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School of Printing Management and Sciences
Rochester Institute of Technology
Rochester, New York

Certificate of Approval

Master's Thesis

This is to Certify that the Master's Thesis of

David P. Wall

With a major in Graphic Arts Publishing
has been approved by the Thesis Committee as satisfactory
for the thesis requirement for the Master of Science degree
at the convocation of

DECEMBER 1992

Date

Thesis Committee:

David Pankow

Thesis Advisor

Marie Freckleton

Graduate Program Coordinator

George H. Ryan

Director or Designate

A CATALOGUE OF THE WOOD TYPE AT ROCHESTER INSTITUTE OF TECHNOLOGY

by David P. Wall

A thesis project submitted in partial fulfillment of
the requirements for the degree of Master of Science in
the School of Printing Management and Sciences in the
College of Graphic Arts and Photography of the
Rochester Institute of Technology

November 1992

Project Advisor: Professor David Pankow

INTRODUCTION

When Adobe Systems introduced in 1990 their first digital library of 'wood type,' the event marked the latest step forward in a tradition dating back to 1828, when Darius Wells, of New York City, perfected the equipment and techniques needed to mass produce wood type. Wells' techniques, coupled with later improvements made by William Leavenworth, a Syracuse printer, encouraged more widespread use of large display types, thereupon infusing new life into commercial advertising in a young and quickly growing country (A. S. Lawson, "Wood Type—Story of Printers' Crafts," *Printing Impressions*, February 1970). The effect that the introduction of wood type carried is still seen today in the signs, posters, and billboards that adorn the face of every town.

PURPOSE OF THE STUDY

The Cary Collection and the School of Printing at RIT have acquired over the past few years a sizeable collection of this historic wood type, much of which dates from the earliest days of its manufacture. Until recently this library of wood type remained unsorted and uncatalogued. A written record of the typefaces that exist in this collection was deemed to be of great use to both the Cary Collection and the School of Printing, providing much better accessibility, on the part of students and researchers, to original materials dating from a very significant period in the history of type design, printing, and advertising. General access to these materials had been almost nonexistent. The purpose of my project has been to sort, examine, identify, organize, and catalogue the collection of wood type at RIT, and in so doing, provide greatly improved access to these materials.

WHO BENEFITS FROM THE STUDY

As stated above, this project benefits both the Cary Collection and the School of Printing, as well as the students and researchers at RIT. This project is also of interest to many people outside of the RIT community, such as industry leaders in digital type design, whose renewed interest in wood type promises to add a new spark to the look of commercial graphic arts.

WHY THIS PROJECT WAS CHOSEN TO BE UNDERTAKEN

The course of study which the student chose to pursue at RIT was largely determined by his interests in the historical aspects of printing, and during his coursework he was brought into contact with a small portion of the wood type available at RIT. This contact subsequently sparked in him the desire to study and work with wood type in greater depth. The collection now housed at RIT provided an ideal opportunity for him to do so.

PROCEDURES

HOW THE STUDY WAS CARRIED OUT

Each typeface was first inspected for marks which may have aided in determining its manufacturer and year of manufacture. Working proofs were printed of each character set in all sizes for each typeface, and were compared with existing specimen books to determine the typeface name and, if not already known, the manufacturer and year. The same steps were followed to identify, where possible, the ornaments and borders that were also in the collection.

A catalogue was organized according to typeface style, conforming as much as possible to ISO 9541 standards, and includes printed specimens of commonly used characters which best distinguish each typeface from other similar typefaces. Each specimen sheet also lists the sizes and completeness of each size of that particular typeface in the collection, the manufacturer and year, and a reference to the bibliographic material in which this information was found. Manufacturers' marks found on type in the collection were reproduced and included in a separate section, and a brief essay was written and included as an introduction to the finished catalogue. Ten copies of the catalogue were printed. An additional master set of specimen proofs was made for eventual reproduction in digital form.

INSTRUMENTS, EQUIPMENT, AND LABORATORIES NEEDED

This project was planned to be completed by September of 1991, but proved to be much more time consuming than expected, and was completed in November of 1992. It required access to the wood type collection which was in storage, and was moved into the Cary Collection's new facilities. Manufacturers' type specimens and books on the history of wood type, which are located in the Cary Collection and the Wallace Memorial Library, were needed to identify the type. Specimen collections at the Rochester Museum and Science Center and Columbia University were also consulted. A Vandercook Precision Proofing Press was required to print the proof specimens and the final specimens that were included in the catalogue. Typesetting of the introduction and specifications for each typeface required the use of the Monotype services of Michael and Winifred Bixler of Skaneateles, New York. The student selected and acquired an adequate amount of paper of a quality that was appropriate for this project.

HOW THE RESULTS OF THE STUDY WERE ANALYZED AS TO ITS SUCCESS

The success of the project was indicated by the thoroughness of the catalogue in determining as much of the information about each typeface as possible, as well as by the organization of the catalogue in such a way as provided easy access to the information. As the project was carried out, members of the School of Printing's faculty with knowledge relevant to the project were consulted for their opinions on the effectiveness of the project as it was

proceeding. Before each new step was undertaken, the work was reviewed and any changes deemed necessary by either a faculty member, the project advisor, or the student, were made.

RESULTS OF THE STUDY

A Specimen Portfolio of Wood Type in the Cary Collection is the successful end result of this thesis project. The portfolio contains specimens of all complete and near complete fonts of wood type, as well as incomplete samples of some unusual designs found in the Cary Collection. One hundred sixty of the 286 fonts in the collection have manufacturer's marks imprinted on one or more sorts, or possess some other distinguishing mark or feature, allowing for positive identification by name, manufacturer, and approximate date. This information is given with the printed specimen of each font. The remaining 126 fonts have been supplied with names that best describe each font based on commonly used typographic language. These names are given enclosed in brackets, and are followed by entries which indicate a manufacturer and type design shown in a catalog of that manufacturer, which closely resembles the specimen shown in the portfolio.

Also included with each specimen is a decimal number, or in some instances a group of numbers, which refers to a particular font's placement within the organizational scheme developed for the collection. Each decimal number can be used to refer to an entry within the portfolio's accompanying reference manual (see Appendix A), which includes information on the completeness of character sets, manufacturers' marks found on the font, the bibliographic source used to identify the font and the location of that source, the location of the font within the Cary Collection's archives, and the donor of that particular font.

The classification system used in organizing the wood type in the Cary Collection is based not on the evolution or derivation of typeface designs, but rather on the structure of the letterforms themselves. This system is modeled after the Typeface Design Grouping scheme of the I.S.O. 9541-1, Annex A, Electronic Font Interchange. The wood type classification system consists of a four level hierarchical structure which groups together type designs having similar characteristics, and uniquely identifies each individual font within the collection. The highest, most general level of the hierarchy is the Class, followed at the second level by the Subclass, at the third level by the Group, and at the fourth and most specific level, by the Font. Descriptions of all levels and categories within the levels are given in the reference manual, and for purposes of clarity one or more representative characters from an appropriate wood type design are shown with each Group level. At the Font level, the individual fonts are numbered sequentially in the order that they were acquired.

In the future, as more fonts of wood type are obtained by the Cary Collection, it is likely that some type designs will not fit reasonably within any of the groupings presently described.

This classification system has been tailored specifically for the wood type now on hand, with the intent and understanding that new Group levels can and will be added to the system's structure, to allow for the incorporation of new acquisitions. It therefore becomes the responsibility of the person given the task of cataloguing the new acquisitions to decide whether a new Group level is needed, and to take the appropriate measures in each situation. Similarly, it may be found that some wood type designs seem to be associated with more than one grouping within the classification system. On these occasions it is again the responsibility of the cataloger to choose the one Group level which, overall, is most appropriate.

The reference manual which accompanies the portfolio explains in detail the organization of the collection, and contains an outline of the organizational scheme along with descriptions of each category and letterform structure diagrams for each font group within the collection. The manual's main reference listing is also accompanied by three cross-reference lists, which allow information about each typeface and manufacturer to be accessed in a number of useful ways.

CONCLUSIONS

STUDENT'S CONCLUSIONS & THE ADDED VALUE OF THE STUDY

Most conclusions drawn from the results of a project of this type are necessarily subjective. And while no quantitative conclusions can be drawn, it cannot be disputed that this project adds immense value to the collection of wood type in the Cary Collection. One primary benefit of this project has been the added accessibility it has provided, opening up for anyone to view, a large collection of printing history that for a number of years remained unknown and unseen by most students and scholars. While storage within the confines of the Cary Collection guarantees that the wood type in its physical, tangible form will be preserved for many more years, the printed specimens provide people access to the type in a much less fragile, and much more useful form, and help insure the preservation of the type for a longer period of time.

The wood type classification system designed for this project also adds increased value to the collection, in that it accomplishes in a logical manner a very difficult task. It groups the wood type letterforms having similar structures into categories, and makes comparative analyses of the fonts within the collection much more simple and much more practical. This system also can serve as a model for the cataloguing and grouping of other wood type collections which exist at various locations around the country.

The understanding of, and appreciation for American wood type is greater today than it has ever been. The new digital type technology has spurred much of this interest, and opens up many exciting possibilities which have never existed before, for the use of wood type. It is

strongly felt that all individuals and institutions having in their possessions wood type collections of any size, should be encouraged to produce specimen sheets of their collections before the type has deteriorated beyond a point at which it can no longer be preserved.

RECOMMENDATIONS FOR FUTURE STUDIES

As mentioned above, nearly sixty percent of the fonts within the collection of wood type were positively identified by manufacturer, name, and approximate date. The remaining forty percent, due in most instances to the lack of any identifiable manufacturer imprints, could only be given general style names which best described each typeface design, and allowed it to be incorporated into the classification system. It is felt that an interesting and valuable project would be to research, in addition to the identified typefaces in the collection, each of these “unknown” typefaces, and as Rob Roy Kelly has done in his de facto bible on the subject of wood type, determine the companies or individuals who originally introduced these designs to the industry. Due to the frequency with which wood type designs were pirated from one company to the next, this information would not determine the manufacturers and dates of the wood type which is in the Cary Collection, but it would offer more insight into the history of these artifacts.

A REFERENCE MANUAL FOR
A SPECIMEN PORTFOLIO OF WOOD TYPE
IN THE CARY COLLECTION

Compiled and annotated, with an introduction
by David P. Wall

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WOOD TYPE CLASSIFICATION

A person faced with the task of organizing a large collection of wood type is faced with a daunting one at best. The method used by Rob Roy Kelly in classifying wood type designs was based on the evolution of these typefaces from three primary models: the roman, the antique, and the gothic letterforms. Almost all designs, he found, were derived from these three basic forms, with the exception of some truly independent inventions which he grouped in a fourth class, called the tuscan class. This method of classification works well for a great number of wood type designs, but begins to falter the further down the evolutionary line one looks, as the differences between gothic tuscan, antique tuscan, and plain tuscan become somewhat garbled, and the relation of these designs to the original parent letterform becomes less and less obvious.

The classification system used in organizing the wood type in the Cary Collection is based not on the evolution or derivation of typeface designs, but rather on the structure of the letterforms themselves. This system was developed under the guidance of Professor Archie Provan in the School of Printing Management and Sciences at RIT, and is modeled after the Typeface Design Grouping scheme of the I.S.O. 9541-1, Annex A, Electronic Font Interchange. The wood type classification system consists of a four level hierarchical structure which groups together type designs having similar characteristics, and uniquely identifies each individual font within the collection. The highest, most general level of the hierarchy is the Class, followed at the second level by the Subclass, at the third level by the Group, and at the fourth and most specific level, by the Font. Descriptions of all levels and categories within the levels are given below, and for purposes of clarity one or more representative characters from an appropriate wood type design are shown with each Group level. At the Font level, the individual fonts are numbered sequentially in the order that there were acquired.

In the future, as more fonts of wood type are obtained by the Cary Collection, it is likely that some type designs will not fit reasonably within any of the groupings presently described. This classification system has been tailored specifically for the wood type now on hand, with the intent and understanding that new Group levels can and will be added to the system's structure, to allow for the incorporation of new acquisitions. It therefore becomes the responsibility of the person given the task of cataloguing the new acquisitions to decide whether a new Group level is needed, and to take the appropriate measures in each situation. Similarly, it may be found that some wood type designs seem to be associated with more than one grouping within the classification system. On these occasions it is again the responsibility of the cataloger to choose the one Group level which, overall, is most appropriate.

CLASSIFICATION SYSTEM

- 1.00 INSCRIPTIONAL CLASS—Upper case only. Based on proportions of Roman Inscriptional letterform (Narrow E, F, L; sweeping tail on R).
- 2.00 UNCIAL CLASS—Based on European writing hands of the 6th-9th Centuries.
- 3.00 BLACKLETTER CLASS—Based on the writing hands of the German monasteries and the typeface designs based on those writing hands by printers of Germany, circa 12th-15th Centuries.
 - 3.01 FORMAL STYLE SUBCLASS—Characters have a condensed and angular appearance, with few or no curves, and a large x-height.

- 3.01.01 SERIF GROUP—With serifs.

Ta

- 4.00 SERIF CLASS—Typefaces which have serifs or ornamented terminals and which are not classed in the above three categories.
 - 4.01 FINE SUBCLASS—Serif thickness is approximately $\frac{1}{4}$ of stem width or less, and serifs may or may not be bracketed.

- 4.01.01 FAT FACE GROUP—Stems are straight with unbracketed serifs and great contrast between thick and thin strokes.

I

- 4.01.02 FLARED STEM GROUP—Serifs are very short and stubby, and stems flare at ends.

I

- 4.01.03 BRACKETED OLDSTYLE GROUP—
Stems are straight with bracketed
serifs, and characters E, F, L, T, and Z
have bracketed arm serifs.

FI

- 4.01.04 BRACKETED GEOMETRIC GROUP—
Stems are straight with bracketed
serifs, and characters E, F, L, T, and Z
have triangular arm serifs.

EI

- 4.02 EGYPTIAN SUBCLASS—Serif thickness is more than approximately
 $\frac{1}{4}$ of stem width, and serifs are unbracketed.

- 4.02.01 ANTIQUE GROUP—Serif thickness is
equal to or thinner than the stem
width of the character, and strokes are
either straight or curved.

I

- 4.02.02 GRECIAN GROUP—Serif thickness is
equal to or thinner than the stem
width of the character, and bowls of
characters are made up of short
straight strokes.

FP

- 4.02.03 FRENCH ANTIQUE GROUP—Serifs are
thicker than the stem width of the
character.

T I

4.03 CLARENDON/TUSCAN SUBCLASS—Serif thickness is more than approximately $\frac{1}{4}$ of stem width, and serifs are bracketed.

4.03.01 CLARENDON GROUP—Serif thickness is equal to or thinner than the stem width.



4.03.02 STUB SERIF GROUP—Serifs are very short, and serif thickness is equal to or thinner than the stem width of the character. Also, the terminal at the apex of A is sheared, and the lower stem of the G has a spur serif.



4.03.03 FRENCH CLARENDON GROUP—Serifs are thicker than the stem width, and are bracketed.



4.03.04 ÆTNA GROUP—Serif thickness is equal to or thinner than the stem width, and serifs are sheared.



4.03.05 TUSCAN GROUP—Serifs are thicker than stem width and are spurred, giving the appearance of having points turned back upon stem.



4.04 POINTED SUBCLASS—Serifs end in a point.

- 4.04.01 BRACKETED GROUP—Serifs are bracketed to point.



- 4.04.02 ANGLED GROUP—Serifs have angled fillets which give the appearance of triangular shaped serifs.



- 4.04.03 COMBINATION GROUP—Both of the above serif structures can be found on characters in this group.



4.05 ROUNDED SUBCLASS—Serifs are rounded or bulbous.

- 4.05.01 TRADITIONAL GROUP—These typefaces are based on designs from historical models dating between the 15th and 17th Centuries. In large sizes these designs appear to have rounded serifs.



- 4.05.02 MODERN GROUP—These typefaces are not based on historical models, and have rounded or bulbous serifs.

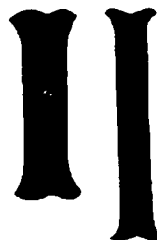


4.06 CUPPED/INDENTED SUBCLASS—Serifs/terminals are notched, cupped, or indented in some way.

4.06.01 SLAB GROUP—Serif thickness is more than $\frac{1}{4}$ of stem width, and serifs are bracketed.



4.06.02 FLARED/LOBED GROUP—Serifs/terminals flare out from stem and have two distinct and rounded lobes.



4.06.03 FLARED POINTED GROUP—Serifs/terminals flare out from stem and are pointed.



4.06.04 CURVED POINT GROUP—Serifs/terminals are points that are turned back upon stem.



4.06.05 MULTI-POINTED GROUP—Serifs/terminals are made up of many elaborately curved and upturned points.

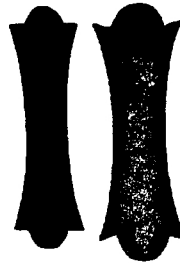


4.07 PROTRUDING SUBCLASS—Serifs/terminals have ornamentation that protrudes or projects from stem end.

- 4.07.01 SLAB SERIF/DOTTED GROUP—Serif thickness is greater than stem width and serifs have half-round ornaments that extend outward from stem end.



- 4.07.02 FLARED/DOTTED GROUP—Serifs/terminals flare outward from stem and have half-round ornaments that extend outward from stem end.



- 4.07.03 FLARED/POINTED GROUP—Serifs/terminals flare outward from stem and have points extending outward from stem end.



- 4.07.04 FLARED/ORNAMENTED GROUP—Serifs/terminals flare outward from stem and are adorned with ornamentation, other than dots or points, which extends outward from stem end.



4.07.05 STRAIGHT/POINTED GROUP—Stems are straight, with point extending from stem end. (Essentially a sans serif with a pointed or spurred terminal.)



5.00 SANS SERIF CLASS—Typefaces that have no serifs or otherwise ornamented terminals, and are not classed as scripts.

5.01 SQUARE STEM SUBCLASS—Stem ends are square.

5.01.01 PLAIN GOTHIC GROUP—These are the earliest of the sans serif designs (circa 1815). Characters may have some stress variation, but are generally monotone, and the tail of the R is curved.



5.01.02 UNIT GOTHIC GROUP—Characters may have slightly more stress variation than Plain Gothic. Also, the tail of the R is straight, and some terminals may be sheared.



5.01.03 GEOMETRIC GROUP—These designs are monotone, and are basically composed of circles and straight lines.

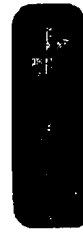


5.01.04 ANGLED GROUP—Bowls of characters are made up of short straight strokes, and some terminals may be sheared.



5.02 **ROUNDED STEM SUBCLASS**—The ends of the stems are rounded.

5.02.01 **ROUNDED PLAIN GROUP**—A Plain Gothic design with rounded stem ends.



5.03 **FLARED STEM SUBCLASS**—The ends of the stems flare outward.

5.03.01 **FLARED PLAIN GROUP**—The bowls of characters are made up of one rounded stroke.



5.03.02 **FLARED TUSCAN GROUP**—The bowls of characters are made up of more than one stroke.



6.00 **SCRIPT CLASS**—Typefaces that are designed to appear as handwriting.

6.01 **JOINED SUBCLASS**—Characters are connected.

6.01.01 **MONOTONE GROUP**—Strokes of characters have little or no stress variation. Characters appear to be drawn with a pen which is not broad edged.



7.00 **MISCELLANEOUS CLASS**—Typefaces that are highly stylized or decorated, and which do not fit into any of the above classes.

7.01 NEAT ENDS SUBCLASS—Characters have long appendages extending from the end of a stroke.

7.01.01 SERIF GROUP—With serifs.



GLOSSARY OF TERMS

Most definitions are taken from two works, Philip Gaskell's "Nomenclature for Roman Type" [Visible Language, (X1, Winter 1976), pp. 41-51] and Joseph Thorp's "Towards a Nomenclature for Letter Forms" [*The Monotype Recorder*, (April-May 1931), pp. 9-19]. Both of these articles address the structures of traditional Roman letterforms. The uniqueness of many wood type designs and their component parts has necessitated some modification of the terms defined in the articles.

APEX - the juncture point of two diagonal strokes, as in A, V, W, v, w.

ARM - a horizontal stroke.

ASCENDER - the extended stem of b, d, f, h, k, l.

BASE LINE - the imaginary line upon which the bottom of most letters rests.

BOWL - a stroke or series of strokes which enclose an area, as in B, D, O, a, b, o.

BRACKET - (of serifs) the angle between cross stroke and main stroke which has been filled in.

BRACKETED TO POINT - a hair line serif that is bracketed, giving the appearance of being pointed.

DESCENDER - the extended stem of p, q; and tails of g, j, y, J, Q.

FILLET - (similar to a bracket) the angle between cross stroke and main stroke which has been filled in and gives the serif the appearance of being triangular in shape.

FLARE - (usually of stems) the widened area of a stroke which varies in thickness along its length.

HAIR LINE - a very fine straight stroke.

MEAN LINE - the imaginary line which would join the tops of lower case letters which do not have ascenders.

SERIF - embellishments of the ends of stems, arms, and tails of letters, usually a small cross stroke ending a main stroke.

SHEAR - (of terminals or serifs) endings formed by an imaginary shearing stroke.

SPUR - a small projection, usually pointed, from a serif, stroke, or terminal.

STEM - a vertical stroke.

STRESS - the directional tendency of contrast in thickness of strokes.

STROKE - a single line, straight or curved.

TAIL - the parts below the base line of g, j, y, J, Q; also used for diagonal of R.

TERMINALS ends or beginnings of strokes other than serified ends or beginnings.

X-HEIGHT - the distance between the base line and the mean line.

MAIN REFERENCE LIST

For explanations of abbreviations used in this list, please see "SOURCES AND THEIR ABBREVIATIONS & LOCATIONS" and "MANUFACTURERS' IMPRINTS IN THE COLLECTION."

3.01.01.01 [BLACKLETTER] cf. Hamilton: No. 613 (4 line); manufacturer and date unknown (no mark).

UC, LC (includes only I, T, a, c, e, g, h, i, l, m, n, r, s, u).

Ref: Ham#14–1899, p. 101.

Case 1.05.

4.01.01.01 [ROMAN FAT FACE] cf. Hamilton: No. 241 (4 line); manufacturer and date unknown (no mark).

UC (does not include Q).

Ref: Ham#14–1899, p. 65.

Case 3.18, Miller Collection.

4.01.01.02 [ROMAN FAT FACE EXTENDED] cf. Hamilton: No. 5151 (4 line); manufacturer and date unknown (no mark).

UC, LC (complete; includes ff, fi, fl, ffi, ffl, Æ, Œ, æ, œ).

[same as Roman Extended, by Heber Wells].

Ref: Ham#16–1906, p.158.

Case 2.11, Remington Collection.

4.01.01.03 [ROMAN MODERN] cf. Page: Roman Condensed Light Face (5 line); manufacturer and date unknown (no mark).

UC (complete).

[one R has engraving of bird on back].

Ref: Page1890, p. 1.

Case 1.10.

4.01.01.04 [ROMAN FAT FACE] cf. Hamilton: No. 241 (5 line); manufacturer and date unknown (no mark).

UC, LC, Figs. (does not include B, F, G, H, J, W, c, j, p, z; includes ff, fl, ffi, ffl, œ).

Ref: Ham#14–1899, p. 65.

Case 2.01.

4.01.01.05 [ROMAN FAT FACE] cf. Page: Roman No. 2 (5 line); manufacturer and date unknown (no mark).

UC (does not include Q, S).

Ref: Page1890, p. 2.
Case 2.11, Remington Collection.

4.01.01.06 [ROMAN FAT FACE] cf. Hamilton: No. 5151 (6 line); manufacturer and date unknown (no mark).
UC, Figs. (does not include E, K, Q, Y, 2, 7, 8, 9).
[same as Roman Extended, by Heber Wells].
Ref: Ham#16–1906, p. 158.
Case 1.10.

4.01.01.07 [ROMAN FAT FACE] cf. Page: Roman Extra Condensed (7 line); manufacturer and date unknown (no mark).
UC, LC, Figs. (does not include j, k; includes fi, ff, fl, ffl, Æ, Œ, æ, œ).
Ref: Page1890, p. 4.
Case 2.12, Remington Collection.

4.01.01.08 [ROMAN FAT FACE CONDENSED] cf. AWT(Conn): No. 2017 (8 line); manufacturer and date unknown (no mark).
UC, Figs. (does not include 6, 8, 9).
[see also 4.01.01.09].
Ref: AWT(Conn)—nd, no pp.
Case 1.13, Miller Collection.

4.01.01.09 [ROMAN FAT FACE CONDENSED] cf. AWT(Conn): No. 2017 (8 line); manufacturer and date unknown (no mark).
Figs. (does not include 1, 2, 4).
[see also 4.01.01.08].
Ref: AWT(Conn)—nd, no pp.
Case 2.02.

4.01.01.10 [ROMAN FAT FACE] cf. Hamilton: No. 242 (8 line); manufacturer and date unknown (no mark).
UC, LC (does not include J, K; includes ff, fi, fl, ffi, ffl, Æ, œ).
Ref: Ham#14–1899, p. 65.
Case 2.12, Remington Collection.

4.01.01.11 [ROMAN FAT FACE] cf. Page: Roman (8 line); manufacturer and date unknown (no mark).
UC (complete; includes Æ, Œ).
Ref: Page1890, p. 2.
Case 2.04, Remington Collection.

4.01.01.12 [ROMAN FAT FACE] cf. Hamilton: No. 242 (10 line); manufacturer and date unknown (no mark).

UC, Figs. (does not include V, 3; includes Æ).

[one O has a floral engraving on back].

Ref: Ham#14–1899, p. 65.

Case 1.11, Kronenberg Collection.

4.01.01.13 [ROMAN FAT FACE] cf. Page: Roman Condensed (10 line); manufacturer and date unknown (no mark).

UC (includes only A, C, I, O, N, T, U).

Ref: Page1890, p. 3.

Case 2.02.

4.01.01.14 ROMAN EXTRA CONDENSED (30 line); William H. Page & Co., 1859 or later (Page–2).

UC (does not include X, Y, Z).

Ref: Page1890, p. 4.

Case 2.03, Remington Collection.

4.01.01.15 [ROMAN FAT FACE OPEN SHADE] (8 line); manufacturer and date unknown (no mark).

UC (does not include D; includes Æ, Œ).

Ref: Kelly, p. 86-89.

Case 2.04, Remington Collection.

4.01.02.01 NO. 2158 (15 line); American Wood Type Co. (Conn), after 1883 (AWT–1).

UC (complete).

Ref: AWT(Conn)–nd, no pp.

Case 2.09, Remington Collection.

4.01.03.01 [ROMAN] cf. Page: Old Style (5 line); manufacturer and date unknown (no mark).

UC, LC, Figs. (does not include Q; includes ff, fi, fl, ffi, ffl).

[LC includes some expanded alternate characters].

Ref: Page1890, p. 6.

Case 2.09, Remington Collection.

4.01.03.02 OLD STYLE CONDENSED (6 line); William H. Page & Co., 1857-1859 (Page–1).

UC, LC, Figs. (does not include Q, R, U, a, r, z, 2, 7, 8, 9, 0; includes ff, fi, fl, ffi, ffl).

Ref: Page1890, p. 7.

Case 1.16.

4.01.03.03 [ROMAN MODERN CONDENSED] cf. AWT(LI): Old Style No. 6 (8 line); manufacturer and date unknown (no mark).

UC (complete).

[Appears to be unused].

Ref: AWT(LI)-1958, p. 36.

Case 3.03.

4.01.03.04 [ROMAN MODERN CONDENSED] cf. Hamilton: No. 231 (8 line); manufacturer and date unknown (no mark).

UC (does not include Q).

Ref: Ham#14-1899, p. 65.

Case 3.03.

4.01.03.05 [ROMAN CONDENSED] cf. Hamilton: No. 629 (12 line); manufacturer and date unknown (no mark).

UC, Figs. (does not include A, D, E, H, K, M, P, Q, R, T, U, X, Z, 2, 5).

Ref: Ham#14-1899, p. 41.

Case 2.02, Kronenberg Collection.

4.01.03.06 [ROMAN INLINE] cf. Hamilton: Cameo Highlight, No. 834 (4 line); manufacturer and date unknown (no mark).

UC, LC, Figs. (does not include X).

Ref: Ham#38-nd, p. 32.

Case 3.10, donated by Ray Czapkowski.

4.01.04.01 [ÆTNA] cf. Hamilton: No. 62 (4 line); manufacturer and date unknown (no mark).

UC, LC, Figs. (complete; includes ff, fi, fl, ffi, ffl).

Ref: Ham#14-1899, p. 42.

Case 3.18, Miller Collection.

4.01.04.02 PAINTERS' ROMAN (6 line); Vanderburgh, Wells & Co., 1867-1890 (VW&C-2).

UC (complete).

Ref: VW&Co1877, no pp..

Case 1.19, Kronenberg Collection.

4.01.04.03 [ÆTNA CONDENSED] cf. Hamilton: No. 253 (12 line); Celluloid Stereotype Co., 1885-1900 (no mark).

UC (does not include C, Q, U).
[Celluloid or Enameled wood type].
Ref: Ham#14-1899, p. 42.
Case 1.14.

4.01.04.04 PAINTERS' ROMAN CONDENSED (12 line); Vanderburgh, Wells & Co., 1867-1890 (VW&C-2).
UC, LC, Figs. (does not include j).
Ref: VW&Co1877, no pp.
Case 2.11, Remington Collection.

4.02.01.01 [ANTIQUE EXTENDED] cf. M&W: Antique Extended (3 line); manufacturer and date unknown (no mark).
UC (complete).
[very similar to 4.02.01.02].
Ref: M&W1888, p. 33.
Case 2.08, Remington Collection.

4.02.01.02 [ANTIQUE EXTENDED] cf. M&W: Antique Extended (3 line); manufacturer and date unknown (no mark).
UC (complete).
[UC is slightly more expanded than 4.02.01.01].
Ref: M&W1888, p. 33.
Case 2.08, Remington Collection.

4.02.01.03 No. 51 (4 line); Hamilton Manufacturing Co., 1880-1889 (no mark).
UC (does not include X).
[Hamilton's "Holly Wood" veneer type].
Ref: Chesman1888, p. 14.
Case 2.04, Miller Collection.

4.02.01.04 No. 51 (4 line); Hamilton Manufacturing Co., after 1891 (Ham-1).
UC, Figs. (does not include 1, 2).
Ref: Ham#14-1899, p. 26.
Case 1.13.

4.02.01.05 [ANTIQUE EXTENDED] cf. Hamilton: No. 254 (4 line); manufacturer and date unknown (no mark).
UC, Figs. (does not include A, N, R, Y).
Ref: Ham#14-1899, p. 26.
Case 1.10.

4.02.01.06 ANTIQUE EXTENDED (4 line); Vanderburgh, Wells & Co., 1867-1890 (VW&C-2).

UC (complete).

Ref: VW&Co1877, no pp.

Case 1.14, Miller Collection.

4.02.01.07 [ANTIQUE CONDENSED] cf. Hamilton: No. 87 (5 line); manufacturer and date unknown (no mark).

UC (does not include A, F, U).

Ref: Ham#14-1899, p. 28.

Case 1.15.

4.02.01.08 ANTIQUE DOUBLE EXTRA CONDENSED No. 2 (6 line); Vanderburgh, Wells & Co., 1864-1867 (VW&C-1).

UC, LC, Figs. (complete; includes ff, fi, fl, ffi, ffl, Æ, CE, æ, œ).

Ref: VW&Co1877, no pp.

Case 2.10, Remington Collection.

4.02.01.09 [ANTIQUE CONDENSED] cf. Hamilton: No. 87 (6 line); manufacturer and date unknown (no mark).

UC, Figs. (does not include 4).

Ref: Ham#14-1899, p. 28.

Case 1.14, Miller Collection.

4.02.01.10 [ANTIQUE] cf. Hamilton: No. 5013 (6 line); manufacturer and date unknown (no mark).

Figs. (does not include 3, 4, 5).

[same as Antique, by Heber Wells].

Ref: Ham#16-1906, p. 81.

Case 1.13.

4.02.01.11 [ANTIQUE EXTENDED] cf. Hamilton: No. 77 (6 line); manufacturer and date unknown (no mark).

UC, LC (does not include T).

Ref: Ham#14-1899, p. 26.

Case 1.20, Kronenberg Collection.

4.02.01.12 No. 2044 (8 line); American Wood Type Co. (Conn. after 1883 (AWT-1).

UC, LC, Figs. (does not include q; includes ff, fi, fl, ffi, ffl).

Ref: AWT(Conn)-nd, no pp.

Case 1.14.

4.02.01.13 [ANTIQUE CONDENSED] cf. Hamilton: No. 87 (10 line manufacturer and date unknown (no mark).
UC (does not include A, H, I, L, N, Q, R, S, X).
Ref: Ham#14-1899, p. 28.
Case 1.18.

4.02.01.14 [ANTIQUE CONDENSED] cf. Hamilton: No. 87 (10 line manufacturer and date unknown (no mark).
LC (does not include b, j, p, w, y, z; includes ff, fi, fl, ffl).
Ref: Ham#14-1899, p. 28.
Case 1.14, Miller Collection.

4.02.01.15 ANTIQUE EXTRA CONDENSED (10 line); William H. Page & Co., 1857-1859 (Page-1).
UC, Figs. (complete).
Ref: Page1890, p. 22.
Case 3.20, Miller Collection.

4.02.01.16 ANTIQUE EXTENDED (10 line); William H. Page & Co., 1859 or later (Page-2).
UC, LC, Figs. (does not include B, j; includes ff, fi, fl, ffi, ffl).
Ref: Page1890, p. 14.
Case 3.11, Kronenberg Collection.

4.02.01.17 ANTIQUE EXTRA CONDENSED No. 3 (14 line); William H. Page & Co., 1857-1859 (Page-1).
UC (does not include N, Q, U).
Ref: Page1890, p. 22.
Case 3.19.

4.02.01.18 [ANTIQUE] cf. Page: Antique No. 4 (15 line); manufacturer and date unknown (no mark).
UC (does not include Z).
Ref: Page1890, p. 15.
Case 2.18, Grastorf Collection.

4.02.01.19 [ANTIQUE] cf. Hamilton: No. 178 (15 line); manufacturer and date unknown (no mark).
LC, Figs. (does not include 4, 5, 7, 8; includes ff).
Ref: Ham#14-1899, p. 26.
Case 2.16, Grastorf Collection.

4.02.01.20 ANTIQUE DOUBLE EXTRA CONDENSED (20 line); William H. Page & Co., 1870 or later (Page-3).

UC, Figs. (does not include K).

Ref: Page1890, p. 29.

Case 2.01, Kronenberg Collection.

4.02.01.21 ANTIQUE EXTRA CONDENSED (20 line); William H. Page & Co., 1857-1859 (Page-1).

UC (complete).

Ref: Page1890, p. 20.

Case 3.17, Miller Collection.

4.02.01.22 [ANTIQU] cf. Hamilton: No. 87 (20 line); manufacturer and date unknown (no mark).

LC (complete; includes ff, fi, fl, ffi, ffl).

[Not shown in catalogue. Many characters are warped and very brittle].

Ref: Ham#14-1899, p. 28.

Case 3.19, Miller Collection.

4.02.01.23 ANTIQUE (20 line); William H. Page & Co., 1857-1859 (Page-1).

UC, Figs. (UC includes only A, E, G, H, L, P, Q, X, Z).

[Not shown in catalogue. Many characters are warped and very brittle].

Ref: Page1890, p. 14.

Case 1.18.

4.02.01.24 ANTIQUE (25 line); William H. Page & Co., 1859 or later (Page-2).

UC (does not include D, Q, U, V, W, X, Y, Z).

[see also 4.02.01.25].

Ref: Page1890, p. 14.

Case 3.06, Kronenberg Collection.

4.02.01.25 ANTIQUE (25 line); William H. Page & Co., 1859 or later (no mark).

UC (includes only I, O, P, Q, R, S, T, U, V, W, X, Y, Z).

[see also 4.02.01.24].

Ref: Page1890, p. 14.

Case 3.14, Kronenberg Collection.

4.02.01.26 [ANTIQU] cf. Page: Antique Double Extra Condensed (40 line); J. G. Cooley, 1859-1868 (Cooley-1).

UC (complete; includes Æ, Œ).

Ref: Page1890, p. 29.

Case 2.13, Remington Collection.

4.02.02.01 [GRECIAN CONDENSED] cf. AWT(Conn): No. 2155 (7 line);
manufacturer and date unknown (no mark).

UC (does not include Q).

Ref: AWT(Conn)-nd, no pp.

Case 3.19.

4.02.02.02 [GRECIAN CONDENSED] cf. Page: Grecian Condensed (10 line); J.

G. Cooley, 1859-1868 (Cooley-1).

UC (complete).

Ref: Page1890, p. 51.

Case 2.16, Grastorf Collection.

4.02.02.03 [GRECIAN CONDENSED] cf. Hamilton: No. 287 (10 line);

manufacturer and date unknown (no mark).

UC (does not include A, B, H, R, T, W, Y).

Ref: Ham#14-1899, p. 44.

Case 1.15.

4.02.02.04 [GRECIAN CONDENSED] cf. Hamilton: No. 288 (12 line);

manufacturer and date unknown (no mark).

UC (does not include Q).

[same as Grecian Double Extra Condensed, by Page & Co.].

Ref: Ham#16-1906.

Case 2.09, Remington Collection.

4.02.02.05 [GRECIAN CONDENSED] cf. Page: Grecian Extra Condensed (18
line); manufacturer and date unknown (no mark).

UC, Figs. (does not include A, B, H, K, M, S, T, 3, 4, 7, 8, 0).

Ref: Page1890, p. 51.

Case 2.02.

4.02.03.01 EGYPTIAN (6 line); Vanderburgh, Wells & Co., 1867-1890

(VW&C-2).

UC, LC, Figs. (does not include y; includes ff, fi, fl, ffi, ffl).

Ref: VW&Co1877, no pp.

Case 2.08, Remington Collection.

4.02.03.02 No. 55 (8 line); Hamilton Manufacturing Co., 1880-1889 (no
mark).

UC (does not include Q).

[Hamilton's "Holly Wood" veneer type].

Ref: Chesman1888, p. 20.

Case 2.08, Remington Collection.

4.02.03.03 FRENCH ANTIQUE NO. 1 (8 line); Morgans & Wilcox Mfg. Co., after 1881 (M&W-1).

UC, Figs. (complete).

Ref: M&W1888, p. 47.

Case 2.08, Remington Collection.

4.02.03.04 [FRENCH CLARENDON] cf. Hamilton: No. 3013 (8 line); manufacturer and date unknown (no mark).

UC, LC, Figs. (complete).

[same as Egyptian Antique, by Morgans & Wilcox].

Ref: Ham#16-1906, p. 79.

Case 2.04, Miller Collection.

4.02.03.05 FRENCH ANTIQUE (10 line); William H. Page & Co., 1870 or later (Page-3).

UC, LC, Figs. (does not include j, k, l, p, q, y, z, 2, 6, 9; includes ff, fi, ffi, ffl, Æ).

Ref: Page1890, p. 32.

Case 1.10, Kronenberg Collection.

4.02.03.06 FRENCH ANTIQUE (12 line); William H. Page & Co., 1857-1859 (Page-1).

UC, Figs. (does not include G).

Ref: Page1890, p. 32.

Case 1.08.

4.02.03.07 [FRENCH CLARENDON] cf. Hamilton: No. 70 (25 line); manufacturer and date unknown (no mark).

UC (does not include P, Q, R, S, T, U, V, W, X, Y, Z).

[see 4.02.03.08 for remaining characters in font].

Ref: Ham#14-1899, p. 28.

Case 2.20, Grastorf Collection.

4.02.03.08 [FRENCH CLARENDON] cf. Hamilton: No. 70 (25 line); manufacturer and date unknown (no mark).

UC, Figs. (UC includes only O, P, Q, R, S, T, U, V, W, X, Y, Z).

[see 4.02.03.07 for remaining characters in font].

Ref: Ham#14-1899, p. 28.
Case 2.20, Grastorf Collection.

4.02.03.09 No. 55 (40 line); Hamilton Manufacturing Co., after 1891 (no mark).
UC (does not include B, C, E, F, G, K, L).
[see 4.02.03.10 for remaining characters in font].
Ref: Ham#14-1899, p. 30.
Case 3.08, Kronenberg Collection.

4.02.03.10 No. 55 (40 line); Hamilton Manufacturing Co., after 1891 (Ham-1).
UC (does not include B, M, S, T, U, V, W, X, Y, Z).
[see 4.02.03.09 for remaining characters in font].
Ref: Ham#14-1899, p. 30.
Case 3.14, Kronenberg Collection.

4.03.01.01 [CLARENDON CONDENSED] cf. Page: Clarendon (4 line);
manufacturer and date unknown (no mark).
UC (does not include K, Y).
Ref: Page1890, p. 54.
Case 2.08, Remington Collection.

4.03.01.02 CLARENDON EXTENDED (4 line); Vanderburgh, Wells & Co., 1867-1890 (VW&C-2).
UC, LC, Figs. (complete; includes ff, fi, fl, ffi, ffl).
Ref: VW&Co1877, no pp.
Case 1.16, Kronenberg Collection.

4.03.01.03 No. 22 (5 line); Hamilton Manufacturing Co., 1880-1889 (no mark).
UC (complete).
[Hamilton's "Holly Wood" veneer type].
Ref: Chesman1888, p. 15.
Case 2.04, Miller Collection.

4.03.01.04 CLARENDON EXTENDED (5 line); William H. Page & Co., 1857-1859 (Page-1).
UC, LC, Figs. (complete; includes ff, fi, fl, ffi, ffl).
Ref: Page1890, p. 53.
Case 2.01.

4.03.01.05 [CLARENDON] cf. Hamilton: No. 22 (6 line); manufacturer and date unknown (no mark).

Figs. (complete).

Ref: Ham#14-1899, p. 34.

Case 1.14, Miller Collection.

4.03.01.06 CLARENDON DOUBLE EXTRA CONDENSED (8 line); Vanderburgh, Wells & Co., 1867-1890 (VW&C-2).

UC, Figs. (complete).

Ref: VW&Co1877, no pp.

Case 1.16.

4.03.01.07 CLARENDON CONDENSED NO. 1 (8 line); Vanderburgh, Wells & Co., 1867-1890 (VW&C-2).

UC (does not include Q).

Ref: VW&Co1877, no pp.

Case 1.13, Miller Collection.

4.03.01.08 [CLARENDON CONDENSED] cf. Hamilton: No. 105 (8 line); manufacturer and date unknown (no mark).

UC (does not include N, O, U).

Ref: Ham#14-1899, p. 27.

Case 1.16, Miller Collection.

4.03.01.09 CLARENDON CONDENSED (8 line); William H. Page & Co., 1859 or later (Page-3).

UC, Figs. (does not include 6, 9).

Ref: Page1890, p. 55.

Case 1.11, Kronenberg Collection.

4.03.01.10 [CLARENDON] cf. Hamilton: No.22 (8 line); manufacturer and date unknown (no mark).

Figs. (complete).

Ref: Ham#14-1899, p. 43.

Case 1.06.

4.03.01.11 IONIC (8 line); Vanderburgh, Wells & Co., 1867-1890 (VW&C-2).

UC, Figs. (does not include 5, 7, 0).

Ref: VW&Co1877, no pp.

Case 2.10, Remington Collection.

4.03.01.12 [CLARENDON] cf. Hamilton: No. 155 (8 line); manufacturer and date unknown (no mark).

UC, Figs. (includes only B, F, G, J, L, S, T, V, Y, 2, 6, 7, 9, 0).

Ref: Ham#14-1899, p. 31.

Case 1.18.

4.03.01.13 [CLARENDON CONDENSED] cf. Hamilton: No. 152 (10 line);

Celluloid Stereotype Co., 1885-1900 (no mark).

UC, LC (does not include p; includes ff, fi, fl, ffl).

[Celluloid or Enameled wood type].

Ref: Ham#14-1899, p. 33.

Case 1.14.

4.03.01.14 CLARENDON CONDENSED (?) (10 line); William H. Page & Co., 1859 or later (Page-2).

LC (complete; includes ff, fi, fl, ffl, fff).

Ref: Page1890, see pp. 54-55.

Case 1.13, Miller Collection.

4.03.01.15 CLARENDON EXTENDED (10 line); Vanderburgh, Wells & Co., 1867-1890 (VW&C-2).

UC, Figs. (does not include 5, 7).

Ref: VW&Co1877, no pp.

Case 1.06, Kronenberg Collection.

4.03.01.16 CLARENDON DOUBLE EXTRA CONDENSED (12 line); William H. Page & Co., 1870 or later (Page-3).

UC, Figs. (complete).

Ref: Page1890, p. 65.

Case 2.04, Remington Collection.

4.03.01.17 [CLARENDON CONDENSED] cf. Hamilton: No. 153 (12 line); manufacturer and date unknown (no mark).

UC, Figs. (does not include A, M, R).

Ref: Ham#14-1899, p. 33.

Case 1.11.

4.03.01.18 CLARENDON CONDENSED NO. 2 (12 line); Vanderburgh, Wells & Co., 1867-1890 (VW&C-2).

UC (complete).

Ref: VW&Co1877, no pp.

Case 1.16, Kronenberg Collection.

4.03.01.19 [CLARENDON CONDENSED] cf. Hamilton: No. 105 (15 line);
manufacturer and date unknown (no mark).
UC (complete).
Ref: Ham#14-1899, p. 27.
Case 1.16, Miller Collection.

4.03.01.20 [CLARENDON EXTRA CONDENSED] cf. Hamilton: No. 153 (18 line);
manufacturer and date unknown (no mark).
UC (includes only F, G, I, J, N, O, S, W).
[A stereotyped N included with the font carries the imprint
"Peters & Son, Boston"].
Ref: Ham#14-1899, p. 33.
Case 2.02.

4.03.01.21 CLARENDON CONDENSED (18 line); William H. Page & Co., 1857-
1859 (Page-1).
UC (does not include U, V, W, X, Y, Z).
[Not shown in catalogue. Many characters are warped and very brittle. See
4.03.01.022 for remaining characters in font].
Ref: Page1890, p. 55.
Case 1.17.

4.03.01.22 CLARENDON CONDENSED (18 line); William H. Page & Co., 1857-
1859 (no mark).
UC, Figs. (UC includes only T, U, V, W, X, Y, Z).
[Not shown in catalogue. Many characters are warped and very brittle. See
4.03.01.021 for remaining characters in font].
Ref: Ham#14-1899, p. 32.
Case 3.19.

4.03.01.23 [CLARENDON] cf. Hamilton: No. 23 (20 line); manufacturer and
date unknown (no mark).
UC (does not include A, B, C).
[see also 4.03.01.24].
Ref: Ham#14-1899, p. 40.
Case 3.10, Kronenberg Collection.

4.03.01.24 [CLARENDON] cf. Hamilton: No. 23 (20 line); manufacturer and
date unknown (no mark).
UC (includes only C, D, E, G, I, K, O, V, W).
[see also 4.03.01.23].

Ref: Ham#14-1899, p. 40.
Case 3.16, Kronenberg Collection.

4.03.01.25 CLARENDON DOUBLE EXTRA CONDENSED (24 line); Vanderburgh, Wells & Co., 1867-1890 (VW&C-2).
UC (complete).
Ref: VW&Co1877, no pp.
Case 1.15, Kronenberg Collection.

4.03.01.26 [CLARENDON] cf. Hamilton: No. 5031 (24 line); manufacturer and date unknown (no mark).
Figs. (does not include 2, 4, 8).
[same as Clarendon No. 1, by Heber Wells].
Ref: Ham#16-1906, p. 90.
Case 1.18.

4.03.01.27 CLARENDON ITALIAN (30 line); Vanderburgh, Wells & Co., 1867-1890 (VW&C-2).
UC (does not include O, P, Q, R, S, T, U, V, W, X, Y, Z).
[see 4.03.01.28 for remaining characters in font].
Ref: VW&Co1877, no pp.
Case 1.12, Kronenberg Collection.

4.03.01.28 CLARENDON ITALIAN (30 line); Vanderburgh, Wells & Co., 1867-1890 (VW&C-2).
UC (includes only N, O, P, Q, R, S, T, U, V, W, X, Y, Z).
[see 4.03.01.27 for remaining characters in font].
Ref: VW&Co1877, no pp.
Case 1.12, Kronenberg Collection.

4.03.01.29 CLARENDON DOUBLE EXTRA CONDENSED (36 line); Vanderburgh, Wells & Co., 1867-1890 (VW&C-2).
UC (does not include O, P, Q, R, S, T, U, V, W, X, Y, Z).
[see 4.03.01.30 for remaining characters in font].
Ref: VW&Co1877, no pp.
Case 1.09, Kronenberg Collection.

4.03.01.30 CLARENDON DOUBLE EXTRA CONDENSED (36 line); Vanderburgh, Wells & Co., 1867-1890 (VW&C-2).
UC (includes only N, O, P, Q, R, S, T, U, V, W, X, Y, Z).
[see 4.03.01.29 for remaining characters in font].

Ref: VW&Co1877, no pp.
Case 1.09, Kronenberg Collection.

4.03.01.31 [IONIC OBLIQUE] cf. VW&Co: Ionic (10 line); Vanderburgh, Wells & Co., 1867-1890 (VW&C-2).
UC, LC, Figs. (complete).
Ref: VW&Co1877, no pp.
Case 1.19, Kronenberg Collection.

4.03.02.01 No. 98 [CHELTENHAM], cf. Hamilton: No. 706, Cheltenham Bold Condensed (6 line); Empire Type Foundry (Delevan, NY), 1918-1924 (Empire-1).
UC, LC, Figs. (complete).
Ref: Ham#38-nd, p. 34.
Case 3.02, Grastorf Collection.

4.03.02.02 No. 98 [CHELTENHAM], cf. Hamilton: No. 696, Cheltenham Bold (10 line); Empire Type Foundry (Delevan, NY), 1918-1924 (Empire-1).
Figs. (complete).
Ref: Ham#38-nd, p. 35.
Case 2.03, Miller Collection.

4.03.02.03 [CHELTENHAM BOLD CONDENSED] cf. Hamilton: No. 706 (10 line); manufacturer and date unknown (no mark).
UC (complete).
[very similar to 4.03.02.04].
Ref: Ham#38-nd, p. 34.
Case 2.03, Miller Collection.

4.03.02.04 [CHELTENHAM BOLD CONDENSED] cf. Hamilton: No. 706 (10 line); manufacturer and date unknown (no mark).
UC (does not include A, B, C, E, H, O).
[very similar to 4.03.02.03].
Ref: Ham#38-nd, p. 34.
Case 1.17.

4.03.02.05 No. 696 (8 line); Hamilton Manufacturing Co., after 1891 (Ham-1).
UC, LC, Figs. (complete).
Ref: Ham#38-nd, p. 35.
Case 1.05

4.03.03.01 [FRENCH CLARENDON CONDENSED] cf. Page: French Clarendon No. 2 (4 line); manufacturer and date unknown (no mark).
UC, LC (does not include F, g, o, u; includes ff, fi, fl, ffi, ffl).
Ref: Page1890, p. 58.
Case 2.08, Remington Collection.

4.03.03.02 [FRENCH CLARENDON] cf. Hamilton: No. 157 (4 line); manufacturer and date unknown (no mark).
UC, LC, Figs. (does not include j).
Ref: Ham#14-1899, p. 35.
Case 3.20, Miller Collection.

4.03.03.03 EGYPTIAN CONDENSED (5 line); Vanderburgh, Wells & Co., 1867-1890 (VW&C-2).
UC, LC, Figs. (complete; includes ff, fi, fl, ffi, ffl).
Ref: VW&Co1877, no pp.
Case 3.19.

4.03.03.04 FRENCH CLARENDON (6 line); Vanderburgh, Wells & Co., 1867-1890 (VW&C-2).
UC, LC, Figs. (complete; includes ff, fi, fl, ffi, ffl).
Ref: VW&Co1877, no pp.
Case 1.16, Kronenberg Collection.

4.03.03.05 [FRENCH CLARENDON] cf. Hamilton: No. 24 (6 line); Celluloid Stereotype Co., 1885-1900 (no mark).
UC, Figs. (does not include 3).
[Celluloid or Enameled wood type].
Ref: Ham#14-1899, p. 37.
Case 3.19.

4.03.03.06 [FRENCH CLARENDON CONDENSED] cf. Page: Egyptian Condensed (6 line); Morgans & Wilcox Mfg. Co., after 1881 (M&W-1).
UC, LC, Figs. (complete; includes ff, fi, fl, ffi, ffl).
Ref: Page1890, p. 77.
Case 2.08, Remington Collection.

4.03.03.07 EGYPTIAN CONDENSED (6 line); Vanderburgh, Wells & Co., 1867-1890 (VW&C-2).
UC, Figs. (does not include O, Z).
[One A has a M&W imprint, but there is no discernable difference from the VW&Co letter. There may be two very similar fonts here.].

Ref: VW&Co1877, no pp.
Case 2.08, Remington Collection.

4.03.03.08 YORKALDINE (6 line); Vanderburgh, Wells & Co., 1867-1890 (VW&C-2).
UC, LC, Figs. (does not include j, p, 3, 6, 9).
[see also 4.03.03.09].
Ref: VW&Co1877, no pp.
Case 1.19.

4.03.03.09 [FRENCH CLARENDON] cf. Hamilton, No. 5056 (6 line);
manufacturer and date unknown (no mark).
Figs. (does not include 3, 4, 0).
[same as Egyptian No. 2, by Heber Wells; see also 4.03.03.08].
Ref: Ham#16-1906, p. 101.
Case 1.13.

4.03.03.10 ALDINE EXPANDED (6 line); Morgans & Wilcox Mfg. Co., after 1881 (M&W-1).
UC (complete).
Ref: M&W1888, p. 45.
Case 2.18, Grastorf Collection.

4.03.03.11 FRENCH CLARENDON (8 line); Vanderburgh, Wells & Co., 1867-1890 (VW&C-2).
UC, Figs. (complete; includes fi).
Ref: VW&Co1877, no pp.
Case 1.11, Kronenberg Collection.

4.03.03.12 NORWICH ALDINE (8 line); William H. Page & Co., 1870 or later (Page-3).
UC, LC, Figs. (does not include P, j; includes ff, fi, fl, ffi, ffl).
Ref: Page1890, p. 72.
Case 2.10, Remington Collection.

4.03.03.13 FRENCH CLARENDON TREBLE EXTRA CONDENSED (10 line);
Morgans & Wilcox Mfg. Co., after 1881 (M&W-1).
UC, Figs. (does not include 1, 7, 9, 0).
Ref: M&W1888, p. 60.
Case 1.18.

4.03.03.14 No. 24 (10 line); Hamilton Manufacturing Co., 1880-1889 (no mark).

UC, Figs. (does not include F).

[Hamilton's "Holly Wood" veneer type].

Ref: Chesman1888, p. 5.

Case 2.10, Remington Collection.

4.03.03.15 No. 502 (10 line); William H. Page & Co., 1887-1891 (Page-4).

UC, Figs. (complete).

[Page's "New Process" die-cut type].

Ref: Golding-nd, p. 1.

Case 2.09, Remington Collection.

4.03.03.16 [FRENCH CLARENDON] cf. Hamilton: No. 24 (10 line);

manufacturer and date unknown (no mark).

UC, LC, Figs. (does not include A, C, D, G, H, I, M, R, X, Y, Z, t, x, 2, 4, 7).

Ref: Ham#14-1899, p. 37.

Case 3.20.

4.03.03.17 No. 69 (10 line); Hamilton Manufacturing Co., after 1891 (Ham-1).

UC (does not include B).

Ref: Ham#14-1899, p. 36.

Case 2.10, Remington Collection.

4.03.03.18 No. 154 (10 line); Hamilton Manufacturing Co., after 1891 (Ham-1).

UC, LC, Figs. (does not include G, H, I, J, K, P, Q, T, V, W, X, Y, Z c, d, e, f, h, k, m, 4, 7; includes ff, ffi).

[see 4.03.03.19 for remaining characters in font].

Ref: Ham#14-1899, p. 33.

Case 1.11.

4.03.03.19 No. 154 (10 line); Hamilton Manufacturing Co., after 1891 (Ham-1).

UC, LC, Figs. (does not include j, q, 9; includes ff, fi, fl).

[see 4.03.03.18 for remaining characters in font].

Ref: Ham#14-1899, p. 33.

Case 2.01.

4.03.03.20 EGYPTIAN (12 line); William H. Page & Co., 1857-1859 (Page-1).

UC, Figs. (complete).

Ref: Page1890, p. 76.
Case 3.17, Miller Collection.

4.03.03.21 [FRENCH CLARENDON CONDENSED] cf. Hamilton: No. 157 (12 line); manufacturer and date unknown (no mark).
LC (includes only a, d, e, f, g, k, l, n, t, p, y, ff, fi, fl, ffi, ffl).
Ref: Ham#14-1899, p. 35.
Case 2.02.

4.03.03.22 No. 24 (15 line); Hamilton Manufacturing Co., 1880-1889 (no mark).
UC, Figs. (complete; includes £).
[Hamilton's "Holly Wood" veneer type].
Ref: Chesman1888, p. 5.
Case 1.08, Miller Collection.

4.03.03.23 No. 2117 (15 line); American Wood Type Co. (Conn), after 1883 (AWT-1).
UC, Figs. (complete).
Ref: AWT(Conn)-nd, no pp.
Case 2.17, Grastorf Collection.

4.03.03.24 [FRENCH CLARENDON CONDENSED] cf. Hamilton: No. 24 (16 line); manufacturer and date unknown (no mark).
UC (does not include Z).
[Some letters have been hand carved to fill vacancies].
Ref: Ham#14-1899, p. 37.
Case 2.17, Grastorf Collection.

4.03.03.25 [FRENCH CLARENDON CONDENSED] cf. Hamilton, No. 154 (20 line); manufacturer and date unknown (no mark).
UC (complete).
[May include two very similar fonts].
Ref: Ham#14-1899, p. 33.
Case 1.10.

4.03.03.26 [FRENCH CLARENDON] cf. Hamilton: No. 37 (20 line); manufacturer and date unknown (no mark).
UC (UC includes only A, C, I, O, N, T, U).
Ref: Ham#14-1899, p. 32.
Case 2.02.

4.03.03.27 No. 24 (25 line); Hamilton Manufacturing Co., 1880-1889 (no mark).

Figs. (complete).

[Hamilton's "Holly Wood" veneer type].

Ref: Chesman1888, p. 5.

Case 1.07.

4.03.03.28 [FRENCH CLARENDON] cf. Hamilton: No. 4154 (25 line); manufacturer and date unknown (no mark).

Figs. (does not include 8, 0).

[same as Clarendon No. 1, by Page & Co.].

Ref: Ham#16-1906, p. 90.

Case 2.06, Kronenberg Collection.

4.03.03.29 No. 69 (30 line); Hamilton Manufacturing Co., after 1891 (Ham-1).

UC (UC includes only A, H, J, M, P).

[see 4.03.03.30, 4.03.03.31, & 4.03.03.32 for remaining characters in font].

Ref: Ham#14-1899, p. 36.

Case 3.16, Kronenberg Collection.

4.03.03.30 No. 69 (30 line); Hamilton Manufacturing Co., after 1891 (Ham-1).

UC (does not include S, T, U, V, W, X, Y, Z).

[see 4.03.03.29, 4.03.03.31, & 4.03.03.32 for remaining characters in font].

Ref: Ham#14-1899, p. 36.

Case 2.05, Kronenberg Collection.

4.03.03.31 No. 69 (30 line); Hamilton Manufacturing Co., after 1891 (no mark).

UC (includes only R, S, T, U, V, W, Y, Z).

[see 4.03.03.29, 4.03.03.30, & 4.03.03.32 for remaining characters in font].

Ref: Ham#14-1899, p. 36.

Case 2.05, Kronenberg Collection.

4.03.03.32 [FRENCH CLARENDON] cf. Hamilton: No. 69 (30 line); manufacturer and date unknown (no mark).

UC (UC includes only J, N, O, P, T, V, W, X, Y, Z).

[see 4.03.03.29, 4.03.03.30, & 4.03.03.31 for remaining characters in font].

Ref: Ham#14-1899, p. 36.

Case 3.07, Kronenberg Collection.

4.03.03.33 No. 37 (30 line); Hamilton Manufacturing Co., after 1891 (Ham-1).

UC (includes only A, D, E, F, G, L, N, P).

[see 4.03.03.34 for remaining characters in font].

Ref: Ham#14-1899, p. 32.

Case 3.07, Kronenberg Collection.

4.03.03.34 No. 37 (30 line); Hamilton Manufacturing Co., after 1891 (no mark).

UC (does not include A, B, D, E, F, K, L, P, R, S).

[see 4.03.03.33 for remaining characters in font].

Ref: Ham#14-1899, p. 32.

Case 3.16, Kronenberg Collection.

4.03.03.35 [FRENCH CLARENDON] cf. Hamilton: No. 116 (30 line); manufacturer and date unknown (no mark).

UC (does not include B, J, K, N, P, Q, R).

[see 4.03.03.36 for remaining characters in font].

Ref: Ham#14-1899, p. 39.

Case 3.15, Kronenberg Collection.

4.03.03.36 [FRENCH CLARENDON] cf. Hamilton: No. 116 (30 line); manufacturer and date unknown (no mark).

UC (includes only J, K, N, P, Q, R).

[see 4.03.03.35 for remaining characters in font].

Ref: Ham#14-1899, p. 39.

Case 3.07, Kronenberg Collection.

4.03.03.37 [FRENCH CLARENDON CONDENSED] cf. Hamilton: No. 24 (40 line); manufacturer and date unknown (no mark).

Figs. (complete).

Ref: Ham#14-1899, p. 37.

Case 3.09, Kronenberg Collection.

4.03.03.38 No. 156 (40 line); Hamilton Manufacturing Co., after 1891 (Ham-1).

UC, Figs. (includes only A, B, C, D, E, F, G, H, I).

[see 4.03.03.39 for remaining characters in font].

Ref: Ham#14-1899, p. 33.

Case 3.05, Kronenberg Collection.

4.03.03.39 No. 156 (40 line); Hamilton Manufacturing Co., after 1891 (no mark).

UC, Figs. (UC includes only N, O, P, S, T, U, V, W,).

[see 4.03.03.38 for remaining characters in font].

Ref: Page1890, p. 58.

Case 3.09, Kronenberg Collection.

4.03.03.40 [FRENCH CLARENDON CONDENSED] cf. Page: Egyptian Extra Condensed (50 line); manufacturer and date unknown (no mark).

UC (does not include E, R, S, T, U, V, W, X, Y, Z).

[see 4.03.03.41 for remaining characters in font].

Ref: Page1890, p. 79.

Case 2.06, Remington Collection.

4.03.03.41 [FRENCH CLARENDON CONDENSED] cf. Page: Egyptian Extra Condensed (50 line); manufacturer and date unknown (no mark).

UC, Figs. (UC includes only R, S, T, U, V, W, X, Y, Z).

[see 4.03.03.40 for remaining characters in font].

Ref: Page1890, p. 79.

Case 2.06, Remington Collection.

4.03.03.42 EGYPTIAN EXTRA CONDENSED (65 line); William H. Page & Co., 1870 or later (Page-3).

UC, Figs. (complete).

Ref: Page1890, p. 79.

Case 2.13, Remington Collection.

4.03.03.43 CHROMATIC FRENCH CLARENDON ORNAMENTED [first color—solid face] (12 line); William H. Page & Co., 1859 or later (Page-2).

UC (complete).

[designed to be printed with 4.03.03.44].

Ref: Page1874, no pp.

Case 2.02, Kronenberg Collection.

4.03.03.44 CHROMATIC FRENCH CLARENDON ORNAMENTED [second color—ornamented face] (12 line); William H. Page & Co., 1859 or later (Page-2).

UC (complete).

[designed to be printed with 4.03.03.43].

Ref: Page1874, no pp.

Case 2.02, Kronenberg Collection.

- 4.03.03.45 [FRENCH CLARENDON] (10 line); Hamilton Manufacturing Co., 1880-1889 (no mark).
 UC, LC, Figs. (does not include E, M, R).
 [Hamilton's "Holly Wood" veneer type; most, if not all of these characters are unusable because they are so fragile; this font is not shown in catalogue].
 Case 1.18.
- 4.03.03.46 FRENCH CLARENDON (10 line); William H. Page & Co., 1859 or later (Page-2).
 UC, LC, Figs. (Complete).
 Ref: Page1890, p. 56.
 Case 1.05.
- 4.03.04.01 ÆTNA CONDENSED (30 line); Morgans & Wilcox Mfg. Co., after 1881 (no mark).
 UC (does not include A, B, D, E, F, G, H, N, Z).
 [see 4.03.04.02 for remaining characters in font].
 Ref: M&W1888, p. 34.
 Case 3.12, Kronenberg Collection.
- 4.03.04.02 ÆTNA CONDENSED (30 line); Morgans & Wilcox Mfg. Co., after 1881 (M&W-1).
 UC (does not include M, P, Q, R, S, W, X).
 [see 4.03.04.01 for remaining characters in font].
 Ref: M&W1888, p. 34.
 Case 3.13, Kronenberg Collection.
- 4.03.04.03 [PAINTER'S ROMAN CONDENSED OPEN] cf. Heber Wells: Painter's Roman Condensed No. 1 (10 line); Heber Wells, 1890-1898 (HWells-1).
 UC, Figs. (complete).
 Ref: H.Wells1895, p. 36.
 Case 1.08.
- 4.03.05.01 [ANTIQUÉ TUSCAN] cf. Hamilton: No. 25 (4 line); manufacturer and date unknown (no mark).
 UC, Figs. (complete).
 Ref: Ham#14-1899, p. 71.
 Case 3.18, Miller Collection.
- 4.03.05.02 No. 15 (4 line); Hamilton Manufacturing Co., 1880-1889 (no mark).
 UC, Figs. (does not include Z, 1, 5).

[Hamilton's "Holly Wood" veneer type].

Ref: Chesman1888, p. 6.

Case 2.01.

4.03.05.03 [ANTIQUE TUSCAN EXPANDED] cf. Page: Antique Tuscan Expanded (4 line); manufacturer and date unknown (no mark).

UC (complete).

Ref: Page1890, p. 81.

Case 2.08, Remington Collection.

4.03.05.04 NO. 48 (6 line); Hamilton Manufacturing Co., 1880-1889 (no mark).

UC, Figs. (includes only B, D, F, G, J, K, O, W, 8, 9, 0).

[Hamilton's "Holly Wood" veneer type].

Ref: Chesman1888, p. 22.

Case 1.08.

4.03.05.05 NO. 25 (6 line); Hamilton Manufacturing Co., 1880-1889 (no mark).

UC, Figs. (complete).

[Hamilton's "Holly Wood" veneer type].

Ref: Chesman1888, p. 22.

Case 3.20, Miller Collection.

4.03.05.06 ANTIQUE TUSCAN DOUBLE EXTRA CONDENSED NO. 1 (8 line);

William H. Page & Co., 1857-1859 (Page-1).

UC, LC (complete; includes ff, fi, fl, ffi, ffi).

Ref: Page1890, p. 84.

Case 1.14, Miller Collection.

4.03.05.07 [ANTIQUE TUSCAN] cf. Page: Antique Tuscan Condensed (8 line); manufacturer and date unknown (no mark).

UC, LC (does not include A, B, D, F, M, Z, k; includes fi).

Ref: Page1890, p. 82.

Case 1.08.

4.03.05.08 ANTIQUE TUSCAN EXTRA CONDENSED (10 line); William H. Page & Co., 1859 or later (Page-2).

UC (does not include Q, V).

Ref: Page1890, p. 83.

Case 1.06.

4.03.05.09 [ANTIQUÉ TUSCAN CONDENSED] cf. Page: Antique Tuscan Extra Condensed (10 line); manufacturer and date unknown (no mark).
UC (does not include E, H, M, Z).
Ref: Page1890, p. 83.
Case 1.19.

4.03.05.10 [ANTIQUÉ TUSCAN] cf. Page: Antique Tuscan Condensed (12 line); manufacturer and date unknown (no mark).
UC (complete).
Ref: Page1890, p. 82.
Case 2.12, Remington Collection.

4.03.05.11 [ANTIQUÉ TUSCAN] cf. Page: Antique Tuscan Condensed (15 line); manufacturer and date unknown (no mark).
UC (complete).
Ref: Page1890, p. 82.
Case 2.12, Remington Collection.

4.03.05.12 [ANTIQUÉ TUSCAN] cf. Page: Antique Tuscan Condensed (27 line); manufacturer and date unknown (no mark).
UC, Figs. (UC includes only C, D, E, I, M, N, O, Q, V, Z, 4, 5, 9, 0).
Ref: Page1890, p. 82.
Case 1.14.

4.03.05.13 CHROMATIC ANTIQUÉ TUSCAN SHADE NOS. 1 & 2 (one color only) (6 line); William H. Page & Co., 1857-1859 (Page-1).
UC (does not include Z).
Ref: Page1874, no pp.
Case 2.12, Remington Collection.

4.03.05.14 CHROMATIC AMERICAN [one color only] (6 line); William H. Page & Co., 1857-1859 (Page-1).
UC (complete).
Ref: Page1874, no pp.
Case 2.12, Remington Collection.

4.03.05.15 [ANTIQUÉ TUSCAN OUTLINED] cf. Hamilton: No. 416 (8 line); manufacturer and date unknown (no mark).
UC (complete; includes Æ, Œ).
[same as Antique Tuscan Open, by Page & Co.].
Ref: Ham#16-1906, p. 221.
Case 2.11, Remington Collection.

4.04.01.01 DEVINNE (6 line); Morgans & Wilcox Mfg. Co., after 1881 (M&W-1).
UC, LC, Figs. (does not include K, N, X, g, k, q).
Ref: Kelly, p. 159.
Case 1.06.

4.04.01.02 [DEVINNE EXTRA CONDENSED] cf. Hamilton: No. 638 (8 line); manufacturer and date unknown (no mark).
UC, LC, Figs. (does not include j).
Ref: Ham#14-1899, p. 81.
Case 1.08.

4.04.01.03 [DEVINNE] cf. Hamilton: No. 627 (8 line); manufacturer and date unknown (no mark).
UC, LC, Figs. (does not include D, k, q, y).
[includes two styles each of M, S, s].
Ref: Ham#14-1899, p. 78.
Case 1.20.

4.04.01.04 [DEVINNE] cf. Hamilton: No. 627 (12 line); manufacturer and date unknown (no mark).
UC, Figs. (does not include A, B, D, K, M, P).
Ref: Ham#14-1899, p. 78.
Case 1.17.

4.04.01.05 [DEVINNE DOUBLE EXTRA CONDENSED] cf. Hamilton: No. 640 (15 line); manufacturer and date unknown (no mark).
UC, LC, Figs. (UC does not include D, G, H, J, K, P, Q, U, V, X, Y, Z; LC and Figs. include only a, b, e, i, m, n, o, s, 1, 2, 5).
Ref: Ham#14-1899, p. 82.
Case 2.02.

4.04.01.06 [DEVINNE ITALIC] cf. Hamilton: No. 632 (4 line); manufacturer and date unknown (no mark).
UC, LC, Figs. (complete).
Ref: Ham#14-1899, p. 83.
Case 1.11, Kronenberg Collection.

4.04.01.07 [ROMAN ITALIC] cf. Hamilton: No. 644 (12 line); manufacturer and date unknown (no mark).
UC, LC, Figs. (does not include D, K, Q, X, Z).

Ref: Ham#14-1899, p. 77.
Case 2.03.

4.04.01.08 NO. 634 (6 line); Hamilton Manufacturing Co., after 1891 (Ham-1).
UC, LC, Figs. (complete).
Ref: Ham#14-1899, p. 80.
Case 1.05.

4.04.01.09 NO. 640 (15 line); Hamilton Manufacturing Co., after 1891 (Ham-1).
UC, LC, Figs. (complete).
Ref: Ham#14-1899, p. 82.
Case 1.05

4.04.02.01 NO. 96 (3 line); Hamilton Manufacturing Co., 1880-1889 (no mark).
UC (complete).
[Hamilton's "Holly Wood" veneer type].
Ref: Chesman1888, p. 19.
Case 2.04, Miller Collection.

4.04.02.02 NO. 2089 (8 line); American Wood Type Co. (Conn), after 1883 (AWT-1).
UC, Figs. (complete).
Ref: AWT(Conn)-nd, no pp.
Case 2.18, Grastorf Collection.

4.04.02.03 NO. 2087 (10 line); American Wood Type Co. (Conn), after 1883 (AWT-1).
UC, LC, Figs. (complete; includes ff, fi, fl, ffi, ffi).
Ref: AWT(Conn)-nd, no pp.
Case 2.09, Remington Collection.

4.04.02.04 NO. 500 (12 line); William H. Page & Co., 1887-1891 (Page-4).
UC (does not include A, C, D, H, K, N, Q, T, X).
[Page's "New Process" die-cut type].
Ref: Golding-nd, p. 6.
Case 1.06.

4.04.02.05 NO. 506 (15 line); Hamilton Manufacturing Co., 1891-1906 (no mark).

UC, LC (includes only F, G, J, N, Q, S, V, W, X, a, f, h, j, m, q, t, x, y).
[Hamilton's "New Process" die-cut type].
Ref: Ham1892, p. 64.
Case 1.17.

4.04.03.01 No. 514 (8 line); Hamilton Manufacturing Co., 1891-1906 (no mark).
UC (complete).
[Hamilton's "New Process" die-cut type].
Ref: Ham1892, p. 103.
Case 2.02, Remington Collection.

4.05.01.01 No. 784, Goudy Extra Bold (12 line); Hamilton Manufacturing Co., after 1891 (Ham-1).
UC, Figs. (complete).
Ref: Ham#38-nd, p. 30.
Case 2.11, Remington Collection.

4.05.02.01 [ROMAN "ANTIQUED"] cf. Hamilton: No. 661, Plymouth (6 line); manufacturer and date unknown (no mark).
UC, LC, Figs. (complete).
[LC includes some alternate characters].
Ref: Ham#16-1906, p. 139.
Case 2.10, Remington Collection.

4.05.02.02 [COOPER BLACK CONDENSED] cf. Hamilton: No. 780 (8 line); manufacturer and date unknown (no mark).
UC, Figs. (complete).
Ref: Ham#38-nd, p. 26.
Case 2.18, Grastorf Collection.

4.05.02.03 [ROMAN] (25 line); manufacturer and date unknown (no mark)
Figs. (does not include 1, 3).
Case 3.20.

4.05.02.04 [ROMAN] (60 line); manufacturer and date unknown (no mark).
Figs. (does not include 3, 4, 6, 9).
Boxed, Kronenberg Collection.

4.05.02.05 [ROMAN] (60 line); manufacturer and date unknown (no mark).
UC, LC (includes only O, U, Y, u, o, q, y).
Boxed, Kronenberg Collection.

4.05.02.06 [ROMAN] (72 line); manufacturer and date unknown (no mark).
UC (includes only O, T, U, Y).
Boxed, Kronenberg Collection.

4.05.02.07 [ROMAN] (96 line); manufacturer and date unknown (no mark).
UC, LC (includes only E, I, K, N, O, U, V, X, Y, o, n, u, v, x, y).
Boxed, Kronenberg Collection.

4.06.01.01 [ANTIQUÉ TUSCAN] cf. Hamilton: No. 6025, Special (8 line);
manufacturer and date unknown (no mark).
UC (does not include H, J, Q, U, X, Z).
Ref: Ham#16-1906, p. 183.
Case 2.01.

4.06.01.02 NO. 59 (8 line); Hamilton Manufacturing Co., 1880-1889 (no
mark).
UC (includes only G, I, K, L, O, S, V, W, X, Y).
[Hamilton's "Holly Wood" veneer type].
Ref: Chesman1888, p. 16.
Case 1.08.

4.06.01.03 NO. 59 (20 line); Hamilton Manufacturing Co., 1880-1889 (no
mark).
UC (does not include A, R, X).
[Hamilton's "Holly Wood" veneer type].
Ref: Chesman1888, p. 16.
Case 1.13.

4.06.02.01 ANTIQUÉ TUSCAN NO. 11 (6 line); William H. Page & Co., 1857-
1859 (Page-1).
UC, LC, Figs. (complete; includes fi, ff, ffi, ffl).
Ref: Page1890, p. 92.
Case 1.13, Miller Collection.

4.06.02.02 ANTIQUÉ TUSCAN NO. 9 (10 line); William H. Page & Co., 1857-
1859 (Page-1).
UC, LC, Figs. (complete; includes ff, fi, fl, ffi, ffl).
Ref: Page1890, p. 91.
Case 2.11, Remington Collection.

4.06.02.03 [TUSCAN EXTRA CONDENSED] cf. Page: Antique Tuscan No. 9 (15
line); manufacturer and date unknown (no mark).

UC, LC, Figs. (complete; includes ff, fi, fl, ffi, ffl, Æ, Œ, æ, œ).

Ref: Page1890, p. 91.

Case 2.08, Remington Collection.

4.06.03.01 RUNIC EXPANDED (4 line); Vanderburgh, Wells & Co., 1867-1890 (VW&C-2).

UC, LC, Figs. (does not include J, N, o, l, 6, 9).

Ref: VW&C1877, no pp.

Case 3.20.

4.06.04.01 [ANTIQUÉ TUSCAN] cf. Hamilton: No. 323 (6 line); manufacturer and date unknown (no mark).

UC (includes only R, S, T, V, W, X, Y, Z).

Ref: Ham#14-1899, p. 74.

Case 1.19.

4.06.04.02 [ANTIQUÉ TUSCAN CONDENSED] cf. Hamilton: No. 321 (8 line); manufacturer and date unknown (no mark).

UC (does not include C, E, Q).

Ref: Ham#14-1899, p. 74.

Case 1.19.

4.06.05.01 [TUSCAN CONDENSED] cf. Page: Armenian (7 line); manufacturer and date unknown (no mark).

UC (includes only A, E, L, K, P, T, U, W, Y, Z).

Ref: Page1890, p. 83.

Case 2.02.

4.07.01.01 No. 515 (15 line); William H. Page & Co., 1887-1891 (Page-4).

UC (complete).

[Page's "New Process" die-cut type].

Ref: Golding-nd, p. 7.

Case 1.20, Miller Collection.

4.07.02.01 [GOTHIC TUSCAN] cf. Hamilton: No. 20 (8 line); manufacturer and date unknown (no mark).

UC (complete; includes Æ).

Ref: Ham#14-1899, p. 70.

Case 2.10, Remington Collection.

4.07.02.02 [GOTHIC TUSCAN CONDENSED] cf. Hamilton: No. 20 (10 line); manufacturer and date unknown (no mark).

UC, Figs. (complete).
Ref: Ham#14-1899, p. 70.
Case 2.04, Remington Collection.

4.07.03.01 ANTIQUE TUSCAN NO. 10 (10 line); William H. Page & Co., 1859 or later (Page-2).
UC (does not include B, C, D, G, H, I, K, N).
Ref: Page1859, no pp.
Case 1.18.

4.07.04.01 PERSIAN (10 line); Vanderburgh, Wells & Co., 1867-1890 (VW&C-2).
UC (does not include O).
Ref: VW&Co1877, no pp.
Case 2.10, Remington Collection.

4.07.05.01 GOTHIC TUSCAN NO. 3 (6 line); William H. Page & Co., 1857-1859 (Page-1).
UC, LC (complete; includes ff, fi, fl, ffi, ffl).
Ref: Page1890, p. 88.
Case 3.20, Miller Collection.

5.01.01.01 GOTHIC CONDENSED NO. 5 (4 line); Vanderburgh, Wells & Co., 1867-1890 (VW&C-2).
UC (does not include L, N).
Ref: VW&Co1877, no pp.
Case 2.08, Remington Collection.

5.01.01.02 GOTHIC EXTRA CONDENSED LIGHT FACE (5 line); Morgans & Wilcox Mfg. Co., after 1881 (M&W-1).
UC, LC, Figs. (does not include q; includes ff, fi, fl, ffi, ffl).
Ref: M&W1888, p. 40.
Case 1.13.

5.01.01.03 NO. 6243, PLAIN GOTHIC (5 line); Hamilton Manufacturing Co., after 1891 (Ham-1).
UC (does not include B, D, J, M, Q, W, X, Z).
Ref: Ham#38-nd, p. 4.
Case 1.10.

5.01.01.04 NO. 4050, Plain Gothic (5 line); Hamilton Manufacturing Co., after 1891 (Ham-1).

UC, Figs. (complete).
Ref: Ham#38-nd, p. 4.
Case 1.10.

5.01.01.05 [GOTHIC EXPANDED] cf. Hamilton: No. 5071 (5 line);
manufacturer and date unknown (no mark).
UC, Figs. (complete).
Ref: Ham#38-nd, p. 7.
Case 1.13, Kronenberg Collection.

5.01.01.06 NO. 4006, Plain Gothic (6 line); Hamilton Manufacturing Co.,
after 1891 (Ham-1).
UC, Figs. (complete).
Ref: Ham#38-nd, p. 2.
Case 1.07, Miller Collection.

5.01.01.07 NO. 4006, Plain Gothic (6 line); Hamilton Manufacturing Co.,
after 1891 (Ham-1).
UC, Figs. (does not include N, U, X).
Ref: Ham#38-nd, p. 2.
Case 1.18.

5.01.01.08 [GOTHIC CONDENSED] cf. Hamilton, No. 6243 (6 line);
manufacturer and date unknown (no mark).
UC (complete).
[This font appears to be hand carved].
Ref: Ham#38-nd, p. 4.
Case 1.08, Miller Collection.

5.01.01.09 NO. 22 [GOTHIC CONDENSED], cf. Hamilton: No. 6243 (6 line);
Empire Type Foundry (Delevan, NY), 1918-1924 (Empire-1).
UC, LC, Figs. (complete).
Ref: Ham#38-nd, p. 4.
Case 3.02, Grastorf Collection.

5.01.01.10 NO. 6243, PLAIN GOTHIC (6 line); Hamilton Manufacturing Co.,
after 1891 (Ham-1).
UC, LC, Figs. (does not include q; includes ff, fi, fl, ffi, ffl).
Ref: Ham#38-nd, p. 4.
Case 3.03.

5.01.01.11 [GOTHIC] cf. Hamilton: No. 5069 (6 line); manufacturer and date unknown (no mark).

UC (complete).

Ref: Ham#38-nd, p. 5.

Case 2.03, Miller Collection.

5.01.01.12 NO. 5072, PLAIN GOTHIC (6 line); Hamilton Manufacturing Co., after 1891 (Ham-1).

UC (complete).

[see 5.01.01.13 for Figs.].

Ref: Ham#38-nd, p. 8.

Case 3.18, Miller Collection.

5.01.01.13 NO. 5072, PLAIN GOTHIC (6 line); Hamilton Manufacturing Co., after 1891 (no mark).

Figs. (complete).

[see 5.01.01.12 for UC].

Ref: Ham#38-nd, p. 8.

Case 1.07, Miller Collection.

5.01.01.14 [GOTHIC EXTRA CONDENSED] cf. Hamilton: No. 266 (7 line); manufacturer and date unknown (no mark).

UC (does not include M, Q).

[This font appears to be hand carved].

Ref: Ham#38-nd, p. 3.

Case 1.08, Miller Collection.

5.01.01.15 GOTHIC EXTRA CONDENSED (7 line); William H. Page & Co., 1857-1859 (Page-1).

UC (does not include H, O, Q, X).

Ref: Page1890, p. 40.

Case 1.06.

5.01.01.16 [GOTHIC EXTRA CONDENSED] cf. Hamilton: No. 81 (8 line); manufacturer and date unknown (no mark).

UC (complete).

Ref: Ham#38-nd, p. 2.

Case 1.07, Miller Collection.

5.01.01.17 NO. 4006, PLAIN GOTHIC (8 line); Hamilton Manufacturing Co., after 1891 (Ham-1).

UC, LC, Figs. (complete).

Ref: Ham#38-nd, p. 2.
Case 2.18, Grastorf Collection.

5.01.01.18 [GOTHIC CONDENSED] cf. Hamilton: No. 6243 (8 line)
manufacturer and date unknown (no mark).
UC, LC (does not include E, I, R, a, b, e, h, l, m, n, o, p, t, u, x).
[there are wood, celluloid, & stereotyped letters all mixed together here—at least
two similar fonts].
Ref: Ham#38-nd, p. 4.
Case 1.17.

5.01.01.19 [GOTHIC CONDENSED] cf. AWT(LI): Newstype (8 line);
manufacturer and date unknown (no mark).
UC, Figs. (complete).
Ref: AWT(LI)-1958, p. 20.
Case 3.03.

5.01.01.20 No. 6243, PLAIN GOTHIC (8 line); Hamilton Manufacturing Co.,
after 1891 (Ham-1).
UC, LC, Figs. (LC includes only a, e, h, i, m, n, o, r, s, t).
[may include two or more very similar fonts].
Ref: Ham#38-nd, p. 4.
Case 1.11.

5.01.01.21 GOTHIC CONDENSED No. 5 (8 line); Vanderburgh, Wells & Co.,
1867-1890 (VW&C-2).
UC (does not include Q).
Ref: VW&Co1877, no pp.
Case 2.18, Grastorf Collection.

5.01.01.22 No. 5072, PLAIN GOTHIC (8 line); Hamilton Manufacturing Co.,
after 1891 (Ham-1).
UC (complete).
Ref: Ham#38-nd, p. 8.
Case 3.18, Miller Collection.

5.01.01.23 No. 81 (10 line); Hamilton Manufacturing Co., 1880-1889 (no
mark).
UC (does not include Q).
[Hamilton's "Holly Wood" veneer type].
Ref: Chesman1888, p. 8.
Case 1.20, Miller Collection.

5.01.01.24 [GOTHIC EXTRA CONDENSED] cf. Hamilton: No. 4006 (10 line);
manufacturer and date unknown (no mark).
UC, Figs. (does not include A, C, M, N, R, T).
Ref: Ham#38-nd, p. 2.
Case 1.07.

5.01.01.25 [GOTHIC CONDENSED] cf. AWT(LI): Newstype (10 line);
manufacturer and date unknown (no mark).
UC, Figs. (complete).
Ref: AWT(LI)-1958, p. 20.
Case 3.04.

5.01.01.26 No. 6243, PLAIN GOTHIC (10 line); Hamilton Manufacturing Co.,
after 1891 (Ham-1).
UC, LC, Figs. (complete).
Ref: Ham#38-nd, p. 4.
Case 2.17, Grastorf Collection.

5.01.01.27 No. 6011, PLAIN GOTHIC (10 line); Hamilton Manufacturing Co.,
after 1891 (Ham-1).
UC (complete).
Ref: Ham#38-nd, p. 6.
Case 3.18, Miller Collection.

5.01.01.28 [GOTHIC] cf. Hamilton: No. 5072 (10 line); manufacturer and date
unknown (no mark).
UC (complete; includes Æ).
Ref: Ham#38-nd, p. 8.
Case 1.11.

5.01.01.29 [GOTHIC EXTRA CONDENSED] cf. Hamilton: No. 81 (12 line);
manufacturer and date unknown (no mark).
UC, Figs. (complete).
Ref: Ham#38-nd, p. 2.
Case 2.17, Grastorf Collection.

5.01.01.30 No. 20 [GOTHIC CONDENSED], cf. Hamilton: No. 81 (12 line);
Empire Type Foundry (Delevan, NY), 1918-1924 (Empire-1).
UC (complete).
Ref: Ham#38-nd, p. 2.
Case 1.07, Miller Collection.

5.01.01.31 No. 266, PLAIN GOTHIC (12 line); Hamilton Manufacturing Co., after 1891 (Ham-1).
UC, Figs. (complete).
Ref: Ham#38-nd, p. 3
Case 3.04.

5.01.01.32 [GOTHIC CONDENSED] cf. AWT(LI): Newstype (12 line); manufacturer and date unknown (no mark).
UC, Figs. (complete).
Ref: AWT(LI)-1958, p. 20.
Case 3.04, Kronenberg Collection.

5.01.01.33 GOTHIC CONDENSED No. 5 (12 line); Vanderburgh, Wells & Co., 1867-1890 (VW&C-2).
UC (complete).
Ref: VW&Co1877, no pp.
Case 2.16, Grastorf Collection.

5.01.01.34 GOTHIC EXTRA CONDENSED No. 1 (14 line); Vanderburgh, Wells & Co., 1867-1890 (VW&C-2).
UC, Figs. (does not include M, 5).
Ref: VW&Co1877, no pp.
Case 1.07, Kronenberg Collection.

5.01.01.35 [GOTHIC EXTRA CONDENSED] cf. Hamilton: No. 81 (15 line); manufacturer and date unknown (no mark).
UC, Figs. (does not include I).
Ref: Ham#38-nd, p. 2.
Case 3.03, Grastorf Collection.

5.01.01.36 [GOTHIC EXTRA CONDENSED] cf. Hamilton: No. 4006 (15 line); manufacturer and date unknown (no mark).
UC, LC (UC includes only B, C, J, K, S, V, Y, a, x).
Ref: Ham#38-nd, p. 2.
Case 1.18.

5.01.01.37 No. 4006, PLAIN GOTHIC (15 line); Hamilton Manufacturing Co., after 1891 (Ham-1).
UC (complete).
[see also 5.01.01.38].
Ref: Ham#38-nd, p. 2.
Case 3.03, Grastorf Collection.

5.01.01.38 NO. 4006, PLAIN GOTHIC (15 line); Hamilton Manufacturing Co.,
after 1891 (no mark).
Figs. (complete).
[see also 5.01.01.37].
Ref: Ham#38-nd, p. 2.
Case 3.03, Grastorf Collection.

5.01.01.39 NO. 2066 (15 line); American Wood Type Co. (Conn), after 1883
(AWT-1).
UC, Figs. (does not include M, P).
Ref: AWT(Conn)-nd, no pp.
Case 3.03, Grastorf Collection.

5.01.01.40 NO. 4045, PLAIN GOTHIC (15 line); Hamilton Manufacturing Co.,
after 1891 (Ham-1).
UC (does not include W, X, Y, Z).
[see 5.01.01.41 for remaining characters in font].
Ref: Ham#38-nd, p. 6.
Case 2.19, Grastorf Collection.

5.01.01.41 NO. 4045, PLAIN GOTHIC (15 line); Hamilton Manufacturing Co.,
after 1891 (no mark).
UC, Figs. (UC includes only V, W, X, Y, Z).
[see 5.01.01.40 for remaining characters in font].
Ref: Ham#38-nd, p. 6.
Case 2.19, Grastorf Collection.

5.01.01.42 NO. 6011, PLAIN GOTHIC (15 line); Hamilton Manufacturing Co.,
after 1891 (Ham-1).
UC (complete).
[see also 5.01.01.43].
Ref: Ham#38-nd, p. 6.
Case 3.04.

5.01.01.43 NO. 6011, PLAIN GOTHIC (15 line); Hamilton Manufacturing Co.,
after 1891 (no mark).
Figs. (complete).
[see also 5.01.01.42].
Ref: Ham#38-nd, p. 6.
Case 3.04.

5.01.01.44 No. 2064 (15 line); American Wood Type Co., date unknown (AWT-2).

Figs. (complete).

Ref: AWT(Conn)-nd, no pp.

Case 1.07.

5.01.01.45 GOTHIC EXTRA CONDENSED (18 line); William H. Page & Co., 1870 or later (Page-3).

UC (complete).

Ref: Page1890, p. 40.

Case 1.15, Kronenberg Collection.

5.01.01.46 No. 4006, PLAIN GOTHIC (20 line); Hamilton Manufacturing Co., after 1891 (Ham-1).

UC (complete).

[see also 5.01.01.47].

Ref: Ham#38-nd, p. 2.

Case 2.19, Grastorf Collection.

5.01.01.47 No. 4006, PLAIN GOTHIC (20 line); Hamilton Manufacturing Co., after 1891 (no mark).

Figs. (complete).

[see also 5.01.01.46].

Ref: Ham#38-nd, p. 2.

Case 2.19, Grastorf Collection.

5.01.01.48 [GOTHIC CONDENSED] cf. Hamilton: No. 6243 (20 line); manufacturer and date unknown (no mark).

UC, Figs. (includes only F, G, J, N, O, P, Q, W, Z, 1, 7).

Ref: Ham#38-nd, p. 4.

Case 1.18.

5.01.01.49 GOTHIC CONDENSED LIGHT FACE (20 line); William H. Page & Co., 1857-1859 (Page-1).

UC (does not include I, K, Q).

Ref: Page1890, pp.45-46.

Case 3.01, Grastorf Collection.

5.01.01.50 [GOTHIC EXTRA CONDENSED] cf. Hamilton: No. 81 (25 line); manufacturer and date unknown (no mark).

UC (does not include Q).

Ref: Ham#38-nd, p. 2.
Case 3.18, Miller Collection.

5.01.01.51 [GOTHIC EXTRA CONDENSED] cf. Hamilton: No. 26 (30 line);
manufacturer and date unknown (no mark).
Figs. (complete).
Ref: Ham#38-nd, p. 3.
Case 1.06.

5.01.01.52 DORIC GOTHIC ITALIC, No. 2273 (5 line); Tubbs & Company,
circa 1900 (Tubbs-1).
UC, LC, Figs. (does not include P, q).
Ref: Ham1918, p. 61.
Case 1.15, Kronenberg Collection.

5.01.01.53 [GOTHIC MODULATED OUTLINE] (6 line); manufacturer and date
unknown (no mark).
Figs. (complete).
[these are all stereotypes].
Case 1.18.

5.01.01.54 [GOTHIC] (202 line); manufacturer and date unknown (no mark).
Figs. (does not include 1).
[not shown in catalogue].
Boxed, Kronenberg Collection.

5.01.02.01 [GOTHIC CONDENSED] cf. Hamilton: No 720, Unit Gothic (5 line);
manufacturer and date unknown (no mark).
UC, LC (does not include j, k, y).
Ref: Ham#38-nd, p. 19.
Case 1.10.

5.01.02.02 No. 722, UNIT GOTHIC (12 line); Hamilton Manufacturing Co.,
after 1891 (Ham-1).
UC, Figs. (complete).
Ref: Ham#38-nd, p. 20.
Case 2.17, Grastorf Collection.

5.01.03.01 [GOTHIC] cf. AWT(LI): Mode Medium (6 line); manufacturer and
date unknown (no mark).
UC, LC, Figs. (does not include g, j, p, q, y).

Ref: AWT(LI)-1958, p. 22.
Case 3.02.

5.01.03.02 [GOTHIC] cf. AWT(LI): Mode Medium (8 line); manufacturer and date unknown (no mark).
UC (complete).
Ref: AWT(LI)-1958, p. 22.
Case 3.02.

5.01.04.01 [ANGLED GOTHIC] cf. Hamilton: No. 3080 (5 line); manufacturer and date unknown (no mark).
UC, Figs. (complete).
Ref: Ham#16-1906, p. 114.
Case 1.20.

5.01.04.02 [ANGLED GOTHIC] cf. Hamilton: No.3080 (6 line); manufacturer and date unknown (no mark).
UC, Figs. (does not include K, I).
Ref: Ham#16-1906, p. 114.
Case 2.08, Remington Collection.

5.01.04.03 [ANGLED GOTHIC CONDENSED] cf. Hamilton: No. 3080 (30 line); manufacturer and date unknown (no mark).
UC (does not include S, T, U, V, W, X, Y, Z).
[see 5.01.04.04 & 5.01.04.05 for remaining characters in font].
Ref: Ham#16-1906, p. 114.
Case 3.01, Grastorf Collection.

5.01.04.04 [ANGLED GOTHIC CONDENSED] cf. Hamilton: No. 3080 (30 line); manufacturer and date unknown (no mark).
UC, Figs. (UC includes only R, S, T, U, V, W, X, Y, Z).
[see 5.01.04.03 & 5.01.04.05 for remaining characters in font].
Ref: Ham#16-1906, p. 114.
Case 3.01, Grastorf Collection.

5.01.04.05 [ANGLED GOTHIC CONDENSED] cf. Hamilton: No. 3080 (30 line); manufacturer and date unknown (no mark).
UC (includes only C, L, M, N, O, P, Q, S, T, U, V, W, Y).
[see 5.01.04.03 & 5.01.04.04 for remaining characters in font].
Ref: Ham#16-1906, p. 114.
Case 3.02, Grastorf Collection.

5.02.01.01 [ROUNDED GOTHIC] cf. Page: Gothic Round (4 line); manufacturer and date unknown (no mark).

UC, LC, Figs. (does not include r; includes ff, fi, fl, ffi, ffi).

Ref: Page1890, p. 43.

Case 2.08, Remington Collection.

5.02.01.02 [ROUNDED GOTHIC] cf. Page: Gothic Round (7 line); J. G. Cooley, 1859-1868 (Cooley-1).

UC (complete).

Ref: Page1890, p. 43.

Case 2.18, Grastorf Collection.

5.02.01.03 [ROUNDED GOTHIC] cf. Page: Gothic Round (10 line); J.G. Cooley, 1859-1868 (Cooley-1).

UC (complete).

Ref: Page1890, p. 43.

Case 2.10, Remington Collection.

5.02.01.04 [ROUNDED GOTHIC] cf. Page: Gothic Round (10 line); manufacturer and date unknown (no mark).

UC (includes only F, I, J, K, L, N, P, S, U, V, W, Z).

Ref: Page1890, p. 43.

Case 1.15.

5.03.01.01 No. 507 (5 line); William H. Page & Co., 1887-1891 (Page-4).

UC, Figs. (complete; includes £).

[Page's "New Process" die-cut type].

Ref: Golding-nd, p. 4.

Case 1.08, Miller Collection.

5.03.01.02 No. 509 (6 line); William H. Page & Co., 1887-1891 (Page-4).

UC (does not include J, X).

[Page's "New Process" die-cut type; see also 5.03.01.03].

Ref: Golding-nd, p. 6.

Case 1.13.

5.03.01.03 No. 509 (6 line); William H. Page & Co., 1887-1891 (Page-4).

Figs. (complete).

[Page's "New Process" die-cut type; see also 5.03.01.02].

Ref: Golding-nd, p. 4.

Case 1.13.

5.03.01.04 No. 507 (8 line); Hamilton Manufacturing Co., 1891-1906 (no mark).
UC, LC, Figs. (does not include E, H, K, M, N, O, R, T, V, X, a, b, j, l, n, o, y;
Figs. include only 4, 5, 6, 9).
[Hamilton's "New Process" die-cut type].
Ref: Ham1892, p. 68.
Case 1.18.

5.03.01.05 No.508 (12 line); Hamilton Manufacturing Co., 1891-1906 (no mark).
UC (does not include Q).
[Hamilton's "New Process" die-cut type].
Ref: Ham1892, p. 72.
Case 3.18, Miller Collection.

5.03.01.06 No. 507 (12 line); William H. Page & Co., 1887-1891 (Page-4).
UC, LC, Figs. (includes only C, F, I, J, M, O, S, V, Y, d, l, o, u, 1).
[Page's "New Process" die-cut type].
Ref: Golding-nd, p. 4.
Case 2.02.

5.03.02.01 GOTHIC TUSCAN (8 line); William H. Page & Co., 1857-1859 (Page-1).
UC (includes only B, C, F, G, I, J, K, P, R, S, U).
Ref: Page1890, p. 85.
Case 1.08.

5.03.02.02 GOTHIC TUSCAN (9 line); William H. Page & Co., 1857-1859 (Page-1).
UC (does not include Q).
Ref: Page1890, p. 85.
Case 3.17, Miller Collection.

5.03.02.03 ORNATE (8 line); William H. Page & Co., 1857-1859 (Page-1).
UC (complete).
Ref: Page1874, no pp.
Case 2.12, Remington Collection.

5.03.02.04 [GOTHIC TUSCAN OUTLINED] cf. Hamilton: No. 412 (9 line);
manufacturer and date unknown (no mark).
UC (includes only A, E, G, H, I, N, P, S, T).

Ref: Ham#14-1899, p. 102.

Case 2.02.

5.03.02.05 ORNATE NO. 2 (12 line); William H. Page & Co., 1857-1859
(Page-1).

UC (complete).

Ref: Page1874, no pp.

Case 2.04, Remington Collection.

6.01.01.01 [SCRIPT] cf. Hamilton: Kaufman Bold, No. 831 (4 line);
manufacturer and date unknown (no mark).

UC, LC, Figs.(complete).

Ref: Ham#38-nd., p. 53.

Case 3.10, donated by Ray Czapkowski.

7.01.01.01 [ORNAMENTED] cf. Hamilton: No. 227 (6 line); manufacturer and
date unknown (no mark).

UC (complete).

Ref: Ham#14-1899, p. 89.

Case 2.10, Remington Collection.

MANUFACTURER LIST

AMERICAN WOOD TYPE CO.:

No. 2064
5.01.01.44

AMERICAN WOOD TYPE CO. (CONN.):

No. 2044
4.02.01.12

No. 2066
5.01.01.39

No. 2087
4.04.02.03

No. 2089
4.04.02.02

No. 2117
4.03.03.23

No. 2158
4.01.02.01

CELLULOID STEREOTYPE CO.:

[ÆTNA CONDENSED]
4.01.04.03

[CLARENDON CONDENSED]
4.03.01.13

[FRENCH CLARENDON]
4.03.03.05

EMPIRE TYPE FOUNDRY (DELEVAN, NY):

No. 20 [GOTHIC CONDENSED]
5.01.01.30

No. 22 [GOTHIC CONDENSED]
5.01.01.09

No. 98 [CHELTENHAM]
4.03.02.01
4.03.02.02

HAMILTON MANUFACTURING CO.:

[ANTIQUE CONDENSED]
4.03.03.22

[FRENCH CLARENDON]
4.03.03.45

No. 15
4.03.05.02

No. 22
4.03.01.03

No. 24
4.03.03.14
4.03.03.22
4.03.03.27

No. 25
4.03.05.05

No. 37
4.03.03.33
4.03.03.34

No. 48
4.03.05.04

No. 51
4.02.01.04
4.02.01.03

No. 55
4.02.03.02
4.02.03.09
4.02.03.10

No. 59
4.06.01.02
4.06.01.03

No. 69
4.03.03.29
4.03.03.17
4.03.03.30
4.03.03.31

No. 81
5.01.01.23

No. 96
4.04.02.01

No. 154
4.03.03.18
4.03.03.19

No. 156
4.03.03.38
4.03.03.39

No. 266, PLAIN GOTHIC
5.01.01.31

No. 506
4.04.02.05

No. 507
5.03.01.04

No. 508
5.03.01.05

No. 514
4.04.03.01

No. 634
4.04.01.08

No. 640
4.04.01.09

No. 696
4.03.02.05

No. 722, UNIT GOTHIC
5.01.02.02

No. 784, GOUDY EXTRA BOLD
4.05.01.01

No. 4006, PLAIN GOTHIC
5.01.01.06
5.01.01.07
5.01.01.17
5.01.01.37
5.01.01.38
5.01.01.46
5.01.01.47

No. 4045, PLAIN GOTHIC
5.01.01.40
5.01.01.41

No. 4050, PLAIN GOTHIC
5.01.01.04

No. 5072, PLAIN GOTHIC
5.01.01.12
5.01.01.13
5.01.01.22

No. 6011, PLAIN GOTHIC
5.01.01.27
5.01.01.42
5.01.01.43

No. 6243, PLAIN GOTHIC
5.01.01.03
5.01.01.10
5.01.01.20
5.01.01.26

HEBER WELLS:

[PAINTER'S ROMAN CONDENSED OPEN]
4.03.04.03

J. G. COOLEY:

[ANTIQUA EXTRA CONDENSED]
4.02.01.26

[GRECIAN CONDENSED]
4.02.02.02

[ROUNDED GOTHIC]
5.02.01.02
5.02.01.03

MORGANS & WILCOX MFG. CO.:

ÆTNA CONDENSED
4.03.04.01
4.03.04.02

ALDINE EXPANDED
4.03.03.10

DEVINNE
4.04.01.01

FRENCH ANTIQUE NO. 1
4.02.03.03

[FRENCH CLARENDON CONDENSED]
4.03.03.06

FRENCH CLARENDON TREBLE EXTRA CONDENSED
4.03.03.13

GOthic EXTRA CONDENSED LIGHT FACE
5.01.01.02

TUBBS & COMPANY:

DORIC GOTHIC ITALIC, NO. 2273
5.01.01.52

VANDEBURGH, WELLS & CO.:

ANTIQUÉ DOUBLE EXTRA CONDENSED NO. 2
4.02.01.08

ANTIQUÉ EXTENDED
4.02.01.06

CLARENDON CONDENSED NO. 1
4.03.01.07

CLARENDON CONDENSED NO. 2
4.03.01.18

CLARENDON DOUBLE EXTRA CONDENSED

4.03.01.06

4.03.01.25

4.03.01.29

4.03.01.30

CLARENDON EXTENDED

4.03.01.02

4.03.01.15

CLARENDON ITALIAN

4.03.01.27

4.03.01.28

EGYPTIAN

4.02.03.01

EGYPTIAN CONDENSED

4.03.03.03

4.03.03.07

FRENCH CLARENDON

4.03.03.04

4.03.03.11

GOTHIC CONDENSED No. 5

5.01.01.01

5.01.01.21

5.01.01.33

GOTHIC EXTRA CONDENSED No. 1

5.01.01.34

IONIC

4.03.01.11

[IONIC OBLIQUE]

4.03.01.31

PAINTERS' ROMAN

4.01.04.02

PAINTERS' ROMAN CONDENSED
4.01.04.04

PERSIAN
4.07.04.01

RUNIC EXPANDED
4.06.03.01

YORKALDINE
4.03.03.08

WILLIAM H. PAGE & CO.:

ANTIQUE
4.02.01.23
4.02.01.24
4.02.01.25

ANTIQUE DOUBLE EXTRA CONDENSED
4.02.01.20

ANTIQUE EXTENDED
4.02.01.16

ANTIQUE EXTRA CONDENSED
4.02.01.15
4.02.01.21

ANTIQUE EXTRA CONDENSED No. 3
4.02.01.17

ANTIQUE TUSCAN DOUBLE EXTRA CONDENSED No. 1
4.03.05.06

ANTIQUE TUSCAN EXTRA CONDENSED
4.03.05.08

ANTIQUE TUSCAN NO. 9
4.06.02.02

ANTIQUE TUSCAN NO. 10
4.07.03.01

ANTIQUE TUSCAN NO. 11
4.06.02.01

CHROMATIC AMERICAN [ONE COLOR ONLY]
4.03.05.14

CHROMATIC ANTIQUE TUSCAN SHADE NOS. 1 & 2 [ONE COLOR ONLY]
4.03.05.13

CHROMATIC FRENCH CLARENDON ORNAMENTED
4.03.03.43 [FIRST COLOR—SOLID FACE]
4.03.03.44 [SECOND COLOR—ORNAMENTED FACE]

CLARENDON CONDENSED
4.03.01.09
4.03.01.21
4.03.01.22

CLARENDON CONDENSED (?)
4.03.01.14

CLARENDON DOUBLE EXTRA CONDENSED
4.03.01.16

CLARENDON EXTENDED
4.03.01.04

EGYPTIAN
4.03.03.20

EGYPTIAN EXTRA CONDENSED
4.03.03.42

FRENCH ANTIQUE
4.02.03.05
4.02.03.06

FRENCH CLARENDON
4.03.03.46

GOTHIC CONDENSED LIGHT FACE
5.01.01.49

GOTHIC EXTRA CONDENSED
5.01.01.15
5.01.01.45

GOTHIC TUSCAN
5.03.02.01
5.03.02.02

GOTHIC TUSCAN No. 3
4.07.05.01

No. 500
4.04.02.04

No. 502
4.03.03.15

No. 507
5.03.01.01
5.03.01.06

No. 509
5.03.01.03
5.03.01.02

No. 515
4.07.01.01

NORWICH ALDINE
4.03.03.12

OLD STYLE CONDENSED
4.01.03.02

ORNATE
5.03.02.03

ORNATE NO. 2
5.03.02.05

ROMAN EXTRA CONDENSED
4.01.01.14

TYPEFACE NAME LIST

Descriptive names have been assigned to those fonts in the collection for which the original manufacturer's name has not been determined. These descriptive names are shown in brackets, followed by a reference to a manufacturer with a typeface which closely resembles the one shown here.

[ÆTNA] cf. Hamilton: No. 62
4.01.04.01

[ÆTNA CONDENSED] (Celluloid Stereotype Co.)
4.01.04.03

ÆTNA CONDENSED (Morgans & Wilcox Mfg. Co.)
4.03.04.01
4.03.04.02

ALDINE EXPANDED (Morgans & Wilcox Mfg. Co.)
4.03.03.10

[ANGLED GOTHIC] cf. Hamilton: No. 3080
5.01.04.01
5.01.04.02

[ANGLED GOTHIC CONDENSED] cf. Hamilton: No. 3080
5.01.04.03
5.01.04.04
5.01.04.05

[ANTIQUE] cf. Hamilton: No. 87
4.02.01.22

[ANTIQUE] cf. Hamilton: No. 178
4.02.01.19

[ANTIQUE] cf. Hamilton: No. 5013
4.02.01.10

[ANTIQUE] cf. Page: Antique No. 4
4.02.01.18

ANTIQUE (William H. Page & Co.)

4.02.01.23

4.02.01.24

4.02.01.25

[ANTIQUE CONDENSED] cf. Hamilton: No. 87

4.02.01.07

4.02.01.09

4.02.01.14

4.02.01.13

[ANTIQUE CONDENSED] (Hamilton Manufacturing Co.)

4.03.03.22

ANTIQUE DOUBLE EXTRA CONDENSED (William H. Page & Co.)

4.02.01.20

ANTIQUE DOUBLE EXTRA CONDENSED No. 2 (Vanderburgh, Wells & Co.)

4.02.01.08

[ANTIQUE EXTENDED] cf. Hamilton: No. 77

4.02.01.11

[ANTIQUE EXTENDED] cf. Hamilton: No. 254

4.02.01.05

[ANTIQUE EXTENDED] cf. M&W: Antique Extended

4.02.01.01

4.02.01.02

ANTIQUE EXTENDED (Vanderburgh, Wells & Co.)

4.02.01.06

ANTIQUE EXTENDED (William H. Page & Co.)

4.02.01.16

[ANTIQUE EXTRA CONDENSED] (J. G. Cooley)

4.02.01.26

ANTIQUE EXTRA CONDENSED (William H. Page & Co.)

4.02.01.15

4.02.01.21

ANTIQUE EXTRA CONDENSED NO. 3 (William H. Page & Co.)
4.02.01.17

[ANTIQUE TUSCAN] cf. Hamilton: No. 25
4.03.05.01

[ANTIQUE TUSCAN] cf. Hamilton: No. 323
4.06.04.01

[ANTIQUE TUSCAN] cf. Hamilton: No. 6025, Special
4.06.01.01

[ANTIQUE TUSCAN] cf. Page: Antique Tuscan Condensed
4.03.05.07
4.03.05.10
4.03.05.11
4.03.05.12

[ANTIQUE TUSCAN CONDENSED] cf. Hamilton: No. 321
4.06.04.02

[ANTIQUE TUSCAN CONDENSED] cf. Page: Antique Tuscan Extra Condensed
4.03.05.09

ANTIQUE TUSCAN DOUBLE EXTRA CONDENSED NO. 1 (William H. Page &
Co.)
4.03.05.06

[ANTIQUE TUSCAN EXPANDED] cf. Page: Antique Tuscan Expanded
4.03.05.03

ANTIQUE TUSCAN EXTRA CONDENSED (William H. Page & Co.)
4.03.05.08

ANTIQUE TUSCAN NO. 9 (William H. Page & Co.)
4.06.02.02

ANTIQUE TUSCAN NO. 10 (William H. Page & Co.)
4.07.03.01

ANTIQUE TUSCAN NO. 11 (William H. Page & Co.)
4.06.02.01

[ANTIQUE TUSCAN OUTLINED] cf. Hamilton: No. 416
4.03.05.15

[BLACKLETTER] cf. Hamilton: No. 613
3.01.01.01

[CHELTENHAM BOLD CONDENSED] cf. Hamilton: No. 706
4.03.02.03
4.03.02.04

CHROMATIC AMERICAN [one color only] (William H. Page & Co.)
4.03.05.14

CHROMATIC ANTIQUE TUSCAN SHADE NOS. 1 & 2 [one color only] (William
H. Page & Co.)
4.03.05.13

CHROMATIC FRENCH CLARENDON ORNAMENTED (William H. Page & Co.)
4.03.03.43 [first color—solid face]
4.03.03.44 [second color—ornamented face]

[CLARENDON] cf. Hamilton: No. 22
4.03.01.05
4.03.01.10

[CLARENDON] cf. Hamilton: No. 23
4.03.01.23
4.03.01.24

[CLARENDON] cf. Hamilton: No. 155
4.03.01.12

[CLARENDON] cf. Hamilton: No. 5031
4.03.01.26

[CLARENDON CONDENSED] (Celluloid Stereotype Co.)
4.03.01.13

[CLARENDON CONDENSED] cf. Hamilton: No. 105
4.03.01.08
4.03.01.19

[CLARENDON CONDENSED] cf. Hamilton: No. 153
4.03.01.17

[CLARENDON CONDENSED] cf. Page: Clarendon
4.03.01.01

CLARENDON CONDENSED (William H. Page & Co.)
4.03.01.09
4.03.01.14 [?]
4.03.01.21
4.03.01.22

CLARENDON CONDENSED NO. 1 (Vanderburgh, Wells & Co.)
4.03.01.07

CLARENDON CONDENSED NO. 2 (Vanderburgh, Wells & Co.)
4.03.01.18

CLARENDON DOUBLE EXTRA CONDENSED (Vanderburgh, Wells & Co.)
4.03.01.06
4.03.01.25
4.03.01.29
4.03.01.30

CLARENDON DOUBLE EXTRA CONDENSED (William H. Page & Co.)
4.03.01.16

CLARENDON EXTENDED (Vanderburgh, Wells & Co.)
4.03.01.02
4.03.01.15

CLARENDON EXTENDED (William H. Page & Co.)
4.03.01.04

[CLARENDON EXTRA CONDENSED] cf. Hamilton: No. 153
4.03.01.20

CLARENDON ITALIAN (Vanderburgh, Wells & Co.)
4.03.01.27
4.03.01.28

[COOPER BLACK CONDENSED] cf. Hamilton: No. 780
4.05.02.02

[DEVINNE] cf. Hamilton: No. 627
4.04.01.03
4.04.01.04

DEVINNE (Morgans & Wilcox Mfg. Co.)
4.04.01.01

[DEVINNE DOUBLE EXTRA CONDENSED] cf. Hamilton: No. 640
4.04.01.05

[DEVINNE EXTRA CONDENSED] cf. Hamilton: No. 638
4.04.01.02

[DEVINNE ITALIC] cf. Hamilton: No. 632
4.04.01.06

DORIC GOTHIC ITALIC, No. 2273 (Tubbs & Company)
5.01.01.52

EGYPTIAN (Vanderburgh, Wells & Co.)
4.02.03.01

EGYPTIAN (William H. Page & Co.)
4.03.03.20

EGYPTIAN CONDENSED (Vanderburgh, Wells & Co.)
4.03.03.03
4.03.03.07

EGYPTIAN EXTRA CONDENSED (William H. Page & Co.)
4.03.03.42

FRENCH ANTIQUE (William H. Page & Co.)
4.02.03.05
4.02.03.06

FRENCH ANTIQUE NO. 1 (Morgans & Wilcox Mfg. Co.)
4.02.03.03

[FRENCH CLARENDON] (Celluloid Stereotype Co.)
4.03.03.05

[FRENCH CLARENDON] cf. Hamilton: No. 24
4.03.03.16

[FRENCH CLARENDON] cf. Hamilton: No. 37
4.03.03.26

[FRENCH CLARENDON] cf. Hamilton: No. 69
4.03.03.32

[FRENCH CLARENDON] cf. Hamilton: No. 70
4.02.03.07
4.02.03.08

[FRENCH CLARENDON] cf. Hamilton: No. 116
4.03.03.35
4.03.03.36

[FRENCH CLARENDON] cf. Hamilton: No. 157
4.03.03.02

[FRENCH CLARENDON] cf. Hamilton: No. 3013
4.02.03.04

[FRENCH CLARENDON] cf. Hamilton: No. 4154
4.03.03.28

[FRENCH CLARENDON] cf. Hamilton, No. 5056
4.03.03.09

[FRENCH CLARENDON] cf. Page: Egyptian Extra Condensed
4.03.03.41

[FRENCH CLARENDON] (Hamilton Manufacturing Co.)
4.03.03.45

FRENCH CLARENDON (Vanderburgh, Wells & Co.)
4.03.03.04
4.03.03.11

FRENCH CLARENDON (William H. Page & Co.)

4.03.03.46

[FRENCH CLARENDON CONDENSED] cf. Hamilton: No. 24

4.03.03.24

4.03.03.37

[FRENCH CLARENDON CONDENSED] cf. Hamilton, No. 154

4.03.03.25

[FRENCH CLARENDON CONDENSED] cf. Hamilton: No. 157

4.03.03.21

[FRENCH CLARENDON CONDENSED] cf. Page: Egyptian Extra Condensed

4.03.03.40

[FRENCH CLARENDON CONDENSED] cf. Page: French Clarendon No. 2

4.03.03.01

[FRENCH CLARENDON CONDENSED] (Morgans & Wilcox Mfg. Co.)

4.03.03.06

FRENCH CLARENDON TREBLE EXTRA CONDENSED (Morgans & Wilcox Mfg.
Co.)

4.03.03.13

[GOTHIC]

5.01.01.54

[GOTHIC] cf. AWT(LI): Mode Medium

5.01.03.01

5.01.03.02

[GOTHIC] cf. Hamilton: No. 5069

5.01.01.11

[GOTHIC] cf. Hamilton: No. 5072

5.01.01.28

[GOTHIC CONDENSED] cf. AWT(LI): Newstype

5.01.01.19

5.01.01.25

5.01.01.32

[GOTHIC CONDENSED] cf. Hamilton: No 720, Unit Gothic

5.01.02.01

[GOTHIC CONDENSED] cf. Hamilton, No. 6243

5.01.01.08

5.01.01.18

5.01.01.48

GOTHIC CONDENSED LIGHT FACE (William H. Page & Co.)

5.01.01.49

GOTHIC CONDENSED NO. 5 (Vanderburgh, Wells & Co.)

5.01.01.01

5.01.01.21

5.01.01.33

[GOTHIC EXPANDED] cf. Hamilton: No. 5071

5.01.01.05

[GOTHIC EXTRA CONDENSED] cf. Hamilton: No. 81

5.01.01.16

5.01.01.29

5.01.01.35

5.01.01.50

[GOTHIC EXTRA CONDENSED] cf. Hamilton: No. 266

5.01.01.14

5.01.01.51

[GOTHIC EXTRA CONDENSED] cf. Hamilton: No. 4006

5.01.01.24

5.01.01.36

GOTHIC EXTRA CONDENSED (William H. Page & Co.)

5.01.01.15

5.01.01.45

GOTHIC EXTRA CONDENSED LIGHT FACE (Morgans & Wilcox Mfg. Co.)
5.01.01.02

GOTHIC EXTRA CONDENSED NO. 1 (Vanderburgh, Wells & Co.)
5.01.01.34

[GOTHIC MODULATED OUTLINE]
5.01.01.53

[GOTHIC TUSCAN] cf. Hamilton: No. 20
4.07.02.01

GOTHIC TUSCAN (William H. Page & Co.)
5.03.02.01
5.03.02.02

[GOTHIC TUSCAN CONDENSED] cf. Hamilton: No. 20
4.07.02.02

GOTHIC TUSCAN NO. 3 (William H. Page & Co.)
4.07.05.01

[GOTHIC TUSCAN OUTLINED] cf. Hamilton: No. 412
5.03.02.04

[GRECIAN CONDENSED] cf. AWT(Conn): No. 2155
4.02.02.01

[GRECIAN CONDENSED] cf. Hamilton: No. 287
4.02.02.03

[GRECIAN CONDENSED] cf. Hamilton: No. 288
4.02.02.04

[GRECIAN CONDENSED] cf. Page: Grecian Extra Condensed
4.02.02.05

[GRECIAN CONDENSED] (J. G. Cooley)
4.02.02.02

IONIC (Vanderburgh, Wells & Co.)
4.03.01.11

[IONIC OBLIQUE] (Vanderburgh, Wells & Co.)
4.03.01.31

No. 15 (Hamilton Manufacturing Co.)
4.03.05.02

No. 20 [Gothic Condensed] (Empire Type Foundry (Delevan, NY))
5.01.01.30

No. 22 (Hamilton Manufacturing Co.)
4.03.01.03

No. 22 [Gothic Condensed] (Empire Type Foundry (Delevan, NY))
5.01.01.09

No. 24 (Hamilton Manufacturing Co.)
4.03.03.14
4.03.03.22
4.03.03.27

No. 25 (Hamilton Manufacturing Co.)
4.03.05.05

No. 37 (Hamilton Manufacturing Co.)
4.03.03.33
4.03.03.34

No. 48 (Hamilton Manufacturing Co.)
4.03.05.04

No. 51 (Hamilton Manufacturing Co.)
4.02.01.03
4.02.01.04

No. 55 (Hamilton Manufacturing Co.)
4.02.03.02
4.02.03.09
4.02.03.10

No. 59 (Hamilton Manufacturing Co.)
4.06.01.02
4.06.01.03

No. 69 (Hamilton Manufacturing Co.)

4.03.03.17

4.03.03.29

4.03.03.30

4.03.03.31

No. 81 (Hamilton Manufacturing Co.)

5.01.01.23

No. 96 (Hamilton Manufacturing Co.)

4.04.02.01

No. 98 [Cheltenham] (Empire Type Foundry (Delevan, NY))

4.03.02.01

4.03.02.02

No. 154 (Hamilton Manufacturing Co.)

4.03.03.18

4.03.03.19

No. 156 (Hamilton Manufacturing Co.)

4.03.03.38

4.03.03.39

No. 266, PLAIN GOTHIC (Hamilton Manufacturing Co.)

5.01.01.31

No. 500 (William H. Page & Co.)

4.04.02.04

No. 502 (William H. Page & Co.)

4.03.03.15

No. 506 (Hamilton Manufacturing Co.)

4.04.02.05

No. 507 (Hamilton Manufacturing Co.)

5.03.01.04

No. 507 (William H. Page & Co.)

5.03.01.01

5.03.01.06

No. 508 (Hamilton Manufacturing Co.)
5.03.01.05

No. 509 (William H. Page & Co.)
5.03.01.02
5.03.01.03

No. 514 (Hamilton Manufacturing Co.)
4.04.03.01

No. 515 (William H. Page & Co.)
4.07.01.01

No. 634 (Hamilton Manufacturing Co.)
4.04.01.08

No. 640 (Hamilton Manufacturing Co.)
4.04.01.09

No. 696 (Hamilton Manufacturing Co.)
4.03.02.05

No. 722, UNIT GOTHIC (Hamilton Manufacturing Co.)
5.01.02.02

No. 784, GOUDY EXTRA BOLD (Hamilton Manufacturing Co.)
4.05.01.01

No. 2044 (American Wood Type Co. (Conn))
4.02.01.12

No. 2064 (American Wood Type Co.)
5.01.01.44

No. 2066 (American Wood Type Co. (Conn))
5.01.01.39

No. 2087 (American Wood Type Co. (Conn))
4.04.02.03

No. 2089 (American Wood Type Co. (Conn))
4.04.02.02

No. 2117 (American Wood Type Co. (Conn))
4.03.03.23

No. 2158 (American Wood Type Co. (Conn))
4.01.02.01

No. 4006, PLAIN GOTHIC (Hamilton Manufacturing Co.)
5.01.01.06
5.01.01.07
5.01.01.17
5.01.01.37
5.01.01.38
5.01.01.46
5.01.01.47

No. 4045, PLAIN GOTHIC (Hamilton Manufacturing Co.)
5.01.01.40
5.01.01.41

No. 4050, PLAIN GOTHIC (Hamilton Manufacturing Co.)
5.01.01.04

No. 5072, PLAIN GOTHIC (Hamilton Manufacturing Co.)
5.01.01.12
5.01.01.13
5.01.01.22

No. 6011, PLAIN GOTHIC (Hamilton Manufacturing Co.)
5.01.01.27
5.01.01.42
5.01.01.43

No. 6243, PLAIN GOTHIC (Hamilton Manufacturing Co.)
5.01.01.03
5.01.01.10
5.01.01.20
5.01.01.26

NORWICH ALDINE (William H. Page & Co.)
4.03.03.12

OLD STYLE CONDENSED (William H. Page & Co.)
4.01.03.02

[ORNAMENTED] cf. Hamilton: No. 227
7.00.00.01

ORNATE (William H. Page & Co.)
5.03.02.03

ORNATE NO. 2 (William H. Page & Co.)
5.03.02.05

PAINTERS' ROMAN (Vanderburgh, Wells & Co.)
4.01.04.02

PAINTERS' ROMAN CONDENSED (Vanderburgh, Wells & Co.)
4.01.04.04

[PAINTER'S ROMAN CONDENSED OPEN] (Heber Wells)
4.03.04.03

PERSIAN (Vanderburgh, Wells & Co.)
4.07.04.01

[ROMAN]
4.05.02.03
4.05.02.04
4.05.02.05
4.05.02.06
4.05.02.07

[ROMAN] cf. Page: Old Style
4.01.03.01

[ROMAN "ANTIQUED"] cf. Hamilton: No. 661, Plymouth
4.05.02.01

[ROMAN CONDENSED] cf. Hamilton: No. 629
4.01.03.05

ROMAN EXTRA CONDENSED (William H. Page & Co.)
4.01.01.14

[ROMAN FAT FACE] cf. Hamilton: No. 241

4.01.01.01

4.01.01.04

[ROMAN FAT FACE] cf. Hamilton: No. 242

4.01.01.10

4.01.01.12

[ROMAN FAT FACE] cf. Hamilton: No. 5151

4.01.01.06

[ROMAN FAT FACE] cf. Page: Roman

4.01.01.11

[ROMAN FAT FACE] cf. Page: Roman Condensed

4.01.01.13

[ROMAN FAT FACE] cf. Page: Roman Extra Condensed

4.01.01.07

[ROMAN FAT FACE] cf. Page: Roman No. 2

4.01.01.05

[ROMAN FAT FACE CONDENSED] cf. AWT(Conn): No. 2017

4.01.01.08

4.01.01.09

[ROMAN FAT FACE EXTENDED] cf. Hamilton: No. 5151

4.01.01.02

[ROMAN FAT FACE OPEN SHADE]

4.01.01.15

[ROMAN INLINE] cf. Hamilton: Cameo Highlight, No. 834.

4.01.03.06

[ROMAN ITALIC] cf. Hamilton: No. 644

4.04.01.07

[ROMAN MODERN] cf. Page: Roman Condensed Light Face

4.01.01.03

[ROMAN MODERN CONDENSED] cf. Hamilton: No. 231
4.01.03.04

[ROMAN MODERN CONDENSED] cf. AWT(LI): Old Style No. 6
4.01.03.03

[ROUNDED GOTHIC] cf. Page: Gothic Round
5.02.01.01
5.02.01.04

[ROUNDED GOTHIC] (J. G. Cooley)
5.02.01.02
5.02.01.03

RUNIC EXPANDED (Vanderburgh, Wells & Co.)
4.06.03.01

[SCRIPT] cf. Hamilton: Kaufman Bold, No. 831
6.01.01.01

[TUSCAN CONDENSED] cf. Page: Armenian
4.06.05.01

[TUSCAN EXTRA CONDENSED] cf. Page: Antique Tuscan No. 9
4.06.02.03

YORKALDINE (Vanderburgh, Wells & Co.)
4.03.03.08

DONOR LIST

THE EMILY S. GRASTORF COLLECTION OF WOOD TYPE:

ALDINE EXPANDED (Morgans & Wilcox Mfg. Co.)
4.03.03.10

[ANGLED GOTHIC CONDENSED] cf. Hamilton: No. 3080 (manufacturer unknown)
5.01.04.03
5.01.04.04
5.01.04.05

[ANTIQUE] cf. Hamilton: No. 178 (manufacturer unknown)
4.02.01.19

[ANTIQUE] cf. Page: Antique No. 4 (manufacturer unknown)
4.02.01.18

[COOPER BLACK CONDENSED] cf. Hamilton: No. 780 (manufacturer unknown)
4.05.02.02

[FRENCH CLARENDON] cf. Hamilton: No. 70 (manufacturer unknown)
4.02.03.07
4.02.03.08

[FRENCH CLARENDON CONDENSED] cf. Hamilton: No. 24 (manufacturer unknown)
4.03.03.24

GOthic CONDENSED LIGHT FACE (William H. Page & Co.)
5.01.01.49

GOthic CONDENSED NO. 5 (Vanderburgh, Wells & Co.)
5.01.01.21
5.01.01.33

[GOthic EXTRA CONDENSED] cf. Hamilton: No. 81 (manufacturer unknown)
5.01.01.29
5.01.01.35

[GRECIAN CONDENSED] cf. Page: Grecian Condensed (J. G. Cooley)
4.02.02.02

No. 22 [GOTHIC CONDENSED], cf. Hamilton: No. 6243 (Empire Type Foundry (Delevan, NY))
5.01.01.09

No. 98 [CHELTENHAM], cf. Hamilton: No. 706, Cheltenham Bold Condensed (Empire Type Foundry (Delevan, NY))
4.03.02.01

No. 722, UNIT GOTHIC (Hamilton Manufacturing Co.)
5.01.02.02

No. 2066 (American Wood Type Co. (Conn))
5.01.01.39

No. 2089 (American Wood Type Co. (Conn))
4.04.02.02

No. 2117 (American Wood Type Co. (Conn))
4.03.03.23

No. 4006, PLAIN GOTHIC (Hamilton Manufacturing Co.)
5.01.01.17
5.01.01.37
5.01.01.38
5.01.01.46
5.01.01.47

No. 4045, PLAIN GOTHIC (Hamilton Manufacturing Co.)
5.01.01.40
5.01.01.41

No. 6243, PLAIN GOTHIC (Hamilton Manufacturing Co.)
5.01.01.26

[ROUNDED GOTHIC] cf. Page: Gothic Round (J. G. Cooley)
5.02.01.02

THE JOHN L. KRONENBERG COLLECTION OF WOOD TYPE:

ÆTNA CONDENSED (Morgans & Wilcox Mfg. Co.)

4.03.04.01

4.03.04.02

ANTIQUÉ (William H. Page & Co.)

4.02.01.24

4.02.01.25

ANTIQUÉ DOUBLE EXTRA CONDENSED (William H. Page & Co.)

4.02.01.20

ANTIQUÉ EXTENDED (William H. Page & Co.)

4.02.01.16

[ANTIQUÉ EXTENDED] cf. Hamilton: No. 77 (manufacturer unknown)

4.02.01.11

CHROMATIC FRENCH CLARENDON ORNAMENTED (William H. Page & Co.)

4.03.03.43 [first color—solid face]

4.03.03.44 [second color—ornamented face]

[CLARENDON] cf. Hamilton: No. 23 (manufacturer unknown)

4.03.01.23

4.03.01.24

CLARENDON CONDENSED (William H. Page & Co.)

4.03.01.09

CLARENDON CONDENSED NO. 2 (Vanderburgh, Wells & Co.)

4.03.01.18

CLARENDON DOUBLE EXTRA CONDENSED (Vanderburgh, Wells & Co.)

4.03.01.25

4.03.01.27

4.03.01.29

4.03.01.30

CLARENDON EXTENDED (Vanderburgh, Wells & Co.)

4.03.01.02

4.03.01.15

CLARENDON ITALIAN (Vanderburgh, Wells & Co.)

4.03.01.28

4.03.01.30

[DEVINNE ITALIC] cf. Hamilton: No. 632 (manufacturer unknown)

4.04.01.06

DORIC GOTHIC ITALIC, NO. 2273 (Tubbs & Company)

5.01.01.52

FRENCH ANTIQUE (William H. Page & Co.)

4.02.03.05

FRENCH CLARENDON (Vanderburgh, Wells & Co.)

4.03.03.04

4.03.03.11

[FRENCH CLARENDON] cf. Hamilton: No. 69 (manufacturer unknown)

4.03.03.32

[FRENCH CLARENDON] cf. Hamilton: No. 116 (manufacturer unknown)

4.03.03.35

4.03.03.36

[FRENCH CLARENDON] cf. Hamilton: No. 4154 (manufacturer unknown)

4.03.03.28

[FRENCH CLARENDON CONDENSED] cf. Hamilton: No. 24 (manufacturer unknown)

4.03.03.37

[GOTHIC] (manufacturer unknown)

5.01.01.54

[GOTHIC CONDENSED] cf. AWT(LI): Newtype (manufacturer unknown)

5.01.01.32

[GOTHIC EXPANDED] cf. Hamilton: No. 5071 (manufacturer unknown)

5.01.01.05

GOTHIC EXTRA CONDENSED (William H. Page & Co.)

5.01.01.45

GOTHIC EXTRA CONDENSED NO. 1 (Vanderburgh, Wells & Co.)
5.01.01.34

[IONIC OBLIQUE] cf. VW&Co: Ionic (Vanderburgh, Wells & Co.)
4.03.01.31

No. 37 (Hamilton Manufacturing Co.)
4.03.03.33
4.03.03.34

No. 55 (Hamilton Manufacturing Co.)
4.02.03.09
4.02.03.10

No. 69 (Hamilton Manufacturing Co.)
4.03.03.29
4.03.03.30
4.03.03.31

No. 156 (Hamilton Manufacturing Co.)
4.03.03.38
4.03.03.39

PAINTERS' ROMAN (Vanderburgh, Wells & Co.)
4.01.04.02

[ROMAN] (manufacturer unknown)
4.05.02.04
4.05.02.05
4.05.02.06
4.05.02.07

[ROMAN CONDENSED] cf. Hamilton: No. 629 (manufacturer unknown)
4.01.03.05

[ROMAN FAT FACE] cf. Hamilton: No. 242 (manufacturer unknown)
4.01.01.12

THE DANIEL C. MILLER COLLECTION OF WOOD TYPE:

[ÆTNA] cf. Hamilton: No. 62 (manufacturer unknown)
4.01.04.01

[ANTIQUE] cf. Hamilton: No. 87 (manufacturer unknown)
4.02.01.22

[ANTIQUE CONDENSED] (Hamilton Manufacturing Co.)
4.03.03.22

[ANTIQUE CONDENSED] cf. Hamilton: No. 87 (manufacturer unknown)
4.02.01.09
4.02.01.14

ANTIQUE EXTENDED (Vanderburgh, Wells & Co.)
4.02.01.06

ANTIQUE EXTRA CONDENSED (William H. Page & Co.)
4.02.01.15
4.02.01.21

[ANTIQUE TUSCAN] cf. Hamilton: No. 25 (manufacturer unknown)
4.03.05.01

ANTIQUE TUSCAN DOUBLE EXTRA CONDENSED NO. 1 (William H. Page & Co.)
4.03.05.06

ANTIQUE TUSCAN NO. 11 (William H. Page & Co.)
4.06.02.01

[CHELTENHAM BOLD CONDENSED] cf. Hamilton: No. 706 (manufacturer unknown)
4.03.02.03

[CLARENDON] cf. Hamilton: No. 22 (manufacturer unknown)
4.03.01.05

CLARENDON CONDENSED (?) (William H. Page & Co.)
4.03.01.14

[CLARENDON CONDENSED] cf. Hamilton: No. 105 (manufacturer unknown)
4.03.01.08
4.03.01.19

CLARENDON CONDENSED NO. 1 (Vanderburgh, Wells & Co.)
4.03.01.07

EGYPTIAN (William H. Page & Co.)
4.03.03.20

[FRENCH CLARENDON] cf. Hamilton: No. 157 (manufacturer unknown)
4.03.03.02

[FRENCH CLARENDON] cf. Hamilton: No. 3013 (manufacturer unknown)
4.02.03.04

[GOTHIC] cf. Hamilton: No. 5069 (manufacturer unknown)
5.01.01.11

[GOTHIC CONDENSED] cf. Hamilton, No. 6243 (manufacturer unknown)
5.01.01.08

[GOTHIC EXTRA CONDENSED] cf. Hamilton: No. 266 (manufacturer unknown)
5.01.01.14

[GOTHIC EXTRA CONDENSED] cf. Hamilton: No. 81 (manufacturer unknown)
5.01.01.16
5.01.01.50

GOTHIC TUSCAN (William H. Page & Co.)
5.03.02.02

GOTHIC TUSCAN NO. 3 (William H. Page & Co.)
4.07.05.01

NO. 20 [GOTHIC CONDENSED], cf. Hamilton: No. 81 (Empire Type Foundry
(Delevan, NY))
5.01.01.30

NO. 22 (Hamilton Manufacturing Co.)
4.03.01.03

No. 24 (Hamilton Manufacturing Co.)
4.03.03.22

No. 25 (Hamilton Manufacturing Co.)
4.03.05.05

No. 51 (Hamilton Manufacturing Co.)
4.02.01.03

No. 81 (Hamilton Manufacturing Co.)
5.01.01.23

No. 96 (Hamilton Manufacturing Co.)
4.04.02.01

No. 98 [CHELTENHAM], cf. Hamilton: No. 696, Cheltenham Bold (Empire
Type Foundry (Delevan, NY))
4.03.02.02

No. 507 (William H. Page & Co.)
5.03.01.01

No. 508 (Hamilton Manufacturing Co.)
5.03.01.05

No. 515 (William H. Page & Co.)
4.07.01.01

No. 4006, PLAIN GOTHIC (Hamilton Manufacturing Co.)
5.01.01.06

No. 5072, PLAIN GOTHIC (Hamilton Manufacturing Co.)
5.01.01.12
5.01.01.13
5.01.01.22

No. 6011, PLAIN GOTHIC (Hamilton Manufacturing Co.)
5.01.01.27

[ROMAN FAT FACE] cf. Hamilton: No. 241 (manufacturer unknown)
4.01.01.01

[ROMAN FAT FACE CONDENSED] cf. AWT(Conn): No. 2017 (manufacturer unknown)
4.01.01.08

THE R. ROGER REMINGTON COLLECTION OF WOOD TYPE:

[ANGLED GOTHIC] cf. Hamilton: No. 3080 (manufacturer unknown)
5.01.04.02

ANTIQUE DOUBLE EXTRA CONDENSED NO. 2 (Vanderburgh, Wells & Co.)
4.02.01.08

[ANTIQUE EXTENDED] cf. M&W: Antique Extended (manufacturer unknown)
4.02.01.01
4.02.01.02

[ANTIQUE EXTRA CONDENSED] cf. Page: Antique Double Extra Condensed (J. G. Cooley)
4.02.01.26

[ANTIQUE TUSCAN] cf. Page: Antique Tuscan Condensed (manufacturer unknown)
4.03.05.10
4.03.05.11

[ANTIQUE TUSCAN EXPANDED] cf. Page: Antique Tuscan Expanded (manufacturer unknown)
4.03.05.03

[ANTIQUE TUSCAN OUTLINED] cf. Hamilton: No. 416 (manufacturer unknown)
4.03.05.15

ANTIQUE TUSCAN NO. 9 (William H. Page & Co.)
4.06.02.02

CHROMATIC AMERICAN [one color only] (William H. Page & Co.)
4.03.05.14

CHROMATIC ANTIQUE TUSCAN SHADE NOS. 1 & 2 [one color only] (William H. Page & Co.)
4.03.05.13

[CLARENDON CONDENSED] cf. Page: Clarendon (manufacturer unknown)
4.03.01.01

CLARENDON DOUBLE EXTRA CONDENSED (William H. Page & Co.)
4.03.01.16

EGYPTIAN (Vanderburgh, Wells & Co.)
4.02.03.01

EGYPTIAN CONDENSED (Vanderburgh, Wells & Co.)
4.03.03.07

EGYPTIAN EXTRA CONDENSED (William H. Page & Co.)
4.03.03.42

FRENCH ANTIQUE NO. 1 (Morgans & Wilcox Mfg. Co.)
4.02.03.03

[FRENCH CLARENDON] cf. Page: Egyptian Extra Condensed (manufacturer unknown)
4.03.03.41

[FRENCH CLARENDON CONDENSED] cf. Page: Egyptian Condensed (Morgans & Wilcox Mfg. Co.)
4.03.03.06

[FRENCH CLARENDON CONDENSED] cf. Page: Egyptian Extra Condensed (manufacturer unknown)
4.03.03.40

[FRENCH CLARENDON CONDENSED] cf. Page: French Clarendon No. 2 (manufacturer unknown)
4.03.03.01

GOTHIC CONDENSED NO. 5 (Vanderburgh, Wells & Co.)
5.01.01.01

[GOTHIC TUSCAN] cf. Hamilton: No. 20 (manufacturer unknown)
4.07.02.01

[GOTHIC TUSCAN CONDENSED] cf. Hamilton: No. 20 (manufacturer unknown)
4.07.02.02

[GRECIAN CONDENSED] cf. Hamilton: No. 288 (manufacturer unknown)
4.02.02.04

IONIC (Vanderburgh, Wells & Co.)
4.03.01.11

No. 24 (Hamilton Manufacturing Co.)
4.03.03.14

No. 55 (Hamilton Manufacturing Co.)
4.02.03.02

No. 69 (Hamilton Manufacturing Co.)
4.03.03.17

No. 502 (William H. Page & Co.)
4.03.03.15

No. 514 (Hamilton Manufacturing Co.)
4.04.03.01

No. 784, GOUDY EXTRA BOLD (Hamilton Manufacturing Co.)
4.05.01.01

No. 2087 (American Wood Type Co. (Conn))
4.04.02.03

No. 2158 (American Wood Type Co. (Conn))
4.01.02.01

NORWICH ALDINE (William H. Page & Co.)
4.03.03.12

[ORNAMENTED] cf. Hamilton: No. 227 (manufacturer unknown)
7.00.00.01

ORNATE (William H. Page & Co.)
5.03.02.03

ORNATE NO. 2 (William H. Page & Co.)
5.03.02.05

PAINTERS' ROMAN CONDENSED (Vanderburgh, Wells & Co.)
4.01.04.04

PERSIAN (Vanderburgh, Wells & Co.)
4.07.04.01

[ROMAN] cf. Page: Old Style (manufacturer unknown)
4.01.03.01

[ROMAN "ANTIQUED"] cf. Hamilton: No. 661, Plymouth (manufacturer unknown)
4.05.02.01

ROMAN EXTRA CONDENSED (William H. Page & Co.)
4.01.01.14

[ROMAN FAT FACE] cf. Hamilton: No. 242 (manufacturer unknown)
4.01.01.10

[ROMAN FAT FACE] cf. Page: Roman (manufacturer unknown)
4.01.01.11

[ROMAN FAT FACE] cf. Page: Roman Extra Condensed (manufacturer unknown)
4.01.01.07

[ROMAN FAT FACE] cf. Page: Roman No. 2 (manufacturer unknown)
4.01.01.05

[ROMAN FAT FACE EXTENDED] cf. Hamilton: No. 5151 (manufacturer unknown)
4.01.01.02

[ROMAN FAT FACE OPEN SHADE] (manufacturer unknown)
4.01.01.15

[ROUNDED GOTHIC] cf. Page: Gothic Round (J. G. Cooley)
5.02.01.03

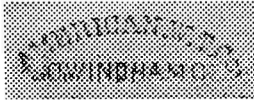
[ROUNDED GOTHIC] cf. Page: Gothic Round (manufacturer unknown)
5.02.01.01

[TUSCAN EXTRA CONDENSED] cf. Page: Antique Tuscan No. 9 (manufacturer unknown)
4.06.02.03

MANUFACTURERS' IMPRINTS IN THE COLLECTION

Marks were stamped on the side and in some cases on the shoulder of the type, usually on the letter A. The information below is taken from Kelly, pp. 58-63 unless otherwise indicated. Note that some imprints remained in use after the status of a company had changed, therefore dating in this way is not precise.

AWT-1



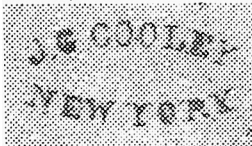
AMERICAN W.T. Co. | SO. WINDHAM CT
American Wood Type Co., South Windham, CT. Believed to have been in use after 1883.

AWT-2



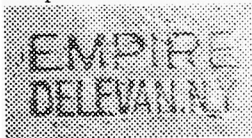
AMERICAN W.T. Co
It is not clear to which American Wood Type company this imprint belonged.

Cooley-1



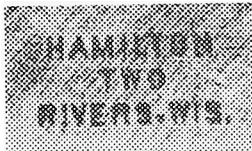
J.G. COOLEY | NEW YORK
John G. Cooley & Co., New York. In use between 1859 and 1868.

Empire-1



EMPIRE | DELEVAN, NY
Empire Type Foundry, Delevan, NY. In use from 1918 to 1924. (Long, p. 41)

Ham-1



HAMILTON | TWO | RIVERS, WIS.
Hamilton Manufacturing Co., Two Rivers, WI. In use after 1891 and discontinued in the 1950's. (Long, p. 39)

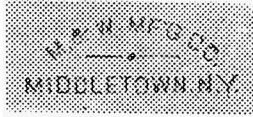
HWells-1



HEBER WELLS | N.Y.

Heber Wells, NY. In use from 1890 to 1898.
(Long, p. 41)

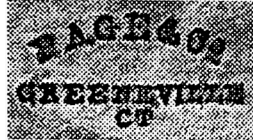
M&W-1



M. & W. MFG CO. | MIDDLETOWN, N.Y.

Morgans & Wilcox Mfg. Co., Middletown, NY. In use after 1881.

Page-1

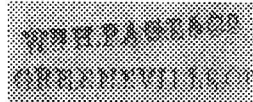


PAGE & Co. | GREENEVILLE | CT

William H. Page & Co., Greenville, CT.

Believed to have been in use between 1857 and 1859.

Page-2



WM H. PAGE & Co | GREENEVILLE CT

William H. Page & Co., Greenville, CT. In use in 1859 (so stated in catalogue).

Page-3



WM H. PAGE & Co

William H. Page & Co., Greenville, CT. In use in 1870 (so stated in catalogue).

Page-4



DEC 20 1887 | PATENTED

William H. Page & Co., Greenville, CT. In use between 1887 and 1891. Used only on Page's New Process die-cut wood type. (Kelly, pp. 54-58)

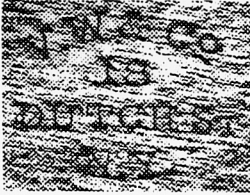
Tubbs-1



TUBBS & CO

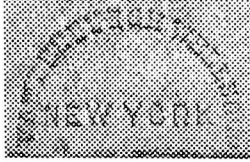
Tubbs & Co., South Windham, CT. Believed to have been in use circa 1900.

VW&C-1



V. W. & Co | 18 | DUTCH ST | N. Y.
Vanderburgh, Wells & Co., New York. In use
between 1864 and 1867.

VW&C-2



VANDERBURGH WELLS & Co | NEW YORK
Vanderburgh, Wells & Co., New York. In use
between 1867 and 1890. Other Identifiable
Manufacturers in the Collection

OTHER IDENTIFIABLE WOOD TYPES

DIE-CUT TYPE, known as “New Process” wood type, was produced by Hamilton Manufacturing Co. between 1891 and 1906 without imprint (after purchasing Page & Co.’s die-cut designs and operation).

VENEER TYPE was produced by Hamilton Manufacturing Co. as “Holly Wood” type between 1880 and 1889.

CELLULOID TYPE, also known as enameled wood type, was manufactured by the Celluloid Stereotype Company, later known as the National Printers’ Materials Company, New York, circa 1885 to 1900.

SOURCES AND THEIR ABBREVIATIONS AND LOCATIONS

The following is a list of wood type catalogues and books on wood type which were used in identifying the fonts in the Cary Collection. For each source, the abbreviation used in this reference manual is indicated, followed by the bibliographic entry and the location where the materials can be found.

- Ref: AWT(Conn)-nd *Specimens of Wood Type Manufactured by American Wood Type Co., South Windham, Conn* (No date). Rochester Museum and Science Center Library, Rochester, NY.
- Ref: AWT(LI)-1958 *American Wood Type MFG. Co., Long Island City, 1958-59 catalogue*. The Melbert B. Cary, Jr. Graphic Arts Collection, Wallace Library, Rochester Institute of Technology, Rochester, NY.
- Ref: Chesman1888 *Specimen Pages and Price List of Holly Wood Type! Printing Inks, Type Cases, Cabinets, Clocks, &c., manufactured for and sold by Nelson Chesman & Co. inc. New York & St.Louis. Newspaper Advertising Agents* (1888). Columbia University Libraries Rare Book and Manuscript Library, American Type Founders Company Library, New York City.
- Ref: Golding-nd *New Process Wood Type sold by Golding & Co., Boston, Mass.*(No date). Rochester Museum and Science Center Library, Rochester, NY.
- Ref: H.Wells1895 *Specimens of Wood Type, Heber Wells, New-York, 1895*. Columbia University Libraries Rare Book and Manuscript Library, American Type Founders Company Library, New York City.
- Ref: Ham1892 *Specimens of New Process Wood Type, The Hamilton Mfg. Co., Two Rivers, Chicago, New York* (1892). Columbia University Libraries Rare Book and Manuscript Library, American Type Founders Company Library, New York City.

- Ref: Ham#14-1899 *Hamilton's Wood Type* (Catalog No. 14, 1899-1900). The Melbert B. Cary, Jr. Graphic Arts Collection, Wallace Library, Rochester Institute of Technology, Rochester, NY.
- Ref: Ham#16-1906 *Specimens of wood type, wood ornaments, flourishes, dashes, silhouettes, catch-words, corners, fractions, calendars, and borders. Manufactured by The Hamilton Mfg. Co. Catalogue No. 16, January 1906.* Columbia University Libraries Rare Book and Manuscript Library, American Type Founders Company Library, New York City.
- Ref: Ham1918 *Wood Type and Borders, The Hamilton Manufacturing Co.* (1918). Columbia University Libraries Rare Book and Manuscript Library, American Type Founders Company Library, New York City (Wood type by Tubbs Manufacturing Company).
- Ref: Ham#38-nd *Wood Type by Hamilton, catalogue 38* (No date). The Melbert B. Cary, Jr. Graphic Arts Collection, Wallace Library, Rochester Institute of Technology, Rochester, NY.
- Ref: Kelly Kelly, Rob Roy. *American Wood Type, 1828-1900.* New York: Van Nostrand Reinhold Co., 1969.
- Ref: M&W1888 *Price List of Printers' Material and Condensed Specimen book of Wood Type Manufactured By the Morgans & Wilcox Mfg. Co. Middletown, N.Y. (1888).* Rochester Museum and Science Center Library, Rochester, NY.
- Ref: Page1859 *Specimens of Wood Type, Borders, Rules, &c. Manufactured by Wm. H. Page & Co. Greeneville, Conn.* (1859). Columbia University Libraries Rare Book and Manuscript Library, American Type Founders Company Library, New York City.

Ref: Page1874

Specimens of Chromatic Wood Type, Borders, &c Manufactured by Wm. H. Page & Co. Greeneville, Conn.(1874). The Melbert B. Cary, Jr. Graphic Arts Collection, Wallace Library, Rochester Institute of Technology, Rochester, NY.

Ref: Page1890

Specimens of Machine Cut Wood Type! Manufactured by The Wm. H. Page Wood Type Co. 286-296 Franklin Street, Norwich,— Connecticut. U.S.A. (1890). The Melbert B. Cary, Jr. Graphic Arts Collection, Wallace Library, Rochester Institute of Technology, Rochester, NY.

Ref: VW&Co1877

Specimens of Vanderburgh, Wells & Co's. Wood Type, Borders, Rules, &c. Manufactured at 110 Fulton, 16 & 18 Dutch Sts. New-York, 1877. Columbia University Libraries Rare Book and Manuscript Library, American Type Founders Company Library, New York City.

ADDITIONAL WORKS CONSULTED

Adobe Wood Type I. Adobe Systems Incorporated, 1990

Annenberg, Maurice. *A Typographical Journey Through the Inland Printer, 1883-1900*. Baltimore: Maran Press, 1977.

Clement, Walter and Robertson, Ian. *Alphabets and Others*. Fairhope and Notasulga, Alabama: The Armstrong Press and The Slow Loris Press, 1988.

Gaskell, Phillip. "Nomenclature for Roman Type." *Visible Language*, X1, Winter 1976, pp. 41-51.

Grastorf, Dennis J. *Wood Type of the Angelica Press*. New York: The Angelica Press, 1975.

Harris, Elizabeth M. *The Fat and the Lean: American Wood Type in the 19th Century*. Washington, D.C.: The National Museum of American History, Smithsonian Institution, 1983.

"ISO/IEC 9541-1, Annex A, Electronic Font Interchange." *Information Technology—Font Information Interchange, Part 1: Architecture*. Geneva, Switzerland: International Standards Organization, 1991.

Kelly, Rob Roy. *American Wood Type: American Wood Types 1828-1900*. Privately printed, 1964.

Kelly, Rob Roy. *American Wood Type, 1828-1900*. New York: Van Nostrand Reinhold Co., 1969.

Kelly, Rob Roy, ed. *Wood Type Alphabets: 100 Fonts*. New York: Dover Publications, Inc., 1977.

Johnson, A. F. *Type Designs: Their History and Development*. London: Grafton & Co., 1934.

Lawson, Alexander S. *Printing Types: An Introduction*. Boston: The Beacon Press, 1971.

Lawson, Alexander S. "Wood Type—Story of Printers' Crafts." *Printing Impressions*, February 1970.

Long, Robert P. *Wood Type and Printing Collectibles*. East Meadow, New York: Robert P. Long, Publisher, 1980.

Page's Wood Type Album, vols. 1-3, April, July, and October 1879. Norwich, Connecticut: The Wm. H. Page Wood Type Company, 1879.

Saxe, Stephen O. "The Romance of Wood Type." *Fine Print on Type: The Best of Fine Print Magazine on Type and Typography*. San Francisco: Fine Print and Bedford Arts, 1989; pp. 62-67.

Specimens of Wood Type Presented to the School of Library Service, Columbia University, by Maurice Annenberg. New York: The Book Arts Press, 1980.

Thorp, Joseph. "Towards a Nomenclature for Letter Forms." *The Monotype Recorder*, April-May 1931, pp. 9-19.