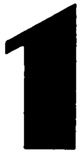
*

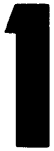
274


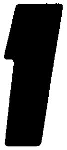
275


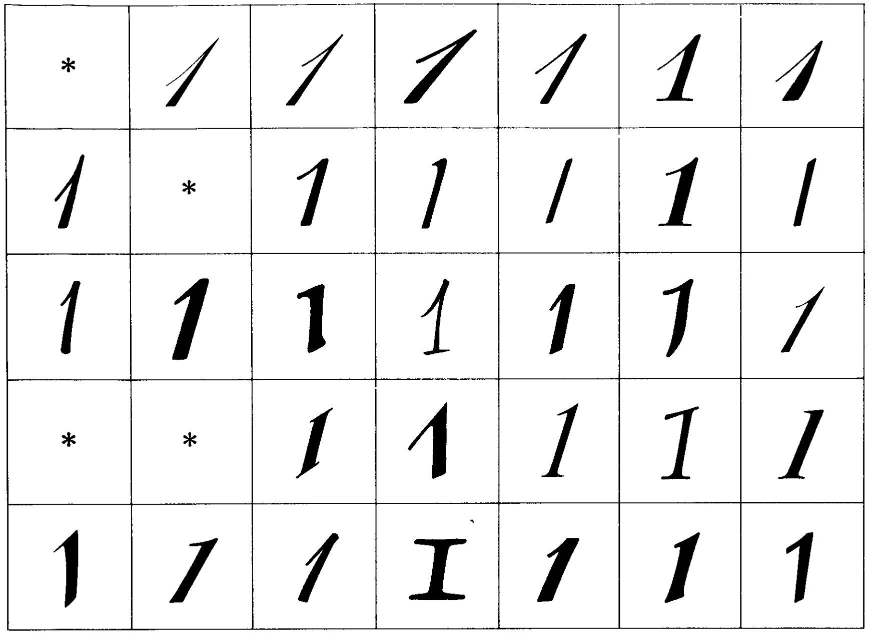
276


277


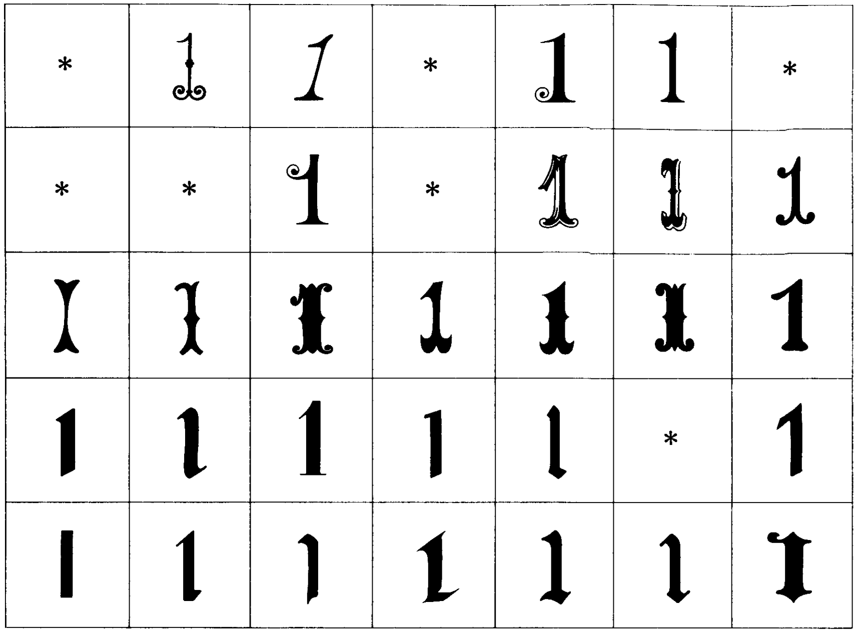
278


279


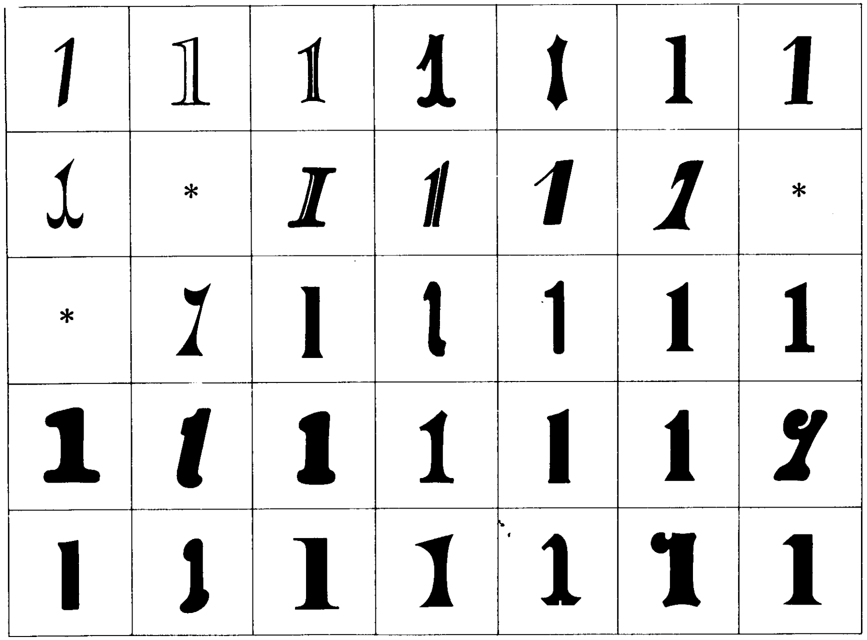
280




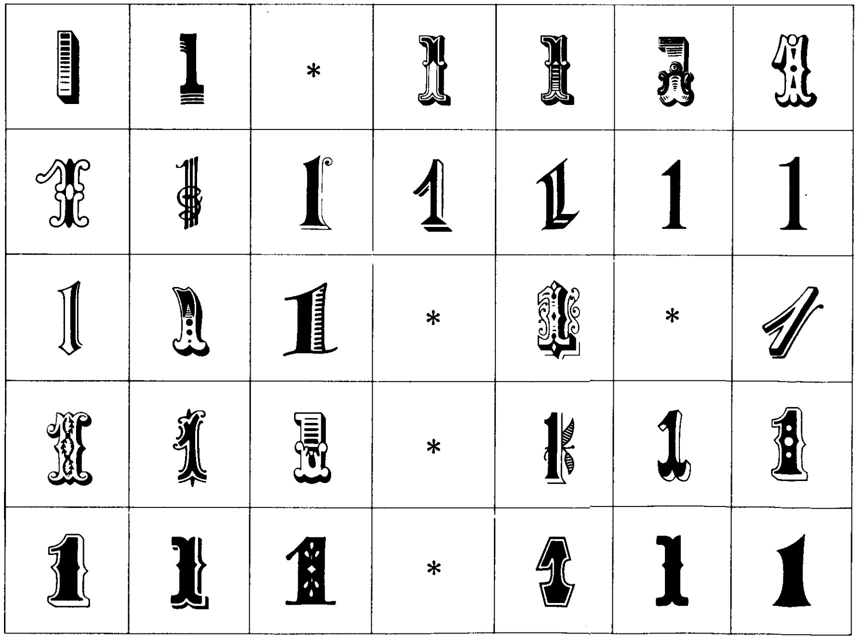
306



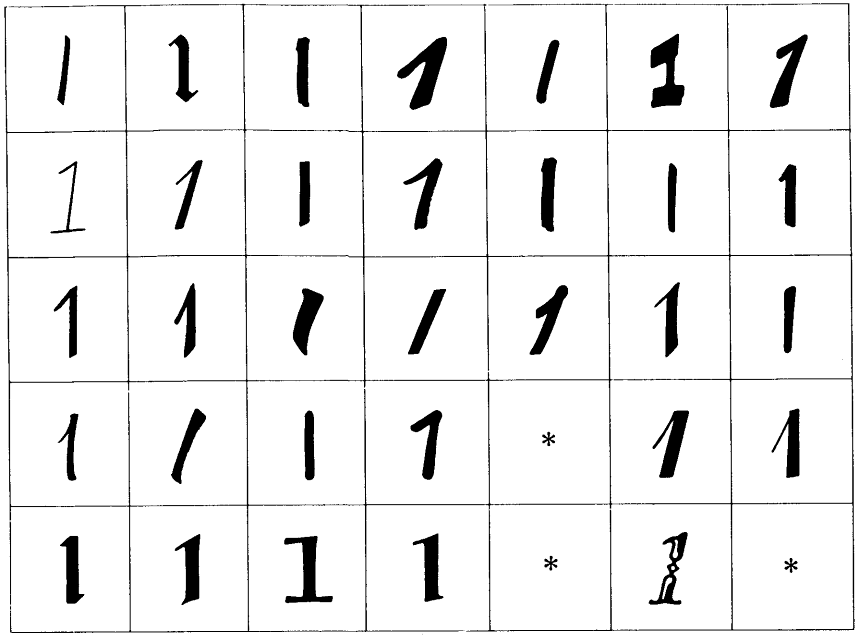
307



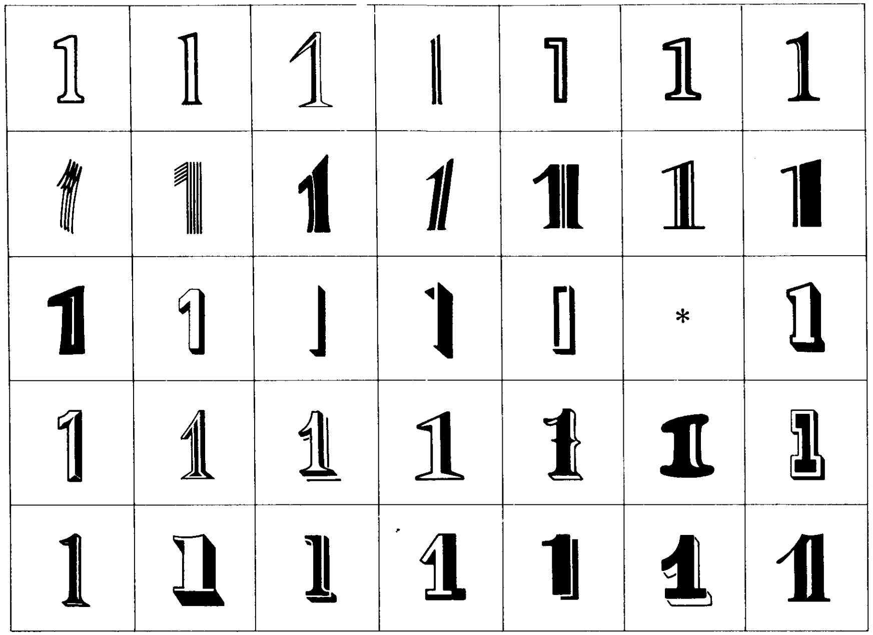
308



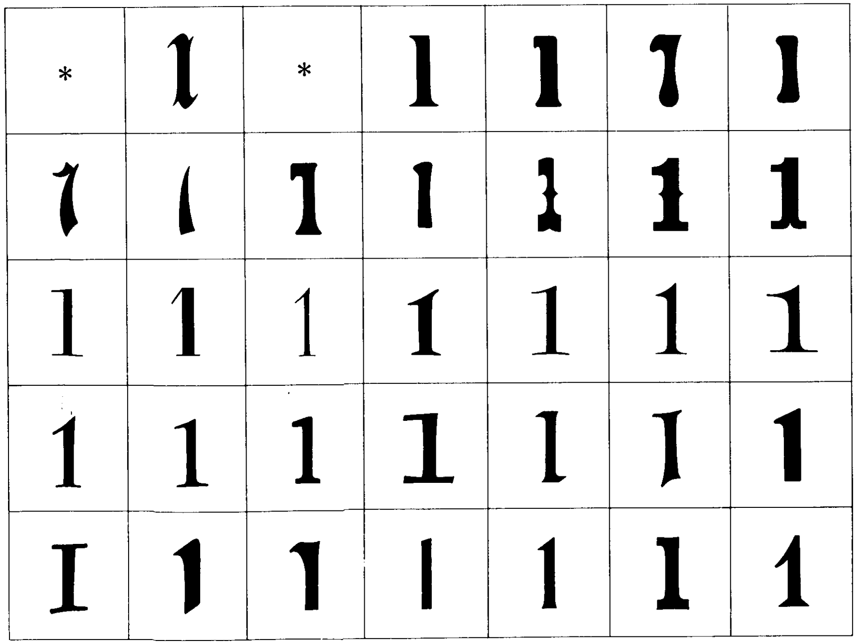
309



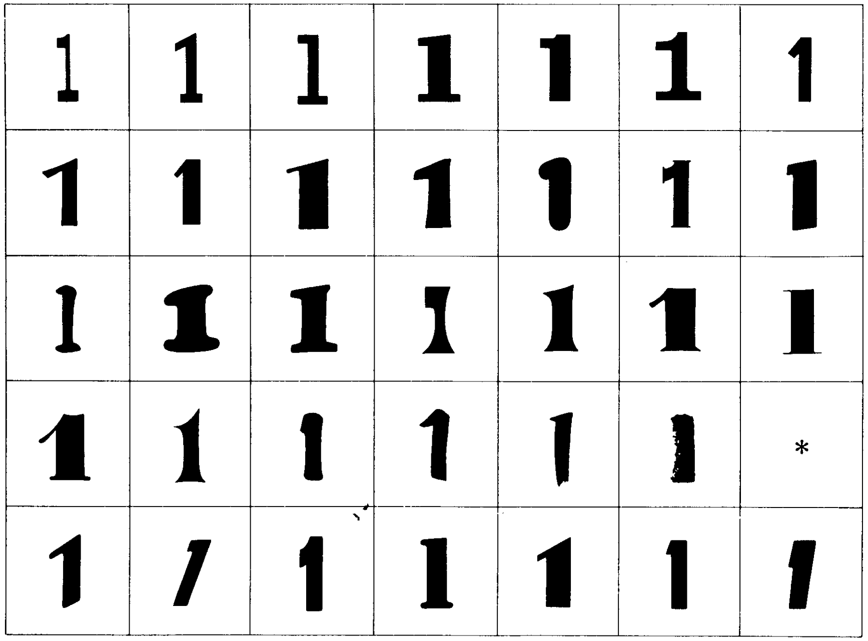
310



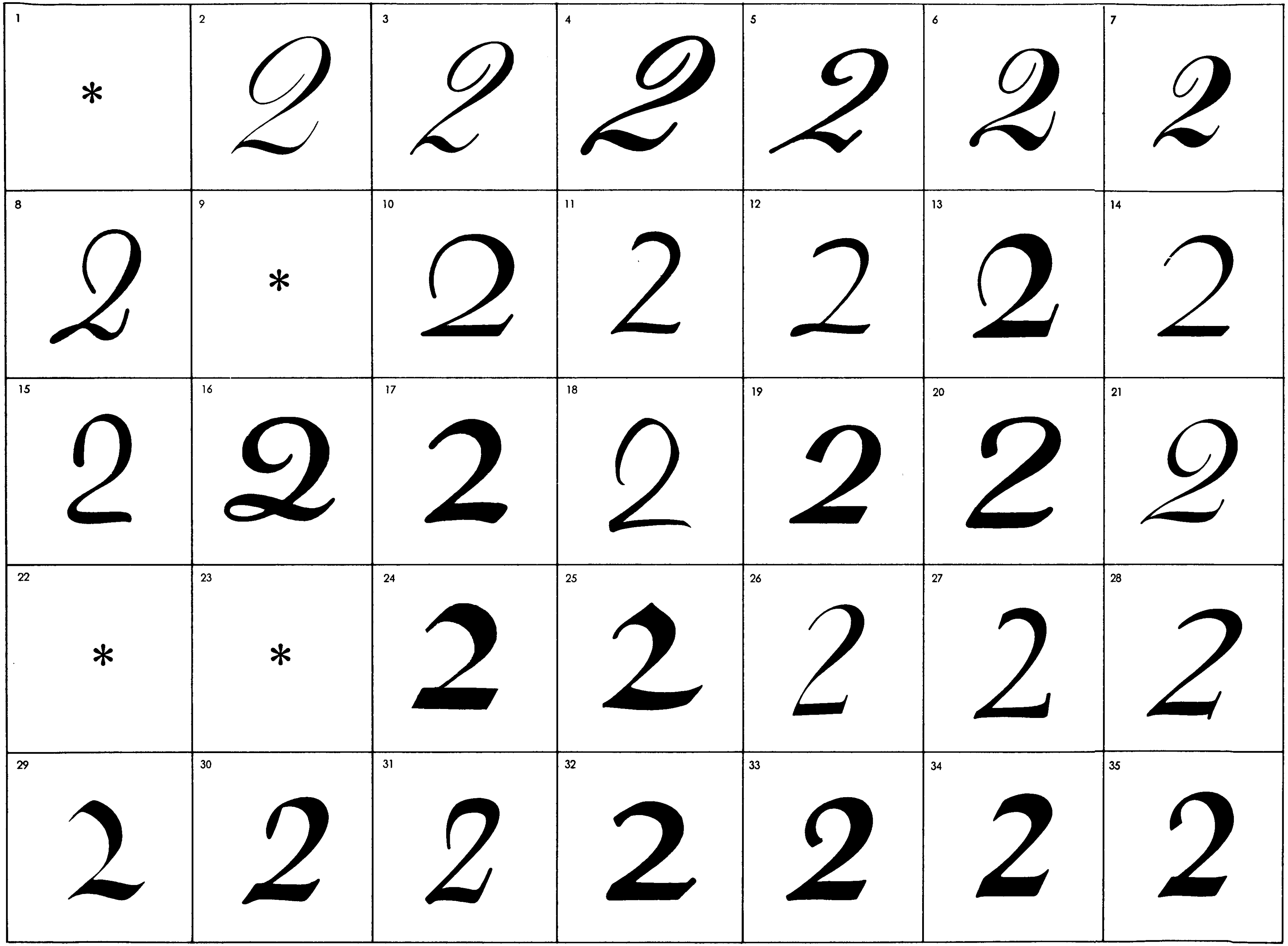
311

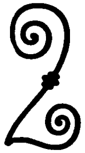
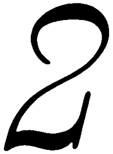
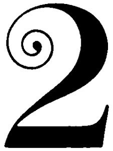
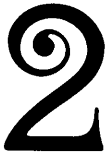
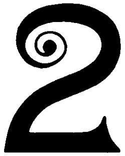
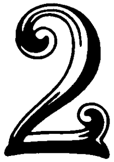
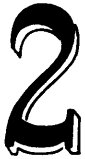
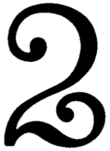
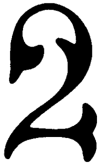
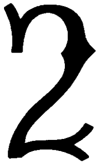
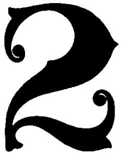
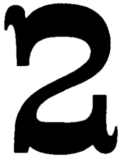
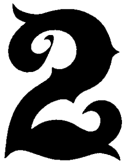
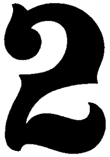
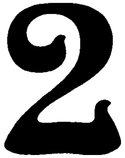
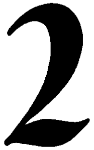
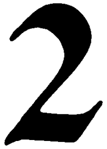
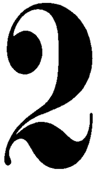
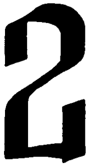
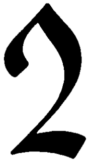
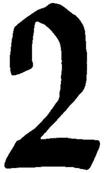
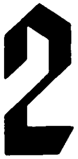
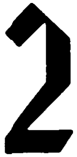
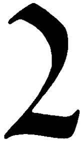
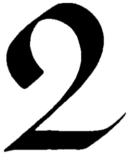
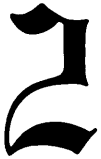
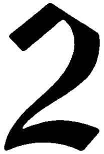
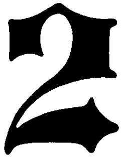


312



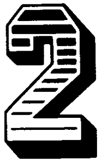
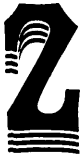
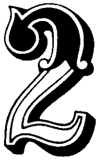
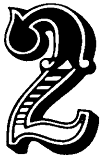
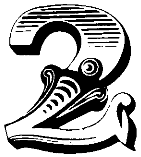
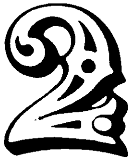
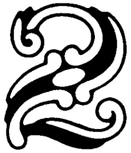
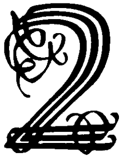
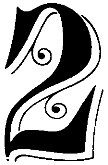
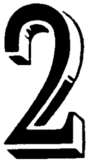
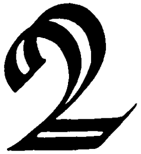
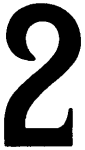
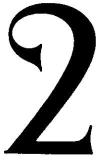
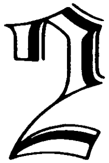
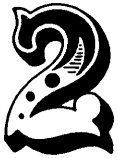
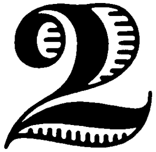
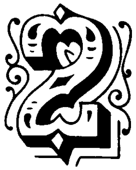
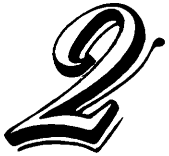
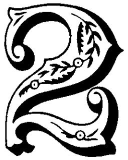
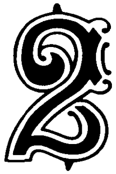
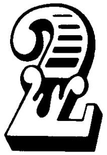
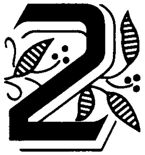
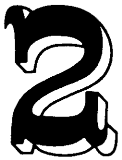
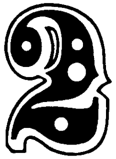
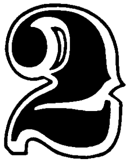
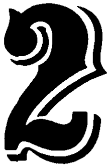
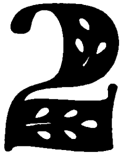
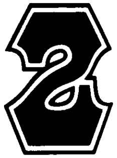
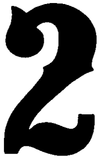
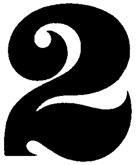
313

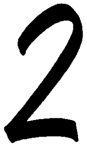

1 *
2
3
4
5
6
7
8
9 *
10
11
12
13
14
15
16
17
18
19
20
21
22 *
23 *
24
25
26
27
28
29
30
31
32
33
34
35

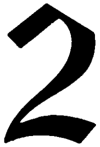
36 *	37 	38 	39 *	40 	41 	42 *
43 *	44 *	45 	46 *	47 	48 	49 
50 	51 	52 	53 	54 	55 	56 
57 	58 	59 	60 	61 	62 *	63 
64 	65 	66 	67 	68 	69 	70 

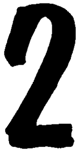
∗ Denotes that no numerals have been designed.

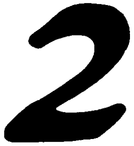
71 2	72 2	73 2	74 2	75 2	76 2	77 2
78 2	79 *	80 2	81 2	82 2	83 2	84 *
85 *	86 2	87 2	88 2	89 2	90 2	91 2
92 2	93 2	94 2	95 2	96 2	97 2	98 2
99 2	100 2	101 2	102 2	103 2	104 2	105 2

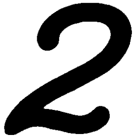
106 	107 	108 *	109 	110 	111 	112 
113 	114 	115 	116 	117 	118 	119 
120 	121 	122 	123 *	124 	125 *	126 
127 	128 	129 	130 *	131 	132 	133 
134 	135 	136 	137 *	138 	139 	140 

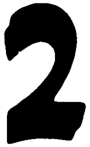
141


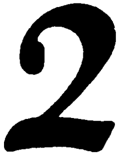
142


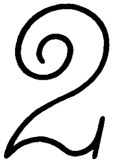
143


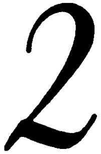
144


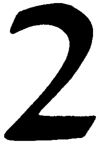
145


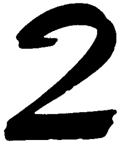
146


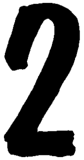
147


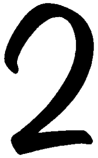
148


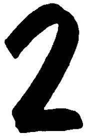
149


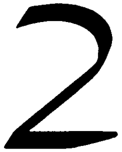
150


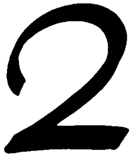
151


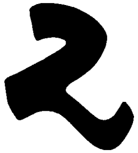
152


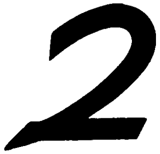
153


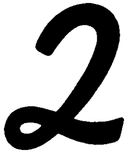
154


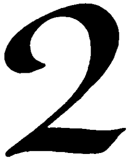
155


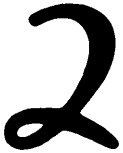
156


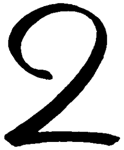
157


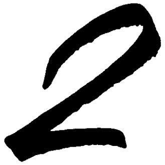
158


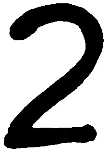
159


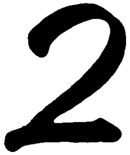
160


161


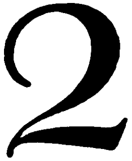
162


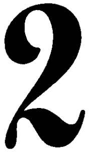
163


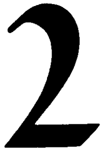
164


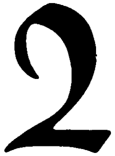
165


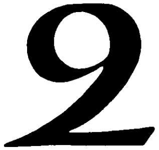
166
*

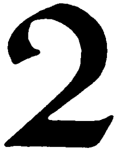
167


168


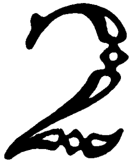
169


170


171


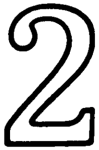
172


173
*

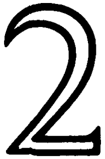
174


175
*

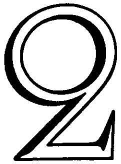
176



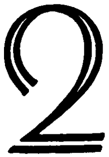
177



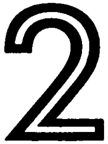
178



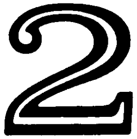
179



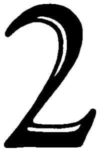
180



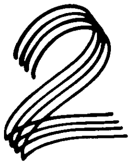
181



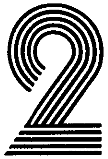
182



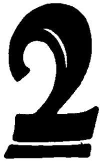
183



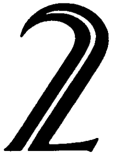
184



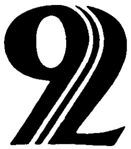
185



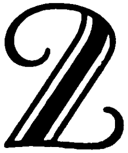
186



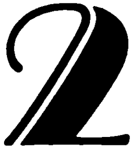
187



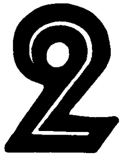
188



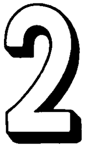
189



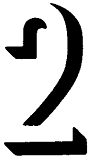
190



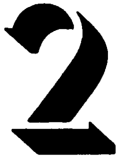
191



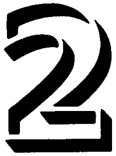
192



193



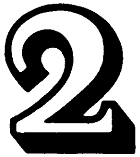
194



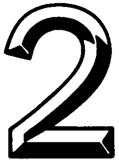
195

*

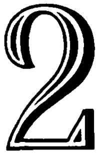
196



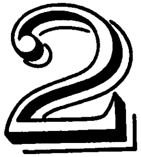
197



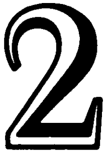
198



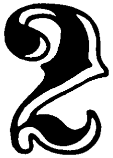
199



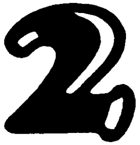
200



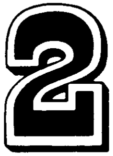
201



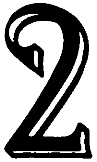
202



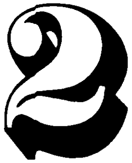
203



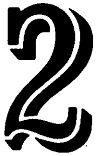
204



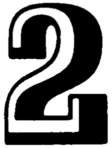
205



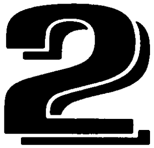
206



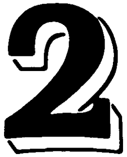
207



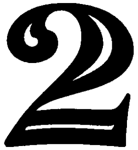
208

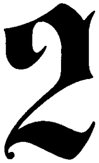
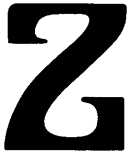
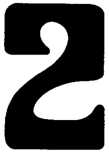
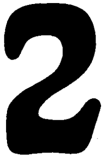
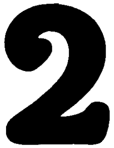
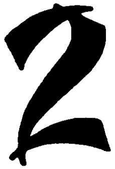
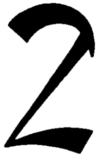
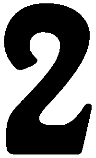
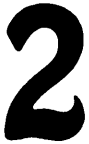
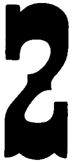
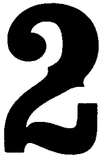
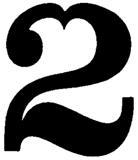
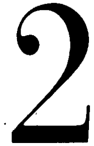
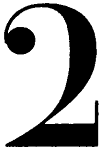
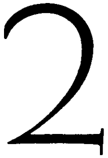
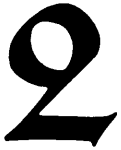
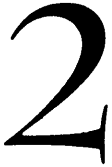
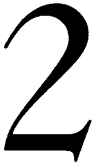
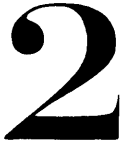
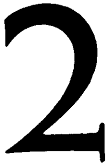
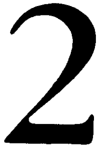
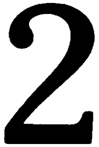
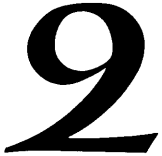
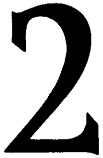
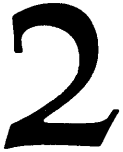
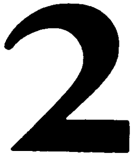
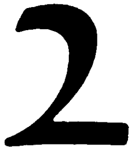
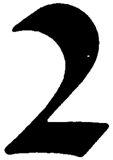
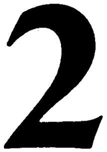
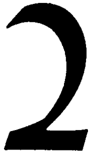
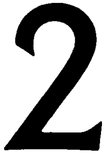
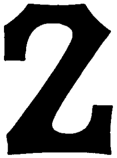
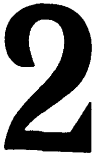


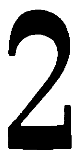
209

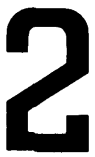


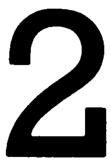
210

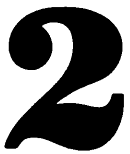


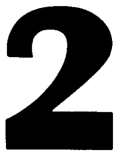
211 *	212 	213 *	214 	215 	216 	217 
218 	219 	220 	221 	222 	223 	224 
225 	226 	227 	228 	229 	230 	231 
232 	233 	234 	235 	236 	237 	238 
239 	240 	241 	242 	243 	244 	245 

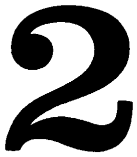
246


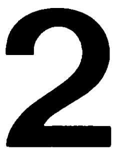
247


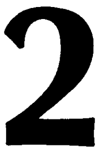
248


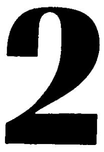
249


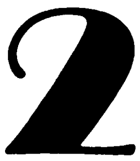
250


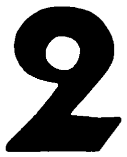
251


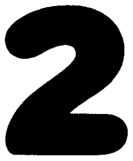
252


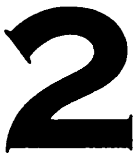
253


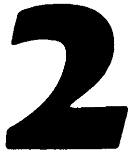
254


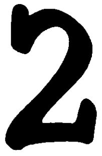
255


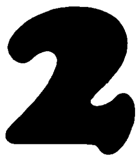
256


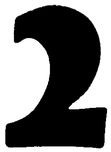
257


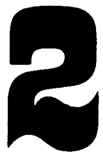
258


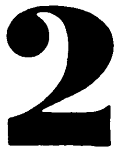
259


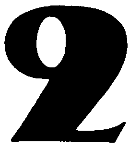
260


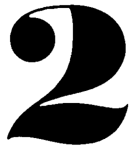
261


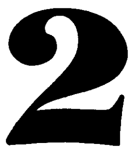
262


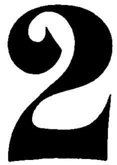
263


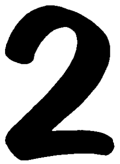
264


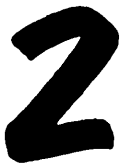
265


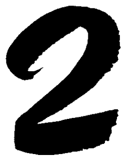
266


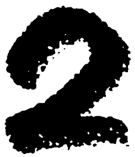
267


268


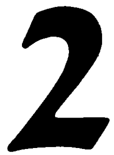
269


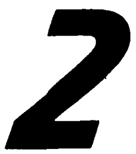
270


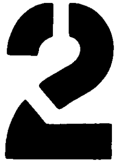
271


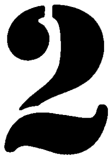
272


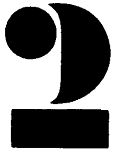
273
*

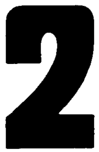
274


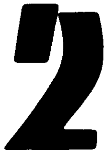
275


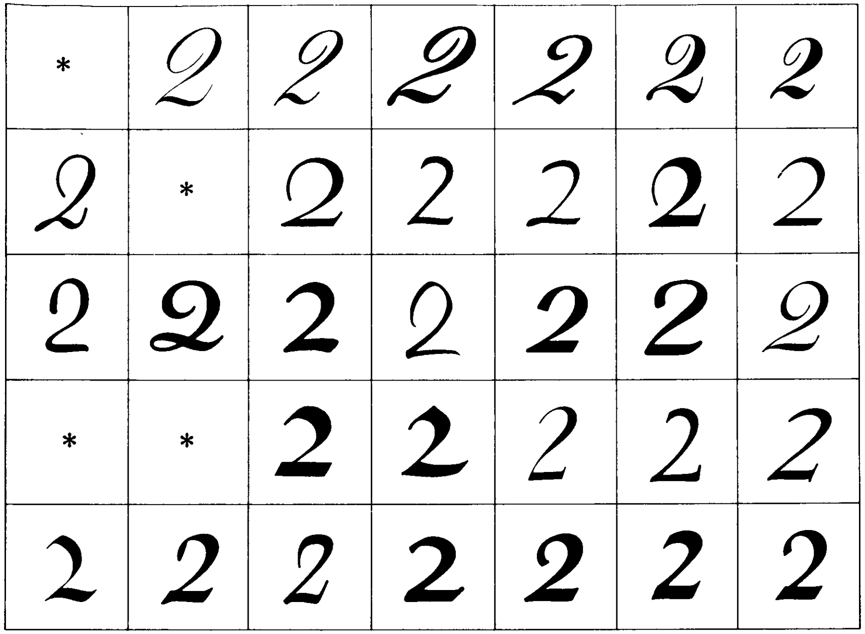
276


277


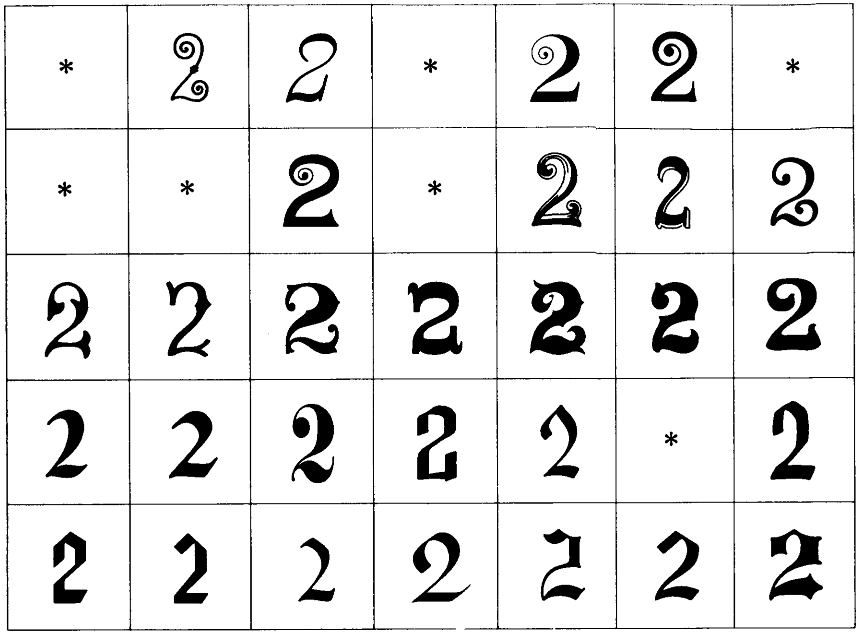
278


279


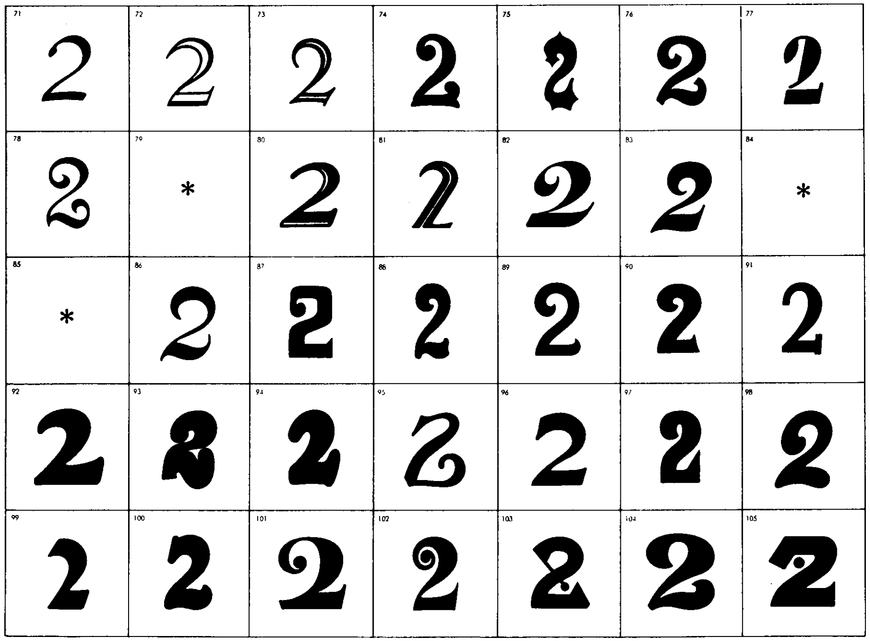
280




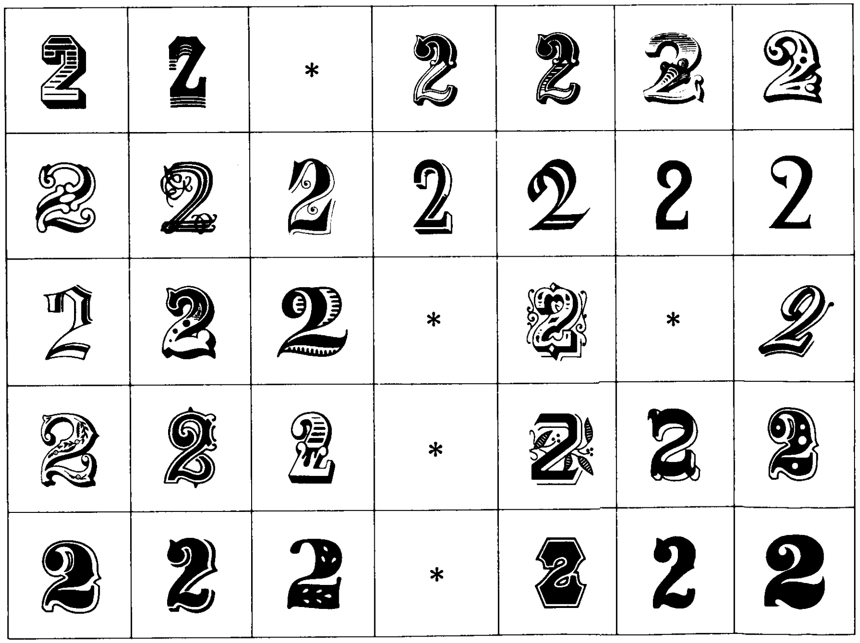
316



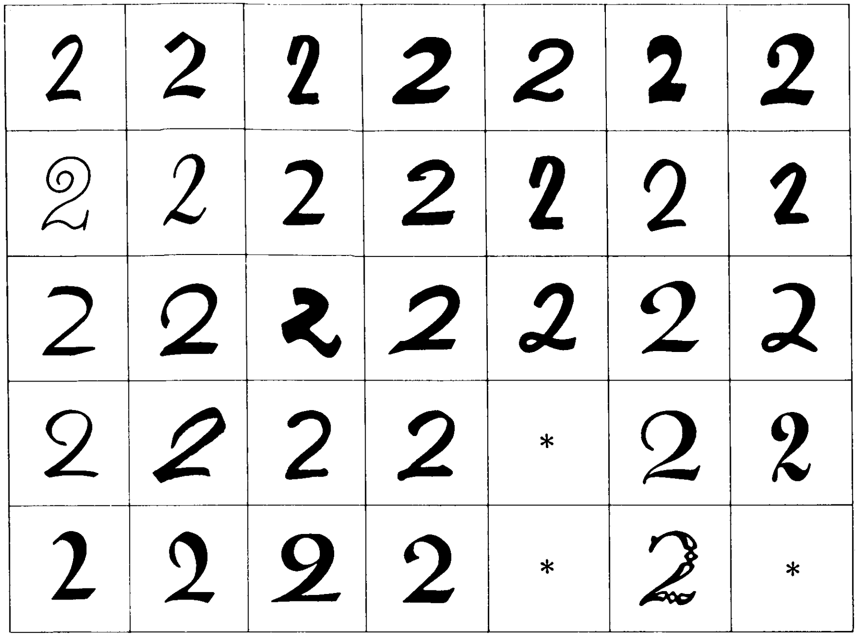
317


71
72
73
74
75
76
77
78
79
80
81
82
83
84
85
86
87
88
89
90
91
92
93
94
95
96
97
98
99
100
101
102
103
104
105

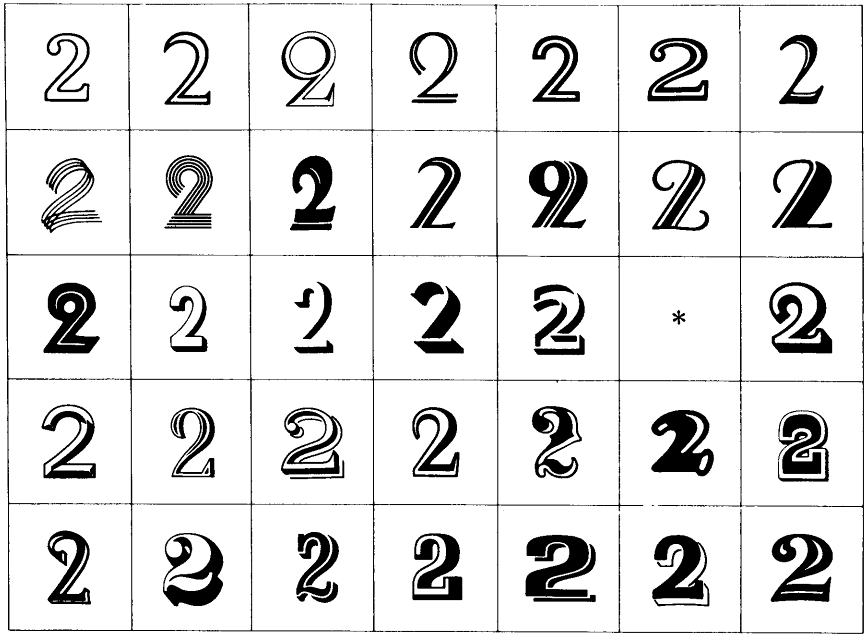
318



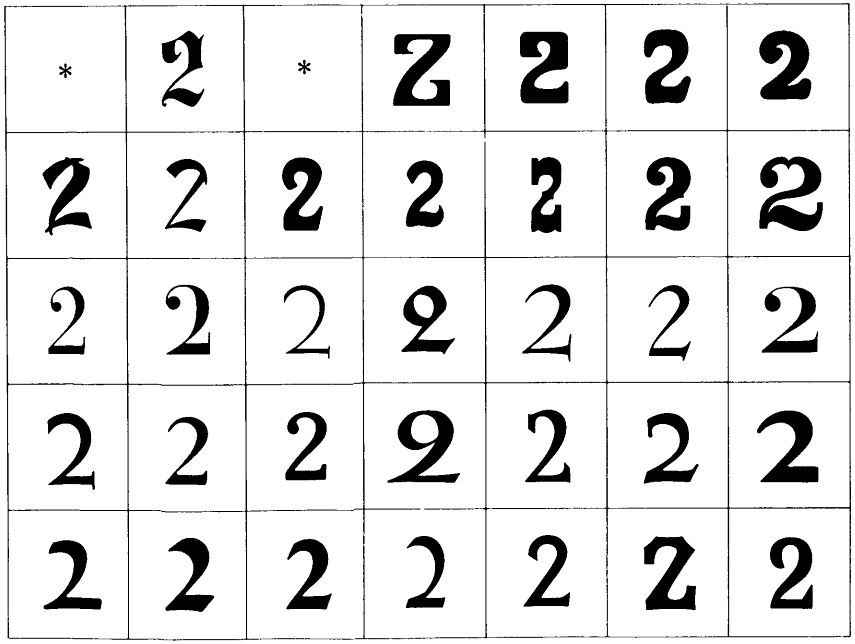
319



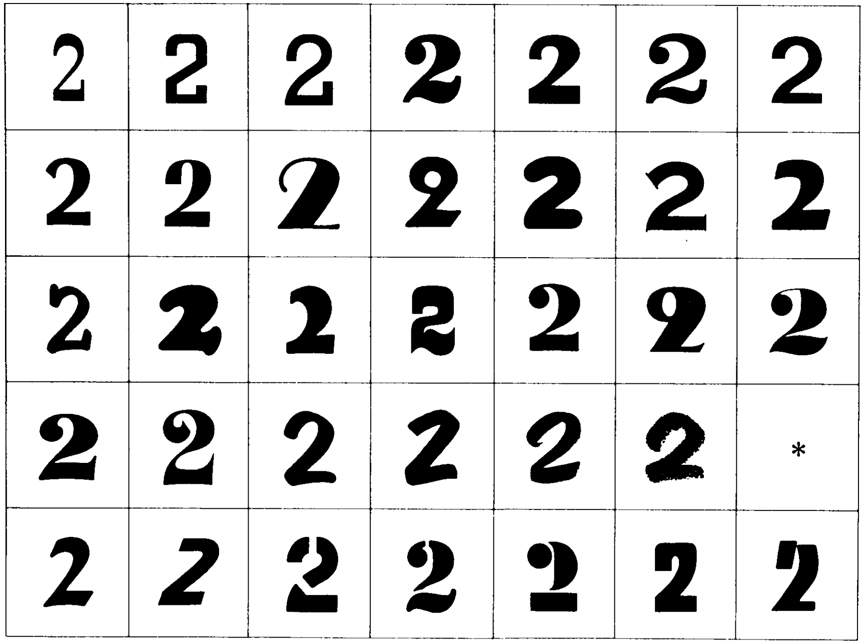
320



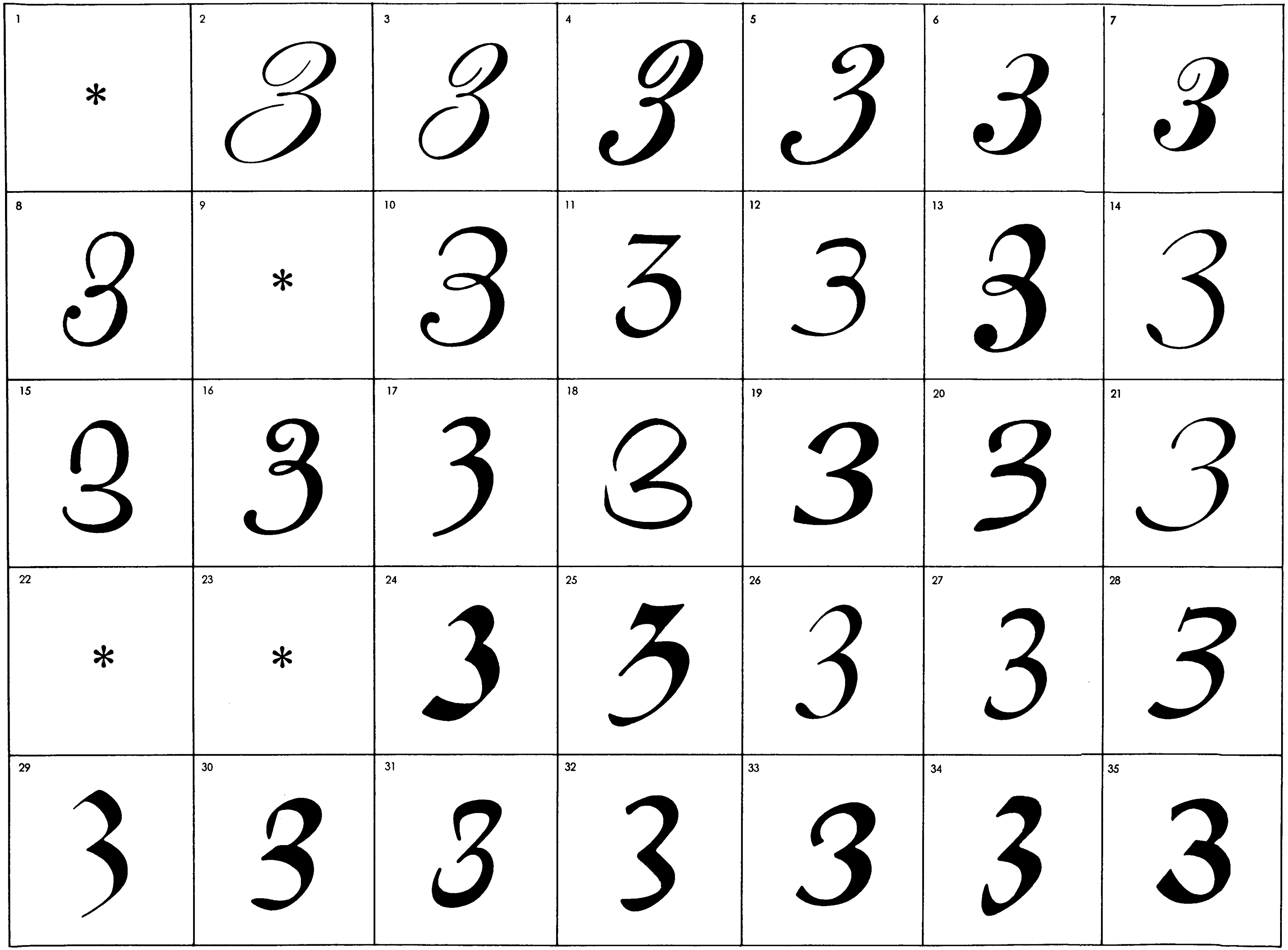
321

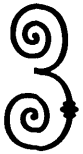
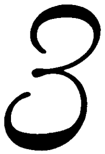
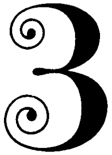
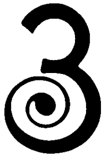
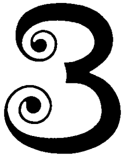
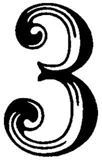
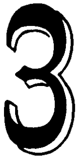
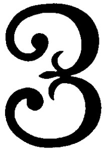
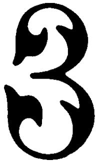
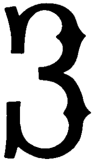
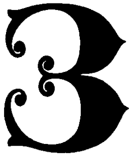
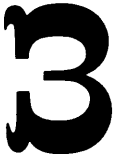
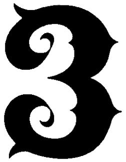
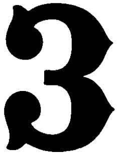
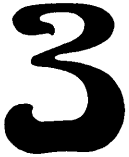
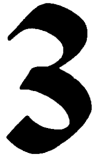
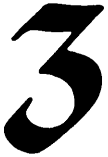
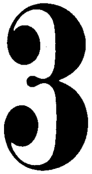
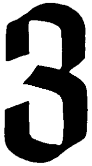
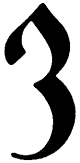
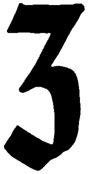
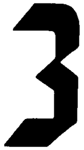
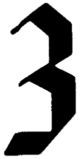
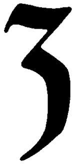
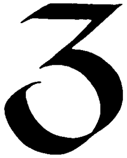
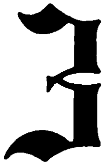
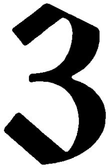
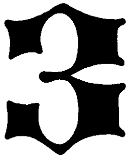


322

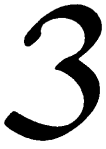
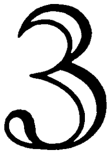
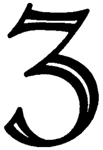
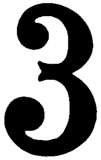
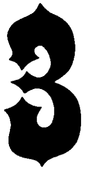
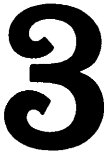
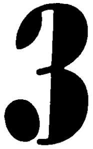
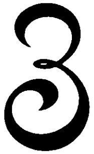
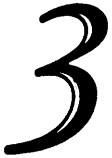
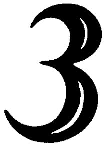
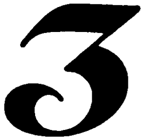
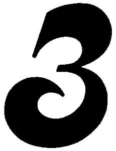
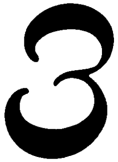
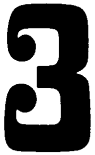
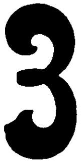
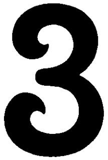
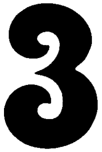
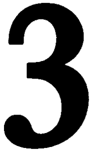
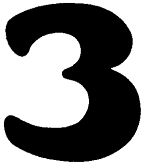
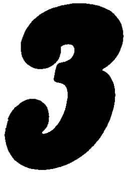
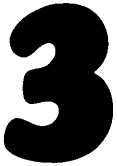
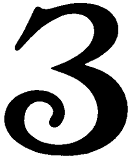
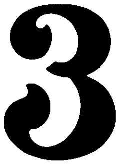
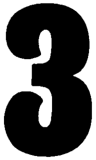
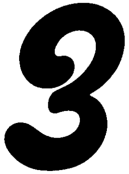
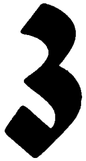
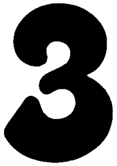
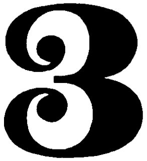
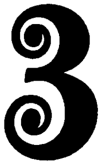
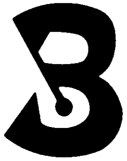
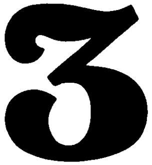
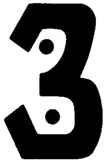


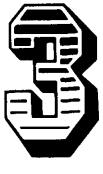
323

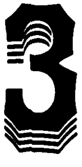

1
*
2
3
4
5
6
7
8
9
*
10
11
12
13
14
15
16
17
18
19
20
21
22
*
23
*
24
25
26
27
28
29
30
31
32
33
34
35

36 *	37 	38 	39 *	40 	41 	42 *
43 *	44 *	45 	46 *	47 	48 	49 
50 	51 	52 	53 	54 	55 	56 
57 	58 	59 	60 	61 	62 *	63 
64 	65 	66 	67 	68 	69 	70 

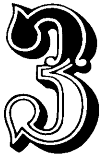
∗ Denotes that no numerals have been designed.

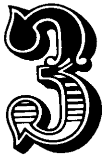
71 	72 	73 	74 	75 	76 	77 
78 	79 *	80 	81 	82 	83 	84 *
85 *	86 	87 	88 	89 	90 	91 
92 	93 	94 	95 	96 	97 	98 
99 	100 	101 	102 	103 	104 	105 

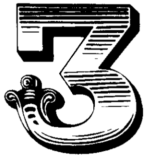
106


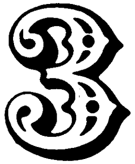
107


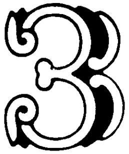
108
*

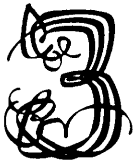
109


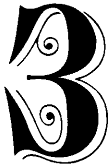
110


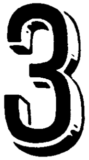
111


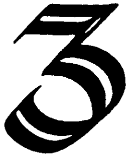
112


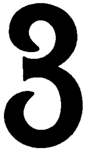
113


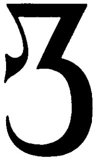
114


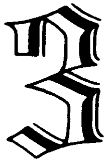
115


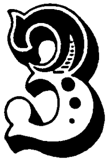
116


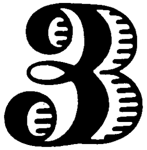
117


118


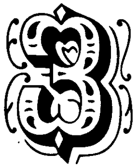
119


120


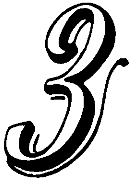
121


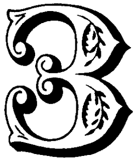
122


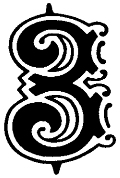
123
*

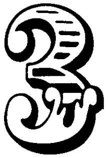
124


125
*

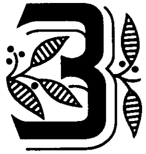
126


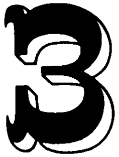
127


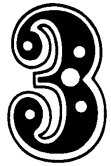
128


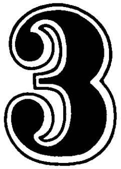
129


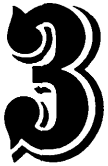
130
*

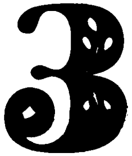
131


132


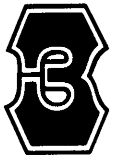
133


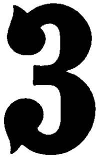
134


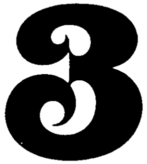
135


136


137
*

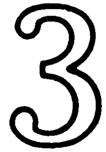
138


139


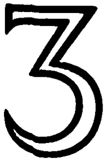
140


141 3	142 3	143 3	144 3	145 3	146 3	147 3
148 3	149 3	150 3	151 3	152 3	153 3	154 3
155 3	156 3	157 3	158 3	159 3	160 3	161 3
162 3	163 3	164 3	165 3	166 *	167 3	168 3
169 3	170 3	171 3	172 3	173 *	174 3	175 *

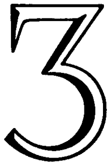
176



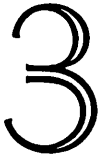
177



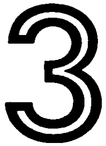
178



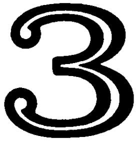
179



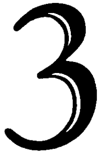
180



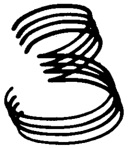
181



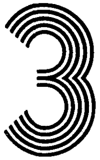
182



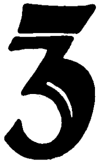
183



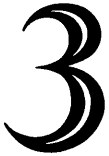
184



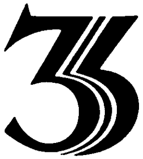
185



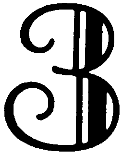
186



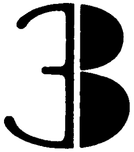
187



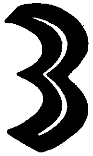
188



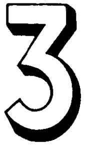
189



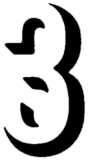
190



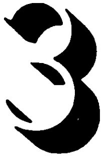
191



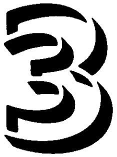
192



193



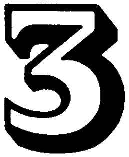
194



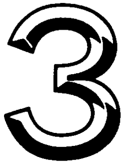
195

*

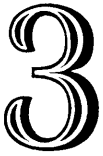
196



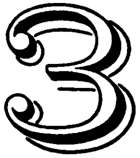
197



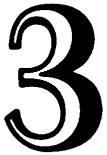
198



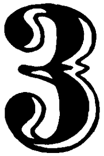
199



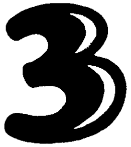
200



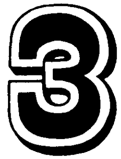
201



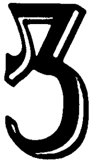
202



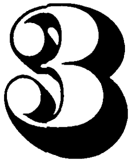
203



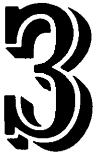
204



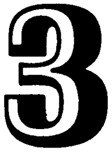
205



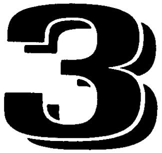
206



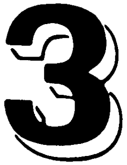
207



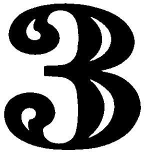
208



209



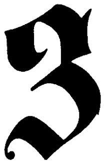
210



211

*

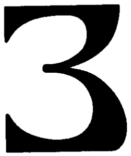
212



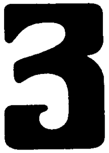
213

*

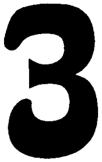
214



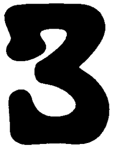
215



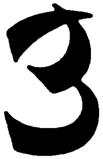
216



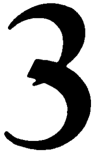
217



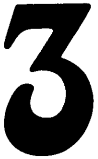
218



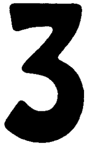
219



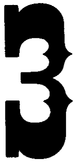
220



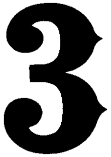
221



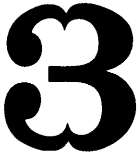
222



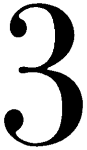
223



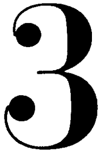
224



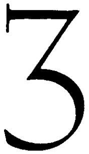
225



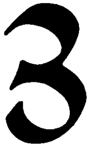
226



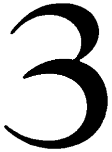
227



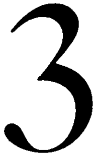
228



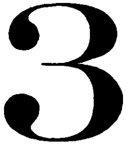
229



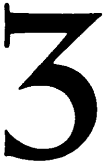
230



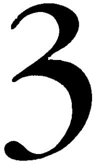
231



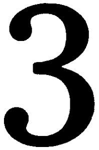
232



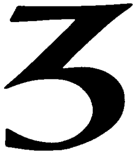
233



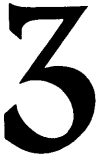
234



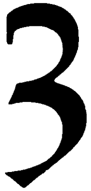
235



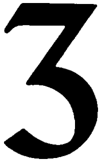
236



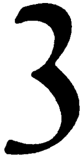
237



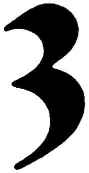
238



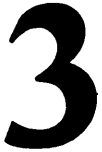
239



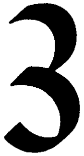
240



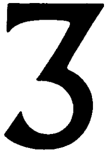
241



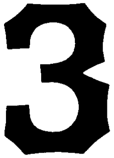
242



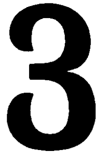
243



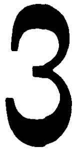
244



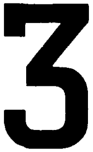
245



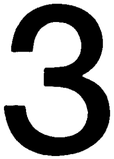
246



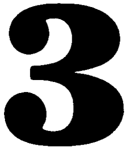
247



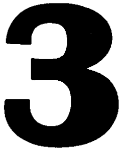
248



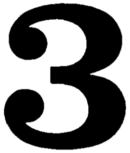
249



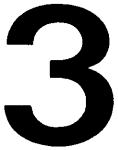
250



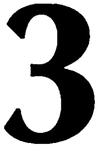
251



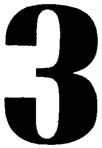
252



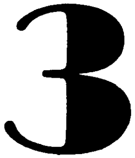
253



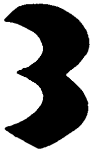
254



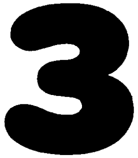
255



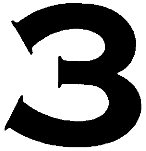
256



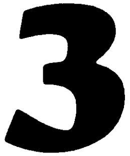
257



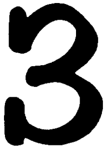
258



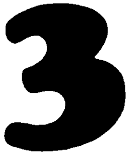
259



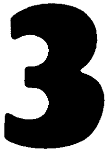
260



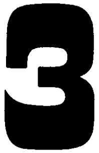
261



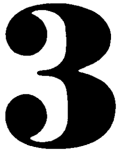
262



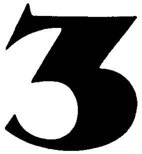
263



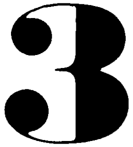
264



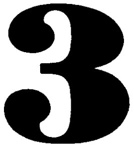
265



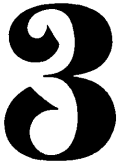
266



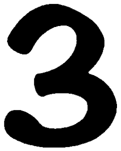
267



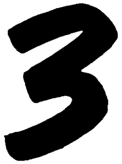
268



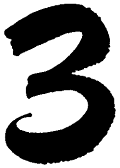
269



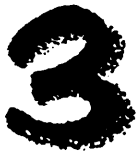
270



271



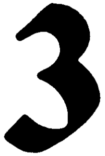
272



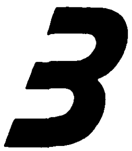
273

*

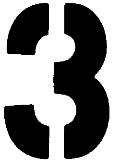
274



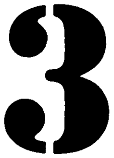
275



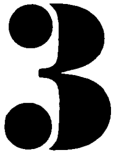
276



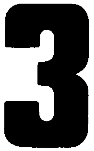
277



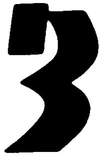
278

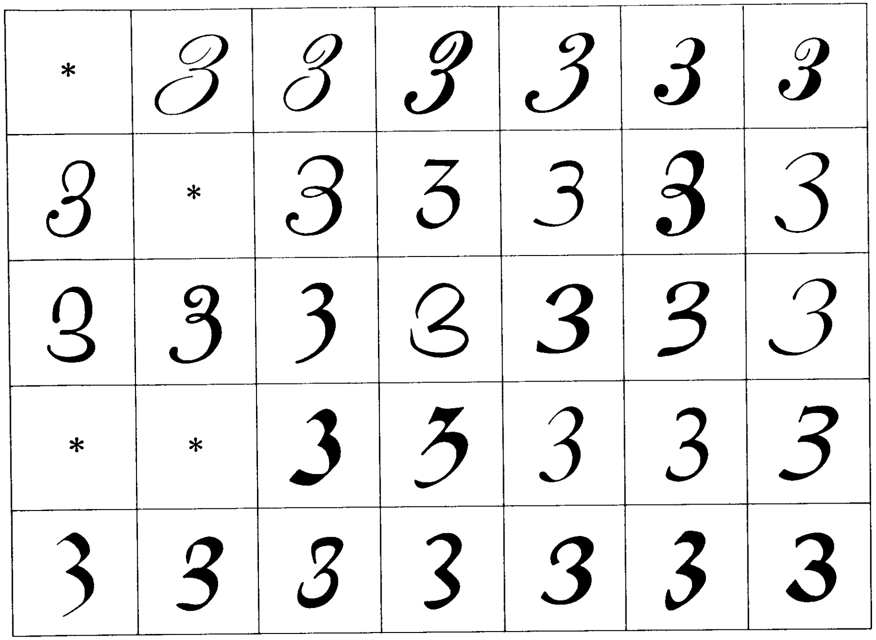


279

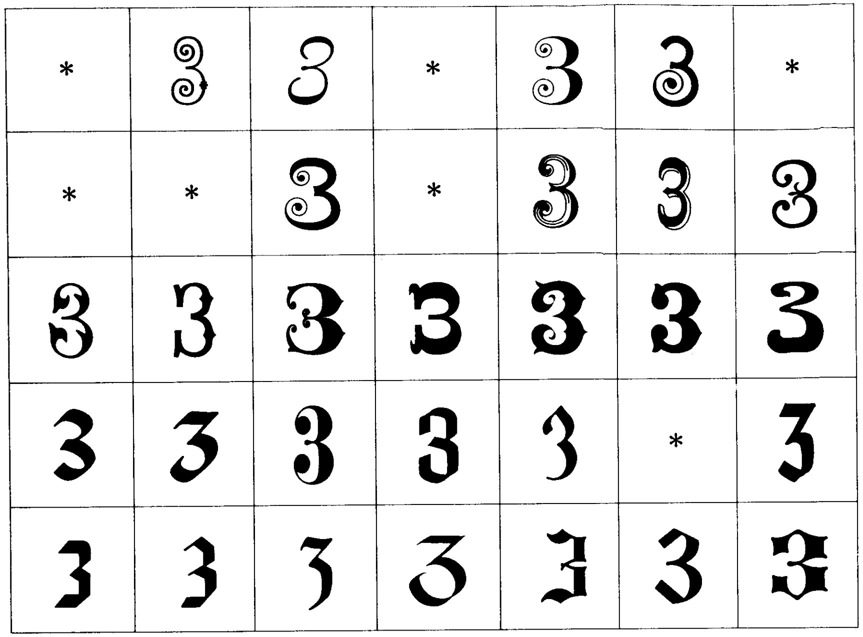


280

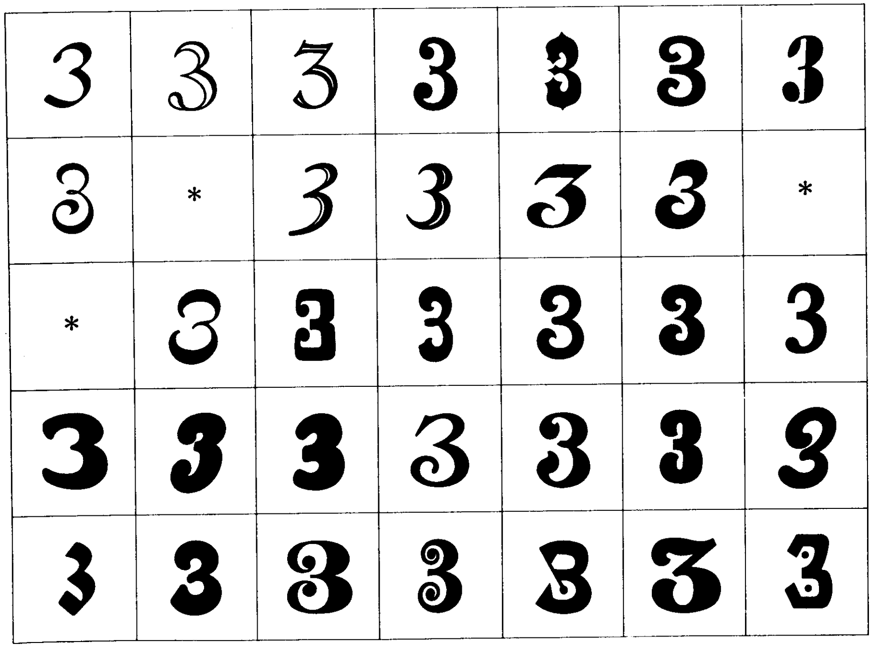




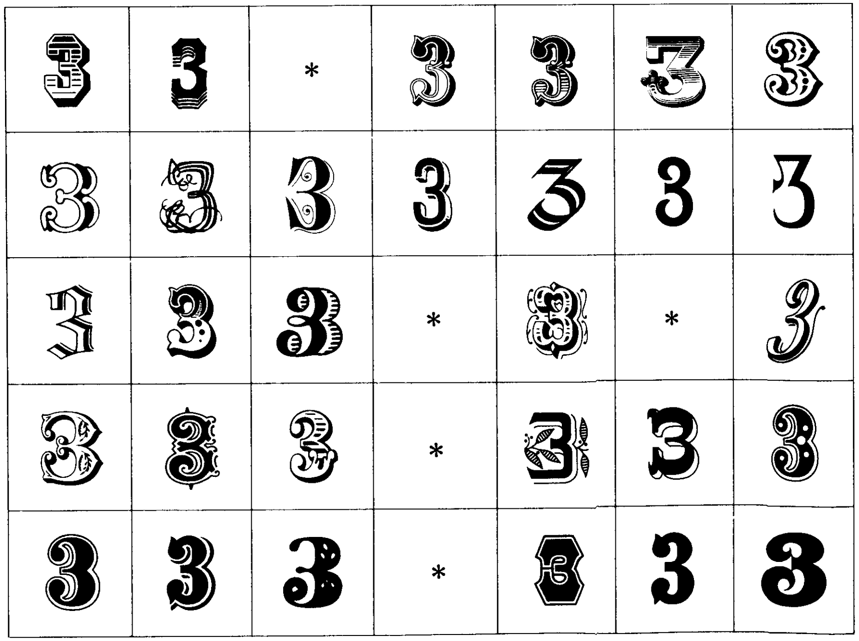
326



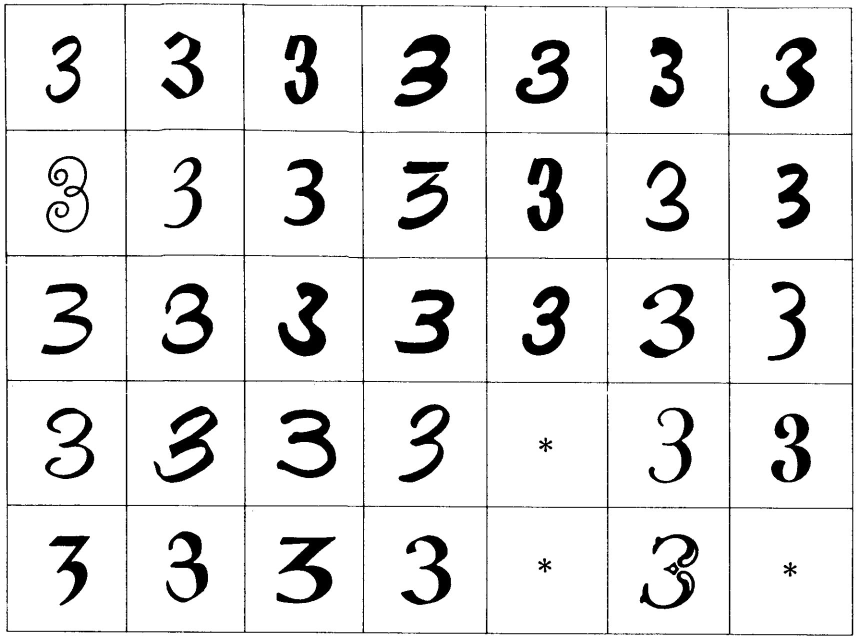
327

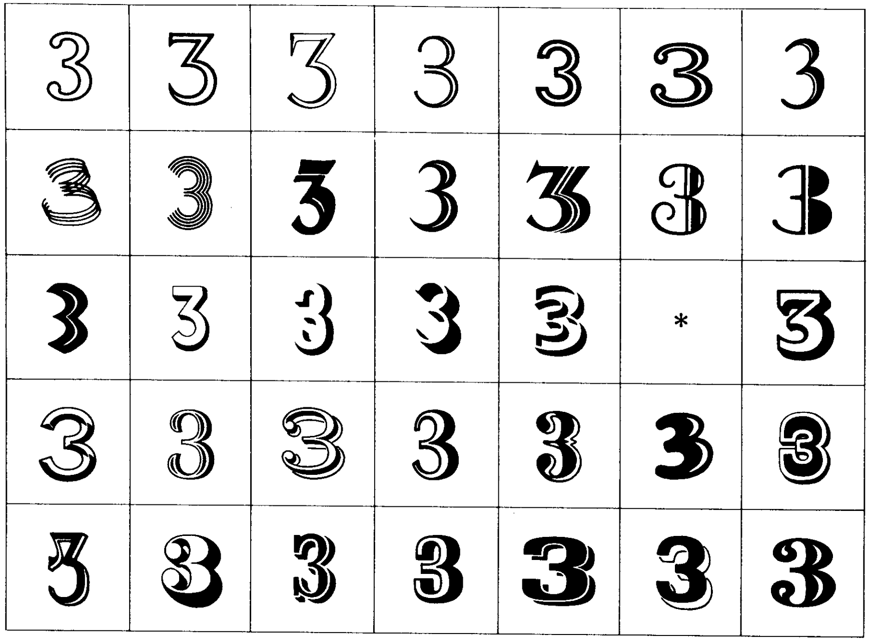


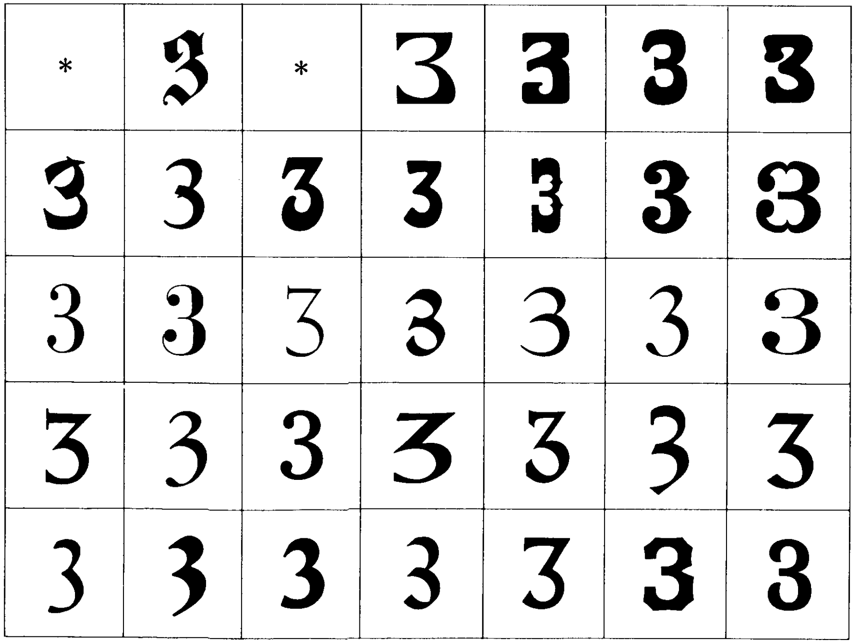
328

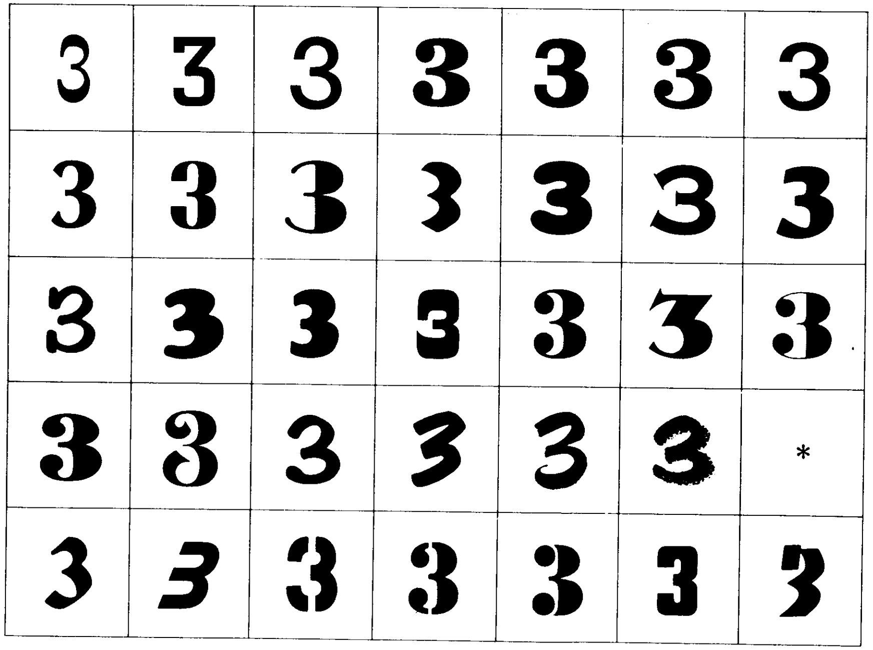


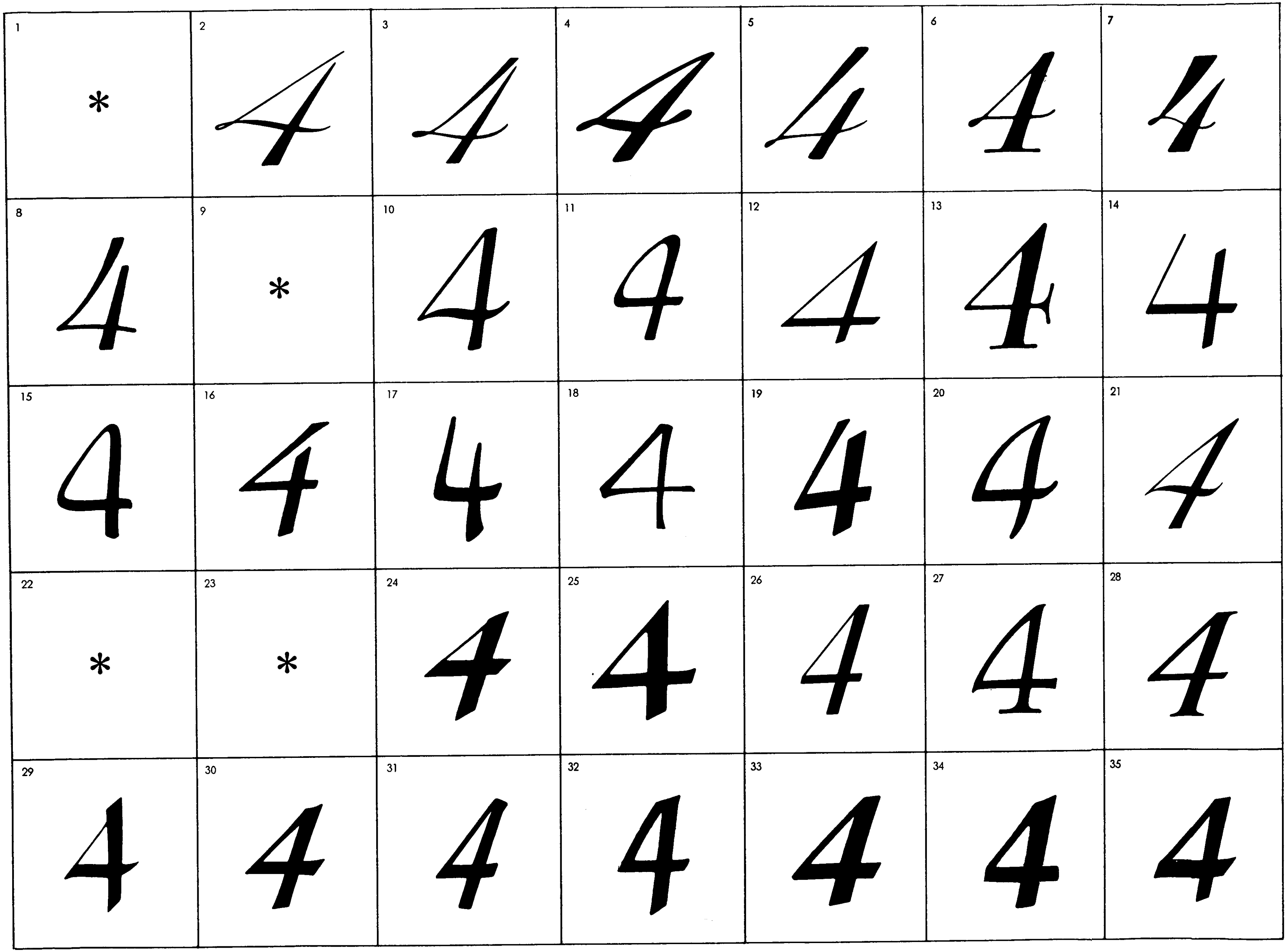
329

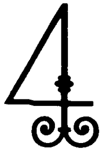
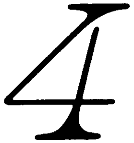
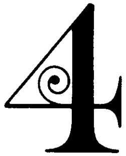
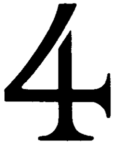
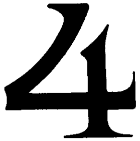
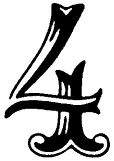
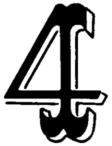
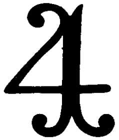
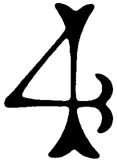
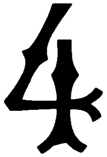
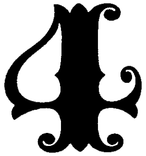
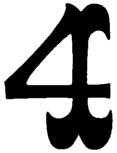
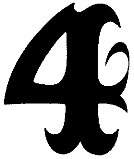
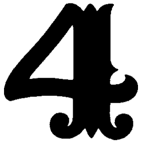
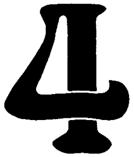
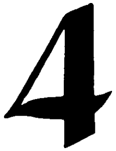
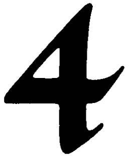
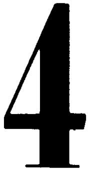
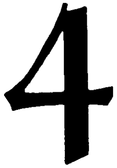
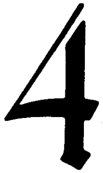
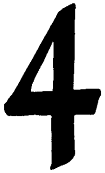
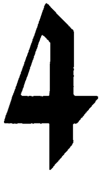
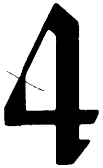
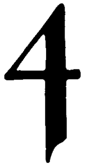
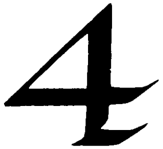
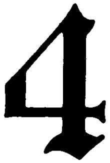
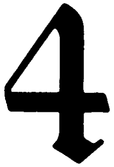
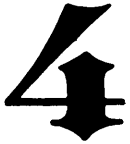

330


331


332

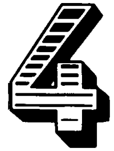

333

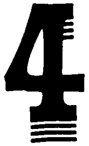

1
*
2
4
3
4
4
4
5
4
6
4
7
4
8
4
9
*
10
4
11
4
12
4
13
4
14
4
15
4
16
4
17
4
18
4
19
4
20
4
21
4
22
*
23
*
24
4
25
4
26
4
27
4
28
4
29
4
30
4
31
4
32
4
33
4
34
4
35
4

36 *	37 	38 	39 *	40 	41 	42 *
43 *	44 *	45 	46 *	47 	48 	49 
50 	51 	52 	53 	54 	55 	56 
57 	58 	59 	60 	61 	62 *	63 
64 	65 	66 	67 	68 	69 	70 

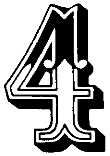
** Denotes that no numerals have been designed.*

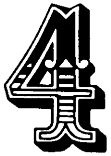
71 4	72 4	73 4	74 4	75 4	76 4	77 4
78 4	79 *	80 4	81 4	82 4	83 4	84 *
85 *	86 4	87 4	88 4	89 4	90 4	91 4
92 4	93 4	94 4	95 4	96 4	97 4	98 4
99 4	100 4	101 4	102 4	103 4	104 4	105 4

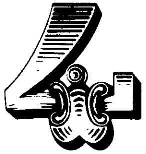
106


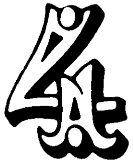
107


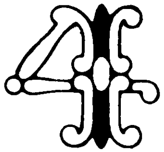
108
*

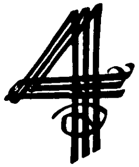
109


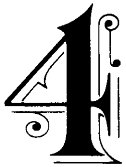
110


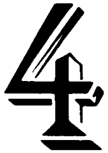
111


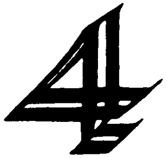
112


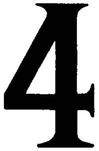
113


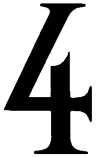
114


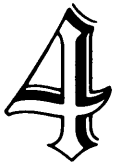
115


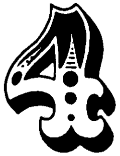
116


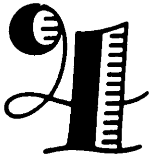
117


118


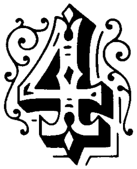
119


120


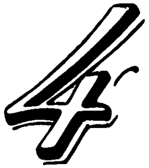
121


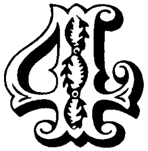
122


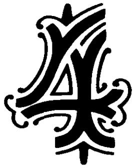
123
*

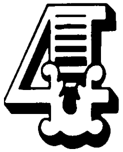
124


125
*

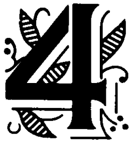
126


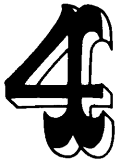
127


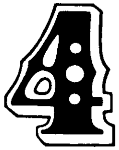
128


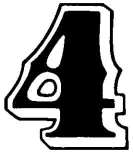
129


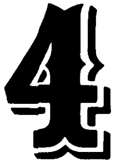
130
*

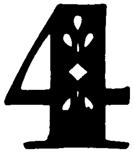
131


132


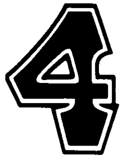
133


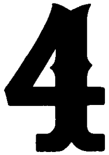
134


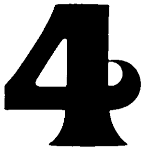
135


136


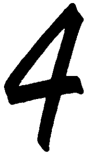
137
*

138


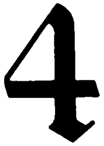
139


140


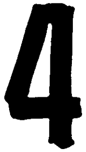
141



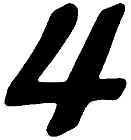
142



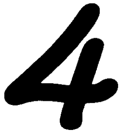
143



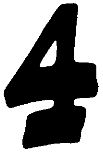
144



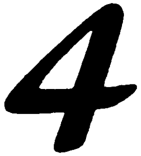
145



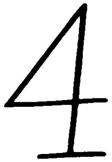
146



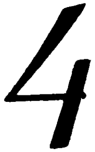
147



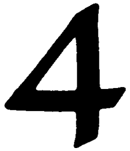
148



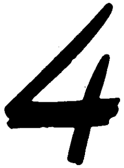
149



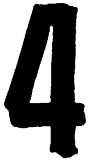
150



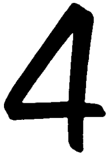
151



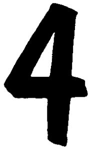
152



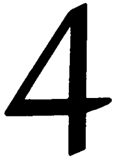
153



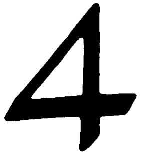
154



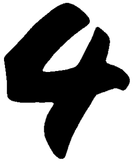
155



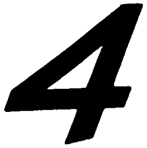
156



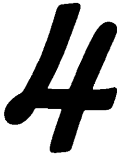
157



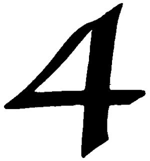
158



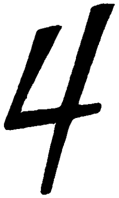
159



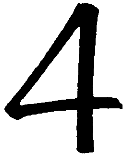
160



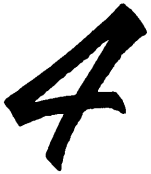
161



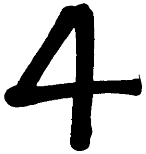
162



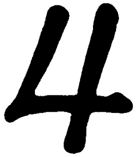
163



164



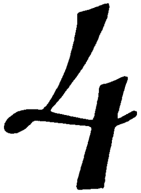
165



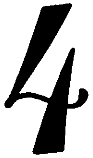
166

*

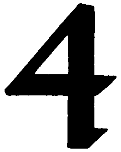
167



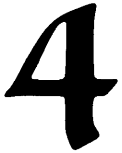
168



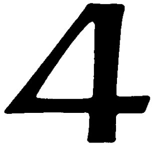
169



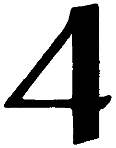
170



171



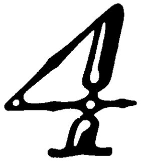
172



173

*

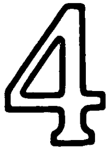
174



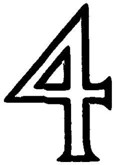
175

*

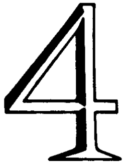
176



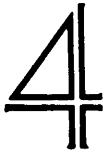
177



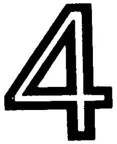
178



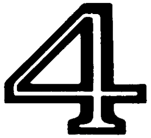
179



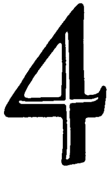
180



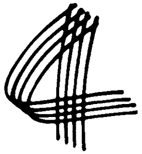
181



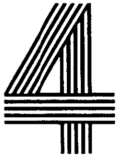
182



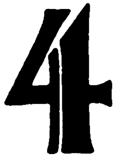
183



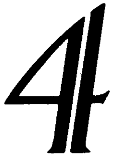
184



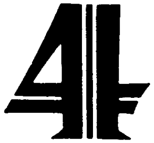
185



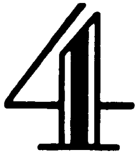
186



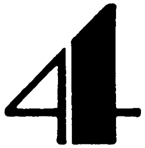
187



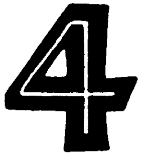
188



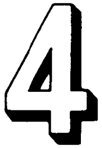
189



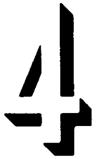
190



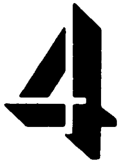
191



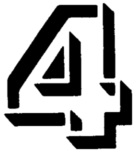
192



193



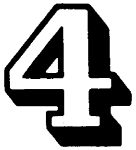
194



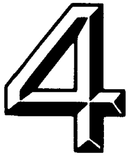
195

*

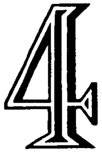
196



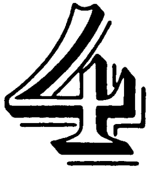
197



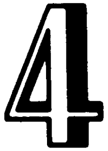
198



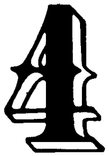
199



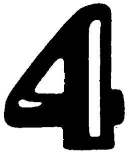
200



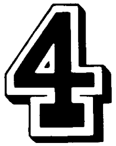
201



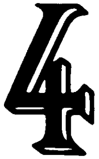
202



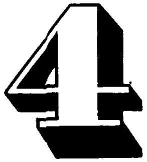
203



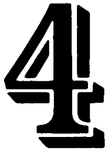
204



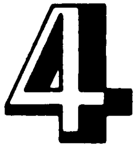
205



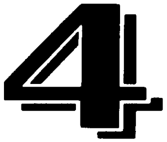
206



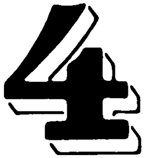
207



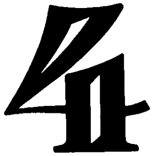
208



209

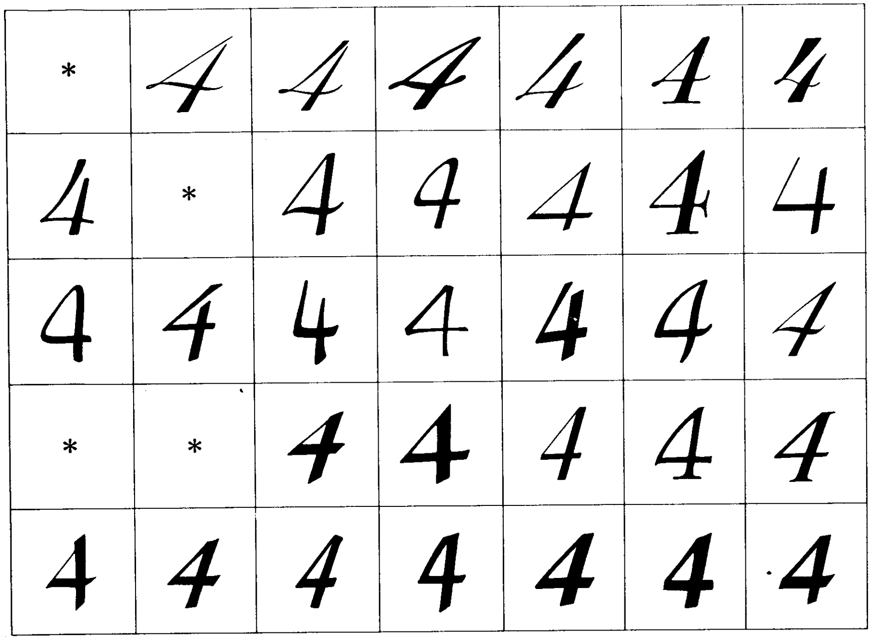


210

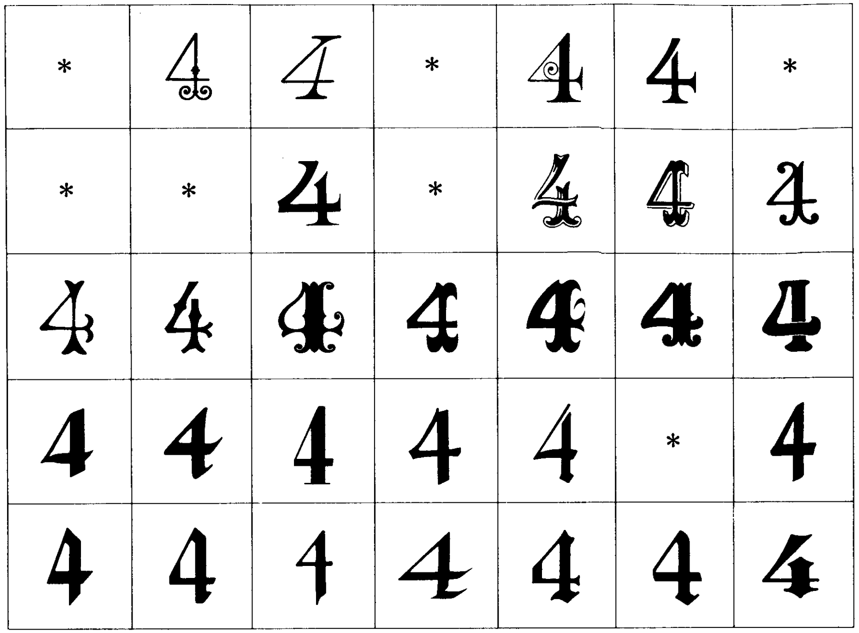


211 *	212 4	213 *	214 4	215 4	216 4	217 4
218 4	219 4	220 4	221 4	222 4	223 4	224 4
225 4	226 4	227 4	228 4	229 4	230 4	231 4
232 4	233 4	234 4	235 4	236 4	237 4	238 4
239 4	240 4	241 4	242 4	243 4	244 4	245 4

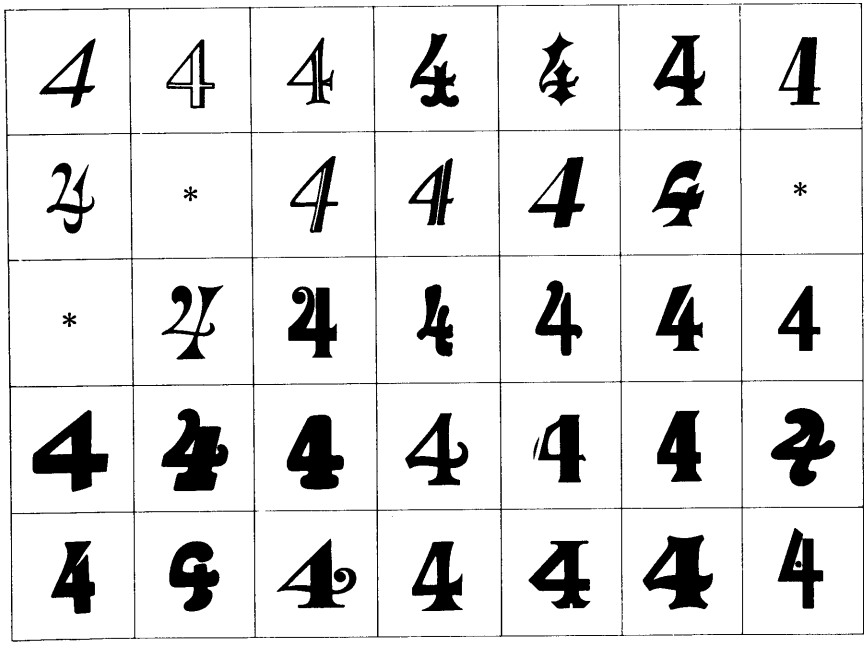
246	247	248	249	250	251	252
4	4	4	4	4	4	4
253	254	255	256	257	258	259
4	4	4	4	4	4	4
260	261	262	263	264	265	266
4	4	4	4	4	4	4
267	268	269	270	271	272	273
4	4	4	4	4	4	*
274	275	276	277	278	279	280
4	4	4	4	4	4	4



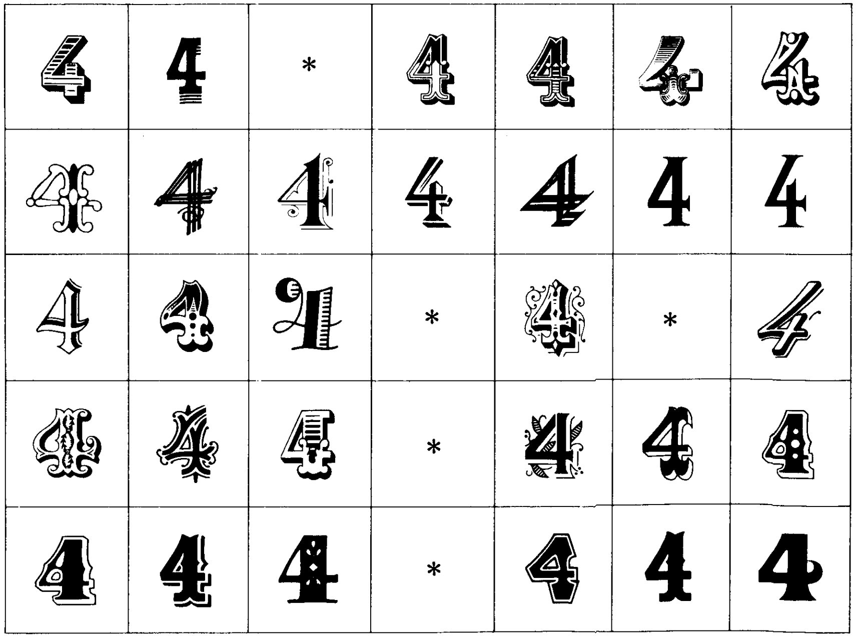
336



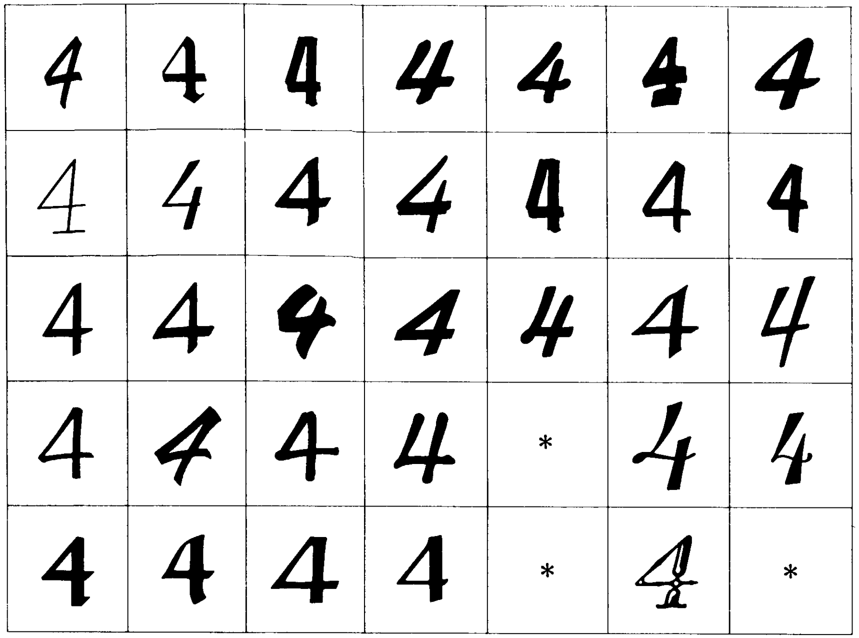
337



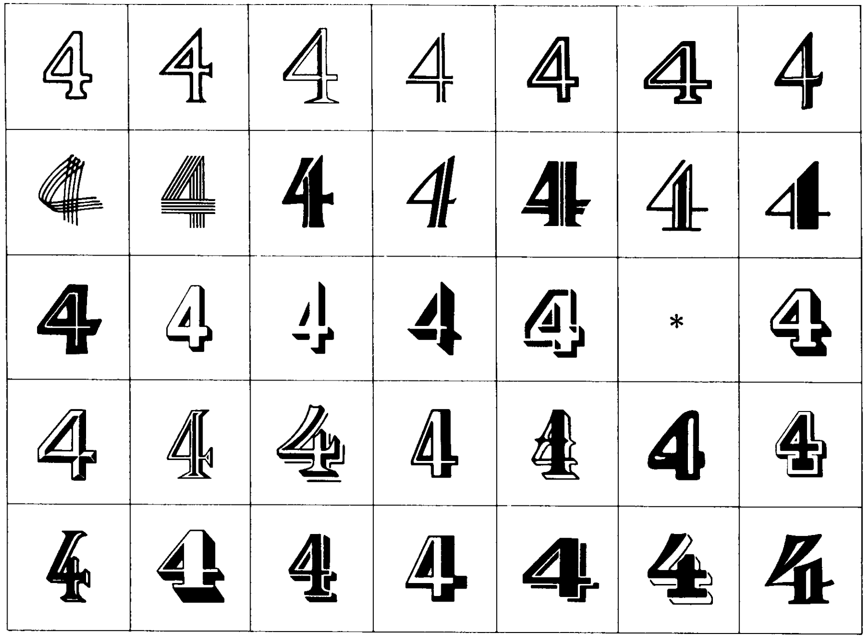
338



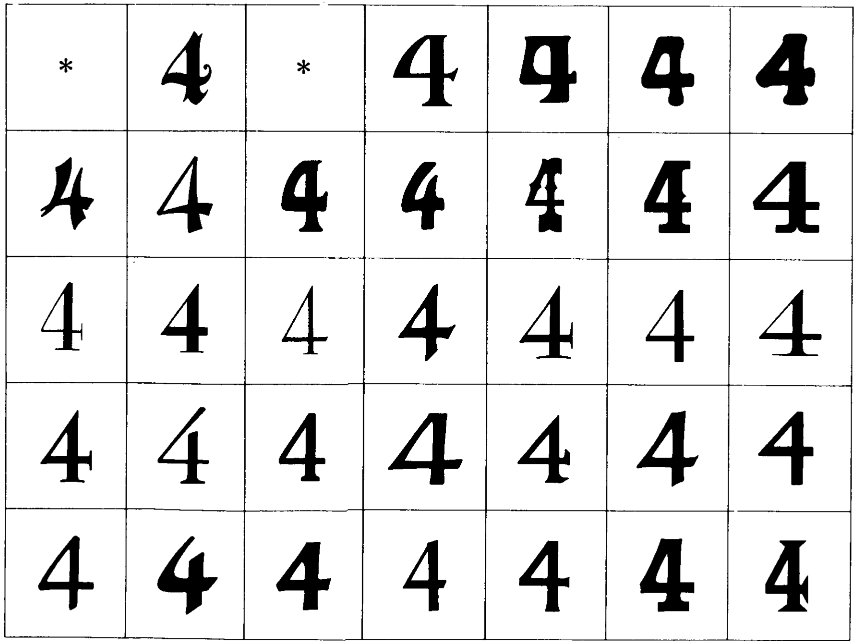
339



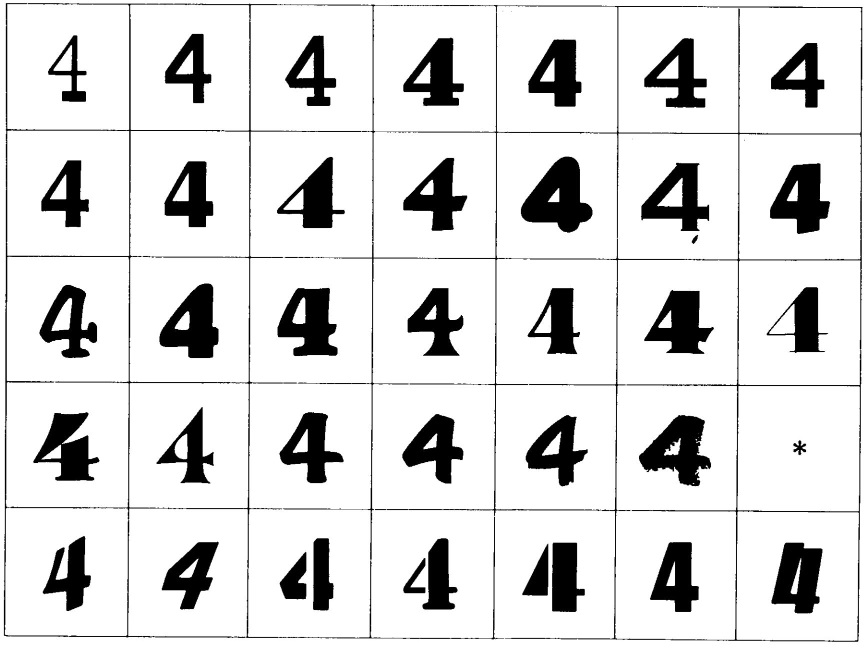
340



341



342



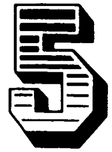
343

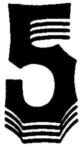
1 *	2 5	3 5	4 5	5 5	6 5	7 5
8 5	9 *	10 5	11 5	12 5	13 5	14 5
15 5	16 5	17 5	18 5	19 5	20 5	21 5
22 *	23 *	24 5	25 5	26 5	27 5	28 5
29 5	30 5	31 5	32 5	33 5	34 5	35 5

36 *	37 5	38 5	39 *	40 5	41 5	42 *
43 *	44 *	45 5	46 *	47 5	48 5	49 5
50 5	51 5	52 5	53 5	54 5	55 5	56 5
57 5	58 5	59 5	60 5	61 5	62 *	63 5
64 5	65 5	66 5	67 5	68 5	69 5	70 5

* Denotes that no numerals have been designed.

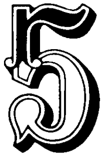
71 5	72 5	73 5	74 5	75 5	76 5	77 5
78 5	79 *	80 5	81 5	82 5	83 5	84 *
85 *	86 5	87 5	88 5	89 5	90 5	91 5
92 5	93 5	94 5	95 5	96 5	97 5	98 5
99 5	100 5	101 5	102 5	103 5	104 5	105 5

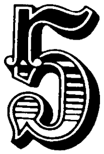
106


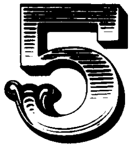
107


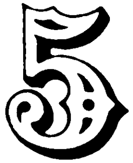
108

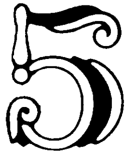
*

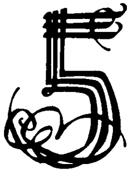
109


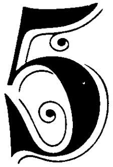
110


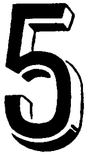
111


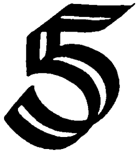
112


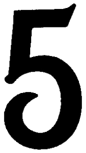
113


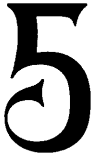
114


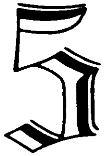
115


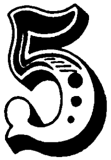
116


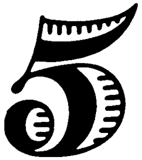
117


118


119


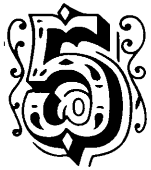
120


121


122


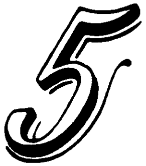
123

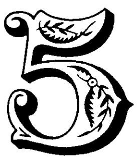
*

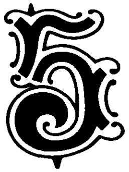
124


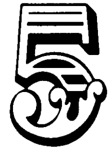
125

*

126


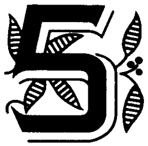
127


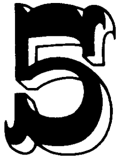
128


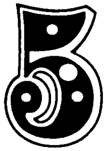
129


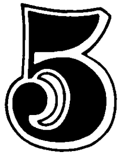
130

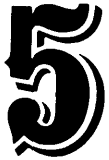
*

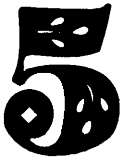
131


132


133


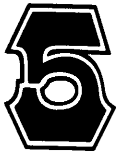
134


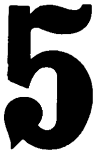
135


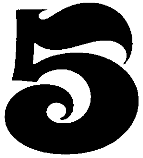
136


137

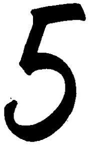
*

138


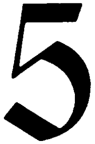
139


140


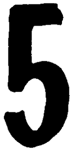
141



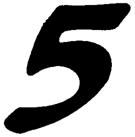
142



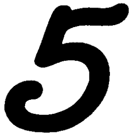
143



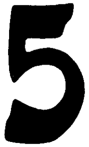
144



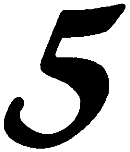
145



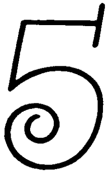
146



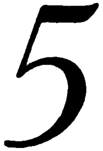
147



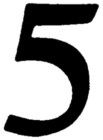
148



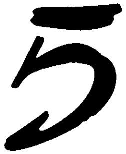
149



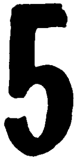
150



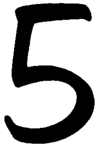
151



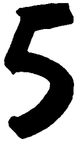
152



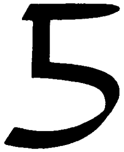
153



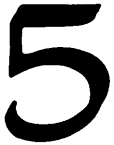
154



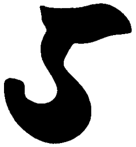
155



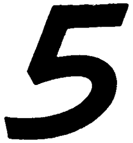
156



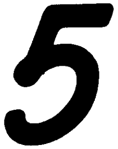
157



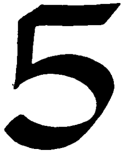
158



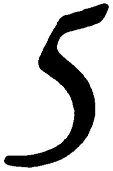
159



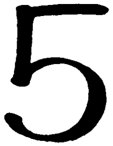
160



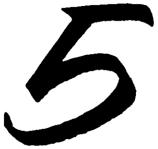
161



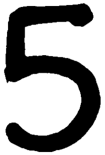
162



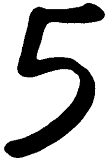
163



164



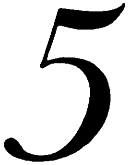
165



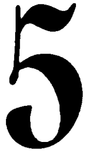
166

*

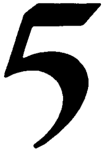
167



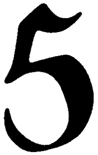
168



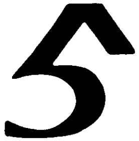
169



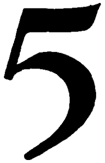
170



171



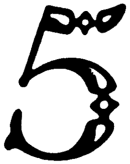
172



173

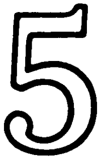
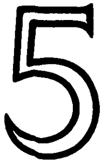
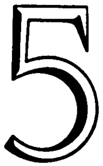
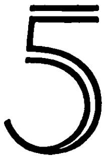
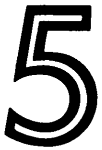
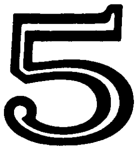
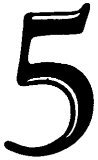
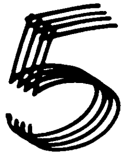
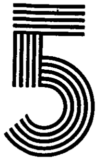
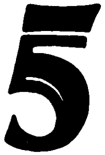
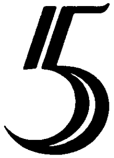
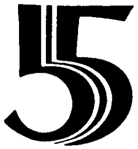
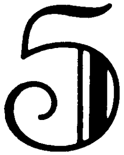
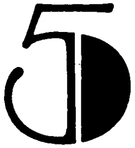
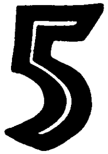
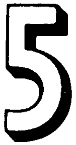
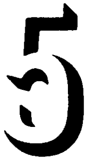
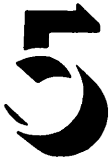
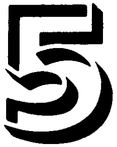
*

174

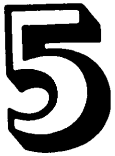
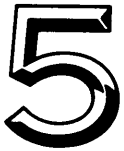
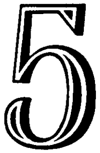
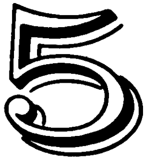
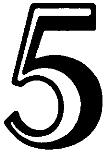
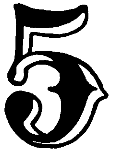
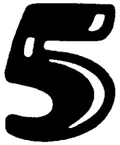
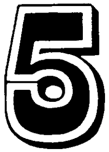
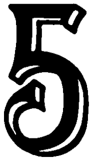
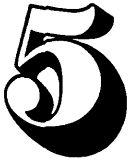
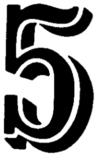
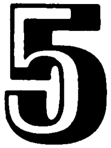
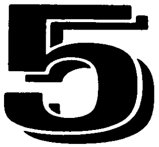
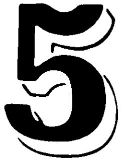
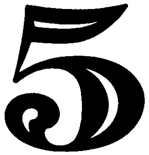


175

*

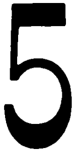
176

177

178

179

180

181

182

183

184

185

186

187

188

189

190

191

192

193

194

195

*

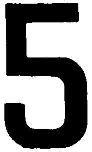
196

197

198

199

200

201

202

203

204

205

206

207

208

209

210


211 *	212 5	213 *	214 5	215 5	216 5	217 5
218 5	219 5	220 5	221 5	222 5	223 5	224 5
225 5	226 5	227 5	228 5	229 5	230 5	231 5
232 5	233 5	234 5	235 5	236 5	237 5	238 5
239 5	240 5	241 5	242 5	243 5	244 5	245 5

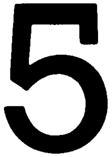
246



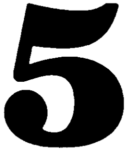
247



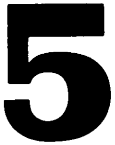
248



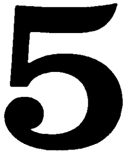
249



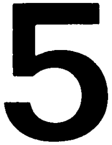
250



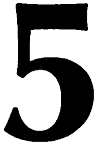
251



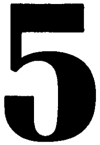
252



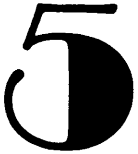
253



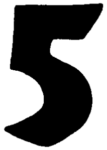
254



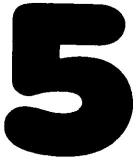
255



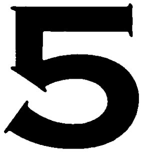
256



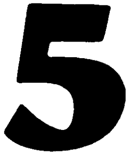
257



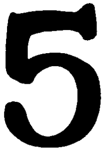
258



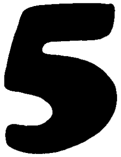
259



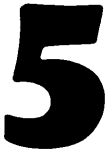
260



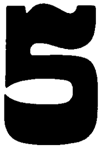
261



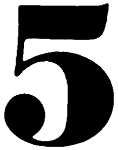
262



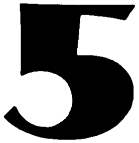
263



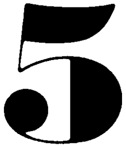
264



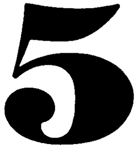
265



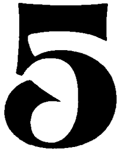
266



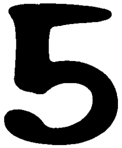
267



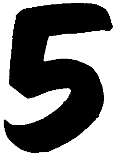
268



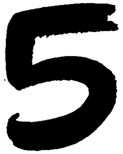
269



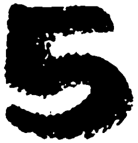
270



271



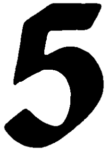
272



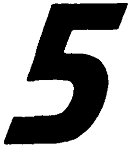
273

*

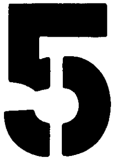
274



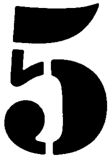
275



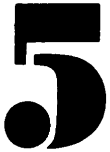
276



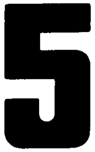
277



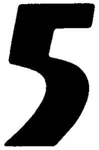
278

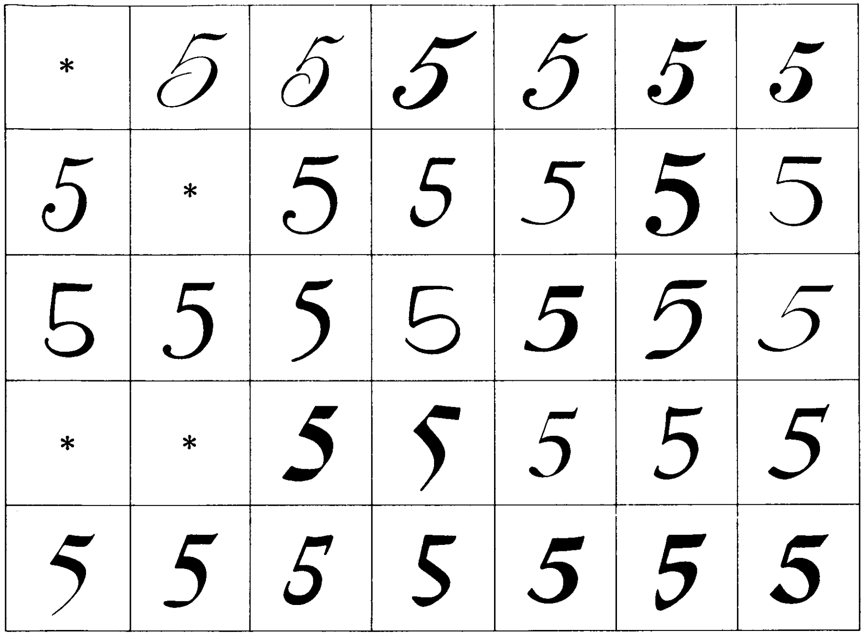


279

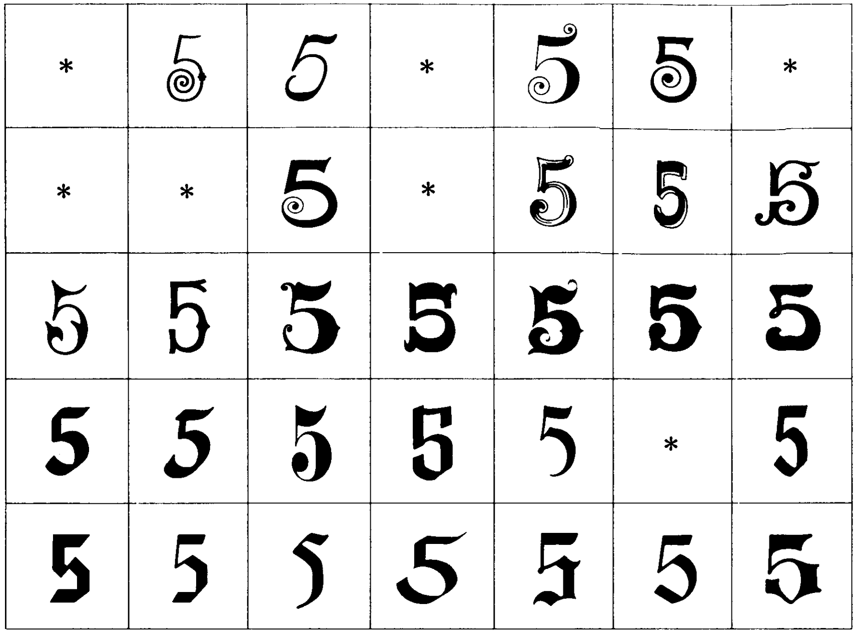


280

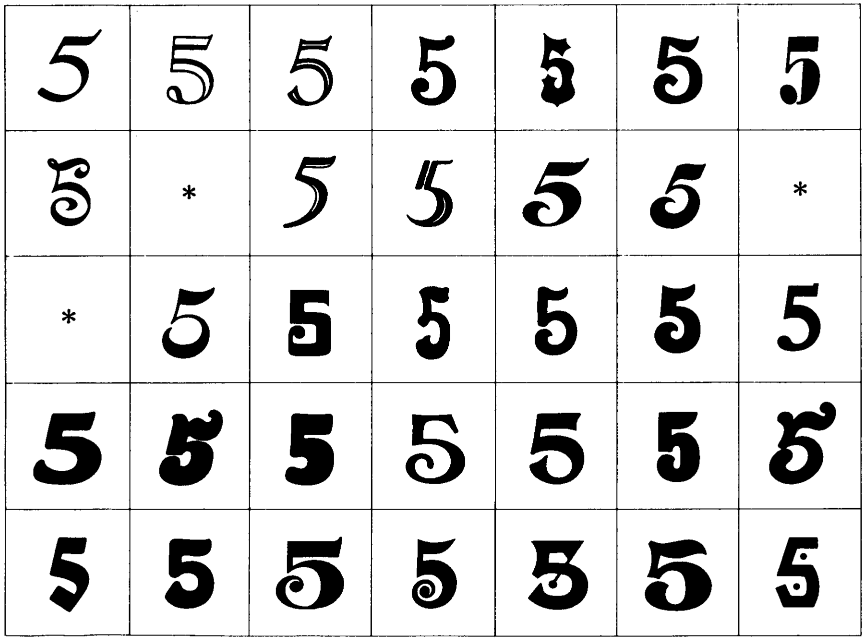




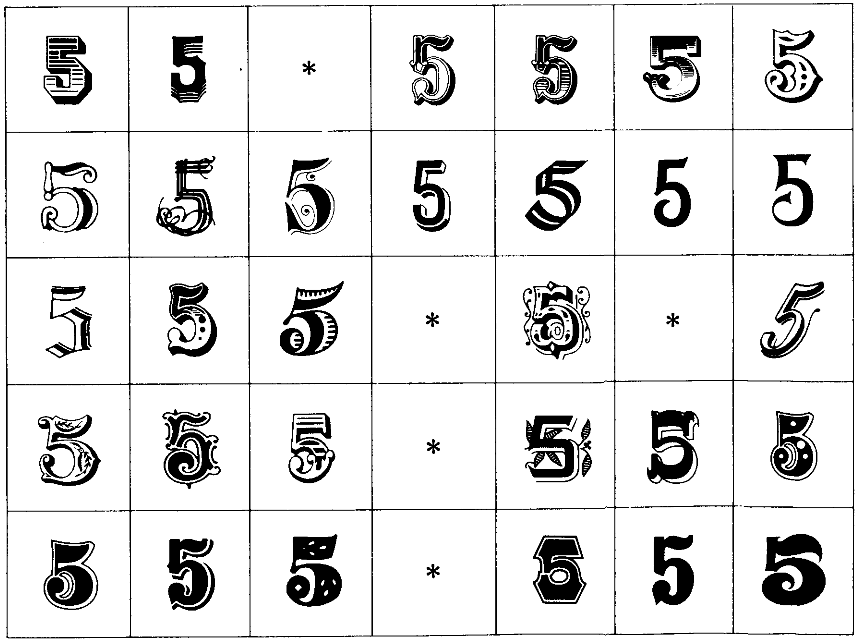
346



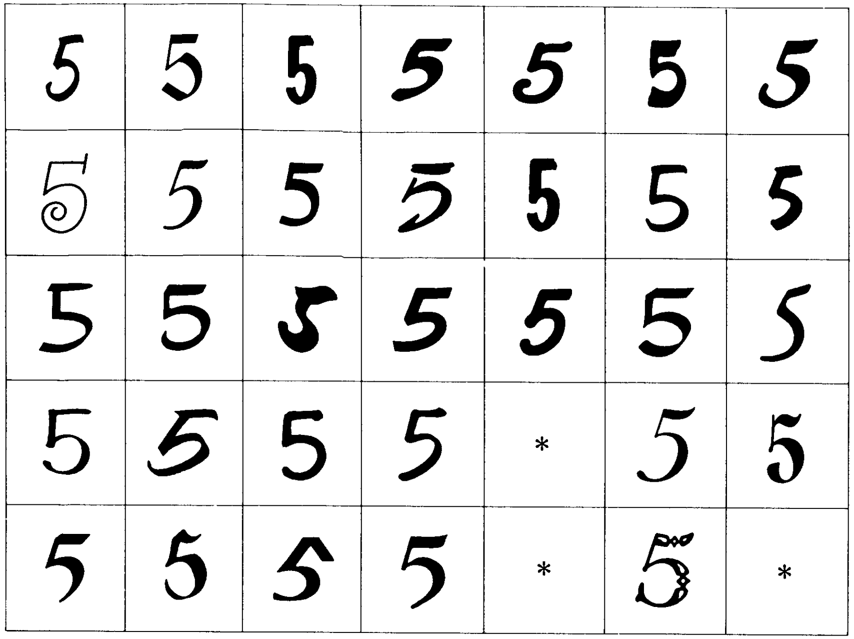
347



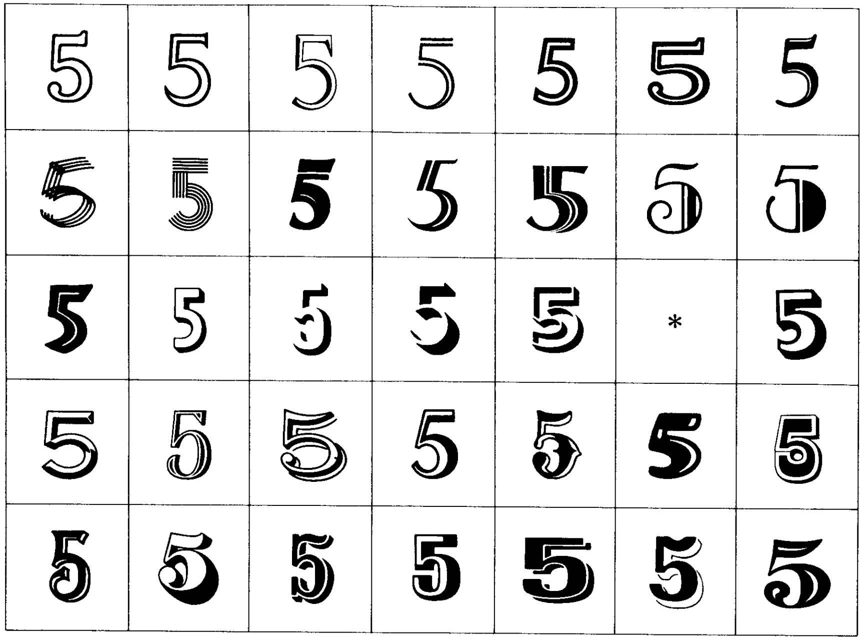
348



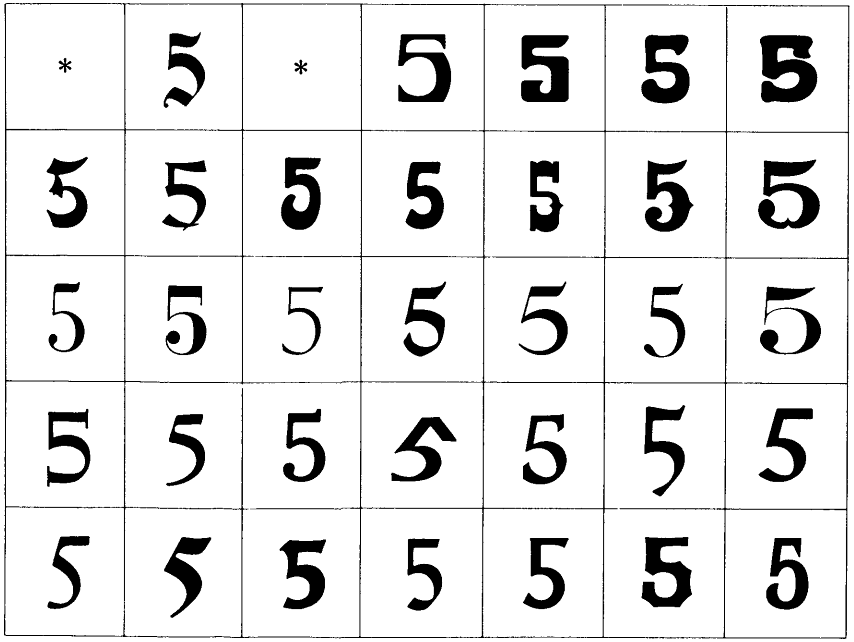
349



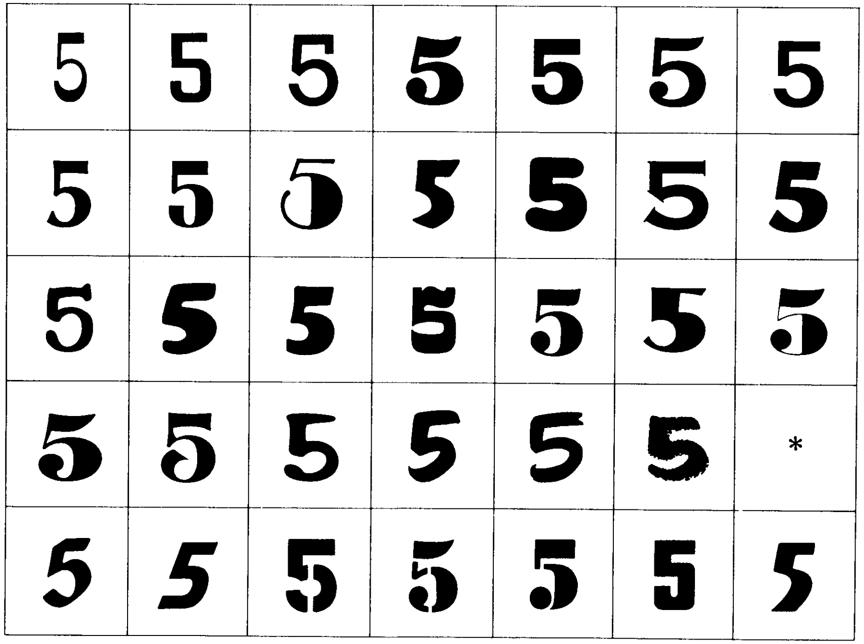
350



351

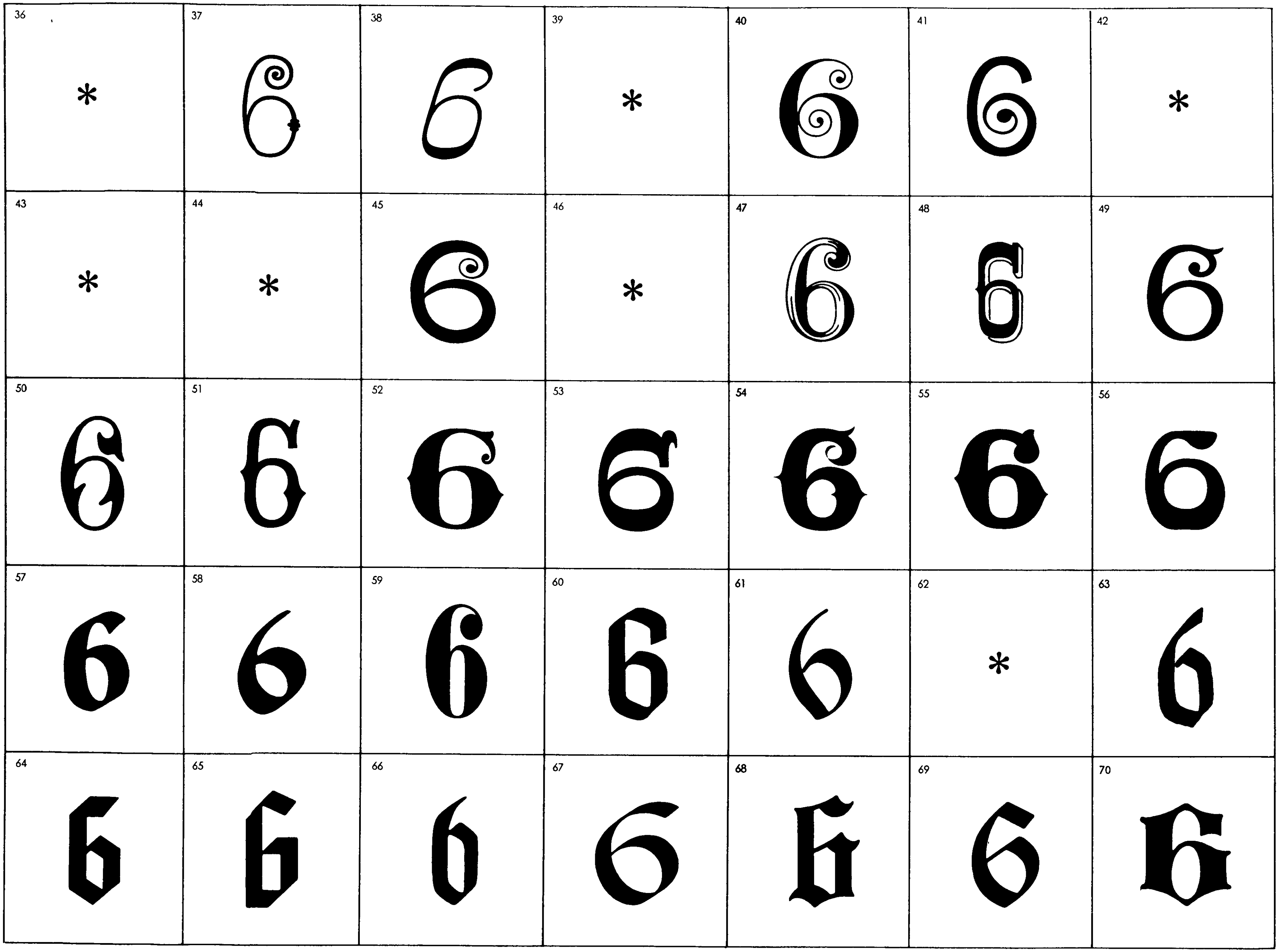


352

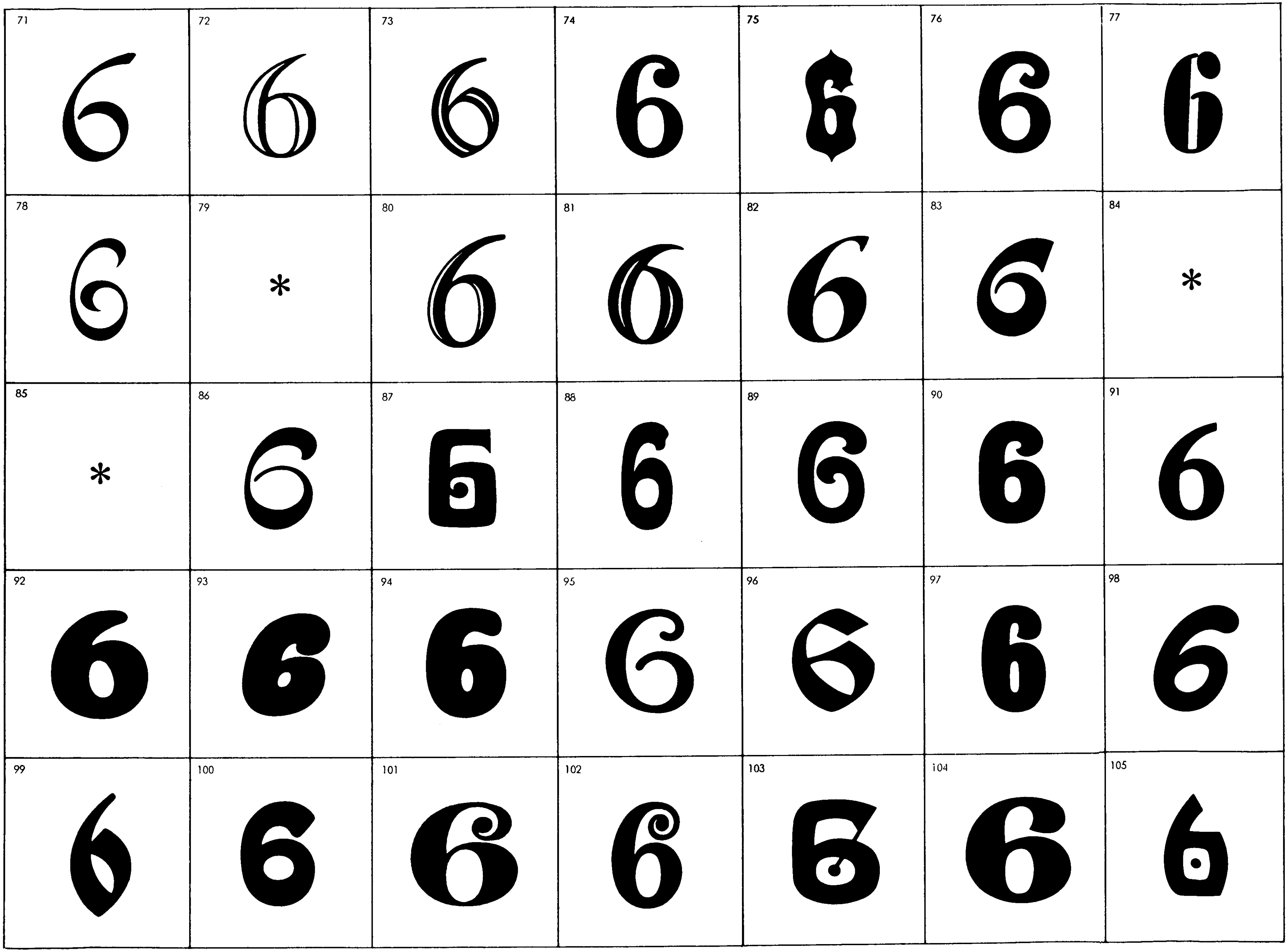


353

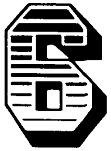
1 *	2 6	3 6	4 6	5 6	6 6	7 6
8 6	9 *	10 6	11 6	12 6	13 6	14 6
15 6	16 6	17 6	18 6	19 6	20 6	21 6
22 *	23 *	24 6	25 6	26 6	27 6	28 6
29 6	30 6	31 6	32 6	33 6	34 6	35 6


36 *
37 6
38 6
39 *
40 6
41 6
42 *
43 *
44 *
45 6
46 *
47 6
48 6
49 6
50 6
51 6
52 6
53 6
54 6
55 6
56 6
57 6
58 6
59 6
60 6
61 6
62 *
63 6
64 6
65 6
66 6
67 6
68 6
69 6
70 6

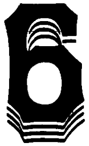
** Denotes that no numerals have been designed.*


71
72
73
74
75
76
77
78
79
*
80
81
82
83
84
*
85
*
86
87
88
89
90
91
92
93
94
95
96
97
98
99
100
101
102
103
104
105

106



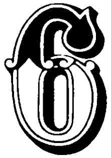
107



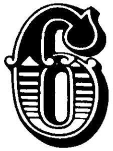
108

*

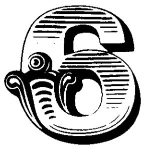
109



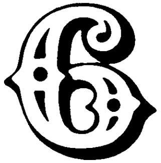
110



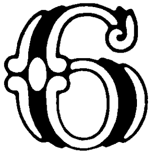
111



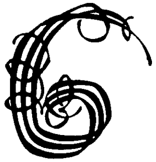
112



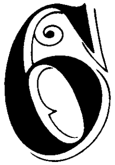
113



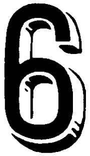
114



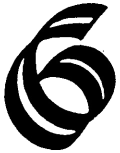
115



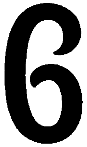
116



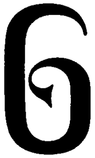
117



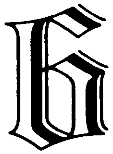
118



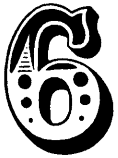
119



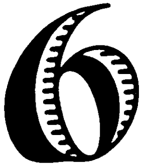
120



121



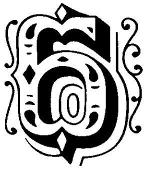
122



123

*

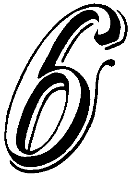
124



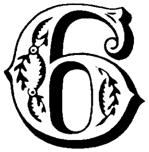
125

*

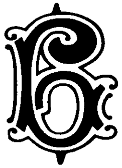
126



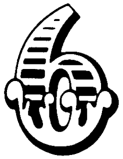
127



128



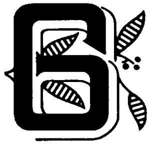
129



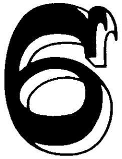
130

*

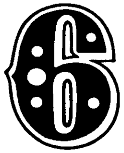
131



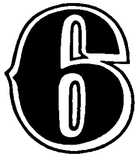
132



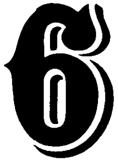
133



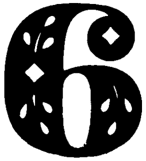
134



135



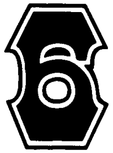
136



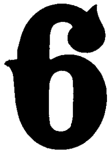
137

*

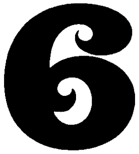
138



139

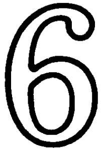


140

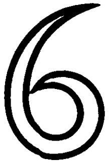


141 6	142 6	143 6	144 6	145 6	146 6	147 6
148 6	149 6	150 6	151 6	152 6	153 6	154 6
155 6	156 6	157 6	158 6	159 6	160 6	161 6
162 6	163 6	164 6	165 6	166 *	167 6	168 6
169 6	170 6	171 6	172 6	173 *	174 6	175 *

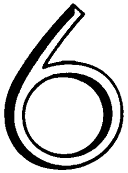
176



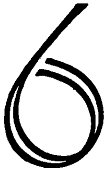
177



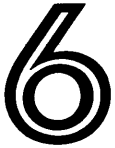
178



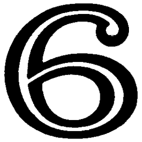
179



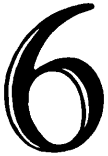
180



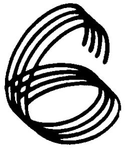
181



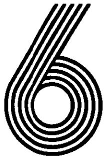
182



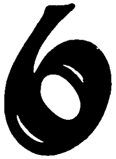
183



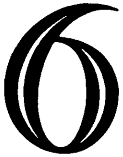
184



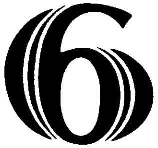
185



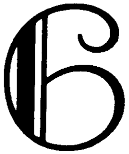
186



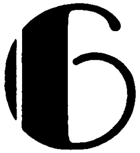
187



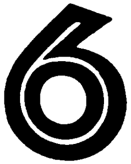
188



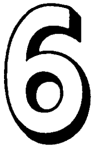
189



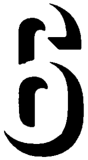
190



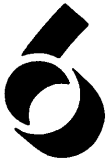
191



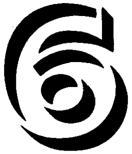
192



193



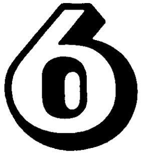
194



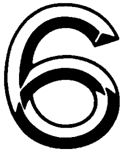
195

*

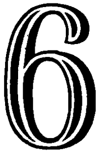
196



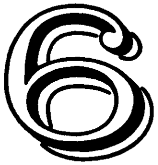
197



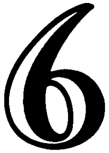
198



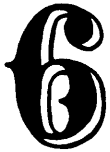
199



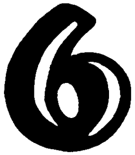
200



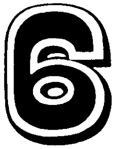
201



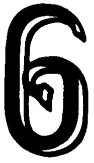
202



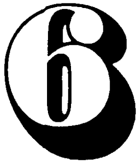
203



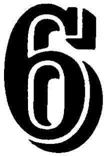
204



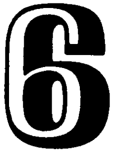
205



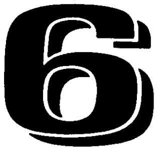
206



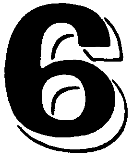
207



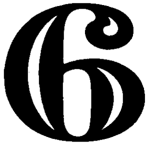
208



209



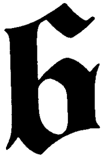
210



211

*

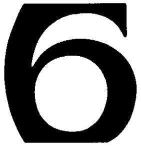
212



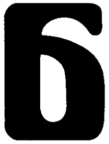
213

*

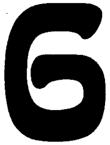
214



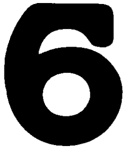
215



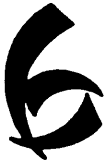
216



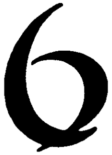
217



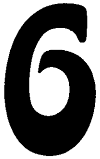
218



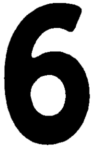
219



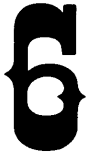
220



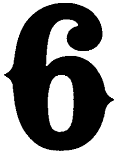
221



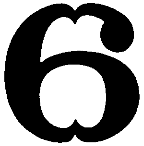
222



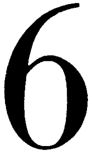
223



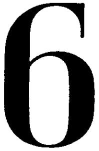
224



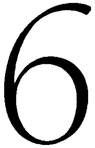
225



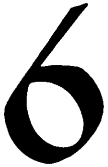
226



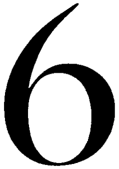
227



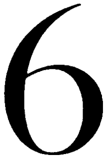
228



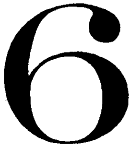
229



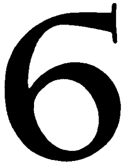
230



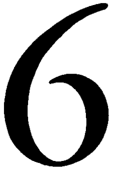
231



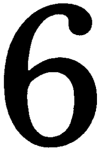
232



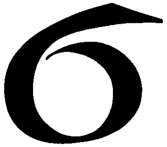
233



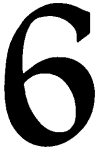
234



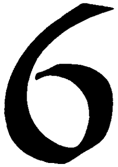
235



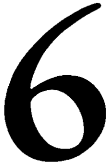
236



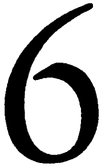
237



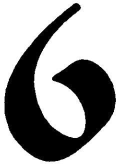
238



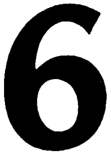
239



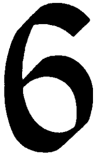
240



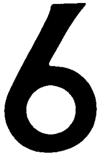
241



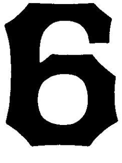
242



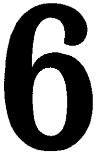
243



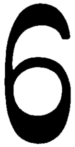
244



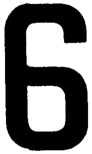
245



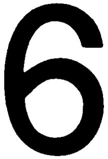
246



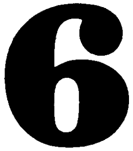
247



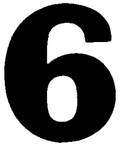
248



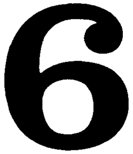
249



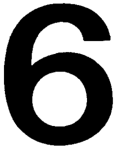
250



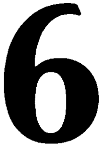
251



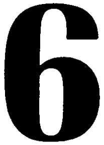
252



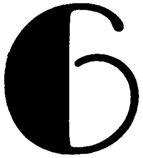
253



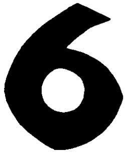
254



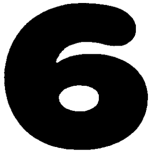
255



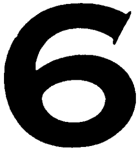
256



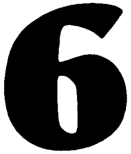
257



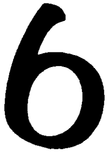
258



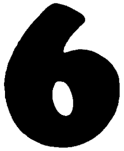
259



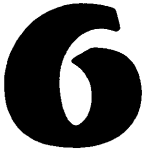
260



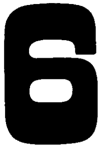
261



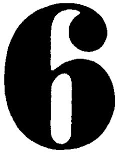
262



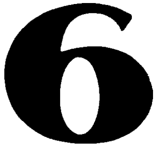
263



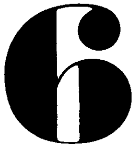
264



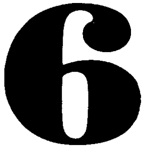
265



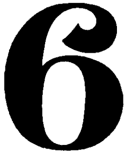
266



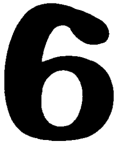
267



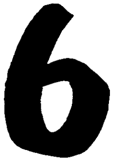
268



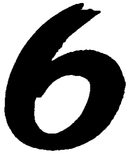
269



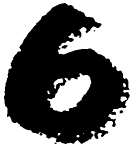
270



271



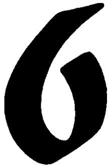
272



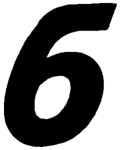
273

*

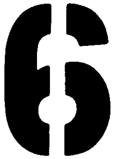
274



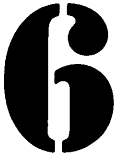
275



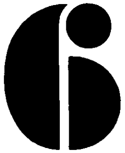
276



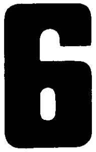
277



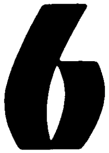
278

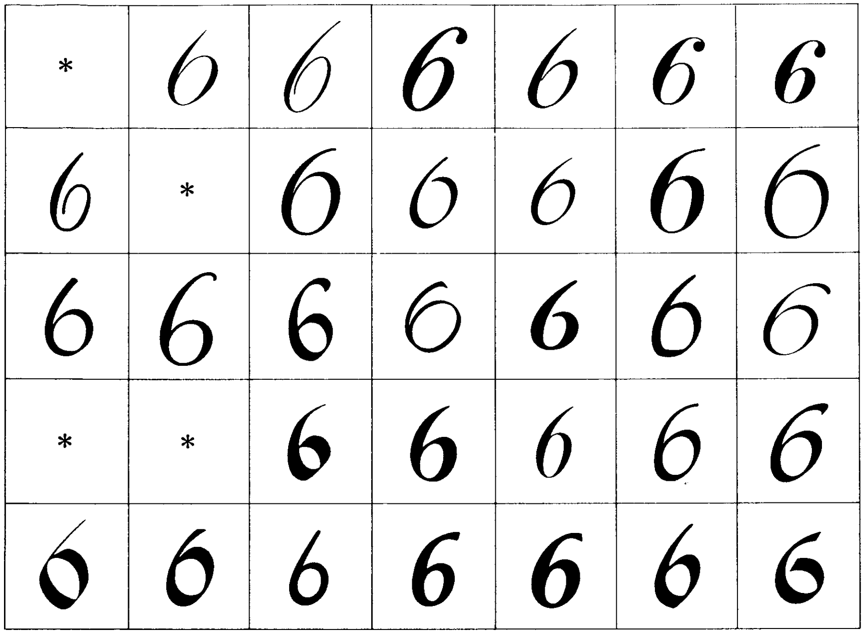


279

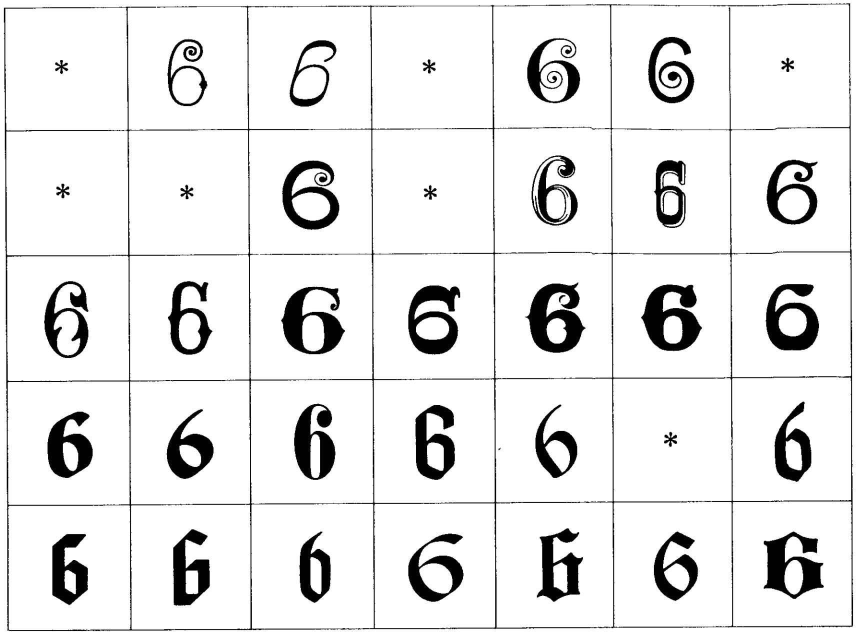


280

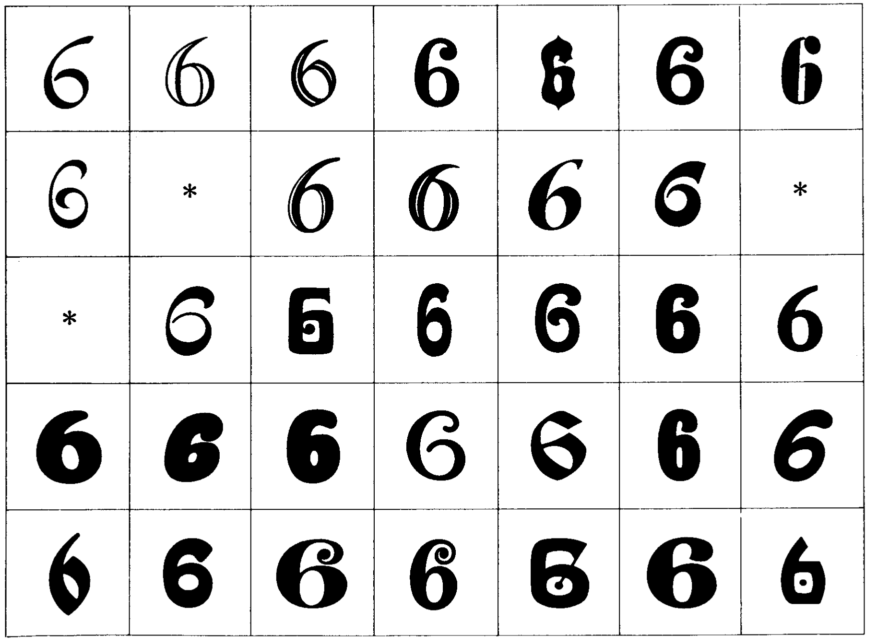




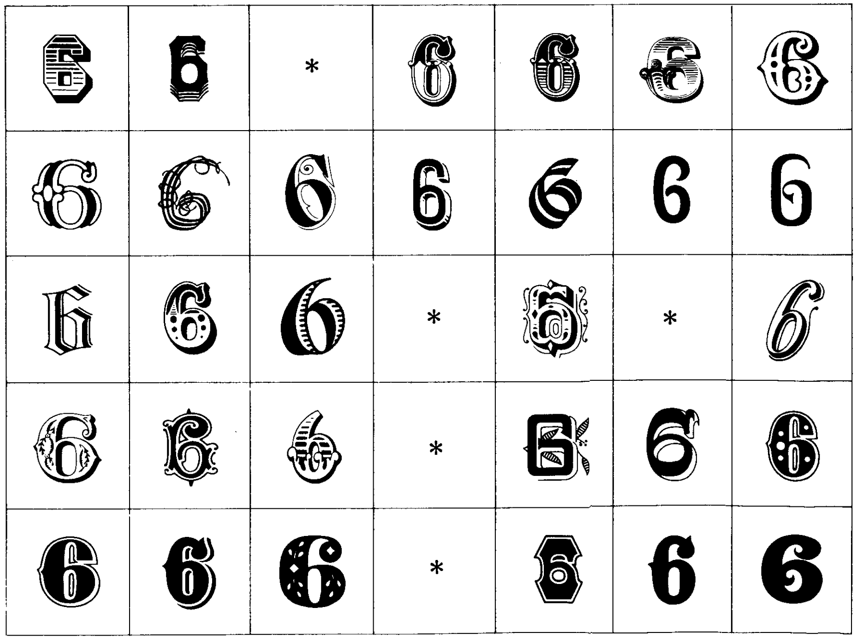
356



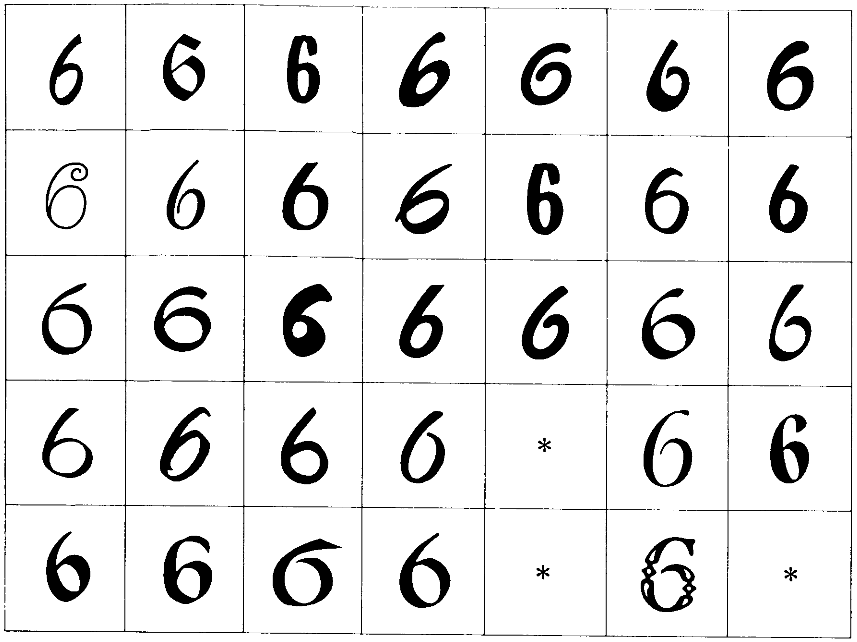
357

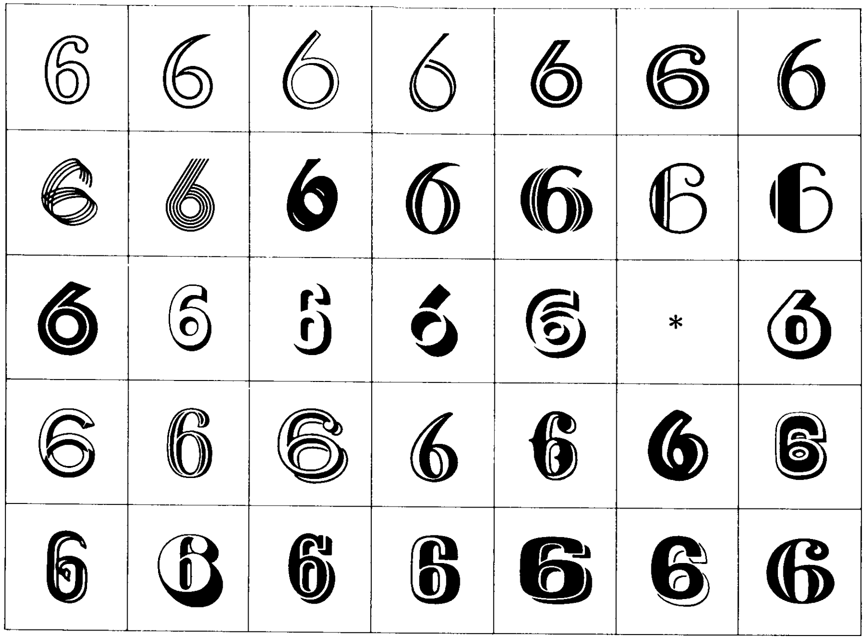


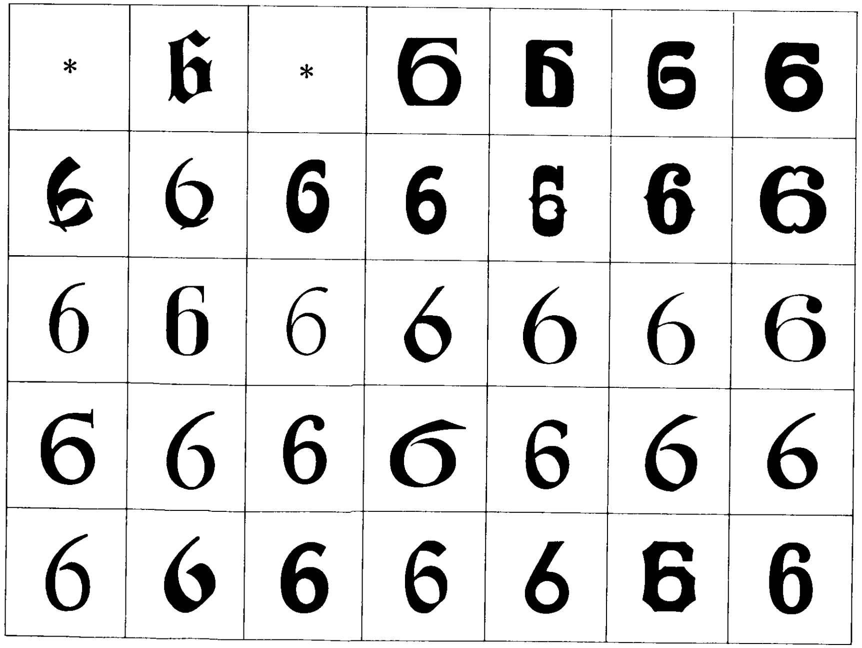
358

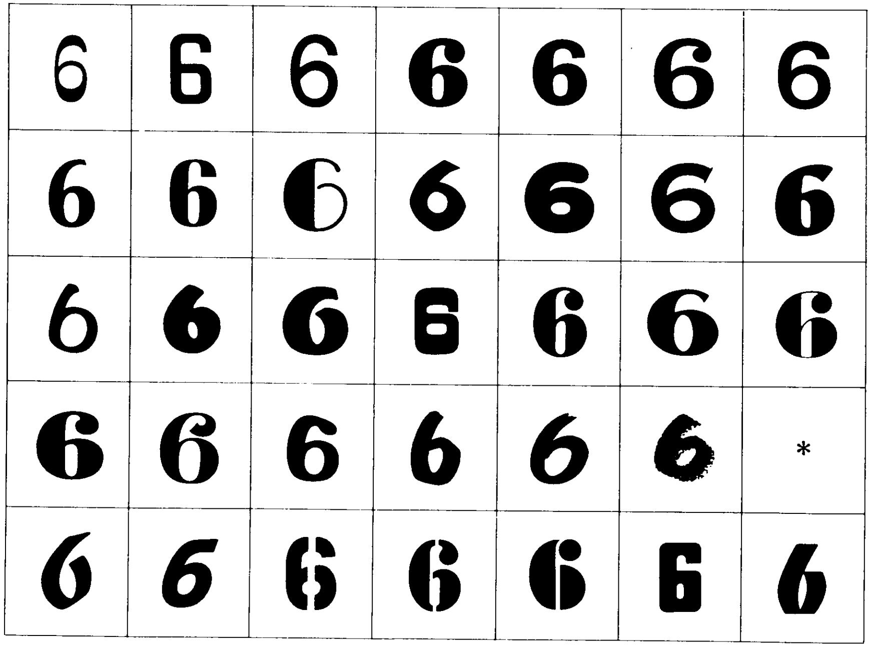


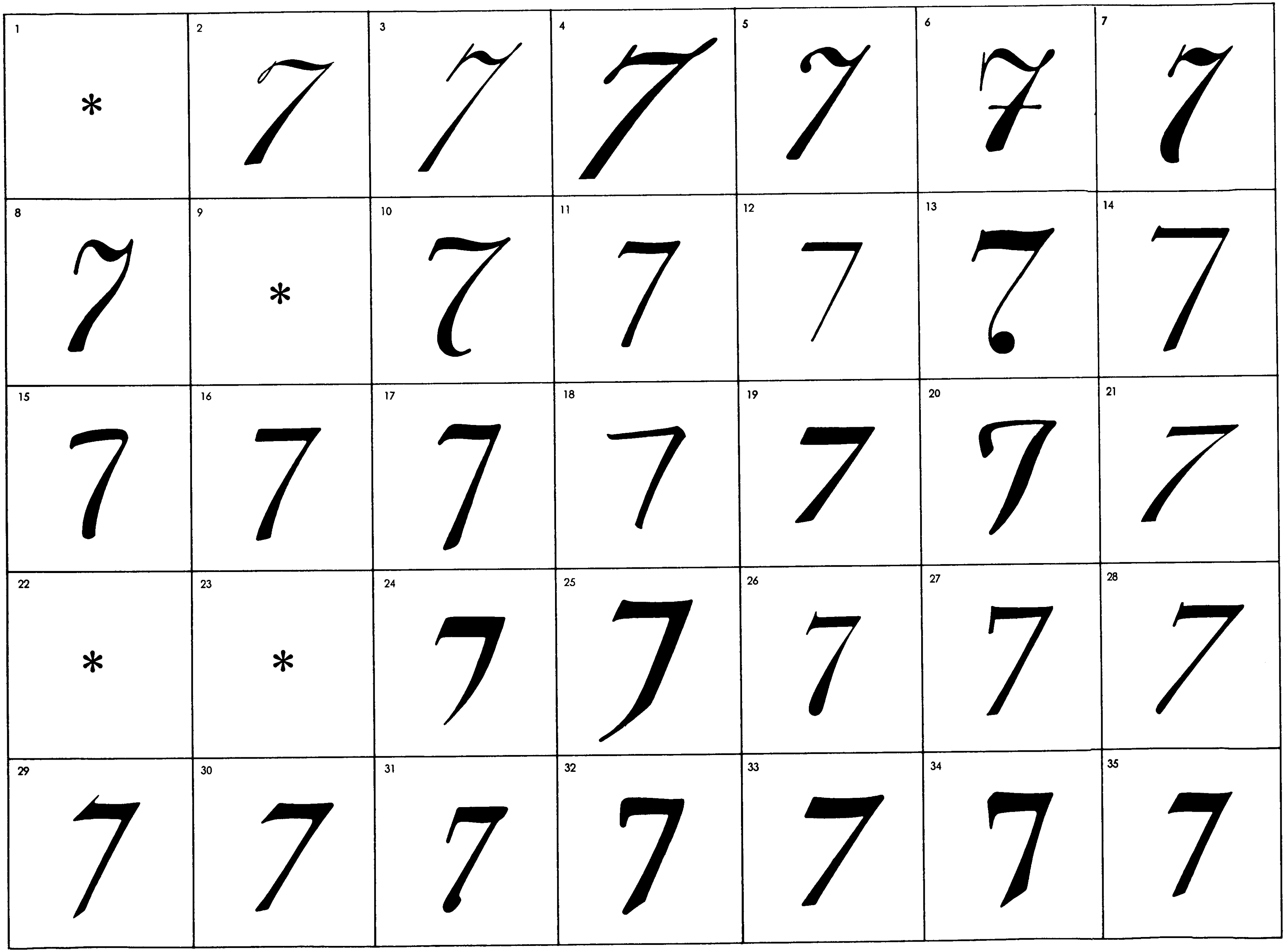
359

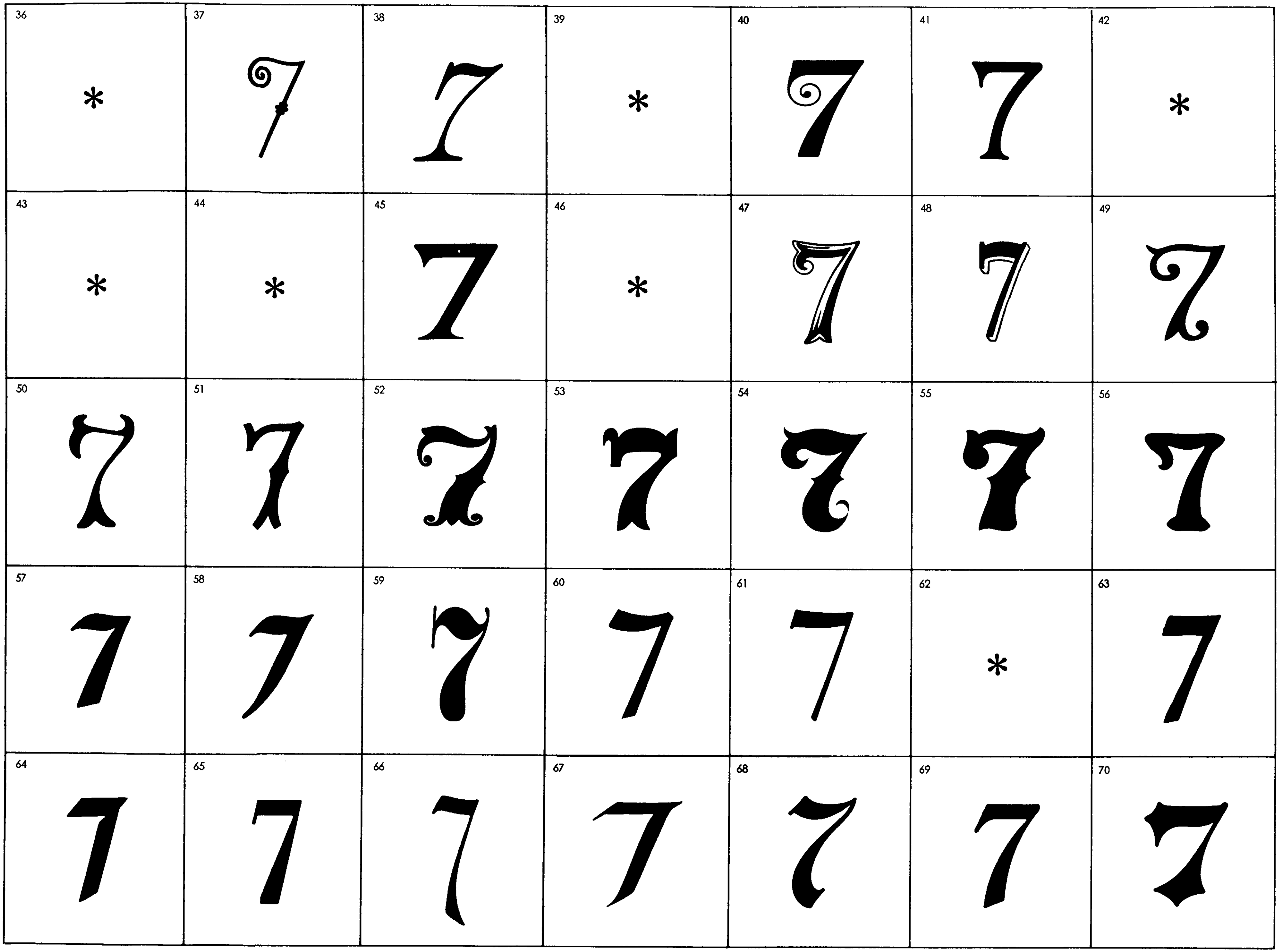

360


361

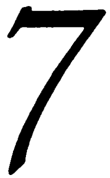
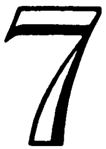
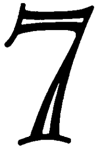
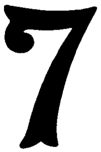
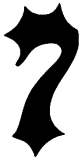
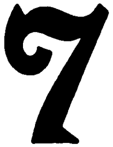
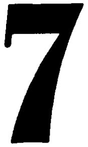
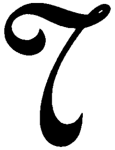
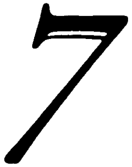
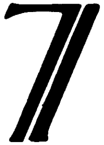
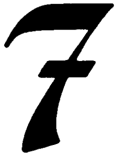
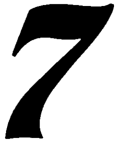
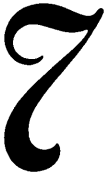
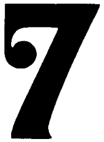
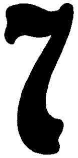
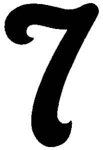
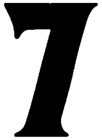
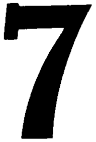
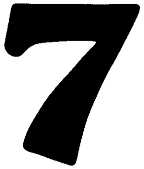
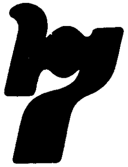
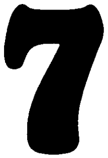
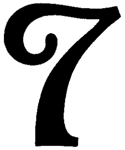
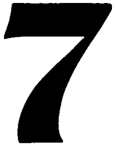
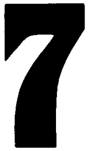
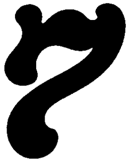
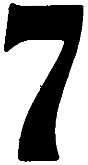
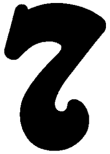
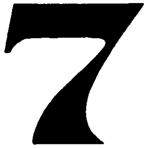
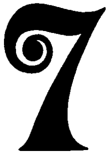
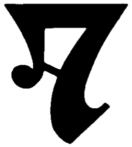
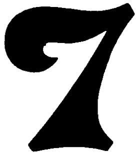
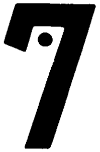

362

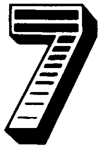

363

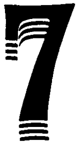

1 *
2 7
3 7
4 7
5 7
6 7
7 7
8 7
9 *
10 7
11 7
12 7
13 7
14 7
15 7
16 7
17 7
18 7
19 7
20 7
21 7
22 *
23 *
24 7
25 7
26 7
27 7
28 7
29 7
30 7
31 7
32 7
33 7
34 7
35 7


36 *
37 7
38 7
39 *
40 7
41 7
42 *
43 *
44 *
45 7
46 *
47 7
48 7
49 7
50 7
51 7
52 7
53 7
54 7
55 7
56 7
57 7
58 7
59 7
60 7
61 7
62 *
63 7
64 7
65 7
66 7
67 7
68 7
69 7
70 7

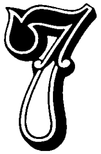
** Denotes that no numerals have been designed.*

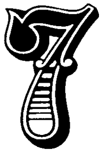
71 	72 	73 	74 	75 	76 	77 
78 	79 *	80 	81 	82 	83 	84 *
85 *	86 	87 	88 	89 	90 	91 
92 	93 	94 	95 	96 	97 	98 
99 	100 	101 	102 	103 	104 	105 

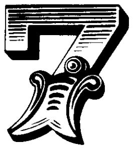
106


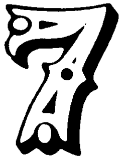
107


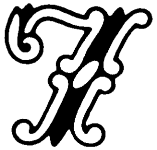
108
*

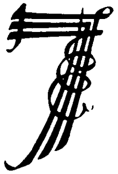
109


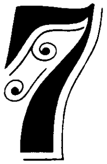
110


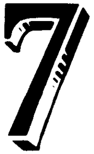
111


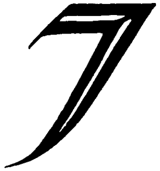
112


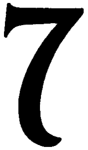
113


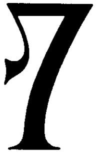
114


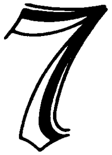
115


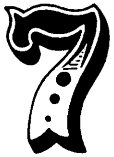
116


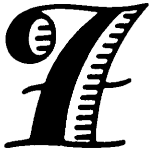
117


118


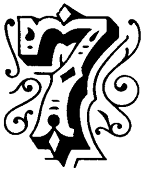
119


120


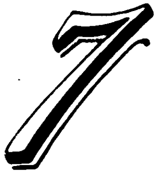
121


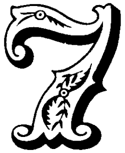
122


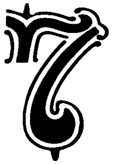
123
*

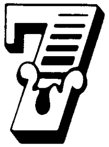
124


125
*

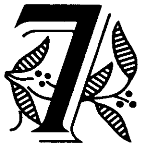
126


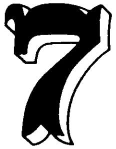
127


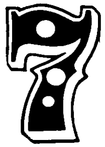
128


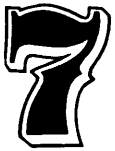
129


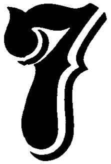
130
*

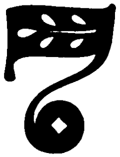
131


132


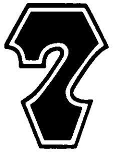
133


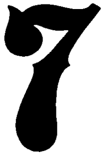
134


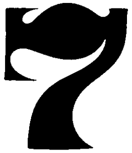
135


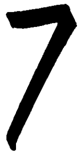
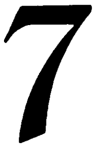
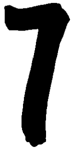
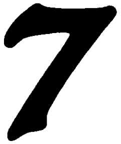
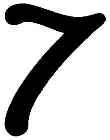
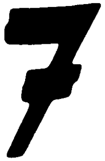
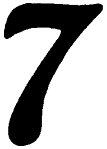
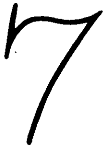
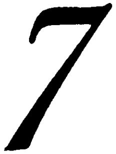
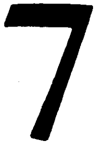
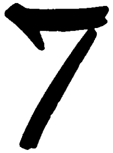
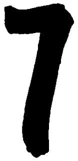
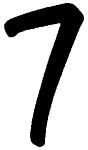
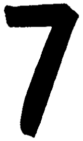
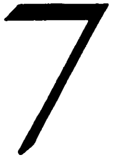
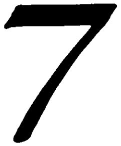
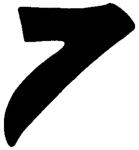
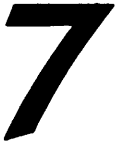
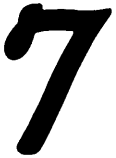
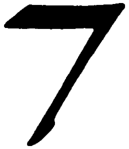
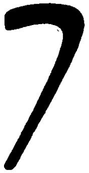
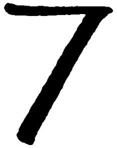
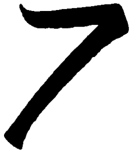
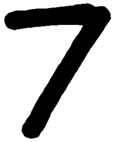
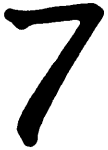
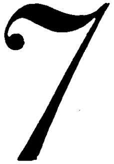
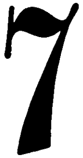
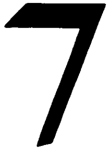
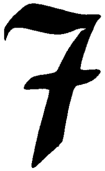
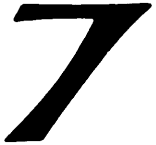
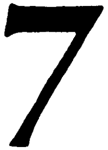
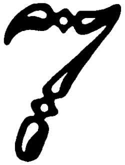
136


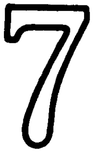
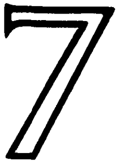
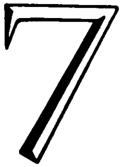
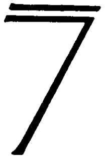
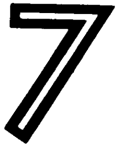
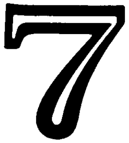
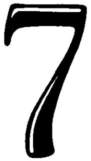
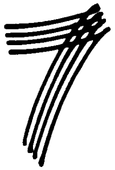
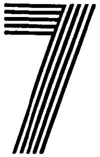
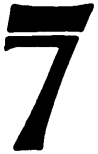
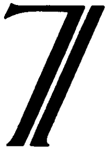
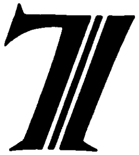
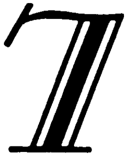
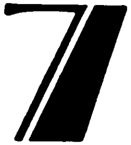
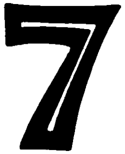
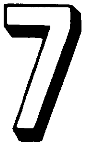
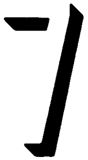
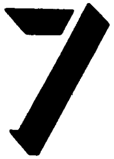
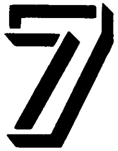
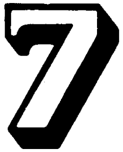
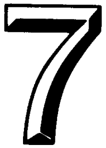
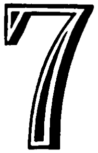
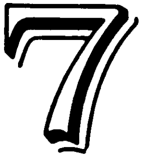
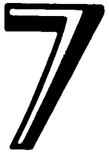
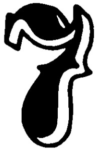
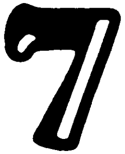
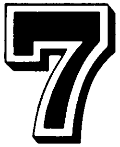
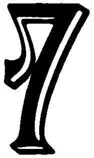
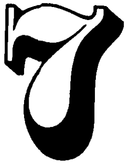
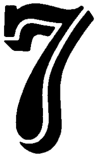
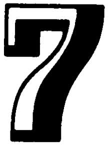
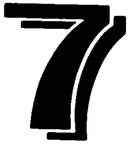
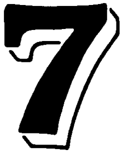
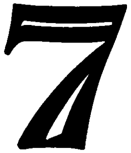
137
*

138


139


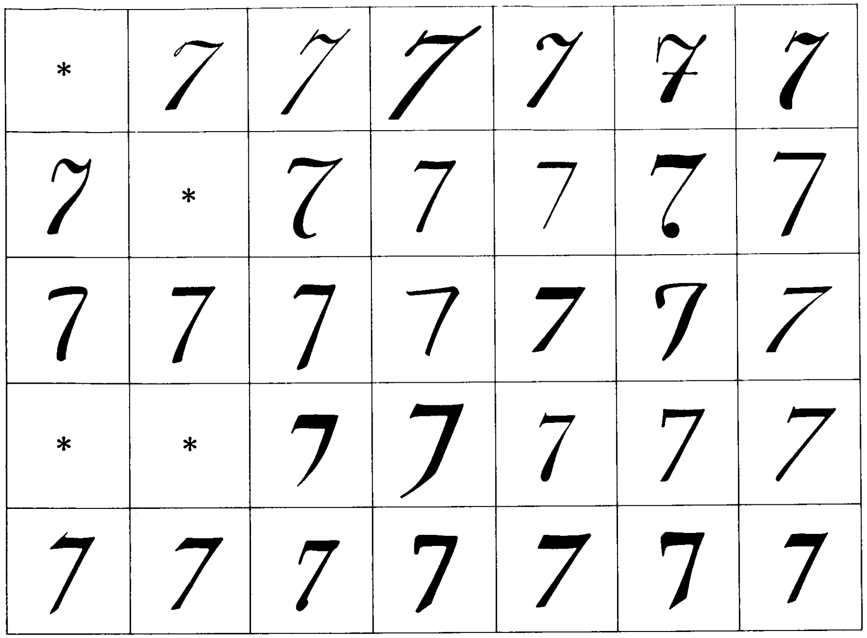
140


141 	142 	143 	144 	145 	146 	147 
148 	149 	150 	151 	152 	153 	154 
155 	156 	157 	158 	159 	160 	161 
162 	163 	164 	165 	166 *	167 	168 
169 	170 	171 	172 	173 *	174 	175 *

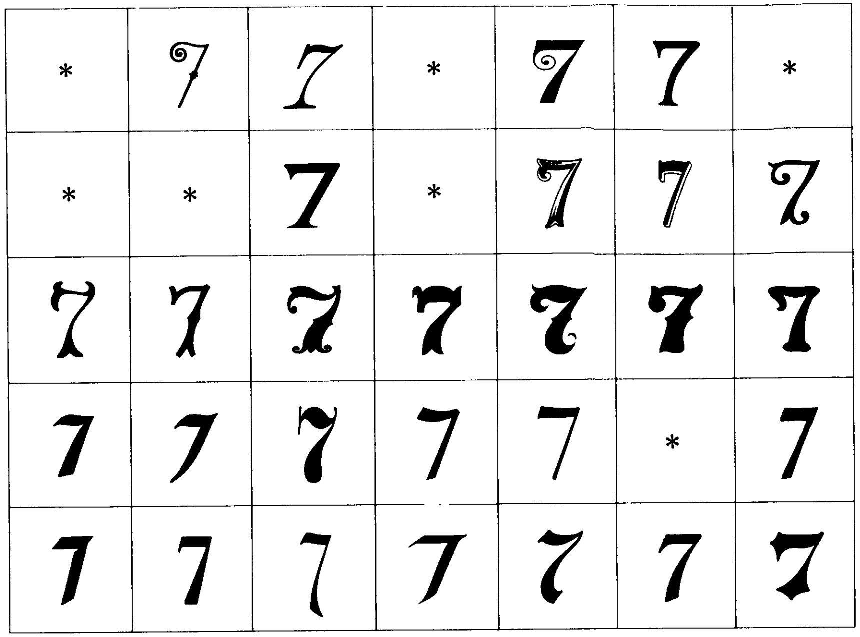
176

177

178

179

180

181

182

183

184

185

186

187

188

189

190

191

192

193

194

195
*
196

197

198

199

200

201

202

203

204

205

206

207

208

209

210


211 *	212 7	213 *	214 7	215 7	216 7	217 7
218 7	219 7	220 7	221 7	222 7	223 7	224 7
225 7	226 7	227 7	228 7	229 7	230 7	231 7
232 7	233 7	234 7	235 7	236 7	237 7	238 7
239 7	240 7	241 7	242 7	243 7	244 7	245 7

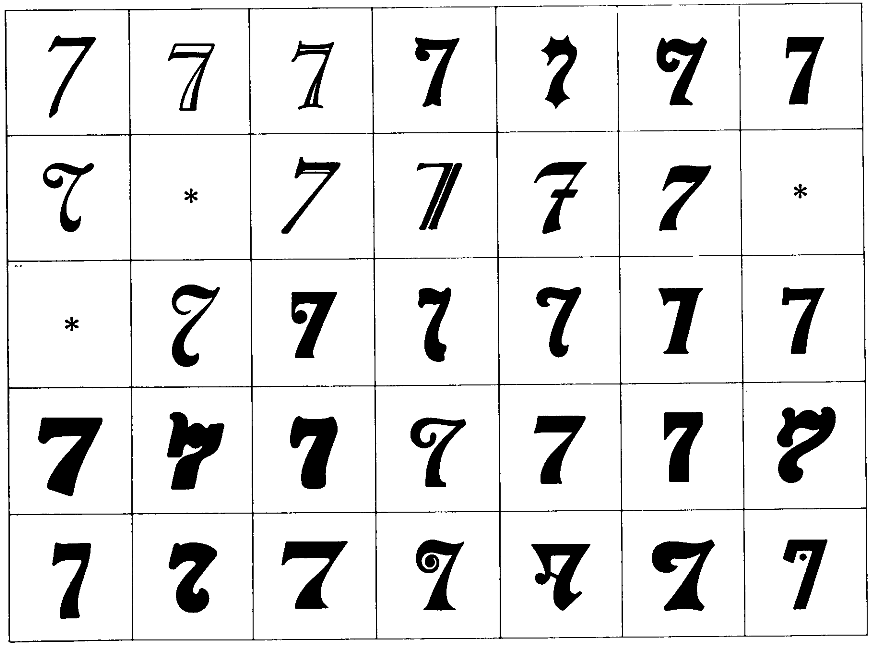
246 7	247 7	248 7	249 7	250 7	251 7	252 7
253 7	254 7	255 7	256 7	257 7	258 7	259 7
260 7	261 7	262 7	263 7	264 7	265 7	266 7
267 7	268 7	269 7	270 7	271 7	272 7	273 *
274 7	275 7	276 7	277 7	278 7	279 7	280 7



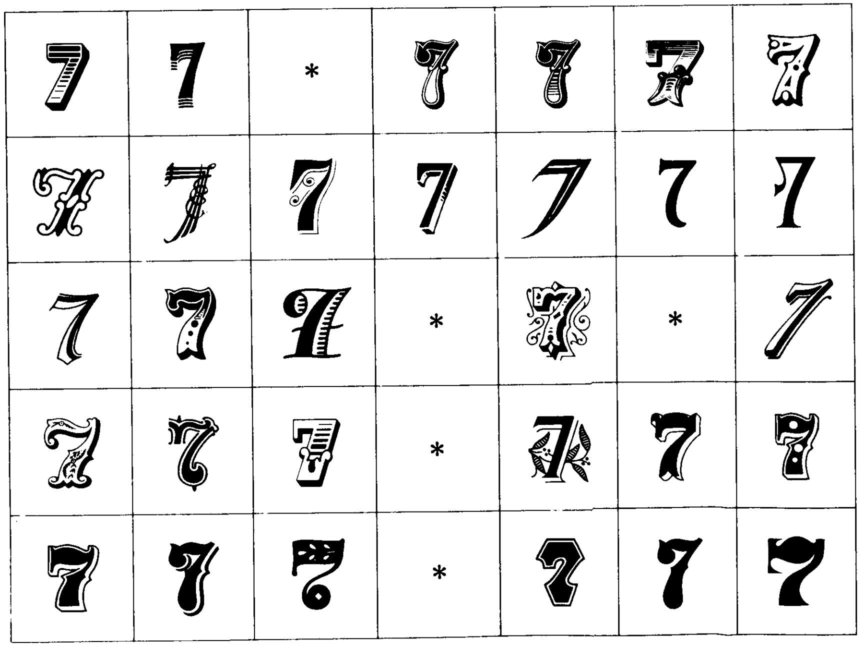
366



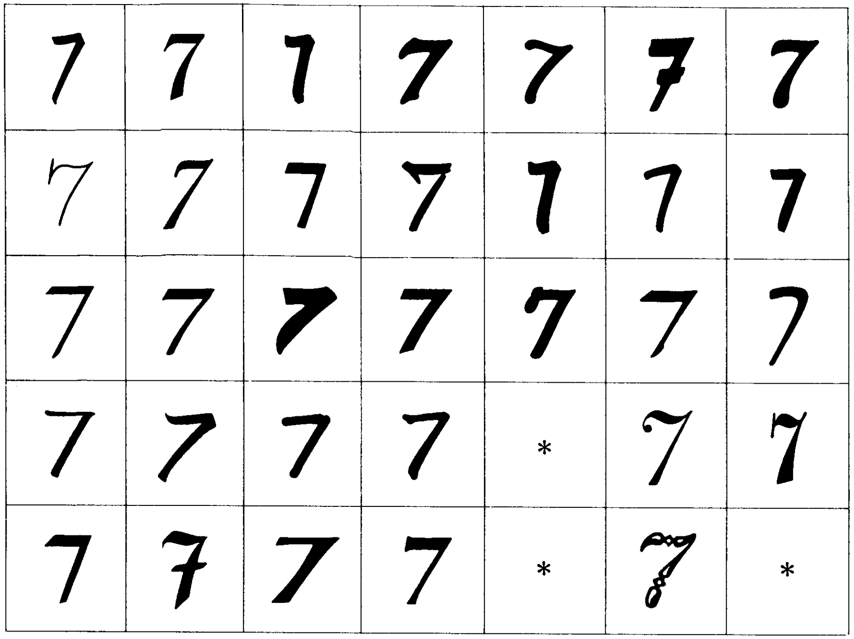
367



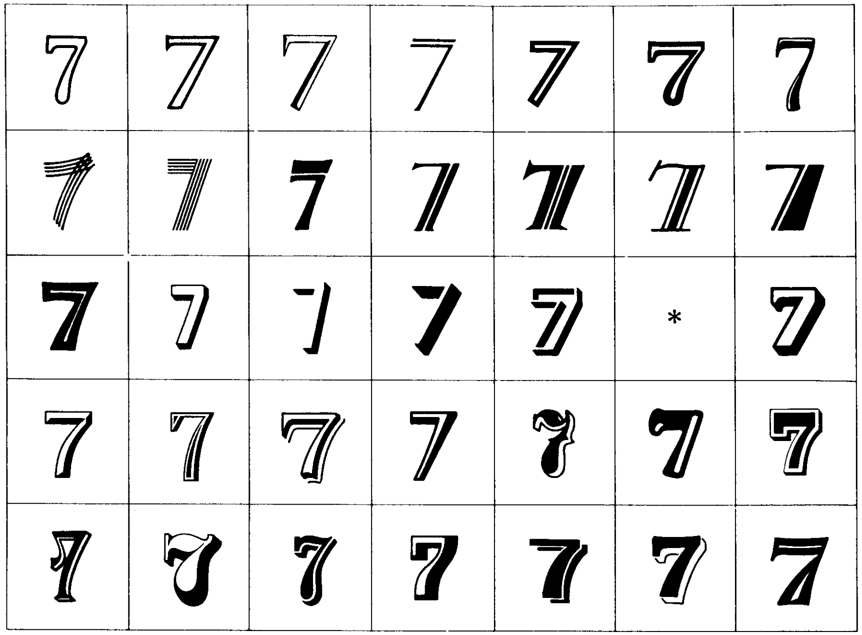
368



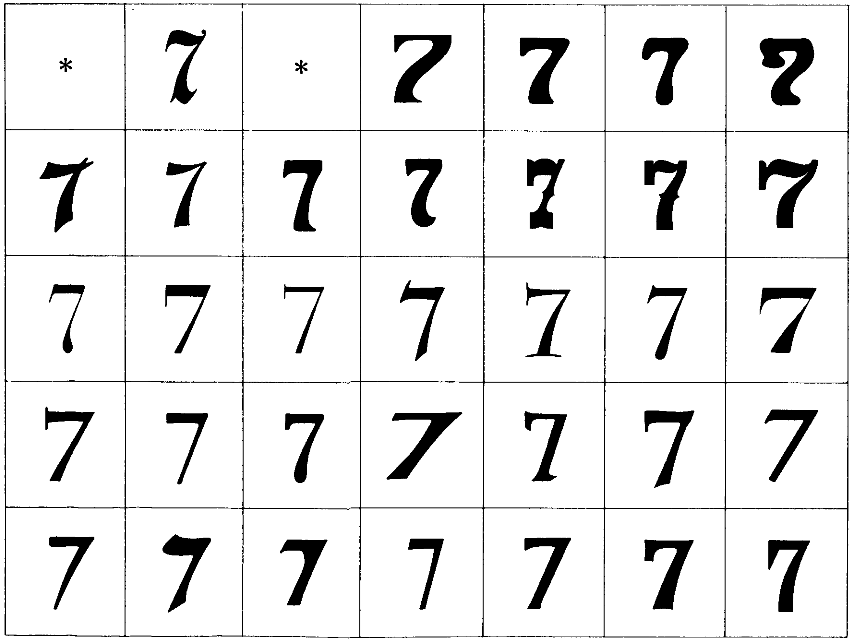
369



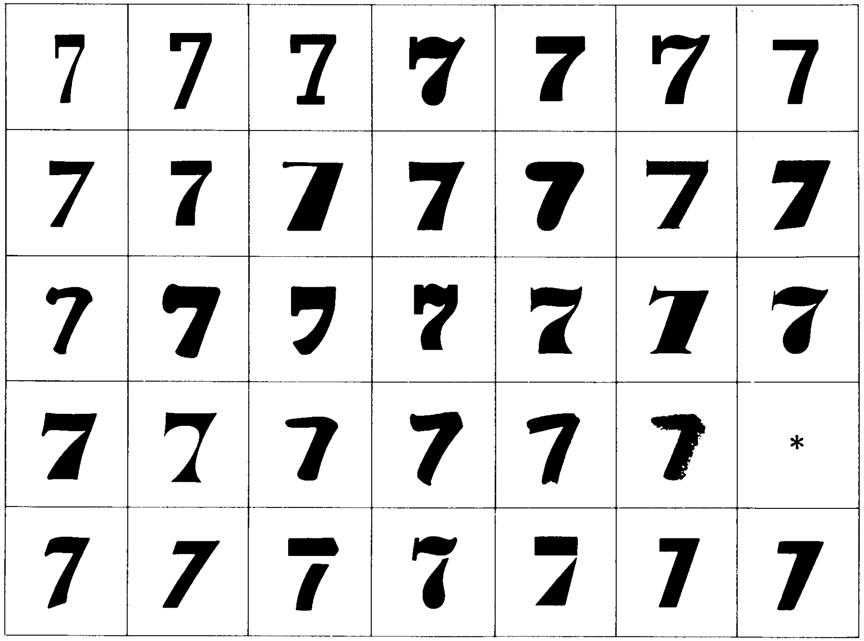
370



371

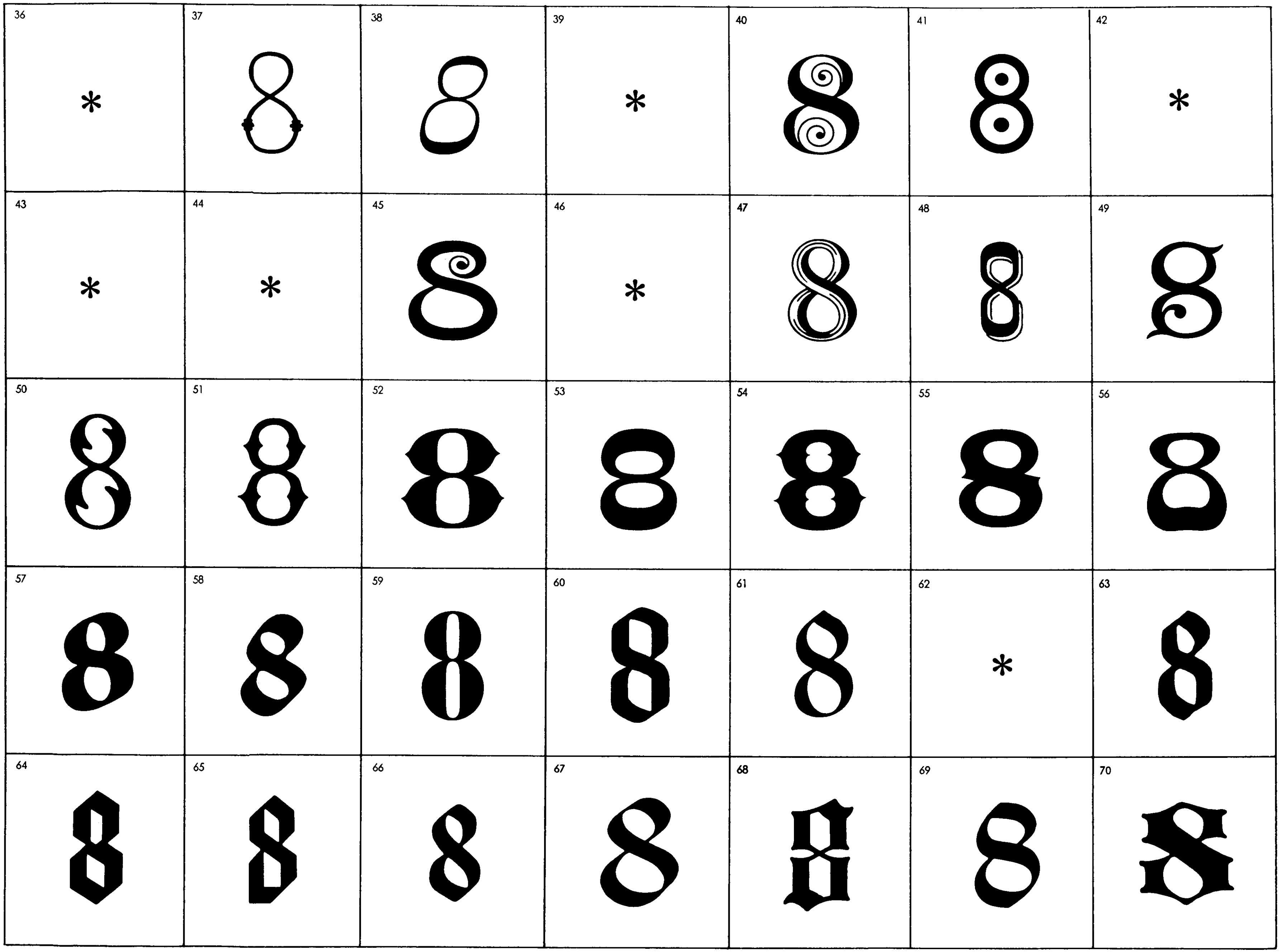


372



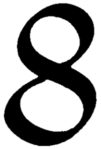
373

1 *	2 8	3 8	4 8	5 8	6 8	7 8
8 8	9 *	10 8	11 8	12 8	13 8	14 8
15 8	16 8	17 8	18 8	19 8	20 8	21 8
22 *	23 *	24 8	25 8	26 8	27 8	28 8
29 8	30 8	31 8	32 8	33 8	34 8	35 8

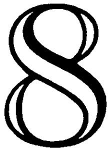

36 *
37
38
39 *
40
41
42 *
43 *
44 *
45
46 *
47
48
49
50
51
52
53
54
55
56
57
58
59
60
61
62 *
63
64
65
66
67
68
69
70

** Denotes that no numerals have been designed.*

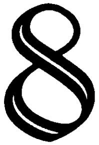
71



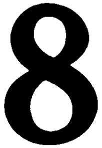
72



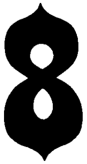
73



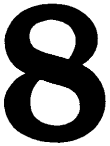
74



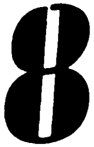
75



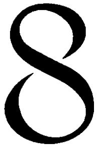
76



77



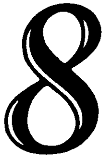
78



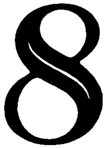
79

*

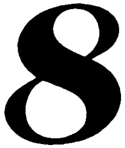
80



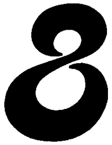
81



82



83



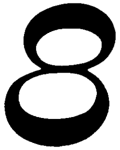
84

*

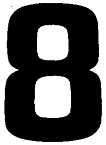
85

*

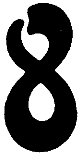
86



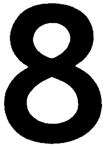
87



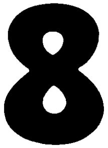
88



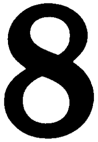
89



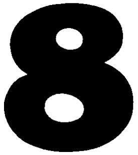
90



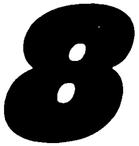
91



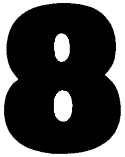
92



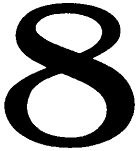
93



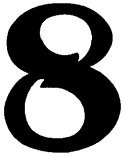
94



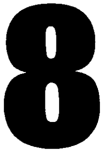
95



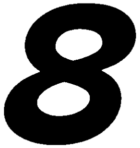
96



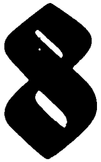
97



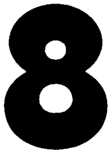
98



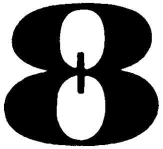
99



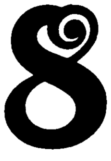
100



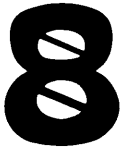
101



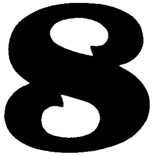
102



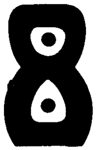
103



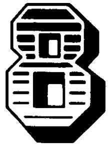
104



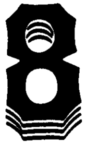
105



106



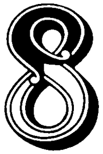
107



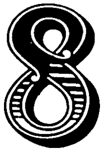
108

*

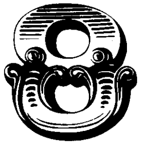
109



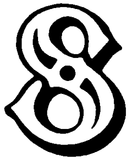
110



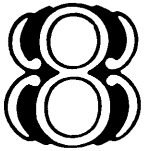
111



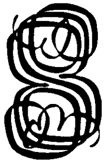
112



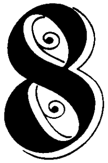
113



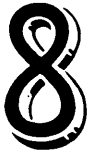
114



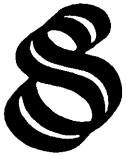
115



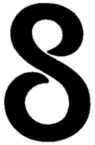
116



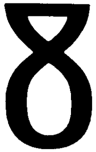
117



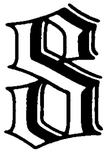
118



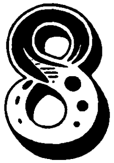
119



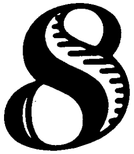
120



121



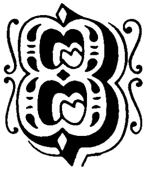
122



123

*

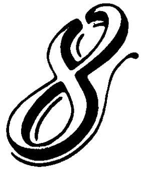
124



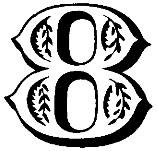
125

*

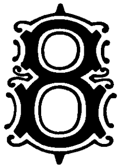
126



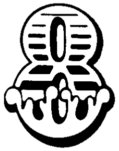
127



128



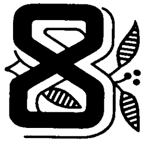
129



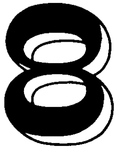
130

*

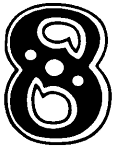
131



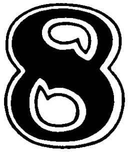
132



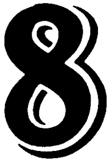
133



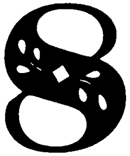
134



135



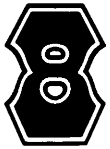
136



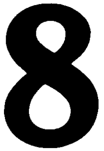
137

*

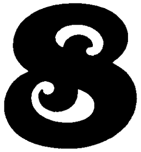
138



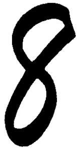
139



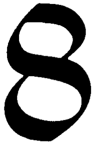
140



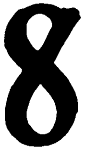
141



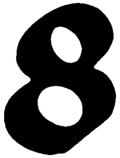
142



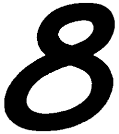
143



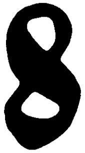
144



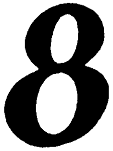
145



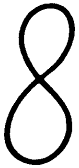
146



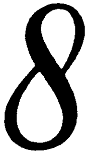
147



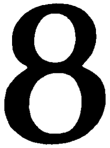
148



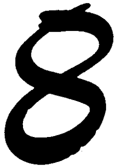
149



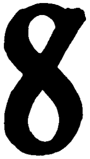
150



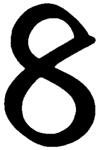
151



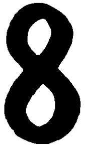
152



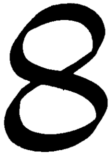
153



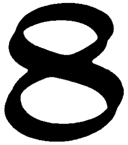
154



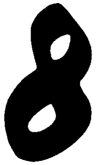
155



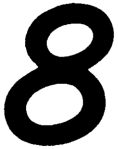
156



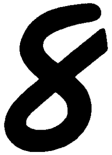
157



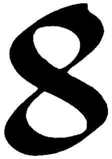
158



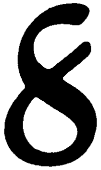
159



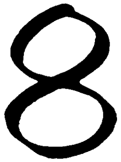
160



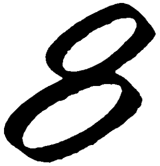
161



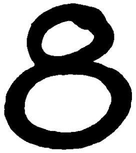
162



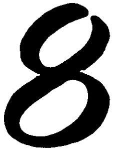
163



164



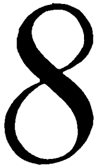
165



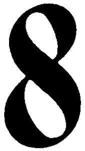
166

*

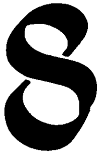
167



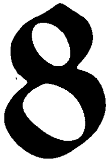
168



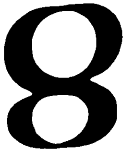
169



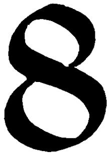
170



171



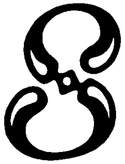
172



173

*

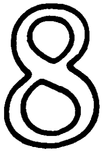
174



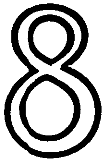
175

*

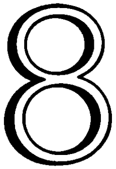
176



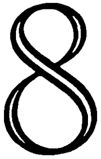
177



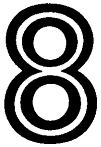
178



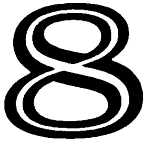
179



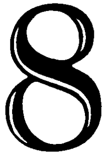
180



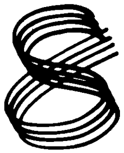
181



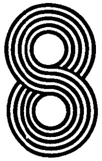
182



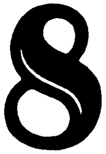
183



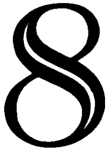
184



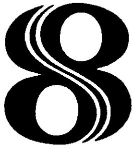
185



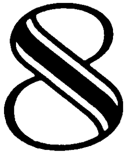
186



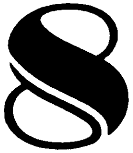
187



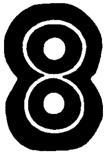
188



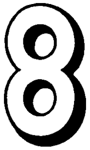
189



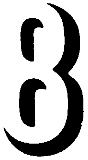
190



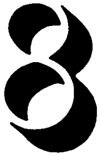
191



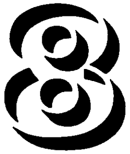
192



193



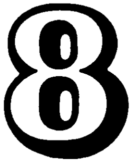
194



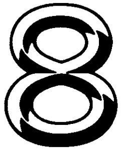
195

*

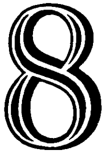
196



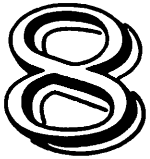
197



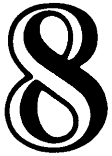
198



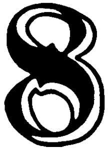
199



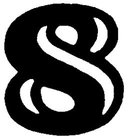
200



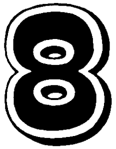
201



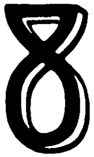
202



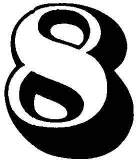
203



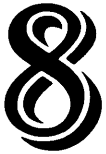
204



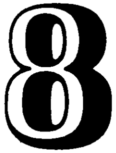
205



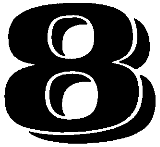
206



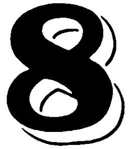
207



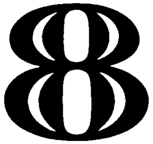
208



209



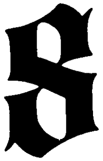
210



211

*

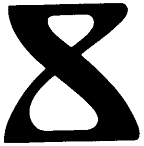
212



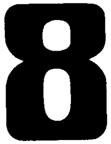
213

*

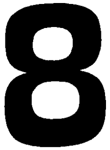
214



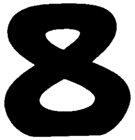
215



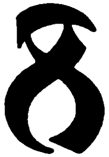
216



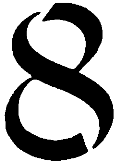
217



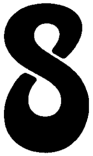
218



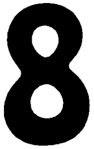
219



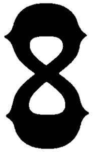
220



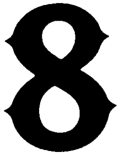
221



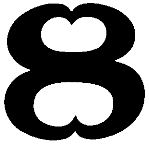
222



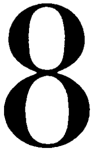
223



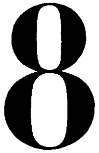
224



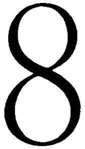
225



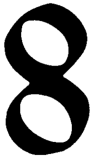
226



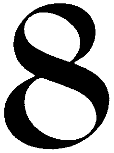
227



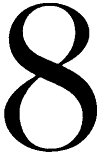
228



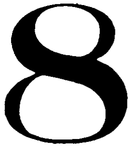
229



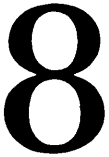
230



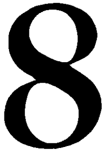
231



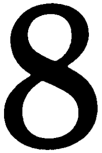
232



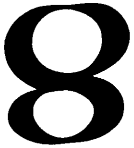
233



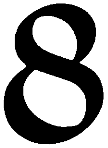
234



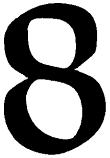
235



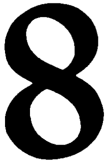
236



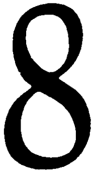
237



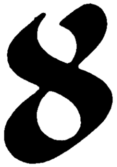
238



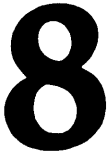
239



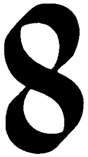
240



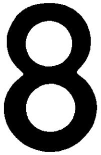
241



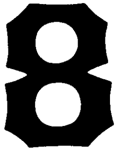
242



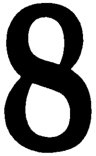
243



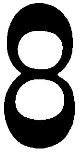
244



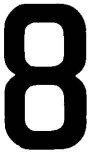
245



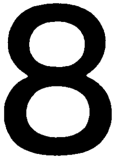
246



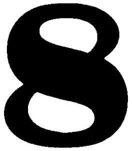
247



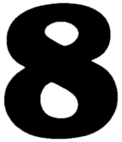
248



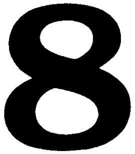
249



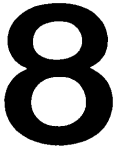
250



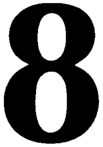
251



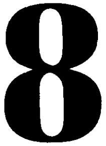
252



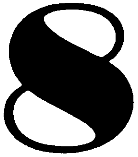
253



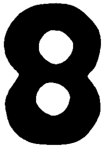
254



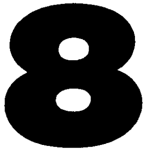
255



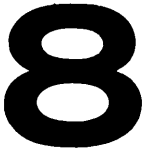
256



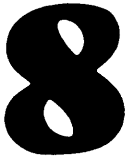
257



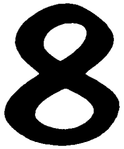
258



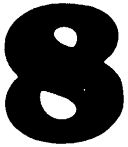
259



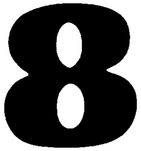
260



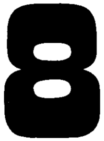
261



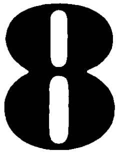
262



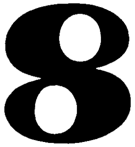
263



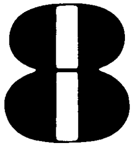
264



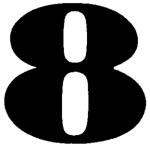
265



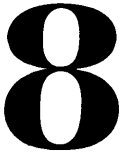
266



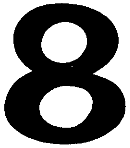
267



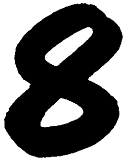
268



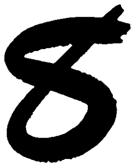
269



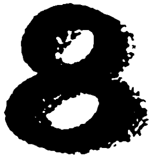
270



271



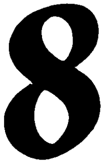
272



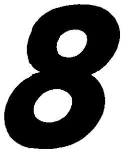
273

*

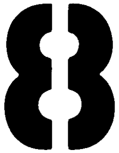
274



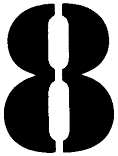
275



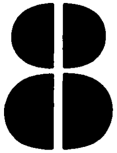
276



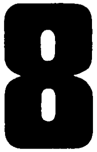
277



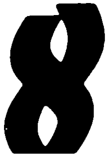
278

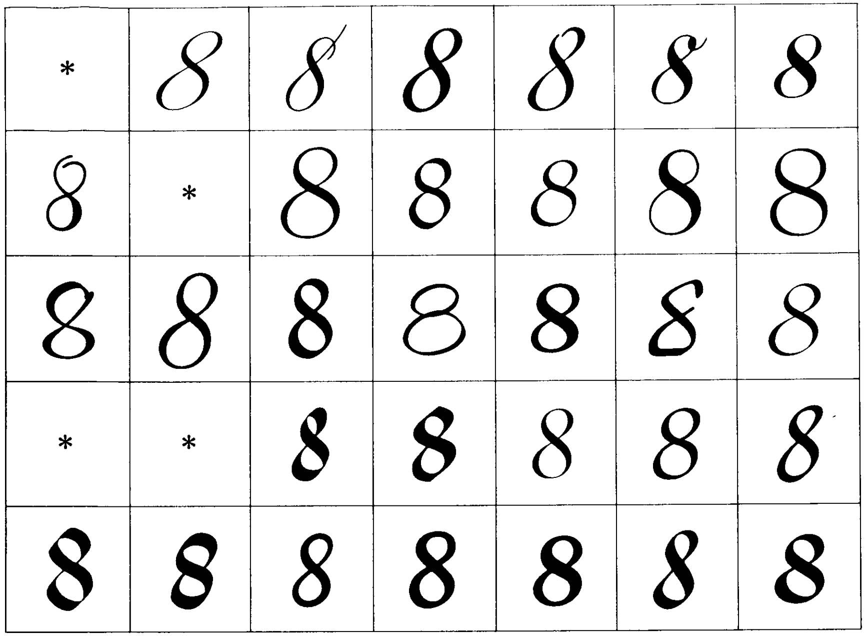


279

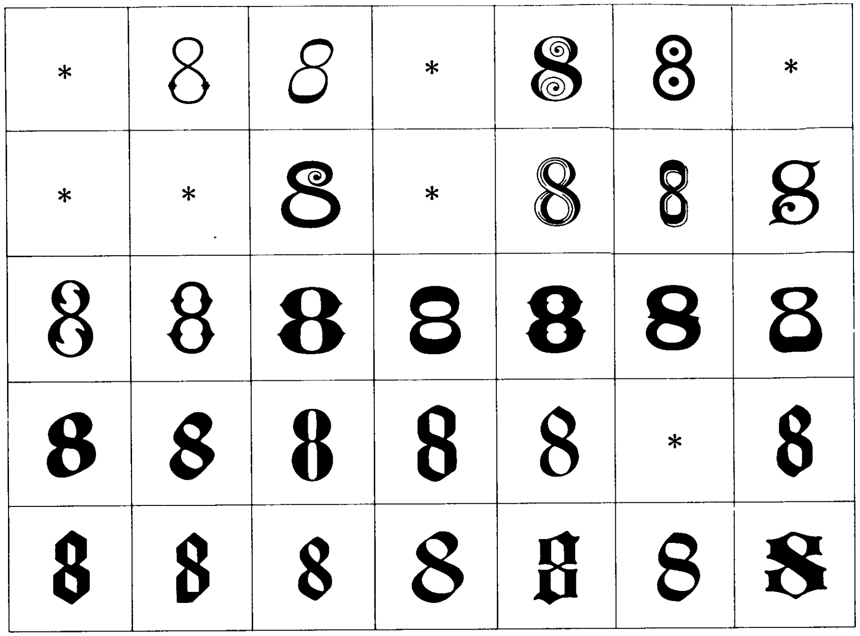


280

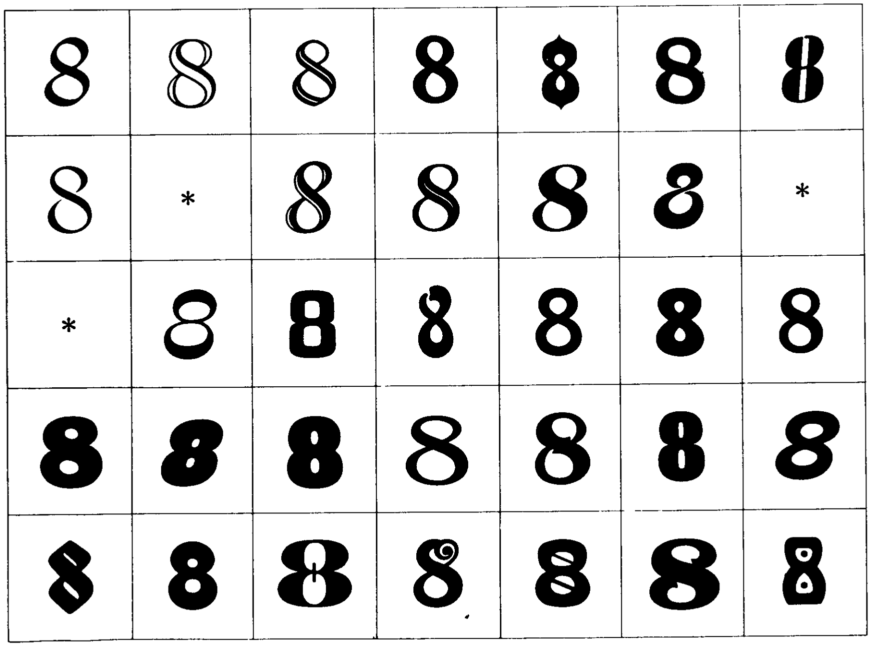




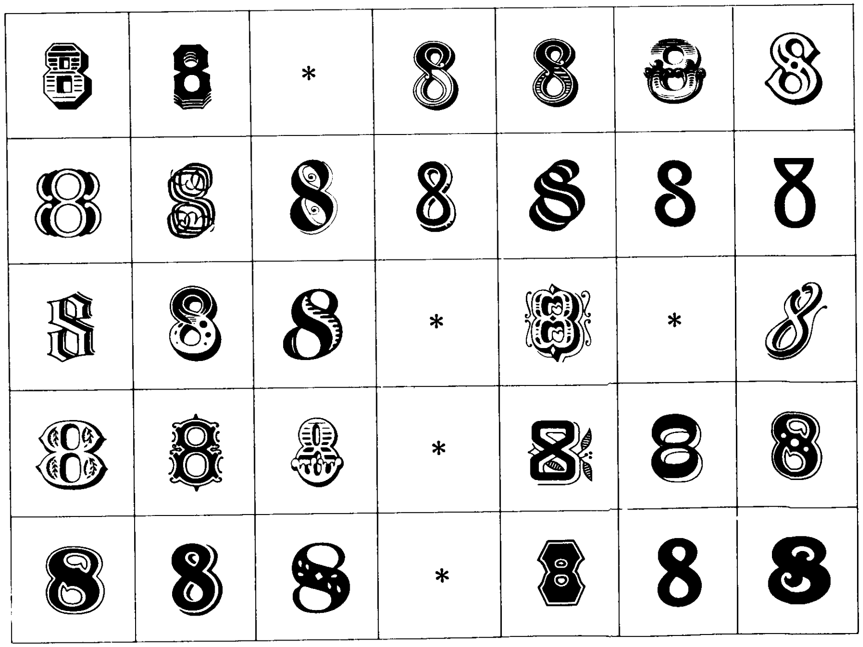
376



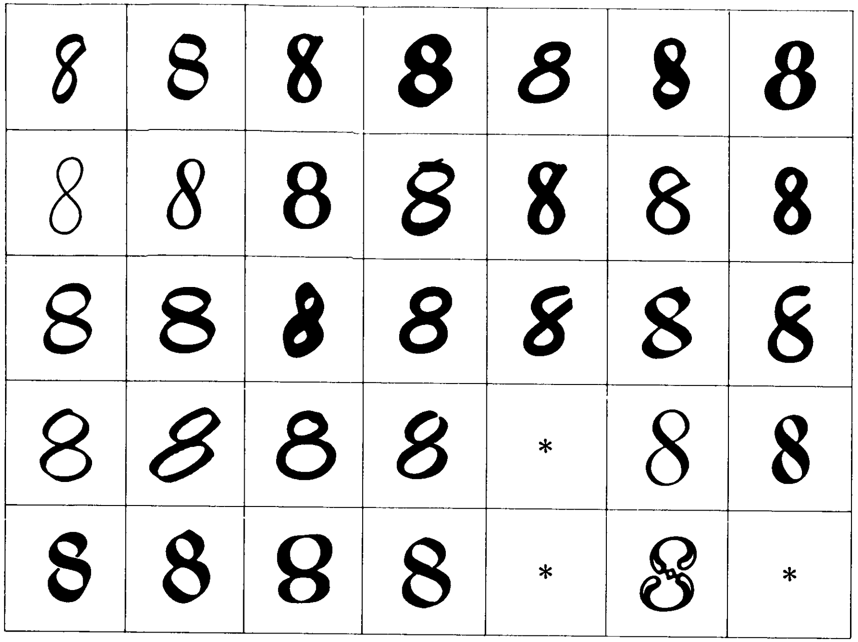
377



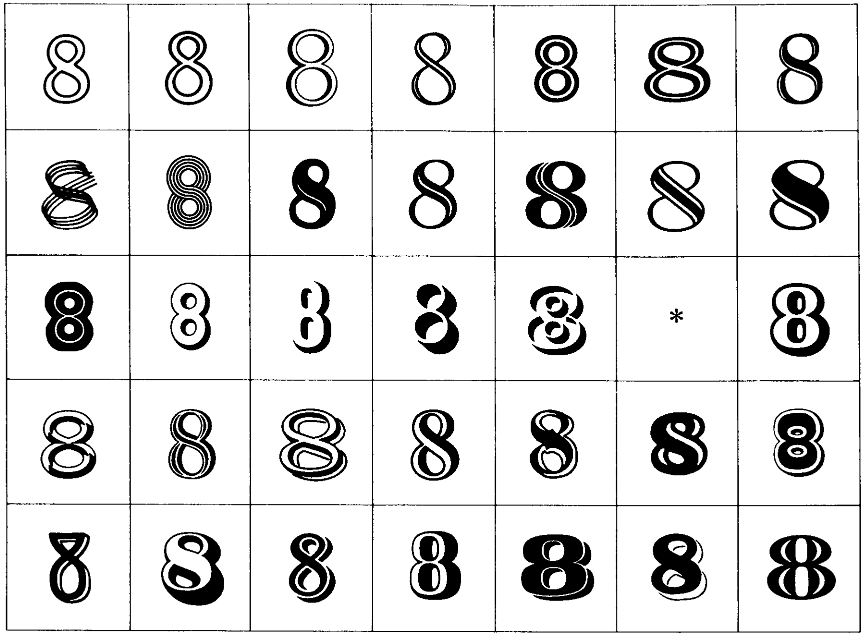
378



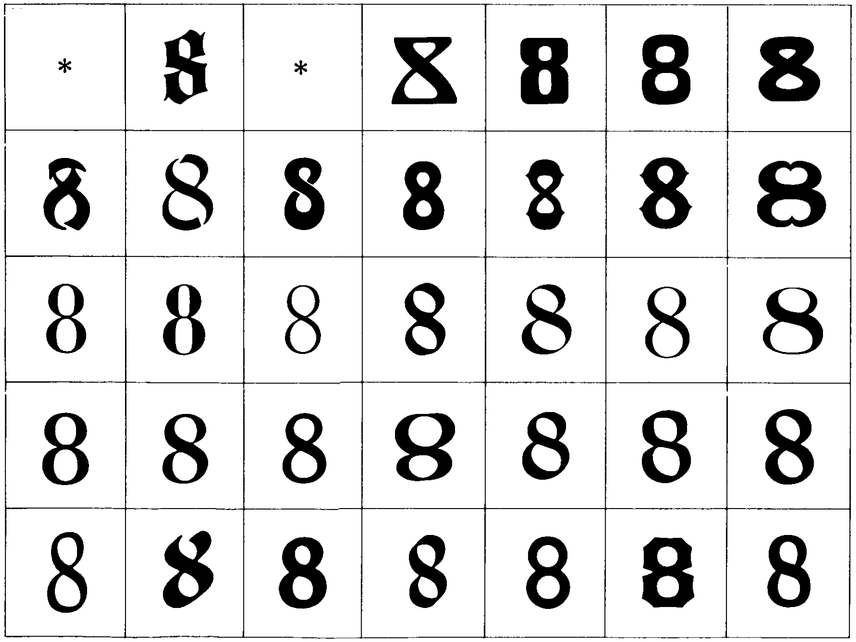
379



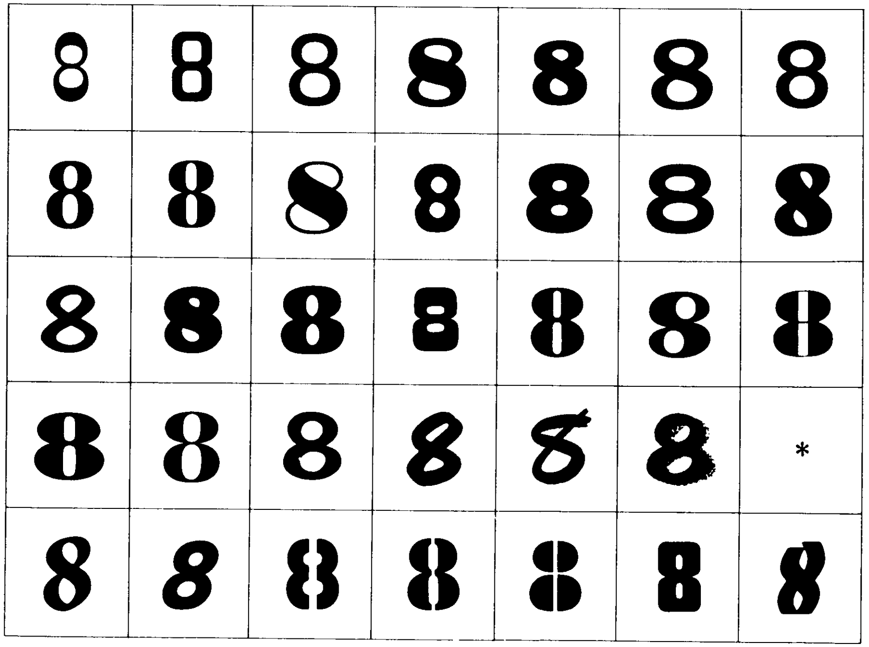
380



381

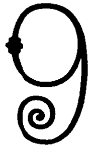
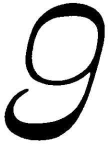
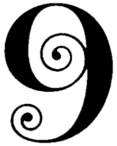
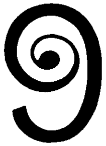
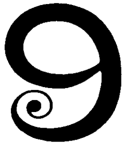
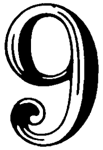
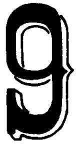
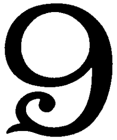
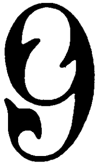
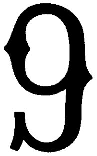
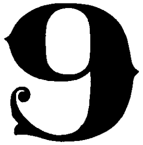
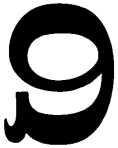
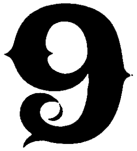
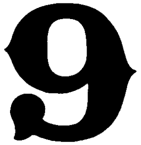
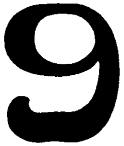
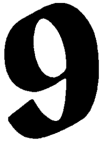
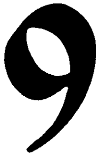
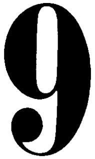
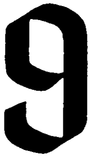
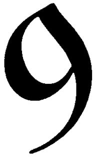
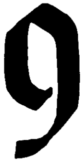
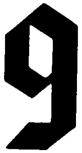
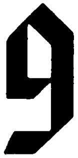
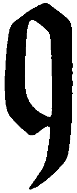
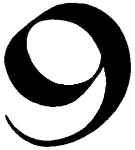
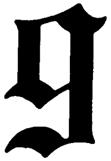
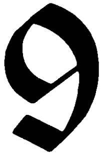
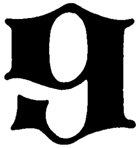


382



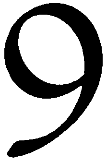
383

1 *	2 9	3 9	4 9	5 9	6 9	7 9
8 9	9 *	10 9	11 9	12 9	13 9	14 9
15 9	16 9	17 9	18 9	19 9	20 9	21 9
22 *	23 *	24 9	25 9	26 9	27 9	28 9
29 9	30 9	31 9	32 9	33 9	34 9	35 9

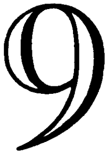
36 *	37 	38 	39 *	40 	41 	42 *
43 *	44 *	45 	46 *	47 	48 	49 
50 	51 	52 	53 	54 	55 	56 
57 	58 	59 	60 	61 	62 *	63 
64 	65 	66 	67 	68 	69 	70 

***** *Denotes that no numerals have been designed.*

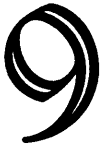
71



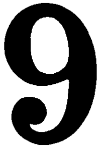
72



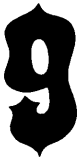
73



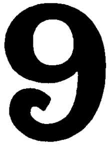
74



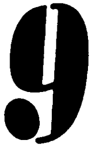
75



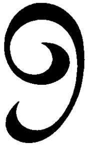
76



77



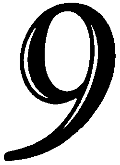
78



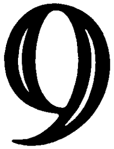
79

*

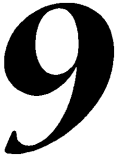
80



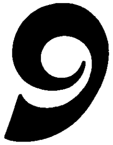
81



82



83



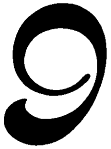
84

*

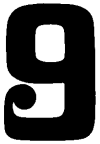
85

*

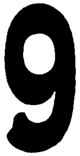
86



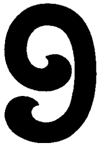
87



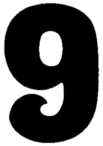
88



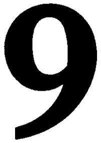
89



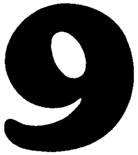
90



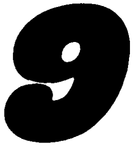
91



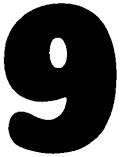
92



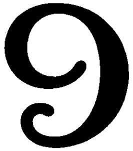
93



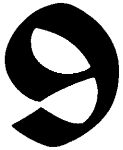
94



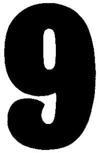
95



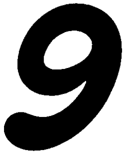
96



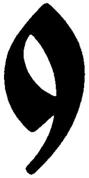
97



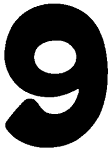
98



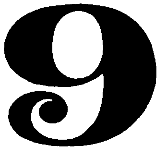
99



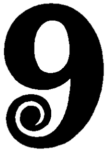
100



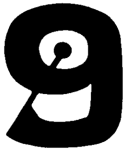
101



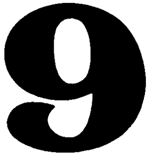
102



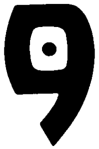
103

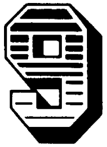
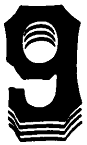
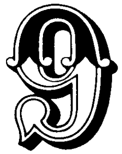
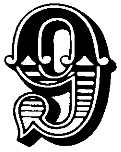
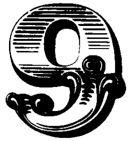
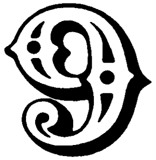
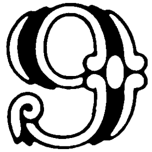
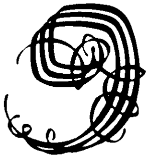
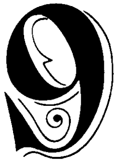
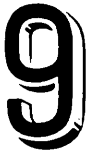
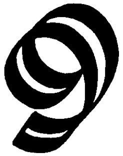
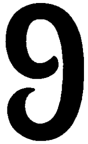
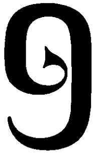
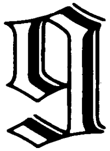
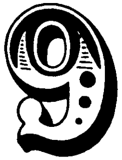
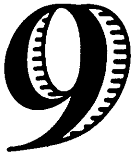
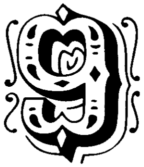
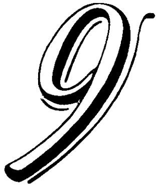
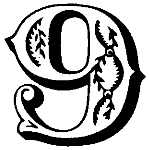
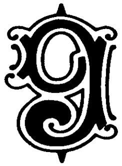
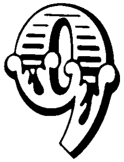
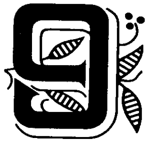
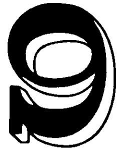
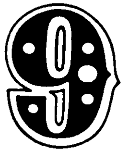
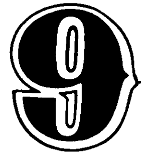
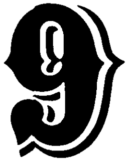
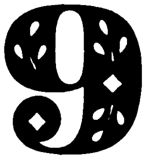
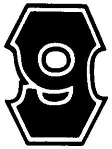
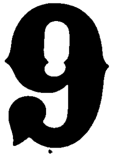
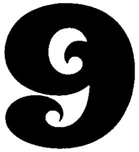


104

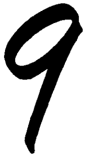


105

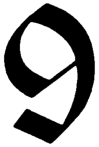


106 	107 	108 *	109 	110 	111 	112 
113 	114 	115 	116 	117 	118 	119 
120 	121 	122 	123 *	124 	125 *	126 
127 	128 	129 	130 *	131 	132 	133 
134 	135 	136 	137 *	138 	139 	140 

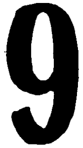
141



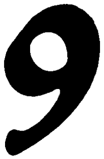
142



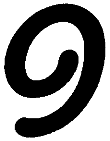
143



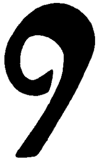
144



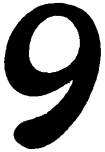
145



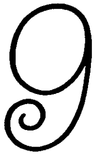
146



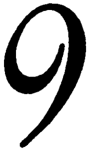
147



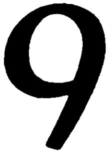
148



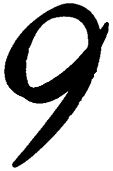
149



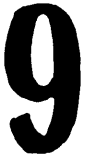
150



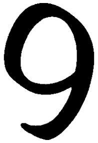
151



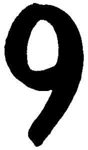
152



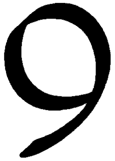
153



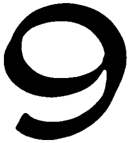
154



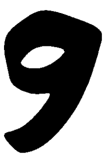
155



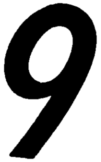
156



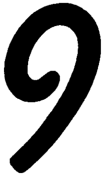
157



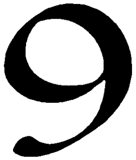
158



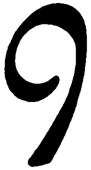
159



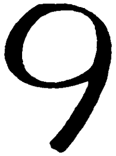
160



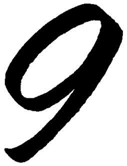
161



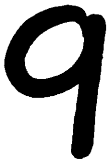
162



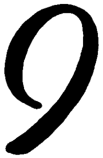
163



164



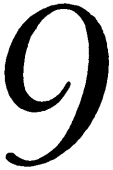
165



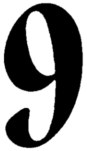
166

*

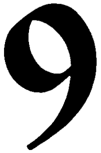
167



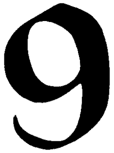
168



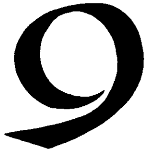
169



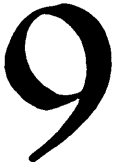
170



171



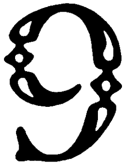
172



173

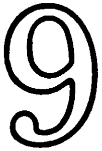
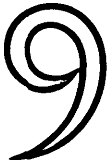
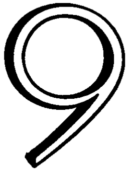
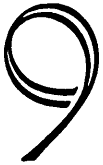
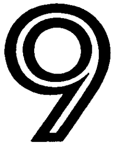
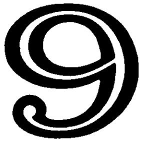
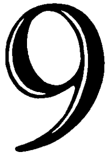
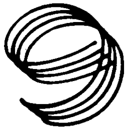
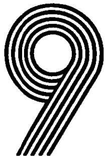
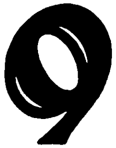
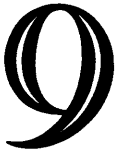
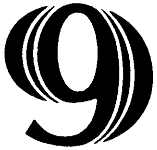
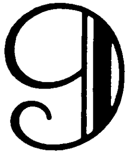
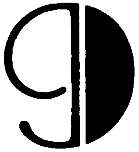
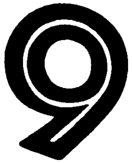
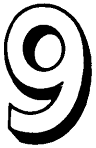
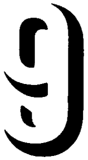
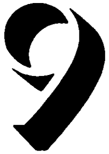
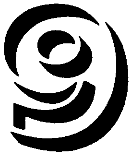
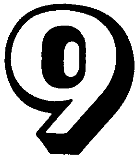
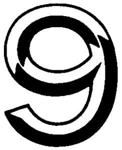
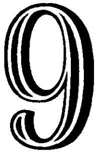
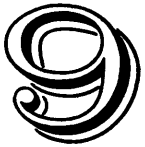
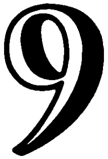
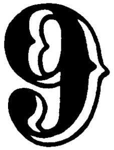
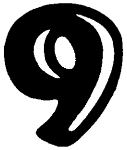
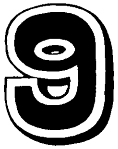
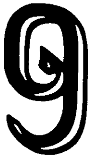
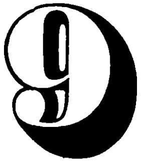
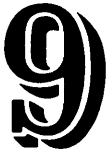
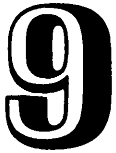
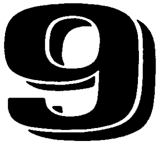
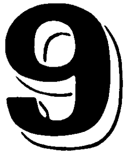
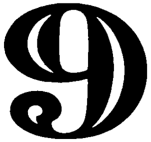
*

174



175

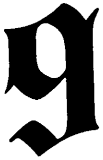
*

176

177

178

179

180

181

182

183

184

185

186

187

188

189

190

191

192

193

194

195
*
196

197

198

199

200

201

202

203

204

205

206

207

208

209

210


211

*

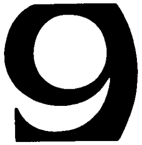
212



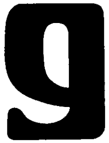
213

*

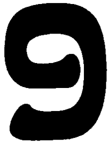
214



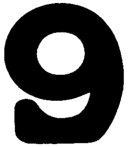
215



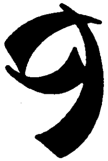
216



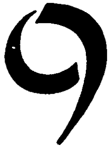
217



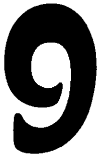
218



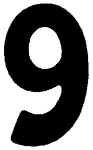
219



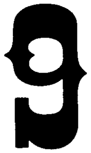
220



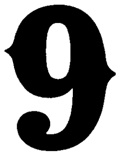
221



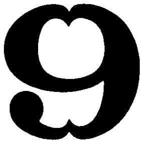
222



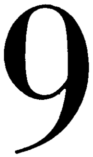
223



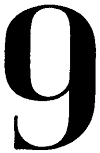
224



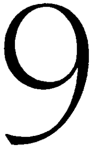
225



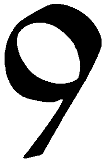
226



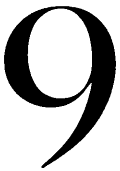
227



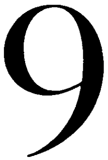
228



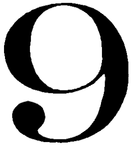
229



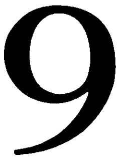
230



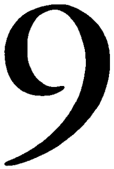
231



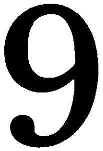
232



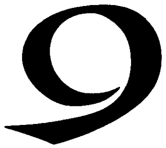
233



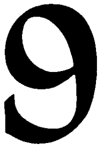
234



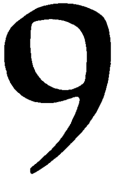
235



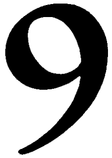
236



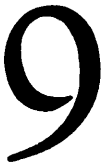
237



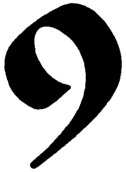
238



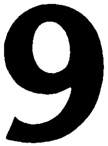
239



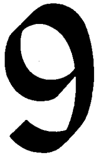
240



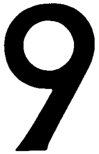
241



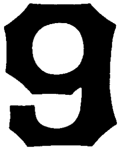
242



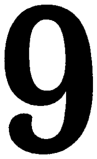
243

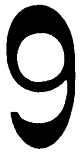
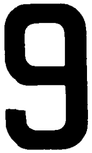
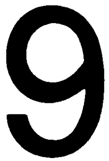
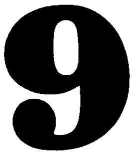
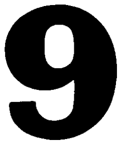
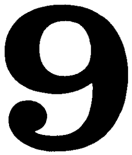
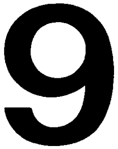
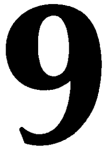
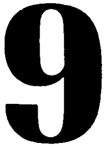
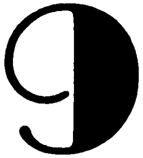
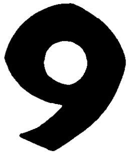
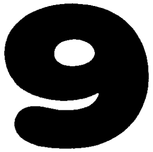
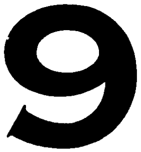
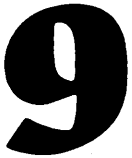
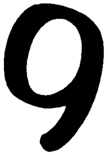
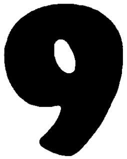
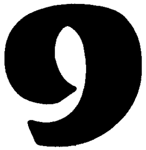
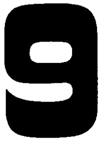
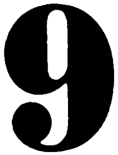
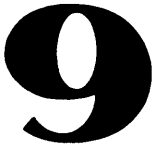
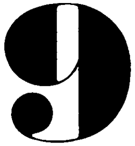
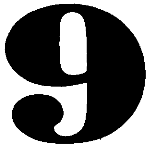
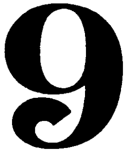
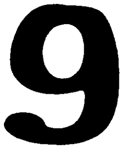
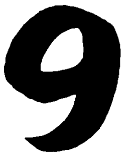
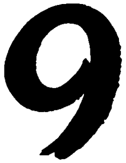
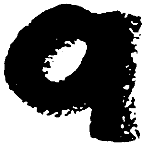
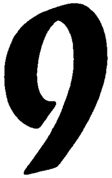
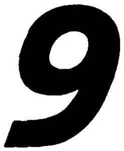
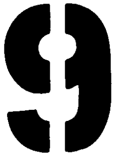
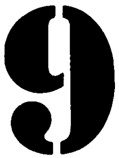
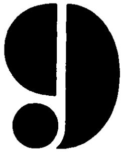
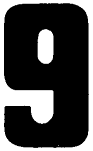
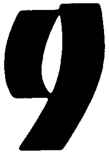


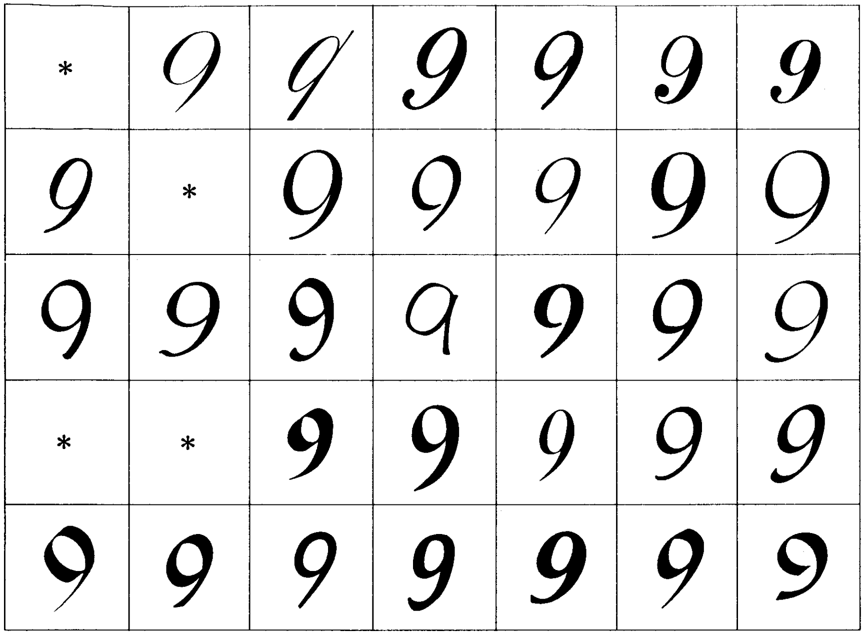
244

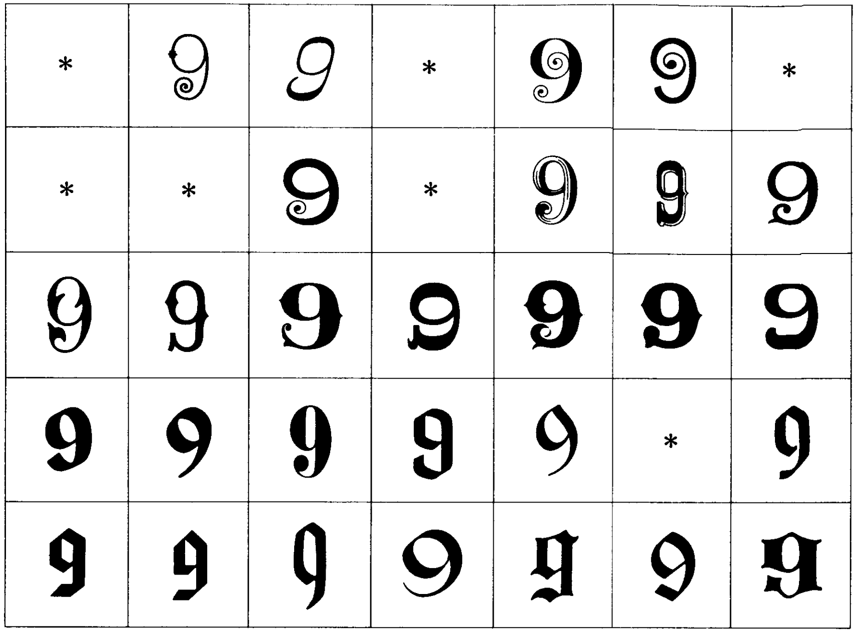


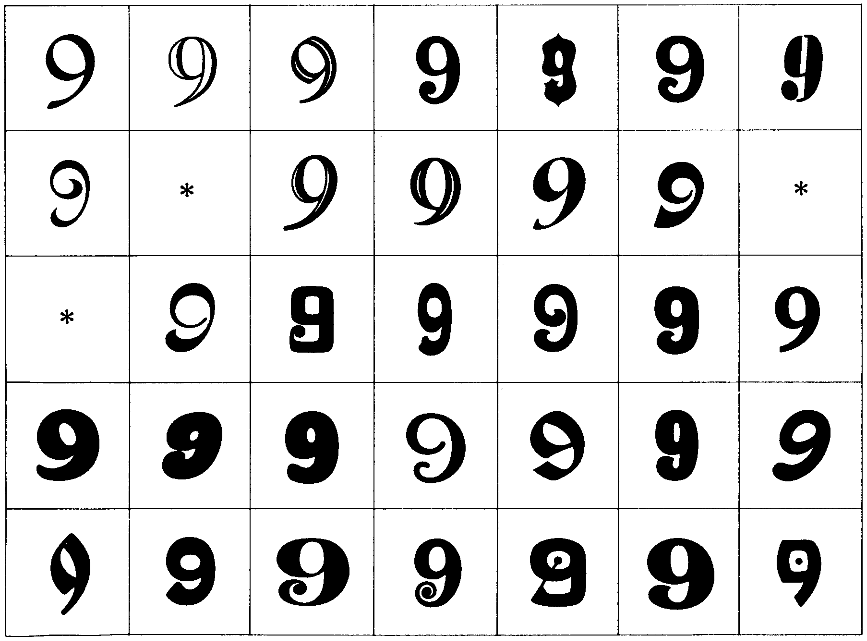
245

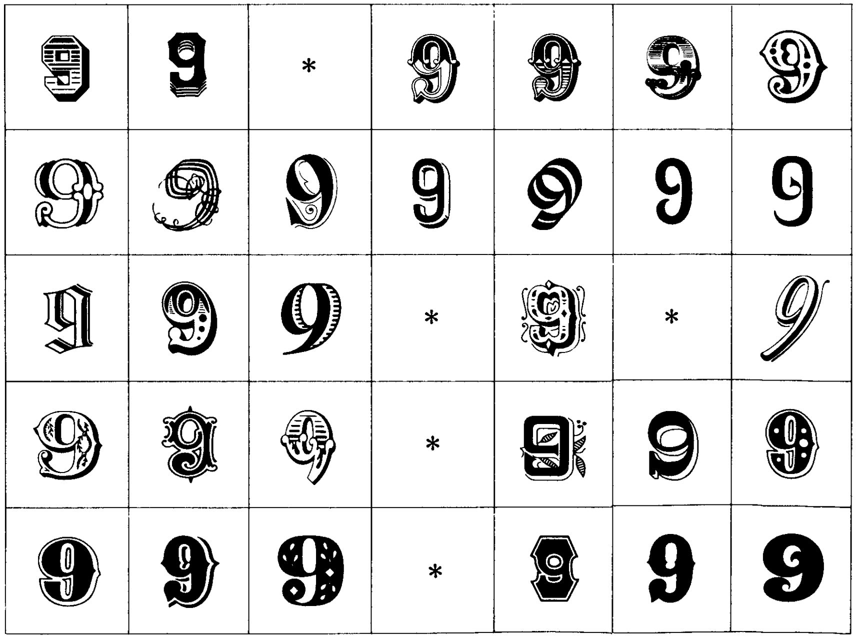


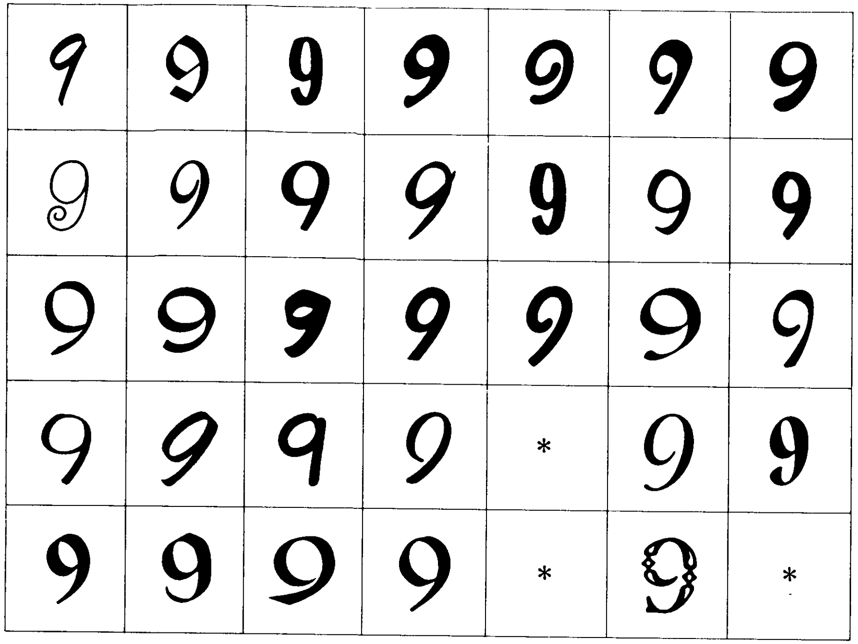
246 	247 	248 	249 	250 	251 	252 
253 	254 	255 	256 	257 	258 	259 
260 	261 	262 	263 	264 	265 	266 
267 	268 	269 	270 	271 	272 	273 *
274 	275 	276 	277 	278 	279 	280 


386

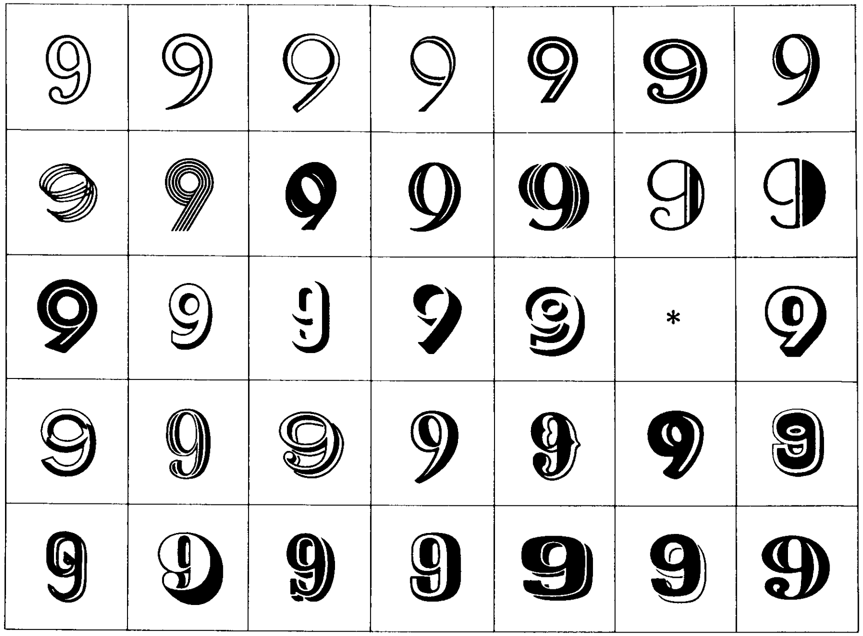

387


388

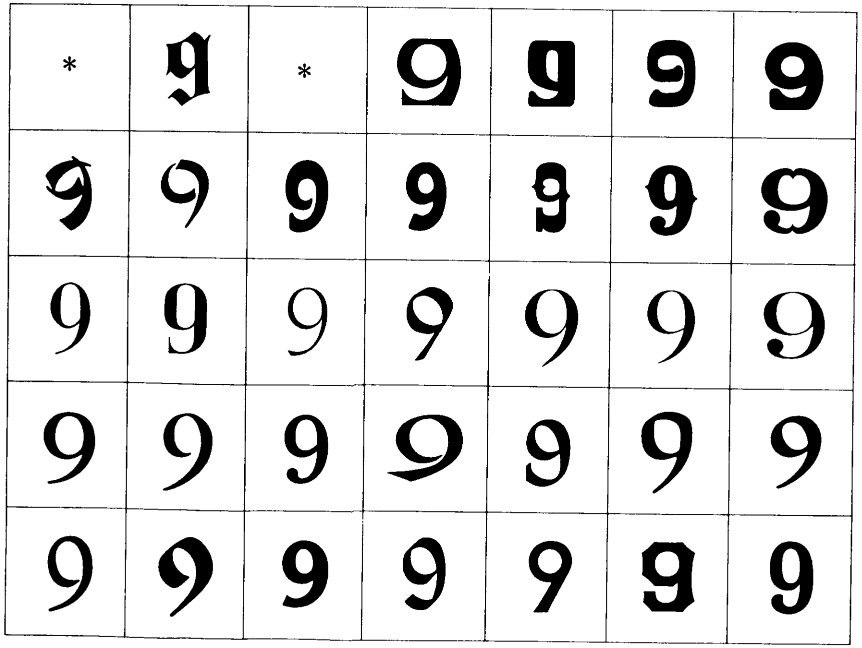

389



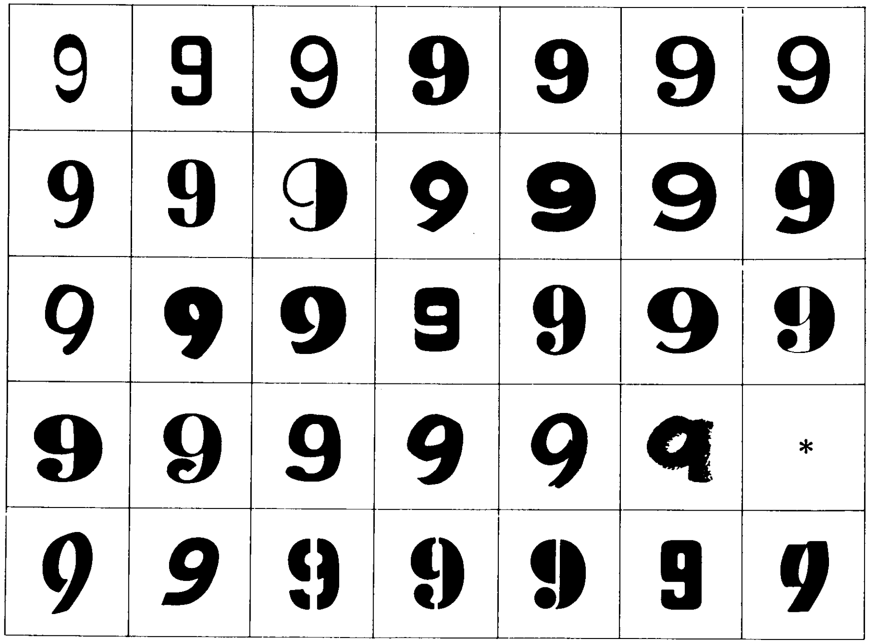
390



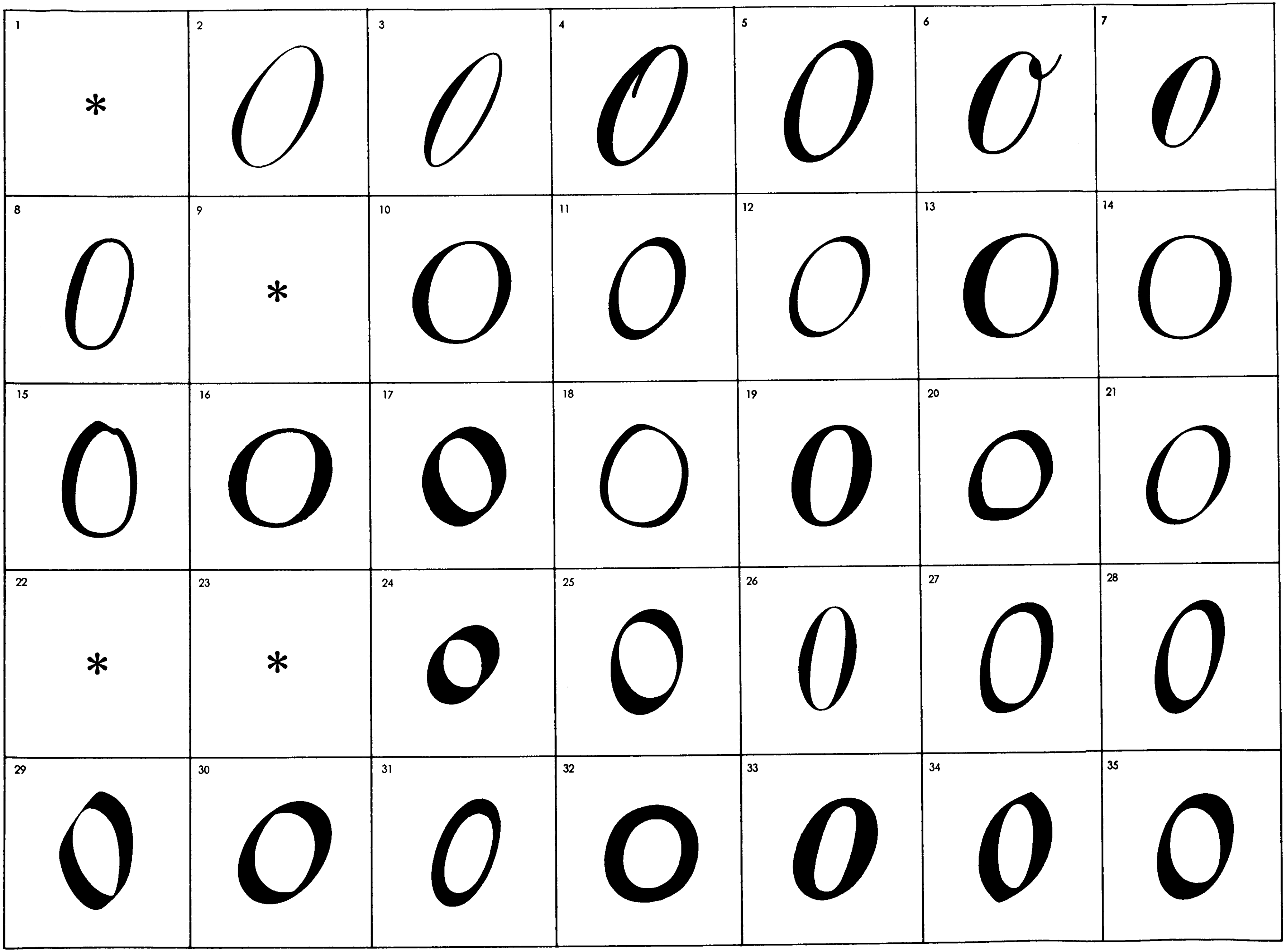
391

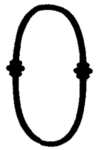
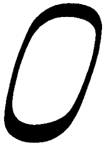
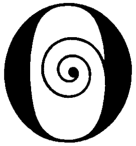
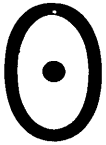
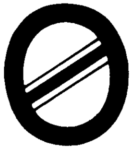
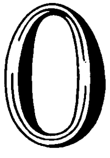
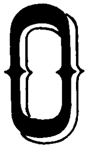
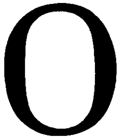
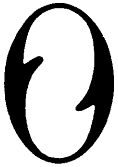
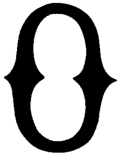
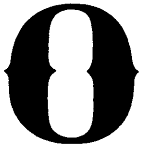
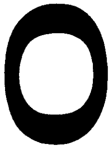
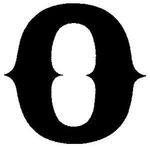
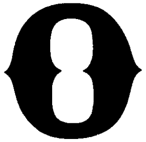
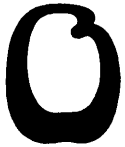
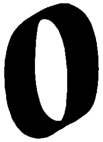
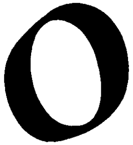
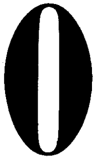
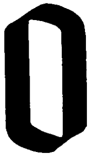
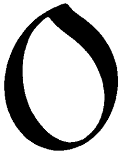
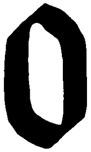
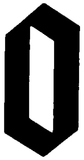
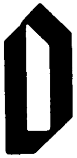
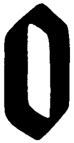
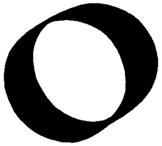
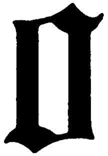
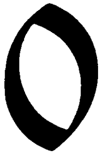
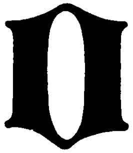


392



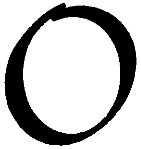
393


1
*
2
3
4
5
6
7
8
9
*
10
11
12
13
14
15
16
17
18
19
20
21
22
*
23
*
24
25
26
27
28
29
30
31
32
33
34
35

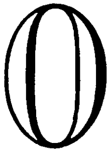
36 *	37 	38 	39 *	40 	41 	42 *
43 *	44 *	45 	46 *	47 	48 	49 
50 	51 	52 	53 	54 	55 	56 
57 	58 	59 	60 	61 	62 *	63 
64 	65 	66 	67 	68 	69 	70 

** Denotes that no numerals have been designed.*

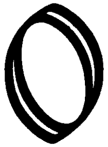
71



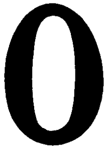
72



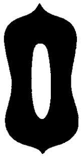
73



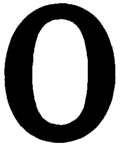
74



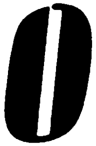
75



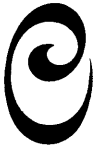
76



77



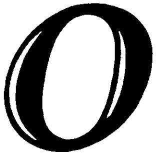
78



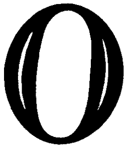
79

*

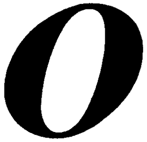
80



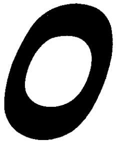
81



82



83



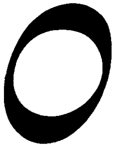
84

*

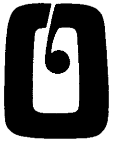
85

*

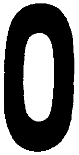
86



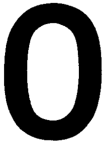
87



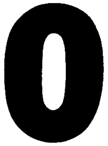
88



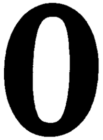
89



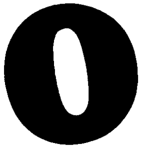
90



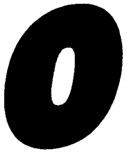
91



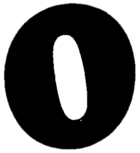
92



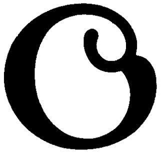
93



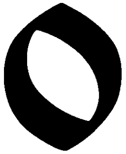
94



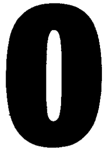
95



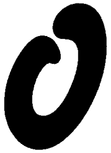
96



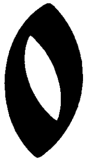
97



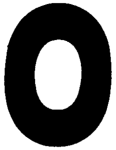
98



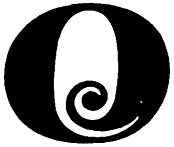
99



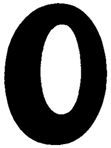
100



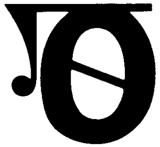
101



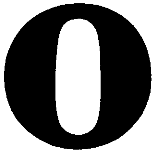
102



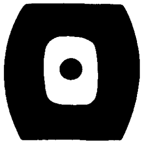
103

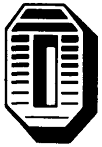


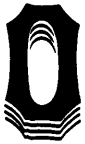
104



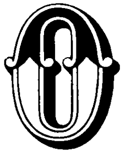
105

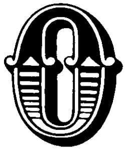


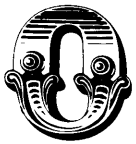
106


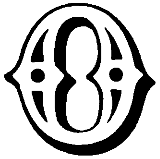
107


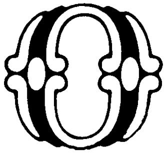
108
*

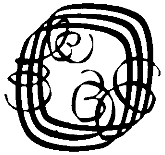
109


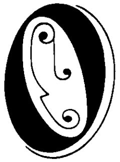
110


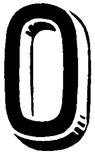
111


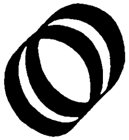
112


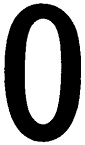
113


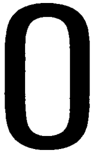
114


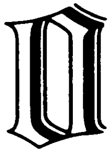
115


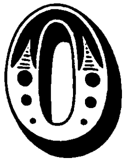
116


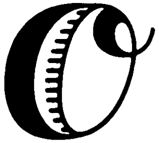
117


118


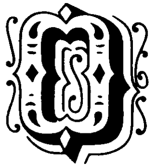
119


120


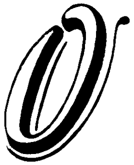
121


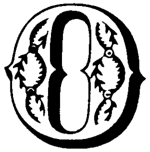
122


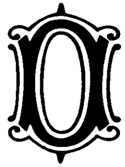
123
*

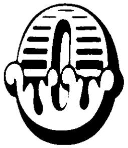
124


125
*

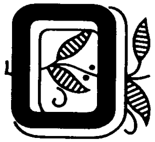
126


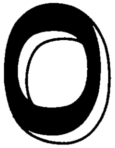
127


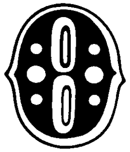
128


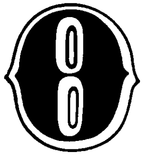
129


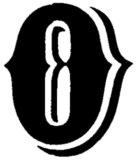
130
*

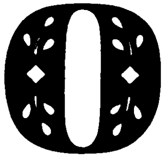
131


132


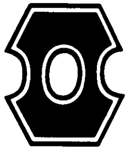
133


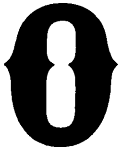
134


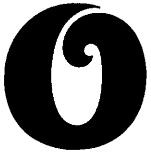
135


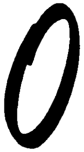
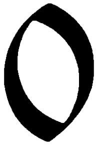
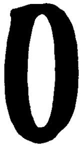
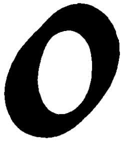
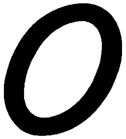
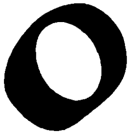
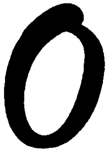
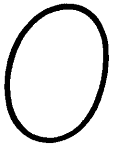
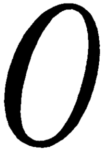
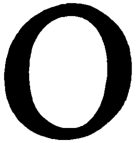
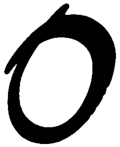
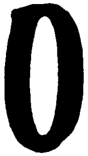
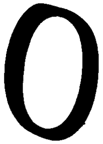
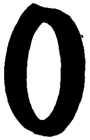
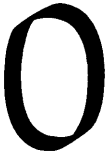
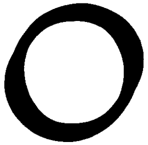
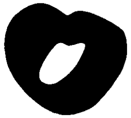
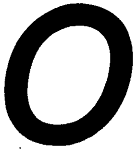
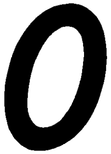
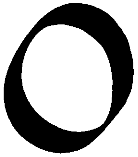
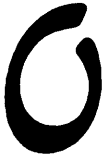
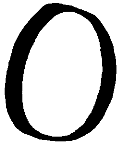
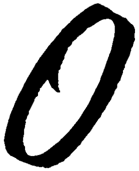
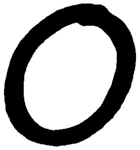
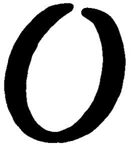
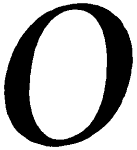
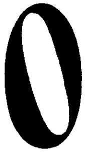
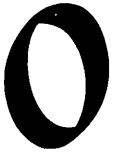
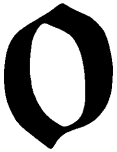
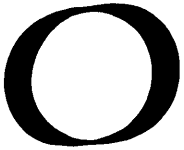
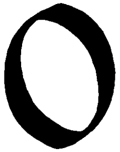
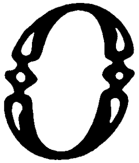
136


137
*

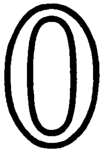
138


139


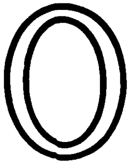
140


141 	142 	143 	144 	145 	146 	147 
148 	149 	150 	151 	152 	153 	154 
155 	156 	157 	158 	159 	160 	161 
162 	163 	164 	165 	166 *	167 	168 
169 	170 	171 	172 	173 *	174 	175 *

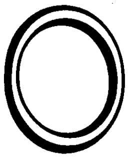
176



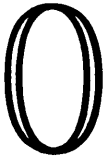
177



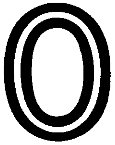
178



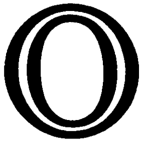
179



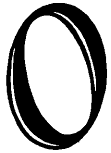
180



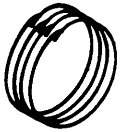
181



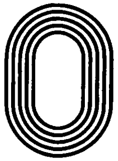
182



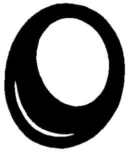
183



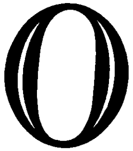
184



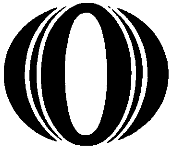
185



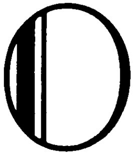
186



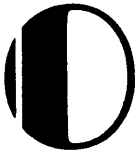
187



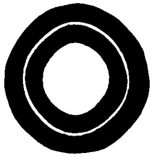
188



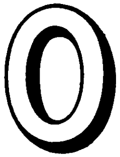
189



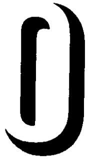
190



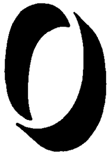
191



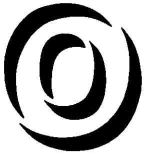
192



193



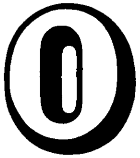
194



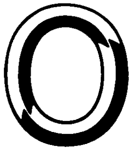
195

*

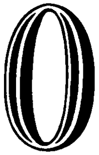
196



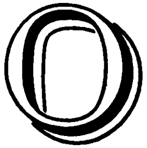
197



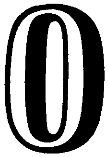
198



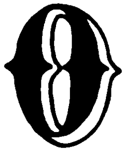
199



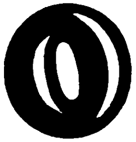
200



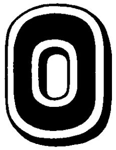
201



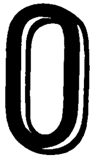
202



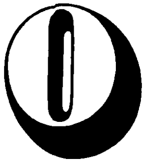
203



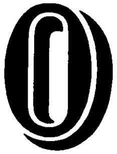
204



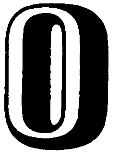
205



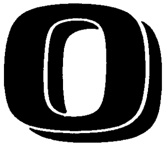
206



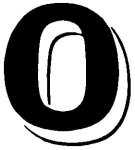
207



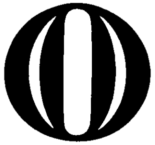
208

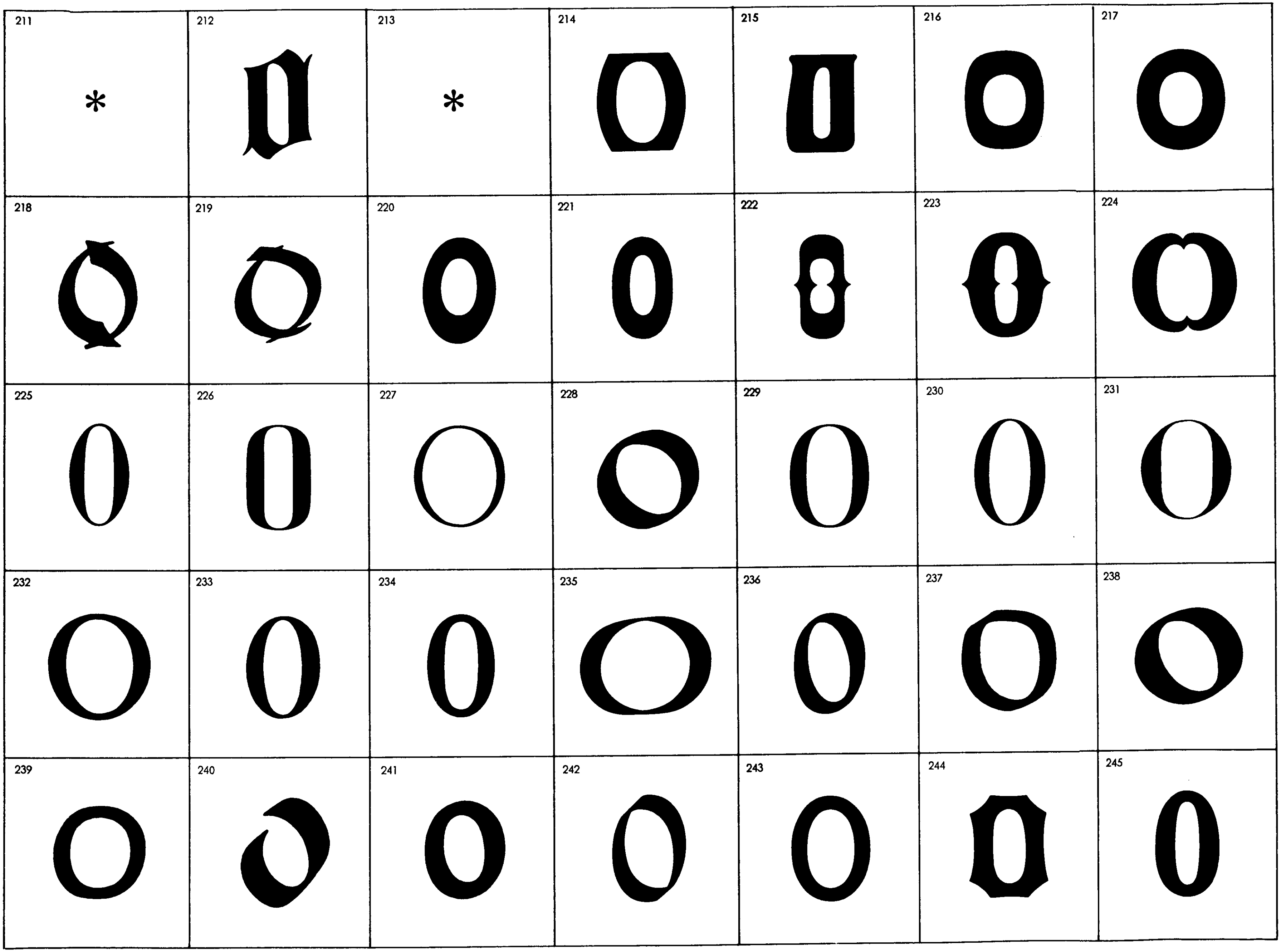


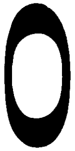
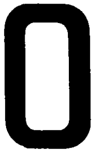
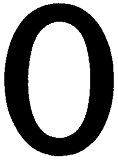
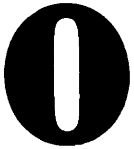
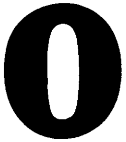
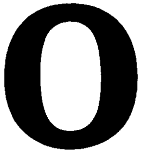
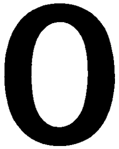
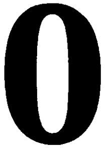
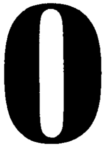
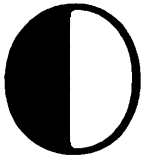
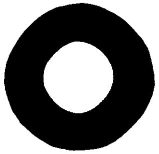
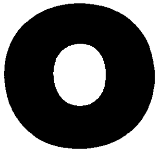
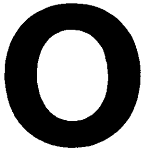
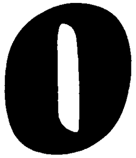
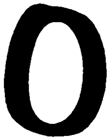
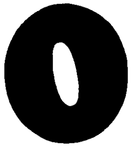
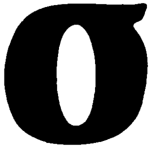
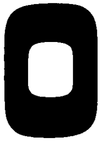
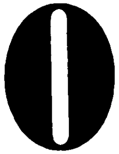
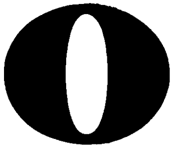
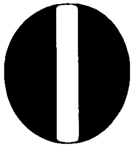
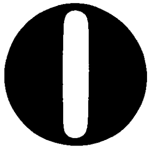
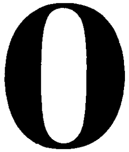
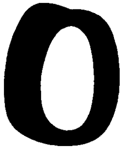
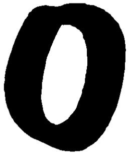
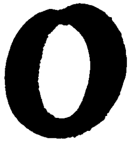
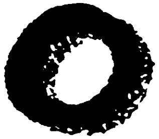
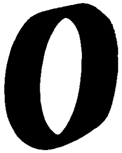
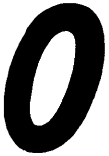
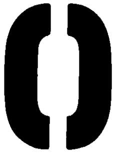
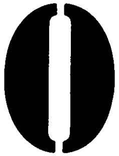
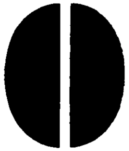
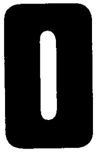
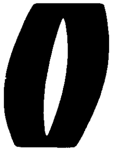
209

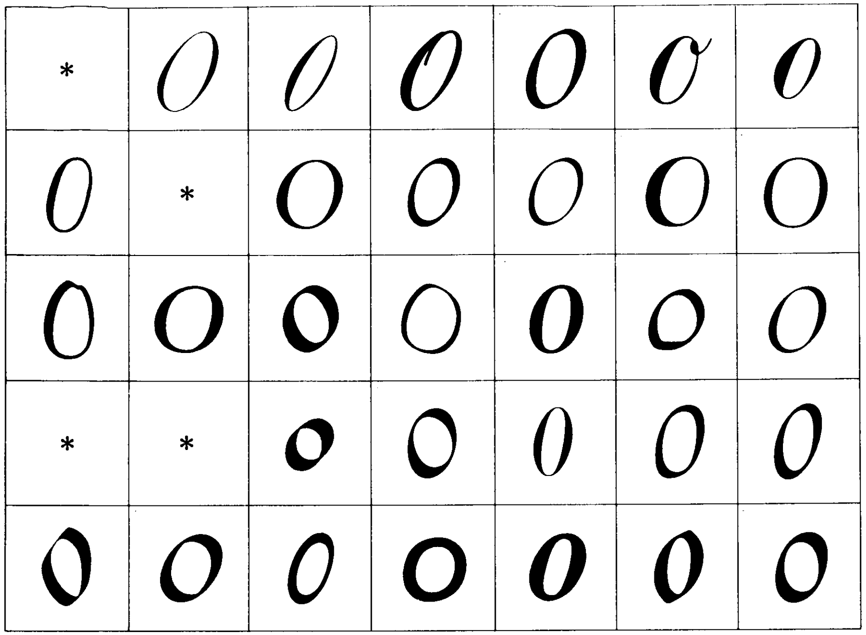


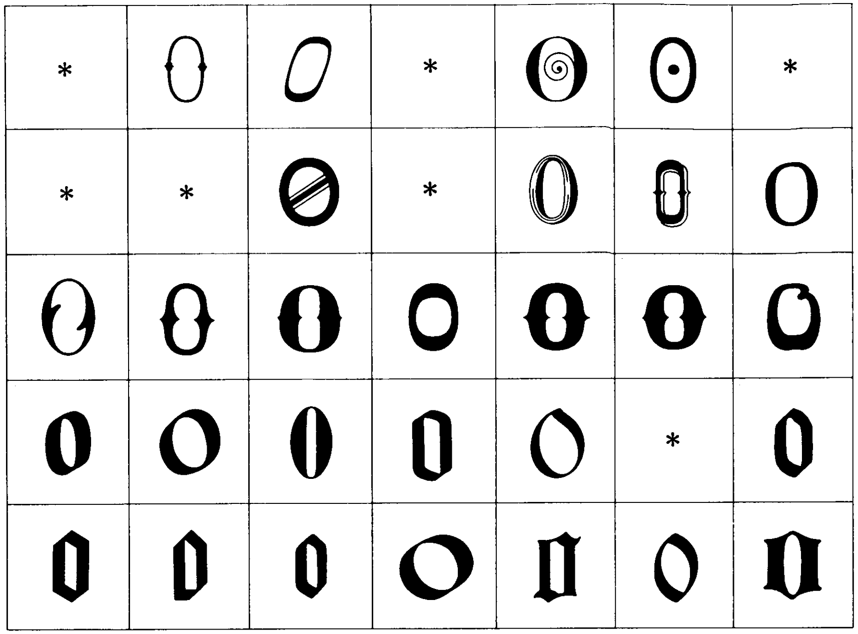
210

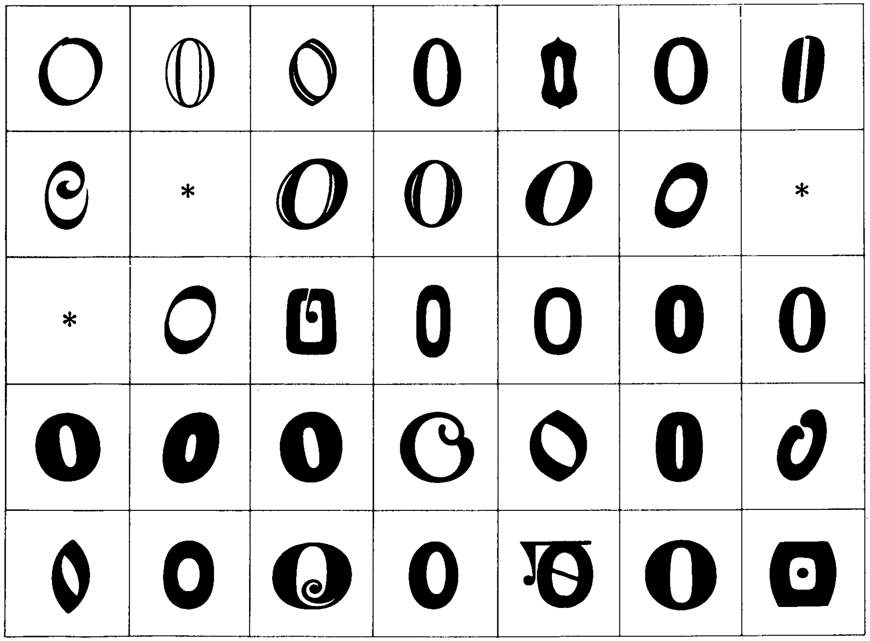


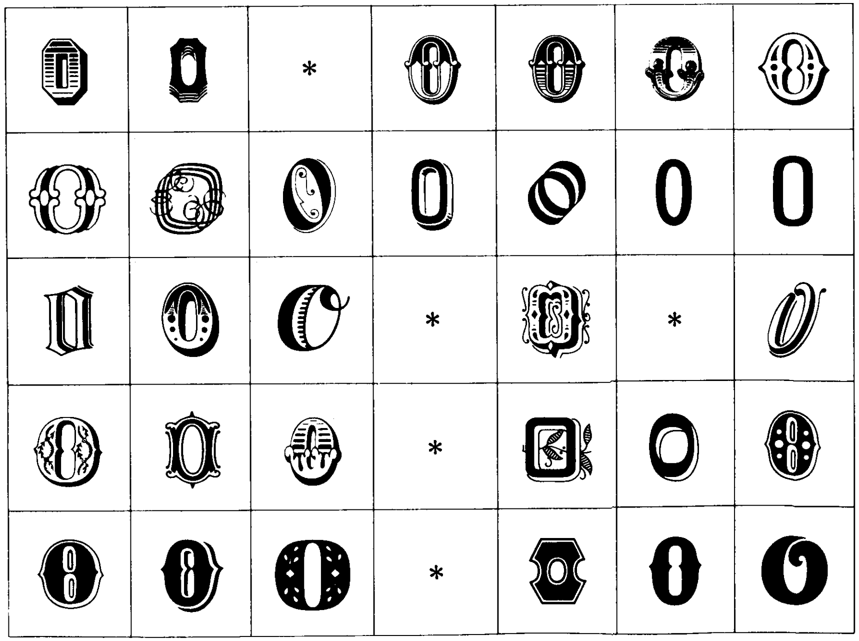

211
*
212
213
*
214
215
216
217
218
219
220
221
222
223
224
225
226
227
228
229
230
231
232
233
234
235
236
237
238
239
240
241
242
243
244
245

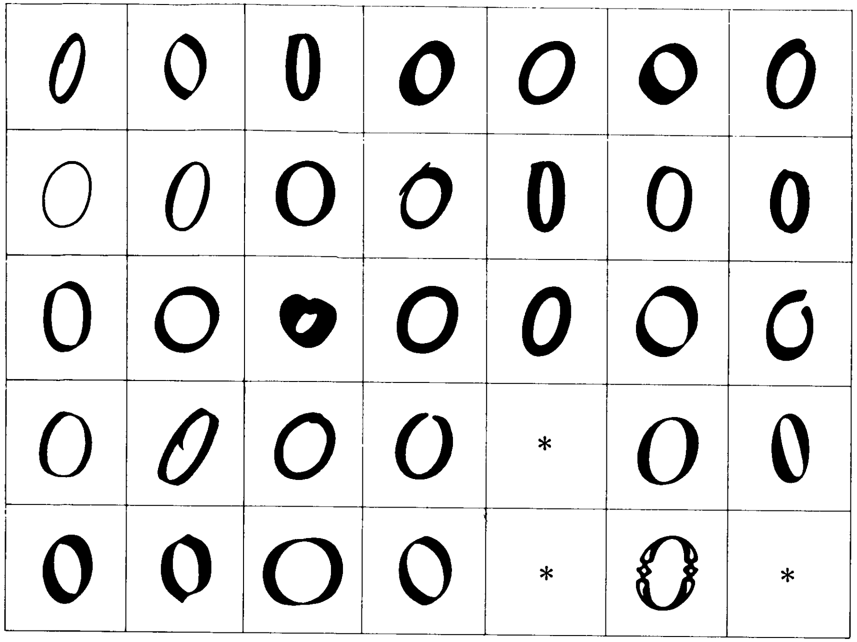
246 	247 	248 	249 	250 	251 	252 
253 	254 	255 	256 	257 	258 	259 
260 	261 	262 	263 	264 	265 	266 
267 	268 	269 	270 	271 	272 	273 *
274 	275 	276 	277 	278 	279 	280 


396

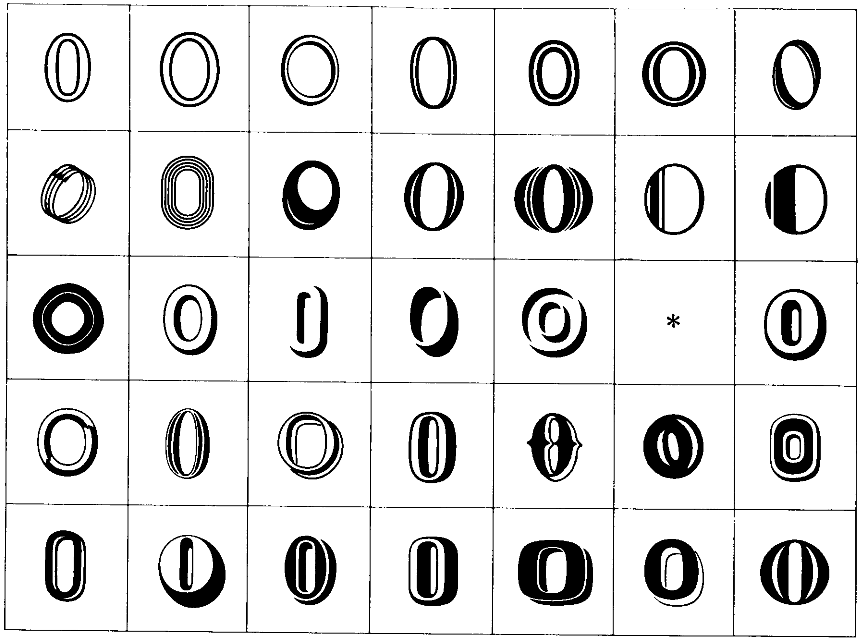

397


398

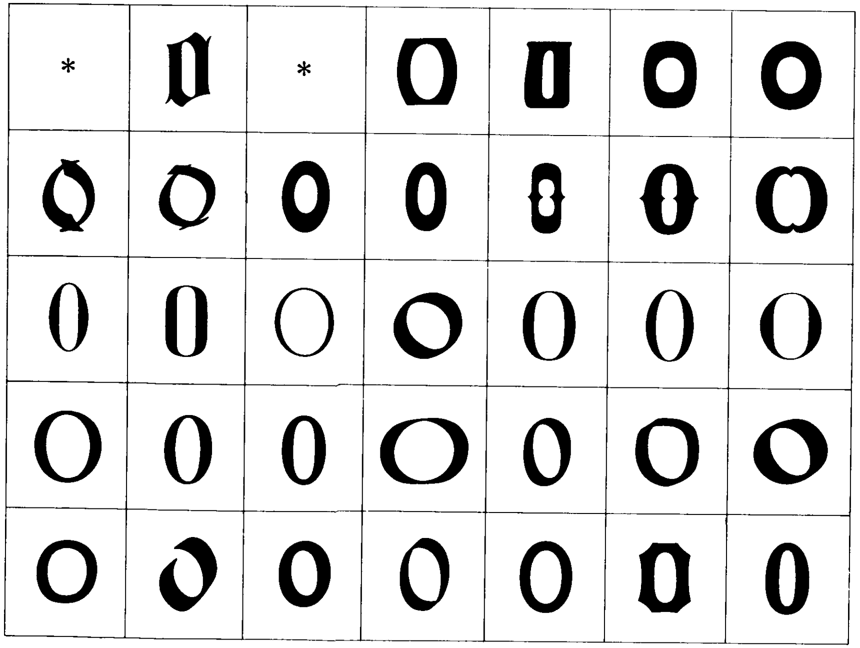

399



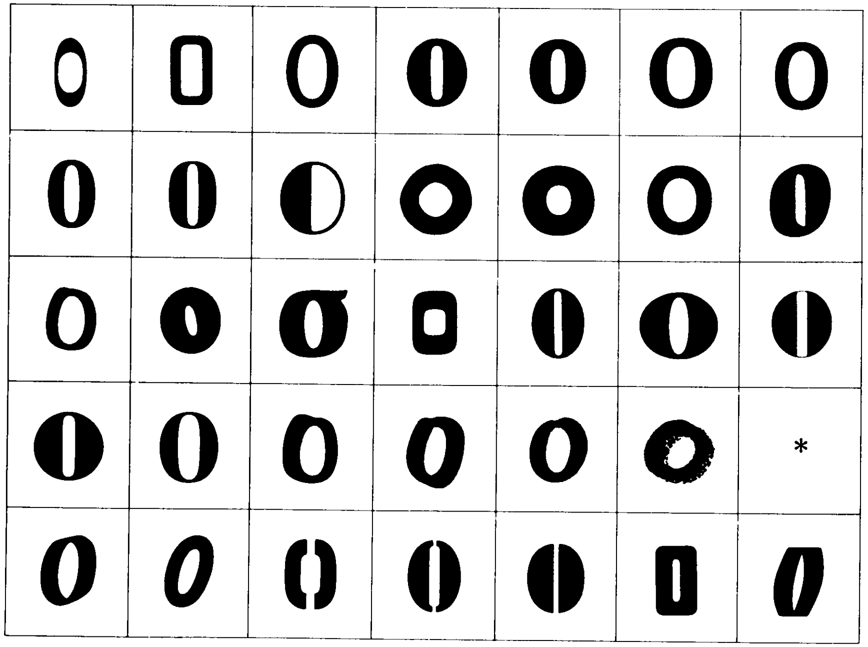
400



401



402



403

GRID INDEX

1 **BALLE INITIALS** Bauer Alphabets Inc.	2 **BENGUIAT, ED. CONGRESSIONAL SCRIPT 5376n** Photo-Lettering Inc.	3 **BONAGURA, TONY SPENCERIAN 2201n** Photo-Lettering Inc.	4 **THOMPSON, TOMMY PENNSCRIPT 0779n** Photo-Lettering Inc.	5 **STATIONERS SEMI-SCRIPT** American Type Founders Inc.	6 **VIRTUOSO BOLD** Bauer Alphabets Inc.	7 **COMMERCIAL SCRIPT** American Type Founders Inc.
8 **STRADIVARIUS** Bauer Alphabets Inc.	9 **BERNHARD TANGO INITIALS** American Type Founders Inc.	10 **LIBERTY** American Type Founders Inc.	11 **GAVOTTE** Bauer Alphabets Inc.	12 **TRAFTON SCRIPT** Bauer Alphabets Inc.	13 **BERNHARD CURSIVE BOLD** Bauer Alphabets Inc.	14 **BERNHARD TANGO** American Type Founders Inc.
15 **MURRAY-HILL BOLD** American Type Founders Inc.	16 **RALEIGH CURSIVE** American Type Founders Inc.	17 **CIVILITE** American Type Founders Inc.	18 **GELBERG, DAN INFORMAL UPRIGHT 2070 2n** Photo-Lettering Inc.	19 **CORONET BOLD** Monotype Corp. Ltd.	20 **PARK AVENUE** American Type Founders Inc.	21 **RICHELIEU CURSIVE 3781n** Photo-Lettering Inc.
22 **RHAPSODIE SWASH** Ludwig and Mayer	23 **MILLSTEIN, WM. MARLBORO 1948n** Photo-Lettering Inc.	24 **ROSA, GUIDO CALLIGRAPHIC ITALIC 2492n** Photo-Lettering Inc.	25 **LEGEND** Bauer Alphabets Inc.	26 **CASLON ITALIC 540 SWASH 3729n** Photo-Lettering Inc.	27 **PALATINO ITALIC** Bauer Alphabets Inc.	28 **HOLLAND, HOLLIS BELEZA 0887e** Photo-Lettering Inc.
29 **SHAAR, EDWIN DIANE 0691n** Photo-Lettering Inc.	30 **LYDIAN CURSIVE** American Type Founders Inc.	31 **GRAYDA** American Type Founders Inc.	32 **EL GRECO** Bauer Alphabets Inc.	33 **STYLESCRIPT** Monotype Corp. Ltd.	34 **DERBY** Bauer Alphabets Inc.	35 **RONDO BOLD** Bauer Alphabets Inc.

Above style names correspond by grid number and location to each specimen.

GRID INDEX

36 VOGUE INITIALS 4002n Photo-Lettering Inc.	37 GOVERNALE, SANDI WROUGHT IRON A 5349e Photo-Lettering Inc.	38 DU BARRY XENOTYPE 3818e Photo-Lettering Inc.	39 GOUDY ORNATE 1137 2n Photo-Lettering Inc.	40 BASKERVILLE SWIRL 4757n Photo-Lettering Inc.	41 KISMET XENOTYPE 3545n Photo-Lettering Inc.	42 CURFEW INITIALS 0387 3n Photo-Lettering Inc.
43 LOUIS XIV XENOTYPE 3805e Photo-Lettering Inc.	44 NYMPHIC XENOTYPE 3799 4n Photo-Lettering Inc.	45 FLIRT XENOTYPE 3546n Photo-Lettering Inc.	46 NYMPHIC XENOTYPE 3799 2n Photo-Lettering Inc.	47 FLORADORA 0496 2n Photo-Lettering Inc.	48 CAVANAUGH, F.H.K. EIGHTEEN NINETY 0509 3n Photo-Lettering Inc.	49 CLOCK XENOTYPE 3842n Photo-Lettering Inc.
50 CICERO Los Angeles Type Founders Inc.	51 BELLE XENOTYPE 3840e Photo-Lettering Inc.	52 HENRION, F.H.K. FLOWER E 3749 2n Photo-Lettering Inc.	53 EIGHTEEN EIGHTY 3829n Photo-Lettering Inc.	54 BAROQUE ORNAMENTAL 4438n Photo-Lettering Inc.	55 DAVISON, DAVE BAROQUE 5406 1n Photo-Lettering Inc.	56 BUCKLIN XENOTYPE A 3478n Photo-Lettering Inc.
57 WYCLIFFE 3086n Photo-Lettering Inc.	58 EMERSON CALLIGRAPHIC HEAVY 3087n Photo-Lettering Inc.	59 HANOVER BOLD 4258 2c Photo-Lettering Inc.	60 PISCITELLE, GEO. STRATFORD 1525 2n Photo-Lettering Inc.	61 COPELAND, L.H. BACCALAUREATE 1509c Photo-Lettering Inc.	62 MEDALLION 0452 3n Photo-Lettering Inc.	63 WALLENBERG, R. DOCUMENTARY 2357 3c Photo-Lettering Inc.
64 SEIDELBURG HEAVY 1977c Photo-Lettering Inc.	65 AMERICAN TEXT American Type Founders Inc.	66 GOUDY TEXT Monotype Corp. Ltd.	67 ALCOCK, DAISY ROMAN 2345n Photo-Lettering Inc.	68 ENGRAVERS OLD ENGLISH American Type Founders Inc.	69 CLOISTER BLACK American Type Founders Inc.	70 KERR, MAX CHRISTMAS 4243c Photo-Lettering Inc.

GRID INDEX

71 **THOMPSON QUILLSCRIPT** American Type Founders inc.	72 **CASLON SHADED** American Type Founders inc.	73 **ERBAR** Bauer Alphabets Inc.	74 **WELLS FARGO 1470 2n** Photo-Lettering Inc.	75 **CLOWN KING XENOTYPE 4364n** Photo-Lettering Inc.	76 **OLYMPIAN XENOTYPE 3447c** Photo-Lettering Inc.	77 **ALLEGRO** Bauer Alphabets Inc.
78 **HATRACK XENOTYPE 4423e** Photo-Lettering Inc.	79 **PHOTO BOOKMAN SWASHES 3922 2c** Photo-Lettering Inc.	80 **CLOISTER CURSIVE HANDTOOLED** American Type Founders inc.	81 **ROYAL** Bauer Alphabets Inc.	82 **GLORIA** Bauer Alphabets Inc.	83 **KALLIGRAPHIA XENOTYPE 3477n** Photo-Lettering Inc.	84 **STAUDEL XENOTYPE B 3497e** Photo-Lettering Inc.
85 **KOSTER** Mackellar, Smith & Jordan	86 **CRAYONET XENOTYPE 3953n** Photo-Lettering Inc.	87 **DAVIDA BOLD 4754n** Photo-Lettering Inc.	88 **RECLAME XENOTYPE 3788e** Photo-Lettering Inc.	89 **GLORIA GURSCH XENOTYPE 3803n** Photo-Lettering Inc.	90 **THALIA XENOTYPE 0528e** Photo-Lettering Inc.	91 **BOOKMAN SWASH HEAVY 4448n** Photo-Lettering Inc.
92 **GOUDY HEAVYFACE SWASH 4489n** Photo-Lettering Inc.	93 **WEST, DAVE BEHEMOTH CLARENDON ITALIC SWASH 5546c** Photo-Lettering Inc.	94 **COOPER CONTEMPO SWASH 4481c** Photo-Lettering Inc.	95 **MUSEE XENOTYPE 4403n** Photo-Lettering Inc.	96 **BALTIMORE XENOTYPE 3808n** Photo-Lettering Inc.	97 **PACELLA, VINCE LATINA SWASH 5538c** Photo-Lettering Inc.	98 **WEST, DAVE COOPER NOUVEAU SWASH 5558n** Photo-Lettering Inc.
99 **BRADLEY** Monotype Corp. Ltd.	100 **NEPTUN XENOTYPE 3471n** Photo-Lettering Inc.	101 **MESSICK, M.A. EXOTIC BOLD 5437n** Photo-Lettering Inc.	102 **CARUSO, VIC ROXY 5017n** Photo-Lettering Inc.	103 **TELEPHONE XENOTYPE 4351n** Photo-Lettering Inc.	104 **PRETORIAN XENOTYPE 3466n** Photo-Lettering Inc.	105 **HOGARTH 4359 4n** Photo-Lettering Inc.

GRID INDEX

106 **JIM CROW 1108 3n** Photo-Lettering Inc.	107 **GRANDMOTHER ORNAMENTAL 4405n** Photo-Lettering Inc.	108 **ANGELFACE 4257 2n** Photo-Lettering Inc.	109 **DAVISON, DAVE CAROUSEL E 1533e** Photo-Lettering Inc.	110 **DAVISON, DAVE CAROUSEL G 1535e** Photo-Lettering Inc.	111 **BRACELET 4806n** Photo-Lettering Inc.	112 **TROCADERO** Los Angeles Type Founders Inc.
113 **FONTANESI** Bauer Alphabets Inc.	114 **RAFFIA INITIALS** Bauer Alphabets Inc.	115 **PHYDIAN XENOTYPE 3835e** Photo-Lettering Inc.	116 **BURLESQUE 4181 4e** Photo-Lettering Inc.	117 **ALCOCK, DAISY INLINE 2257c** Photo-Lettering Inc.	118 **CAMPANILE XENOTYPE 3734e** Photo-Lettering Inc.	119 **RENAISSANCE BOLD 3746e** Photo-Lettering Inc.
120 **WESTMINISTER SHADED 0345n** Photo-Lettering Inc.	121 **ROMANTIQUE NO. 2** Los Angeles Type Founders Inc.	122 **LILITH** Bauer Alphabets Inc.	123 **CLOISTER INITIALS** American Type Founders inc.	124 **TANGIER 4847n** Photo-Lettering Inc.	125 **DUTCH INITIALS** American Type Founders Inc.	126 **OLD LACE XENOTYPE 0388e** Photo-Lettering Inc.
127 **HENRION, F.H.K. FLOWER A 3760 3n** Photo-Lettering Inc.	128 **ST. CLAIRE 4841e** Photo-Lettering Inc.	129 **CAVANAUGH, J.A. CHANDELIER 0521c** Photo-Lettering Inc.	130 **OMBRE INITIALS** Deberny et Peignot, Foundries	131 **ARBORET 4799n** Photo-Lettering Inc.	132 **EIGHTEEN NINETY 3828n** Photo-Lettering Inc.	133 **PUNCH & JUDY 3687n** Photo-Lettering Inc.
134 **PHILADELPHIAN 0488n** Photo-Lettering Inc.	135 **DAVISON, DAVE CAROUSEL C 1537e** Photo-Lettering Inc.	136 **SAPHIRE** Bauer Alphabets Inc.	137 **CAVANAUGH, F.H.K. DAHLIA 2394 1n** Photo-Lettering Inc.	138 **MANSARD XENOTYPE 3794c** Photo-Lettering Inc.	139 **DAVISON, DAVE CAROUSEL B 1530e** Photo-Lettering Inc.	140 **WEST, DAVE ROMA 5982n** Photo-Lettering Inc.

GRID INDEX

141 **REPRO SCRIPT** American Type Founders Inc.	142 **FREEHAND** American Type Founders Inc.	143 **BRUSH** American Type Founders Inc.	144 **PALETTE** Bauer Alphabets Inc.	145 **CIRCLE 1223 2n** Photo-Lettering Inc.	146 **FOX** Bauer Alphabets Inc.	147 **CHARME BOLD** Bauer Alphabets Inc.
148 **STEINWEISS, ALEX SCRAWL MEDIUM 2335n** Photo-Lettering Inc.	149 **AMAZONE** Bauer Alphabets Inc.	150 **CARTOON LIGHT** Bauer Alphabets Inc.	151 **SLOGAN** Bauer Alphabets Inc.	152 **BRODY** American Type Founders Inc.	153 **MEGEE, GARNET MIAMI 2380c** Photo-Lettering Inc.	154 **DOM CASUAL** American Type Founders Inc.
155 **STUDIO BOLD** Bauer Alphabets Inc.	156 **FONTANA SCRIPT MEDIUM 9057n** Photo-Lettering Inc.	157 **MAXIME** Bauer Alphabets Inc.	158 **GILLIES GOTHIC BOLD** Bauer Alphabets Inc.	159 **KAUFMAN BOLD** American Type Founders Inc.	160 **CYPRESS, A.C. SYLVAN 2907n** Photo-Lettering Inc.	161 **KEYNOTE** American Type Founders Inc.
162 **CYPRESS, A.C. CARILLON 2833e** Photo-Lettering Inc.	163 **GELBERG, DAN SEQUIN 3053n** Photo-Lettering Inc.	164 **SOROKA, AL FLAIR MEDIUM 0181n** Photo-Lettering Inc.	165 **CAPRICE 0375n** Photo-Lettering Inc.	166 **CHRISTMAS SCRIPT HEAVY 0518 1n** Photo-Lettering Inc.	167 **MAYFAIR CURSIVE** Ludlow Typograph Co.	168 **TYPO UPRIGHT BOLD** American Type Founders Inc.
169 **EDRIDGE, D.A. MODERN UNCIAL 2373n** Photo-Lettering Inc.	170 **RHAPSODIE** Ludwig and Mayer	171 **AMERICAN UNCIAL** Bauer Alphabets Inc.	172 **LIBRA** Bauer Alphabets Inc.	173 **SYLVAN** Stephenson, Blake and Co. Ltd.	174 **FOURNIER** Monotype Corp. Ltd.	175 **FRY'S ORNAMENTED** Stephenson, Blake and Co. Ltd.

GRID INDEX

176 **CHELTENHAM BOLD OUTLINE** Baltimore Type and Composition Co.	177 **COLUMNA** Bauer Alphabets Inc.	178 **AUGUSTEA SHADED** Bauer Alphabets Inc.	179 **DELPHIAN** Bauer Alphabets Inc.	180 **FUTURA INLINE** Bauer Alphabets Inc.	181 **CHELTENHAM INLINE EXTENDED** American Type Founders Inc.	182 **GOUDY HANDTOOLED** American Type Founders Inc.
183 **JOHN ALLEN STRING 2851n** Photo-Lettering Inc.	184 **PRISMA** Baltimore Type and Composition Co.	185 **ATRAX 0497 4c** Photo-Lettering Inc.	186 **ADASTRA** Bauer Alphabets Inc.	187 **HOMEWOOD** Baltimore Type and Composition Co.	188 **GALLIA** Monotype Corp. Ltd.	189 **BROADWAY ENGRAVED** Monotype Corp. Ltd.
190 **NEULAND INLINE** American Type Founders Inc.	191 **ORPLID** Bauer Alphabets Inc.	192 **SHADOW** American Type Founders Inc.	193 **UMBRA** Detroit Type Foundry	194 **BAS RELIEF B 4880 1n** Photo-Lettering Inc.	195 **HENRION, F.H.K. RELIEF 2997 2n** Photo-Lettering Inc.	196 **STYMIE OPEN** Baltimore Type and Composition Co.
197 **TALBOT, R. BEVEL GOTHIC 2975 3n** Photo-Lettering Inc.	198 **CHISEL** Stephenson, Blake and Co. Ltd.	199 **SHADOWLINE 4254 1n** Photo-Lettering Inc.	200 **TRUMP GRAVURE** C. E. Weber	201 **BOSTONIAN 1715 2e** Photo-Lettering Inc.	202 **COOPER HILITE** American Type Founders Inc.	203 **FRENCH ANTIQUE INLINE 4245 3n** Photo-Lettering Inc.
204 **RENAISSANCE DROPSHADOW XENOTYPE 1488e** Photo-Lettering Inc.	205 **THORNE SHADED** Stephenson, Blake and Co. Ltd.	206 **DAVISON, DAVE VARIETY E 1546e** Photo-Lettering Inc.	207 **FORUM 2** Bauer Alphabets Inc.	208 **BENGUIAT, ED. EPHRAM DROPSHADOW 5216e** Photo-Lettering Inc.	209 **GOLDRUSH 4154 3c** Photo-Lettering Inc.	210 **SPHINX INLINE** Deberny et Peignot, Foundries

GRID INDEX

211 **STAUDEL XENOTYPE D 3489e** Photo-Lettering Inc.	212 **WINDSOR 1151c** Photo-Lettering Inc.	213 **MISSAL INITIALS** American Type Founders Inc.	214 **STAUDEL XENOTYPE P 3482n** Photo-Lettering Inc.	215 **STAUDEL XENOTYPE J 3481n** Photo-Lettering Inc.	216 **BENGUIAT, ED. BRAVADO 5450 2n** Photo-Lettering Inc.	217 **BENGUIAT, ED. DISCOTHEQUE 5470n** Photo-Lettering Inc.
218 **MANDARIN** Los Angeles Type Founders Inc.	219 **SHANGHAI 2700 2n** Photo-Lettering Inc.	220 **STAUDEL XENOTYPE 4465e** Photo-Lettering Inc.	221 **HOBO** American Type Founders Inc.	222 **NEW ORLEANS 2657 3e** Photo-Lettering Inc.	223 **CLARENDON ORNAMENTAL A 3811e** Photo-Lettering Inc.	224 **EDWARDIAN ORNAMENTAL BOLD WIDE 3681c** Photo-Lettering Inc.
225 **BODONI** American Type Founders Inc.	226 **CORVINUS MEDIUM** Bauer Alphabets Inc.	227 **WEISS INITIALS SERIES 1** Bauer Alphabets Inc.	228 **EVE HEAVY** Stempel	229 **BERNHARD MODERN BOLD** American Type Founders Inc.	230 **CASLON 540** American Type Founders Inc.	231 **ENGRAVERS ROMAN** Monotype Corp. Ltd.
232 **WEISS INITIALS SERIES 3** Bauer Alphabets Inc.	233 **GARAMOND** American Type Founders Inc.	234 **CHELTENHAM MEDIUM** Monotype Corp. Ltd.	235 **AMERICAN UNCIAL 3778n** Photo-Lettering Inc.	236 **EDRIDGE, D.A. CALLIGRAPHIC ROMAN 1653n** Photo-Lettering Inc.	237 **SOLEMNIS** Bauer Alphabets Inc.	238 **JUBILEE 1234n** Photo-Lettering Inc.
239 **CODEX** C. E. Weber	240 **ONDINE** Deberny et Peignot, Foundries	241 **CANDIDA 3317c** Photo-Lettering Inc.	242 **LYDIAN** American Type Founders Inc.	243 **ALBERTUS** Mouldtype Foundries, Ltd.	244 **GRANDMOTHER 2875 3n** Photo-Lettering Inc.	245 **LATIN BOLD CONDENSED** Stephenson, Blake and Co. Ltd.

GRID INDEX

246 **P.T. BARNUM** American Type Founders Inc.	247 **CITY MEDIUM** Bauer Alphabets Inc.	248 **STYMIE MEDIUM** American Type Founders Inc.	249 **BOLD ANTIQUE** American Type Founders Inc.	250 **GRAY, WM.** **BULBA** **5146 3c** Photo-Lettering Inc.	251 **CRAW CLARENDON** American Type Founders Inc.	252 **FOLIO MEDIUM EXTENDED** Bauer Alphabets Inc.
253 **OPTIMA SEMI-BOLD** Bauer Alphabets Inc.	254 **RADIANT HEAVY** Baltimore Type and Composition Co.	255 **BROADWAY** Monotype Corp. Ltd.	256 **NEULAND** Bauer Alphabets Inc.	257 **REPUBLIC** **0128n** Photo-Lettering Inc.	258 **COPPERPLATE GOTHIC BOLD** Monotype Corp. Ltd.	259 **SAMSON** Ludlow Typograph Co.
260 **TAMBOURINE HEAVY** **4268n** Photo-Lettering Inc.	261 **COOPER BLACK** Monotype Corp. Ltd.	262 **KOMPAKT** Bauer Alphabets Inc.	263 **BENGUIAT, ED.** **ZENEDIPITY** **5314 3c** Photo-Lettering Inc.	264 **DOMINO** Ludwig and Mayer	265 **METROPOLIS BOLD** Bauer Alphabets Inc.	266 **ULTRA BODONI** Monotype Corp. Ltd.
267 **SPHINX** Deberny et Peignot, Foundries	268 **MESSICK, M.A.** **ASTRONAUT** **5128n** Photo-Lettering Inc.	269 **JAVELIN** **2561 2n** Photo-Lettering Inc.	270 **CROOTOF, HAROLD** **MARK** **1987e** Photo-Lettering Inc.	271 **CRENSHAW, HENRY** **TAMBOURINE BOLD** **1784n** Photo-Lettering Inc.	272 **GELBERG, DAN** **FLURRY** **1942n** Photo-Lettering Inc.	273 **PETE DOM** **DARKY** **0861 2n** Photo-Lettering Inc.
274 **DYNAMIC** Deberny et Peignot, Foundries	275 **ALIGNER** **9098n** Photo-Lettering Inc.	276 **WESTVACO STENCIL** **4308 2c** Photo-Lettering Inc.	277 **STENCIL** American Type Founders Inc.	278 **FUTURA BLACK** Bauer Alphabets Inc.	279 **FUTURA DISPLAY** Bauer Alphabets Inc.	280 **BANCO** Bauer Alphabets Inc.

ALPHABETICAL INDEX

A

Adastra **186**
Albertus **243**
Alcock Inline (2257c)* **117**
Alcock Roman (2345n)* **67**
Aligner (9098n)* **275**
Allegro **77**
Amazone **149**
American Text **65**
American Uncial **171**
American Uncial (3778n)* **235**
Angelface (4257 2n)* **108**
Arboret (4799n)* **131**
Atrax (0497 4c)* **185**
Augustea Shaded **178**

B

Balle Initials **1**
Baltimore Xenotype (3808n)* **96**
Banco **280**
Baroque Ornamental (4438n)* **54**
Baskerville Swirl (4757n)* **40**
Bas Relief B (4880 1n)* **194**
Belle Xenotype (3840e)* **51**
Bernhard Cursive Bold **13**
Benguiat Bravado (5450 2n)* **216**
Benguiat Congressional Script (5376n)* **2**
Benguiat Discotheque (5470n)* **217**
Benguiat Ephram Dropshadow (5216e)* **208**
Benguiat Zenedipity (5314 3c)* **263**
Bernhard Modern Bold **229**
Bernhard Tango **14**
Bernhard Tango Initials **9**
Bodoni **225**
Bold Antique **249**
Bonagura Spencerian (2201n)* **3**
Bookman Swash Heavy (4448n)* **91**
Bostonian (1715 2e)* **201**
Bracelet (4806n)* **111**
Bradley **99**
Broadway **255**
Broadway Engraved **189**
Brody **152**
Brush **143**
Bucklin Xenotype A (3478n)* **56**
Burlesque (4181 4e)* **116**

C

Caslon Shaded **72**
Campanile Xenotype (3734e)* **118**
Candida (3317c)* **241**
Caprice (0375n)* **165**
Cartoon Light **150**
Caruso Roxy (5017n)* **102**
Caslon 540 **230**
Caslon Italic 540 Swash (3729n)* **26**
Cavanaugh Chandelier (0521c)* **129**
Cavanaugh Dahlia (2394 1n)* **137**
Cavanaugh Eighteen Ninety (0509 3n)* **48**
Charme Bold **147**
Cheltenham Bold Outline **176**
Cheltenham Inline Extended **181**
Cheltenham Medium **234**
Chisel **198**
Christmas Script Heavy (0518 1n)* **166**
Cicero **50**
Circle (1223 2n)* **145**
City Medium **247**
Civilite **17**
Clarendon Ornamental A (3811e)* **223**
Clock Xenotype (3842n)* **49**
Cloister Black **69**
Cloister Cursive Handtooled **80**
Cloister Initials **123**
Clown King Xenotype (4364n)* **75**
Codex **239**
Columna **177**
Cooper Black **261**
Cooper Contempo Swash (4481c)* **94**
Cooper Hilite **202**
Commercial Script **7**
Copeland Baccalaureate (1509c)* **61**
Copperplate Gothic Bold **258**
Coronet Bold **19**
Corvinus Medium **226**
Craw Clarendon **251**
Crayonet Xenotype (3953n)* **86**
Crenshaw Tambourine Bold (1784n)* **271**
Crootof Mark (1987e)* **270**
Curfew Initials (0387 3n)* **42**
Cypress Carillon (2833e)* **162**
Cypress Sylvan (2907n)* **160**

D

Davida Bold (4754n)* **87**
Davison Baroque (5406 1n)* **55**
Davison Carousel B (1530e)* **139**
Davison Carousel C (1537e)* **135**
Davison Carousel E (1533e)* **109**
Davison Carousel G (1535e)* **110**
Davison Variety E (1546e)* **206**
Delphian **179**
Derby **34**
Dom Casual **154**
Domino **264**
Du Barry Xenotype (3818e)* **38**
Dutch Initials **125**
Dynamic **274**

E

Edridge Calligraphic Roman (1653n)* **236**
Edridge Modern Uncial (2373n)* **169**
Edwardian Ornamental Bold Wide (3681c)* **224**
Eighteen Eighty (3829n)* **53**
Eighteen Ninety (3828n)* **132**
El Greco **32**
Emerson Calligraphic Heavy (3087n)* **58**
Engravers Old English **68**
Engravers Roman **231**
Erbar **73**
Eve Heavy **228**

F

Flirt Xenotype (3546n)* **45**
Floradora (0496 2n)* **47**
Folio Medium Extended **252**
Fontana Script Medium (9057n)* **156**
Fontanesi **113**
Forum 2 **207**
Fournier **174**
Fox **146**
Freehand **142**
French Antique Inline (4245 3n)* **203**
Fry's Ornamented **175**
Futura Black **278**
Futura Display **279**
Futura Inline **180**

G

Gallia **188**
Garamond **233**
Gavotte **11**
Gelberg Flurry (1942n)* **272**
Gelberg Informal Upright (2070 2n)* **18**
Gelberg Sequin (3053n)* **163**
Gillies Gothic Bold **158**
Gloria **82**
Gloria Gursch Xenotype (3803n)* **89**
Goldrush (4154 3c)* **209**
Goudy Ornate (1137 2n)* **39**
Goudy Handtooled **182**
Goudy Heavyface Swash (4489n)* **92**
Goudy Text **66**

Bold face type refers to grid box number.

**Photo-Lettering Inc.,*
216 East 45 Street, New York, N.Y.

ALPHABETICAL INDEX

Governale Wrought Iron A (5349e)* **37**
Grandmother (2875 3n)* **244**
Grandmother Ornamental (4405n)* **107**
Gray Bulba (5146 3c)* **250**
Grayda **31**

H
Hanover Bold (4258 2c)* **59**
Hatrack Xenotype (4423e)* **78**
Henrion Flower A (3760 3n)* **127**
Henrion Flower E (3749 2n)* **52**
Henrion Relief (2997 2n)* **195**
Hobo **221**
Hogarth (4359 4n)* **105**
Holland Beleza (0887e)* **28**
Homewood **187**

J
Javelin (2561 2n)* **269**
Jim Crow (1108 3n)* **106**
John Allen String (2851n)* **183**
Jubilee (1234n)* **238**

K
Kalligraphia Xenotype (3477n)* **83**
Kaufman Bold **159**
Kerr Christmas (4243c)* **70**
Keynote **161**
Kismet Xenotype (3545n)* **41**
Kompakt **262**
Koster **85**

L
Latin Bold Condensed **245**
Legend **25**
Liberty **10**
Libra **172**
Lilith **122**
Louis XIV Xenotype (3805e)* **43**
Lydian **242**
Lydian Cursive **30**

M
Mandarin **218**
Mansard Xenotype (3794c)* **138**
Maxime **157**
Mayfair Cursive **167**
Medallion (0452 3n)* **62**
Megee Miami (2380c)* **153**
Messick Astronaut (5128n)* **268**
Messick Exotic Bold (5437n)* **101**
Metropolis Bold **265**
Millstein Marlboro (1948n)* **23**
Missal Initials **213**
Murray-Hill Bold **15**
Musee Xenotype (4403n)* **95**

N
Neptun Xenotype (3471n)* **100**
Neuland **256**
Neuland Inline **190**
New Orleans (2657 3e)* **222**
Nymphic Xenotype (3799 2n)* **46**
Nymphic Xenotype (3799 4n)* **44**

O
Old Lace Xenotype (0388e)* **126**
Olympian Xenotype (3447c)* **76**
Ombre Initials **130**
Ondine **240**
Optima Semi-Bold **253**
Orplid **191**

P
Pacella Latina Swash (5538c)* **97**
Palatino Italic **27**
Palette **144**
Park Avenue **20**
Pete Dom Darky (0861 2n)* **273**
Philadelphian (0488n)* **134**
Photo Bookman Swashes (3922 2c)* **79**
Phydian Xenotype (3835e)* **115**
Piscitelle Stratford (1525 2n)* **60**
Pretorian Xenotype (3466n)* **104**
Prisma **184**
P. T. Barnum **246**
Punch & Judy (3687n)* **133**

R
Radiant Heavy **254**
Raffia Initials **114**
Raleigh Cursive **16**
Reclame Xenotype (3788e)* **88**
Renaissance Bold (3746e)* **119**
Renaissance Dropshadow Xenotype (1488e)* **204**
Repro Script **141**
Republic (0128n)* **257**
Rhapsodie **170**
Rhapsodie Swash **22**
Richelieu Cursive (3781n)* **21**
Romantique No. 2 **121**
Rondo Bold **35**
Rosa Calligraphic Italic (2492n)* **24**
Royal **81**

S
St. Claire (4841e)* **128**
Samson **259**
Saphire **136**
Seidelburg Heavy (1977c)* **64**
Shaar Diana (0691n)* **29**
Shadow **192**
Shadowline (4254 1n)* **199**
Shanghai (2700 2n)* **219**
Slogan **151**
Solemnis **237**
Soroka Flair Medium (0181n)* **164**
Sphinx **267**
Sphinx Inline **210**
Stationers Semi-Script **5**
Staudel Xenotype (4465e)* **220**
Staudel Xenotype B (3497e)* **84**
Staudel Xenotype D (3489e)* **211**
Staudel Xenotype J (3481n)* **215**
Staudel Xenotype P (3482n)* **214**
Steinweiss Scrawl Medium (2335n)* **148**
Stencil **277**
Stradivarius **8**
Studio Bold **155**
Stylescript **33**
Stymie Medium **248**
Stymie Open **196**
Sylvan **173**

T
Talbot Bevel Gothic (2975 3n)* **197**
Tambourine Heavy (4268n)* **260**
Tangier (4847n)* **124**
Telephone Xenotype (4351n)* **103**
Thalia Xenotype (0528e)* **90**
Thompson Pennscript (0779n)* **4**
Thompson Quillscript **71**
Thorne Shaded **205**
Trafton Script **12**
Trocadero **112**
Trump Gravure **200**
Typo Upright Bold **168**

U
Ultra Bodoni **266**
Umbra **193**

V
Virtuoso Bold **6**
Vogue Initials (4002n)* **36**

W
Wallenberg Documentary (2357 3c)* **63**
Weiss Initials Series 1 **227**
Weiss Initials Series 3 **232**
Wells Fargo (1470 2n)* **74**
West Behemoth Clarendon Italic Swash (5546c)* **93**
West Cooper Nouveau Swash (5558n)* **98**
West Roma (5982n)* **140**
Westminister Shaded (0345n)* **120**
Westvaco Stencil (4308 2c)* **276**
Windsor (1151c)* **212**
Wycliffe (3086n)* **57**

Bold face type refers to grid box number.

**Photo-Lettering Inc.,*
216 East 45 Street, New York, N.Y.