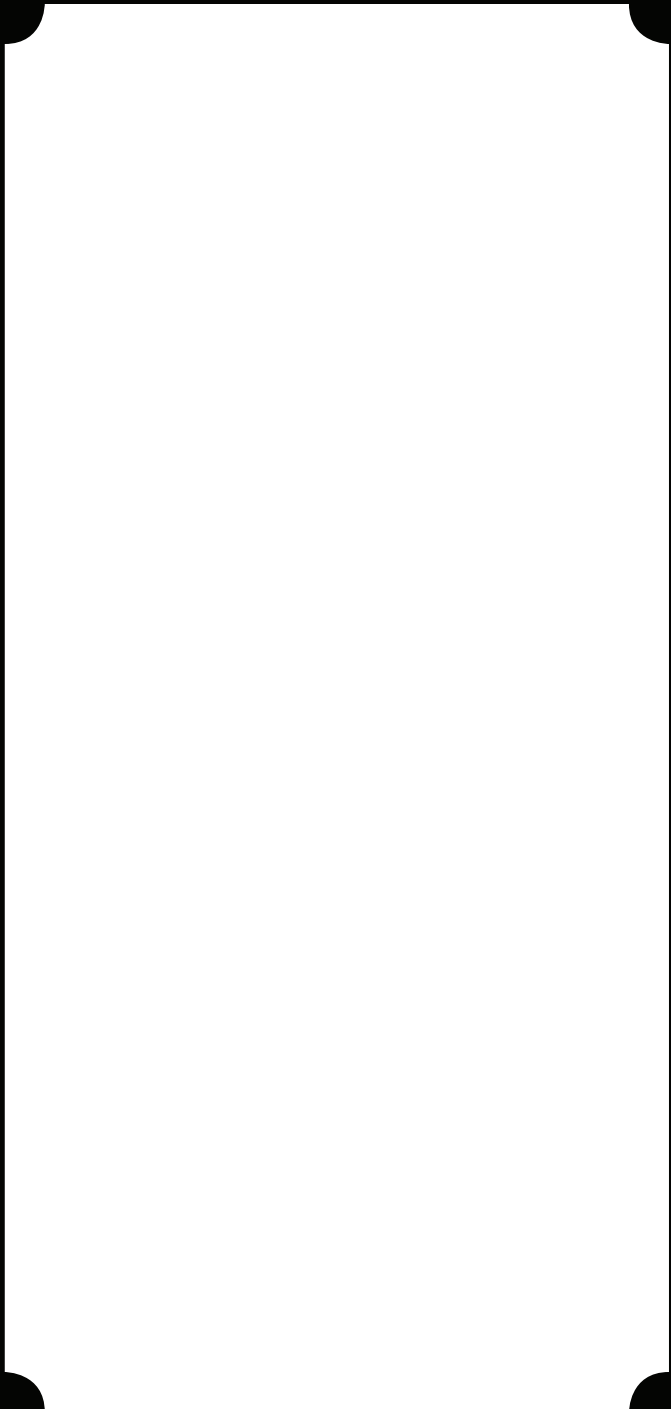
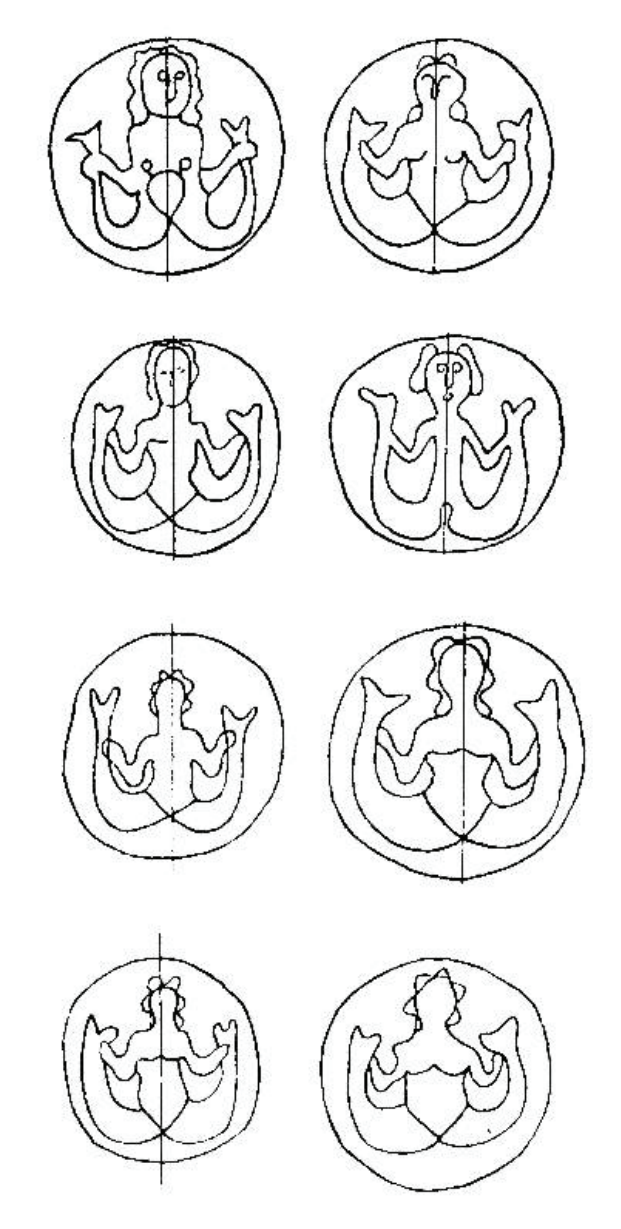


History of Graphic Design
Lecture Two
Professor Eckler

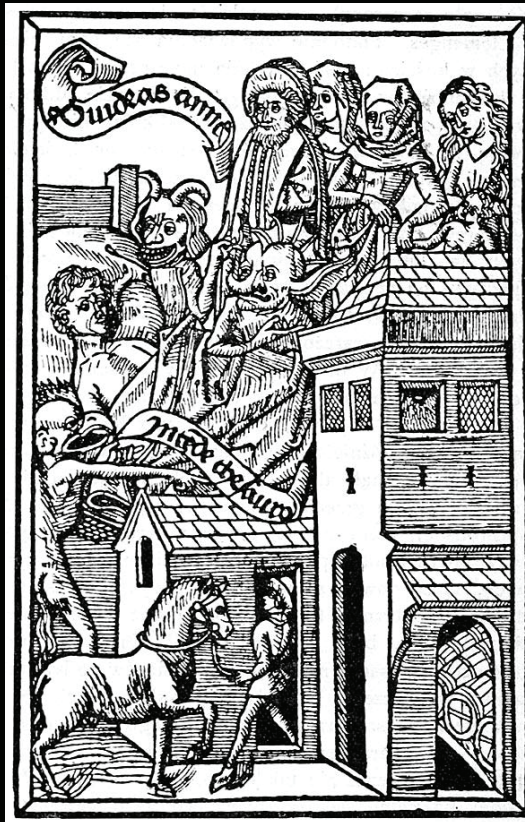
French watermark designs, fifteenth century. These mermaid designs were produced by bent wire attached to the mold used in making paper.



Jack of Diamonds, woodblock playing card, c. 1400. The flat, stylized design conventions of playing cards have changed little in over five hundred years.

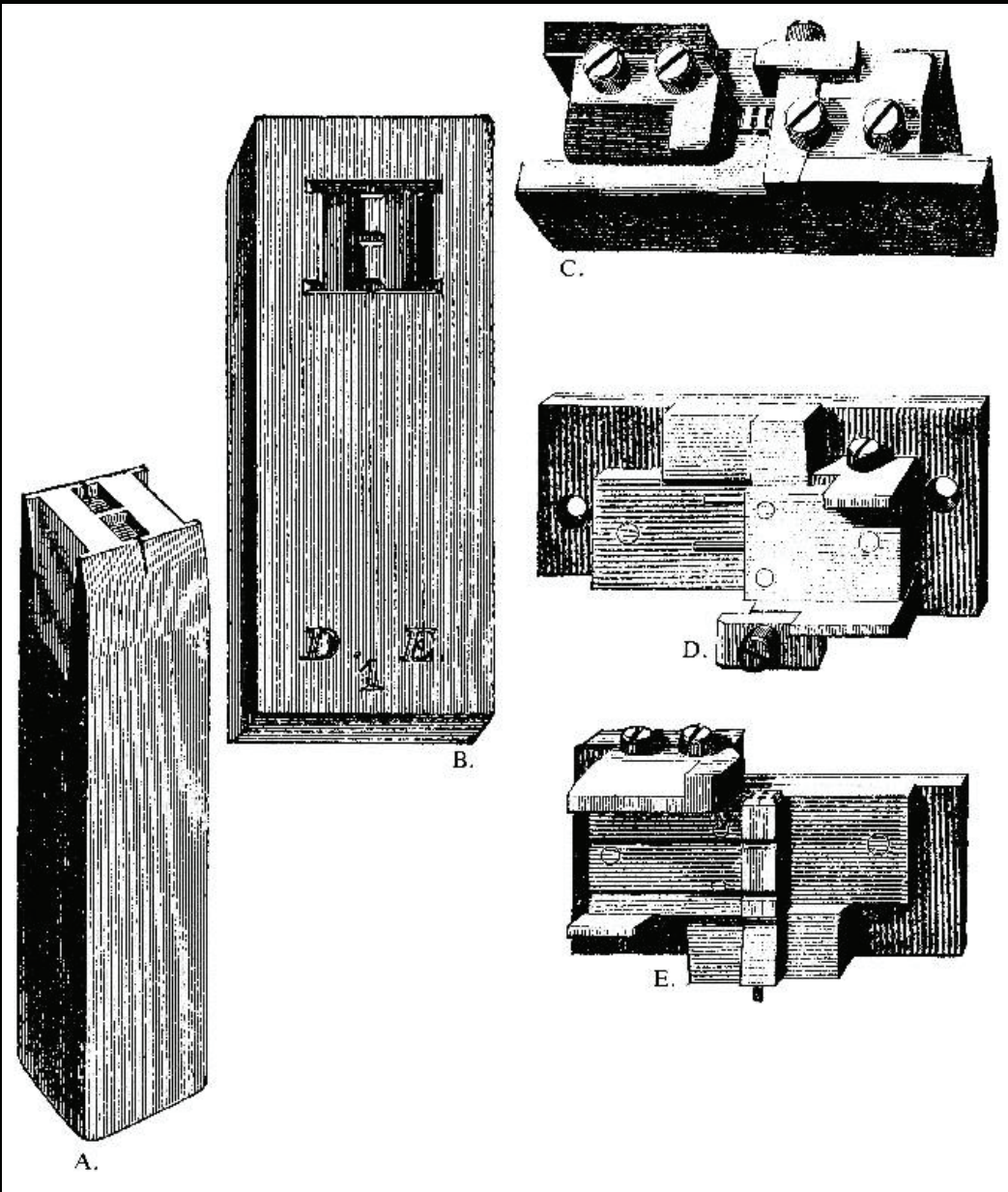


Pages from the *Ars Moriendi*. A montage juxtaposes the deathbed scene with the subject's estate. One demon urges, "Provide for your friends," while the other advises, "Attend to your treasures."



Temptatio dyaboli de Avaritia
 vicia temptatio dyaboli est avaritia magis se-
 pulares et carnales infestans que est nimia occu-
 patio temporalium atque exteriorum cum uxores et caros
 carnales sui corporales divitias atque alia que magis in vita
 sua dilexerunt pro que dyabolo homines maxime vexat in fine
 dicitur O miser tu iam relinques omnia temporalia que sollicitu-
 dimus et laborabo maximis suis congregata etiam uxorem
 proles et consanguineos caros carissimos et omnia alia hu-
 jus mundi desiderabilia quorum te societati adhuc interesse
 et magni foret solacium prois quorum magnitudo omnisio.
 Hec et similia dyabolo hominum in extremis de avaritia
 prestat ut sic pro amore et cupiditate terrenorum aueriat
 amore dei et propria salute. Unde singulariter notandum
 quod maxime cauere debet ne cuiquam moriente anima corporales
 vixit liberi diuitie et alia temporalia ad memoria reducat
 nisi inquit illud inquit spiritualis sanitas possidet aut
 regnat quod alias maxime periculosum esset tunc sit ab his que
 spiritus et salutis sunt que maxime tunc omnibus vitiis interioribus
 et exterioribus intendendum est reuocaretur ad ista
 misera temporalia et carnalia tunc cum maxima so-
 licitudine a memoria et mente remouenda in quibus
 certe tunc occupari est ualde periculosum.

These early-nineteenth-century engravings illustrate Gutenberg's system for casting type.

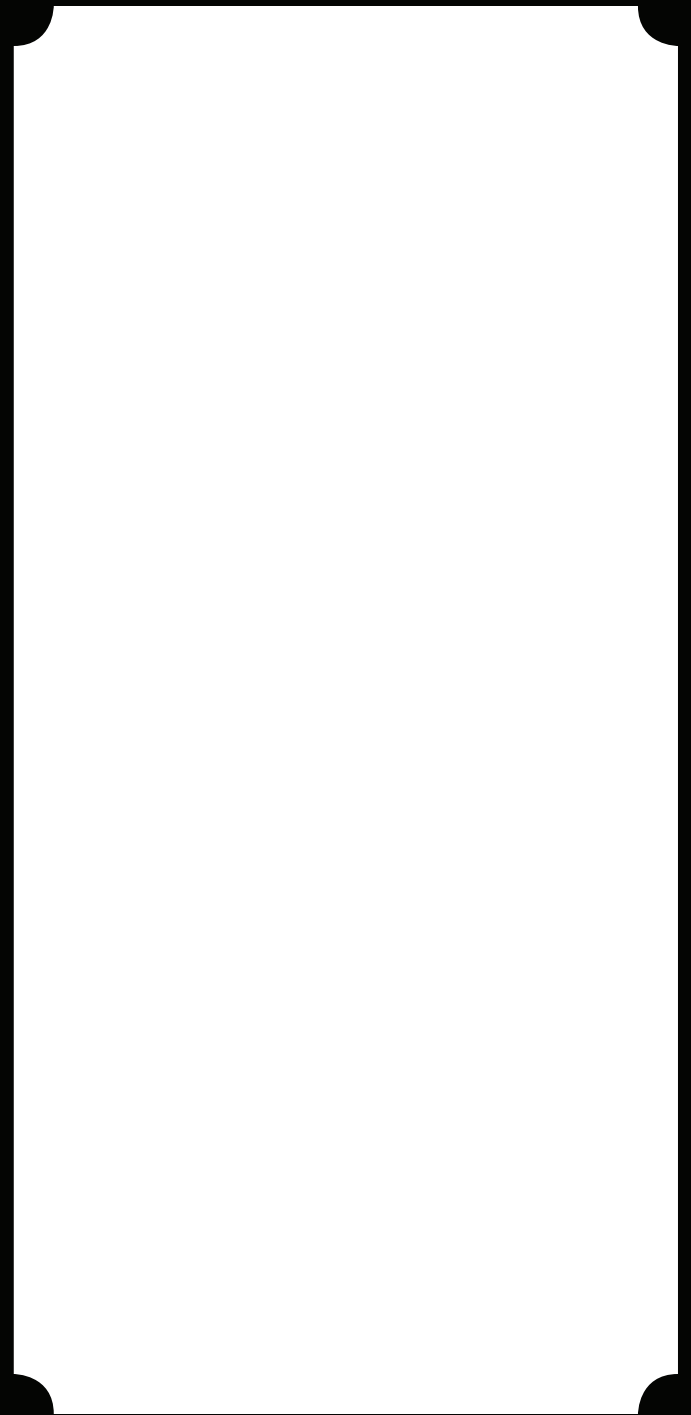


Johann Gutenberg, pages from the 42-Line Bible, 1450-55. The superb typographic legibility and texture, generous margins, and excellent presswork make this first printed book a canon of quality that has seldom been surpassed. An illuminator added the red and blue headers, initials, and text by hand.

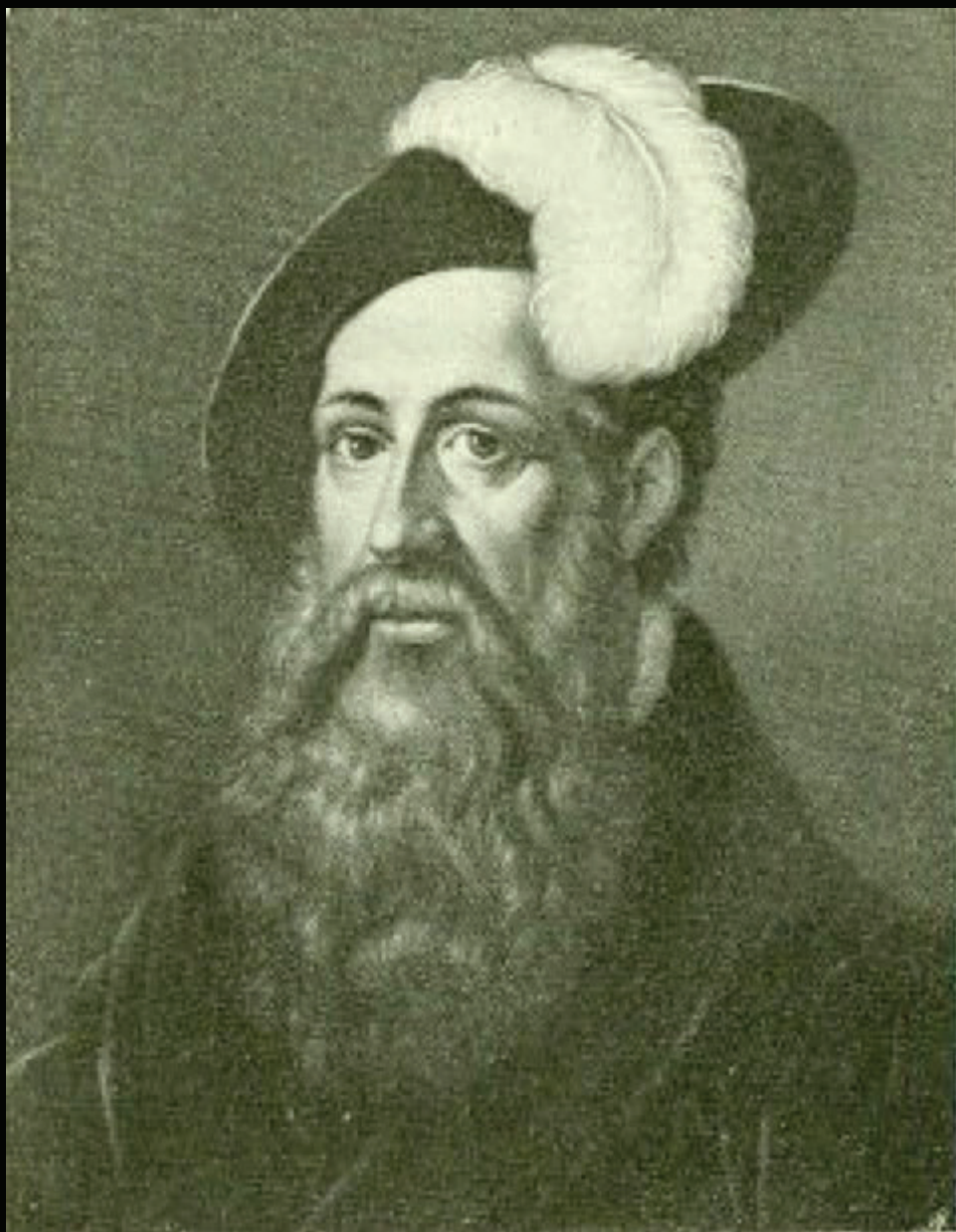




A reproduction of Gutenberg's press.

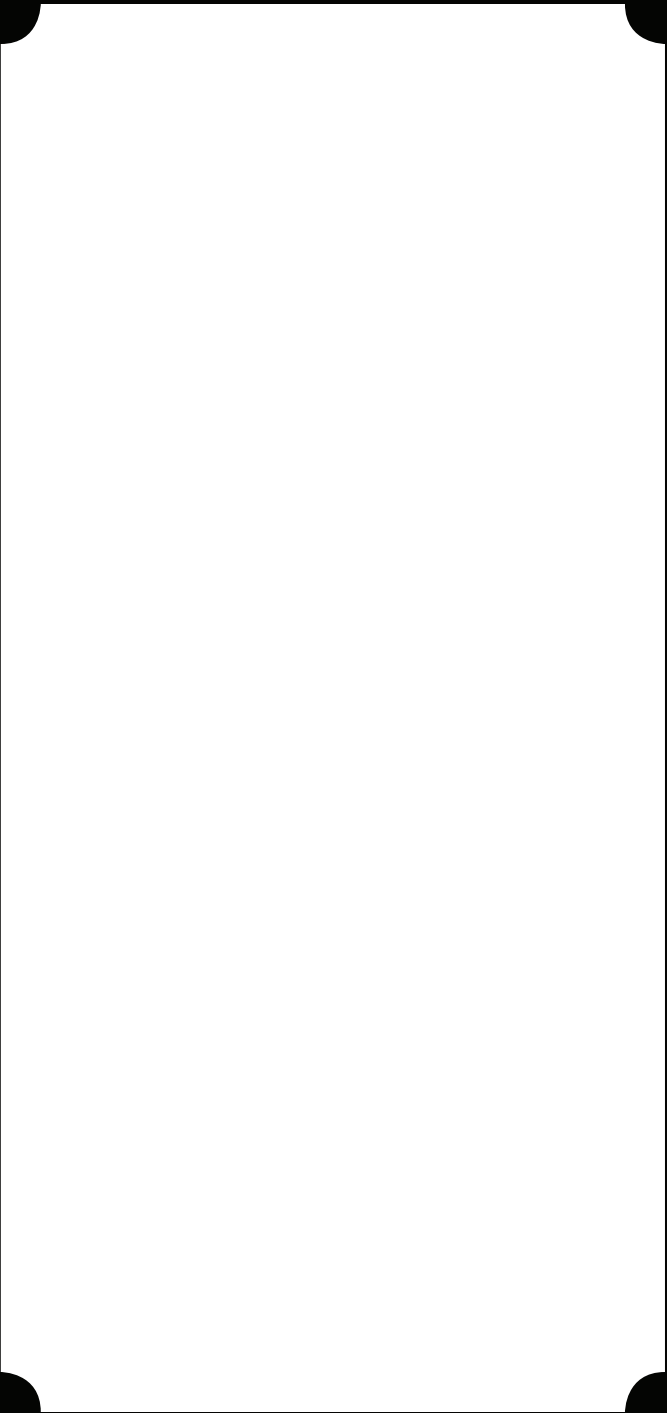


Johann Fust





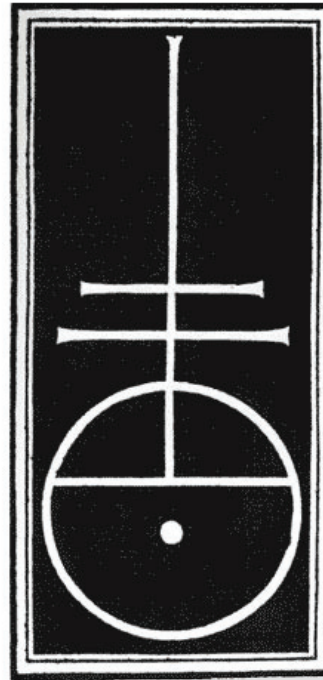
Venice.



Attributed to Nicolas Jenson, mark for the Society of Venetian Printers, 1481.
One of man's oldest symbols, the orb-and-cross motif is found in a chamber of Cheops's pyramid at Giza, where it was hewn into stone as a quarry mark.



Nicolas Jenson 1420-1480

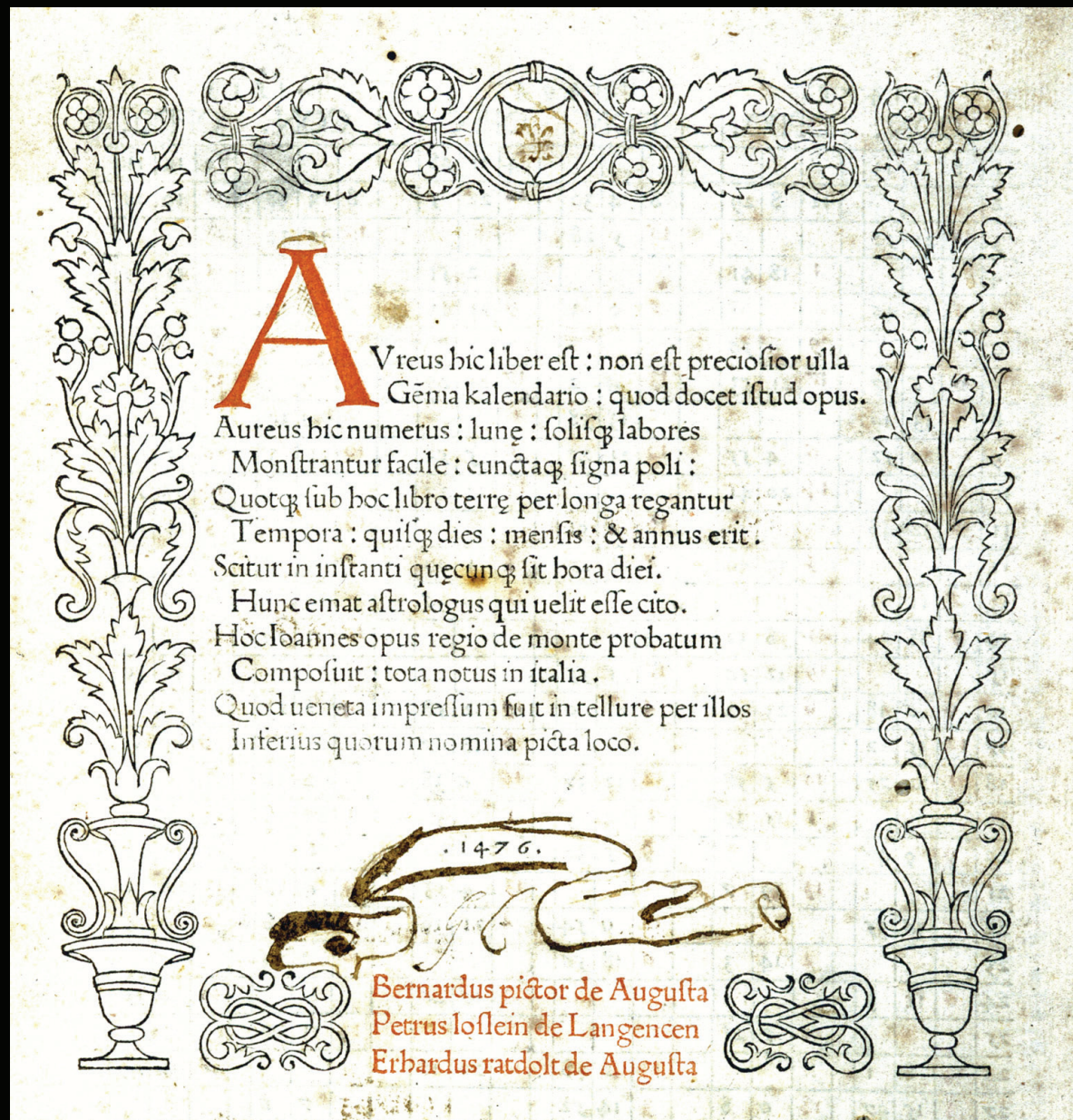


Jenson's typographer's mark

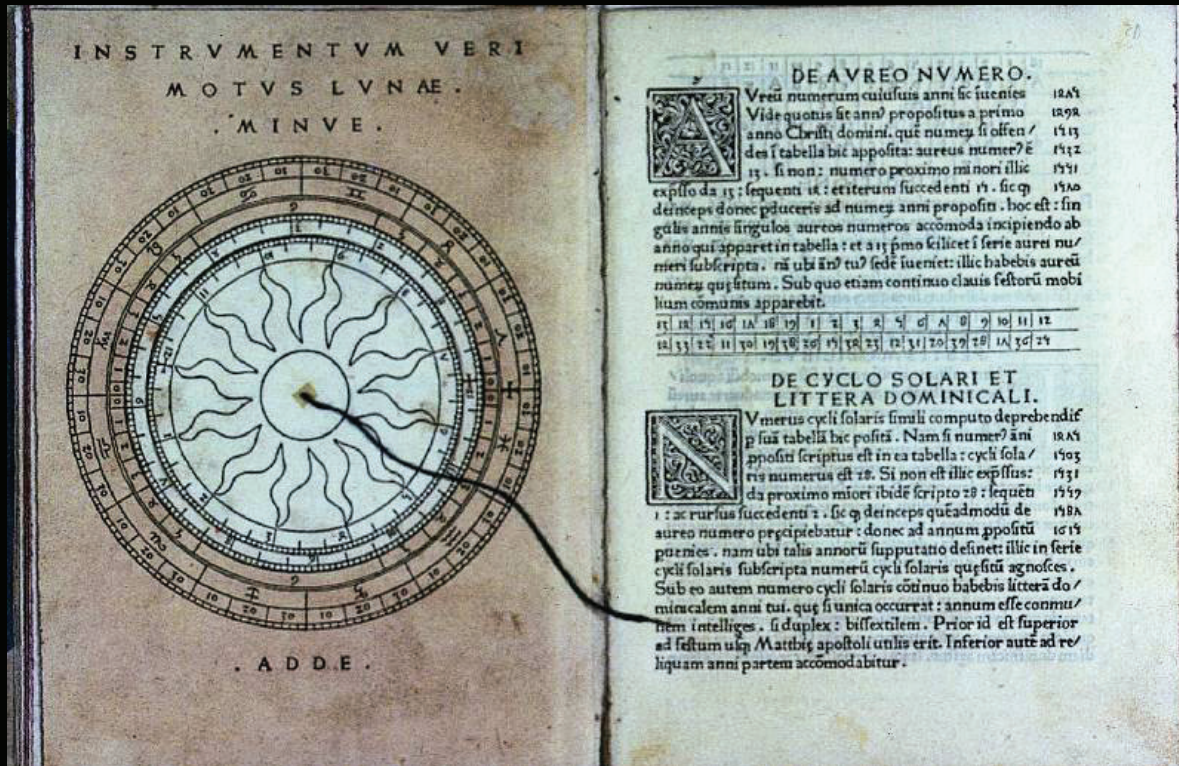
Nicolas Jenson, typography from Eusebius's *De Praeparatione Evangelica*, 1470.
A new standard of excellence was established with wider letterforms, lighter
tone, and a more even texture of black strokes on the white ground.

Hæc igitur inspiciēs diuinus ille uir mœnibus ferreis & iuiolabili
a cæteris gētibus separe nos uoluit: quo pacto facilius corpore a
īmaculatos lōgeq; ab huiuscemodi falsis opinioībus remotos for

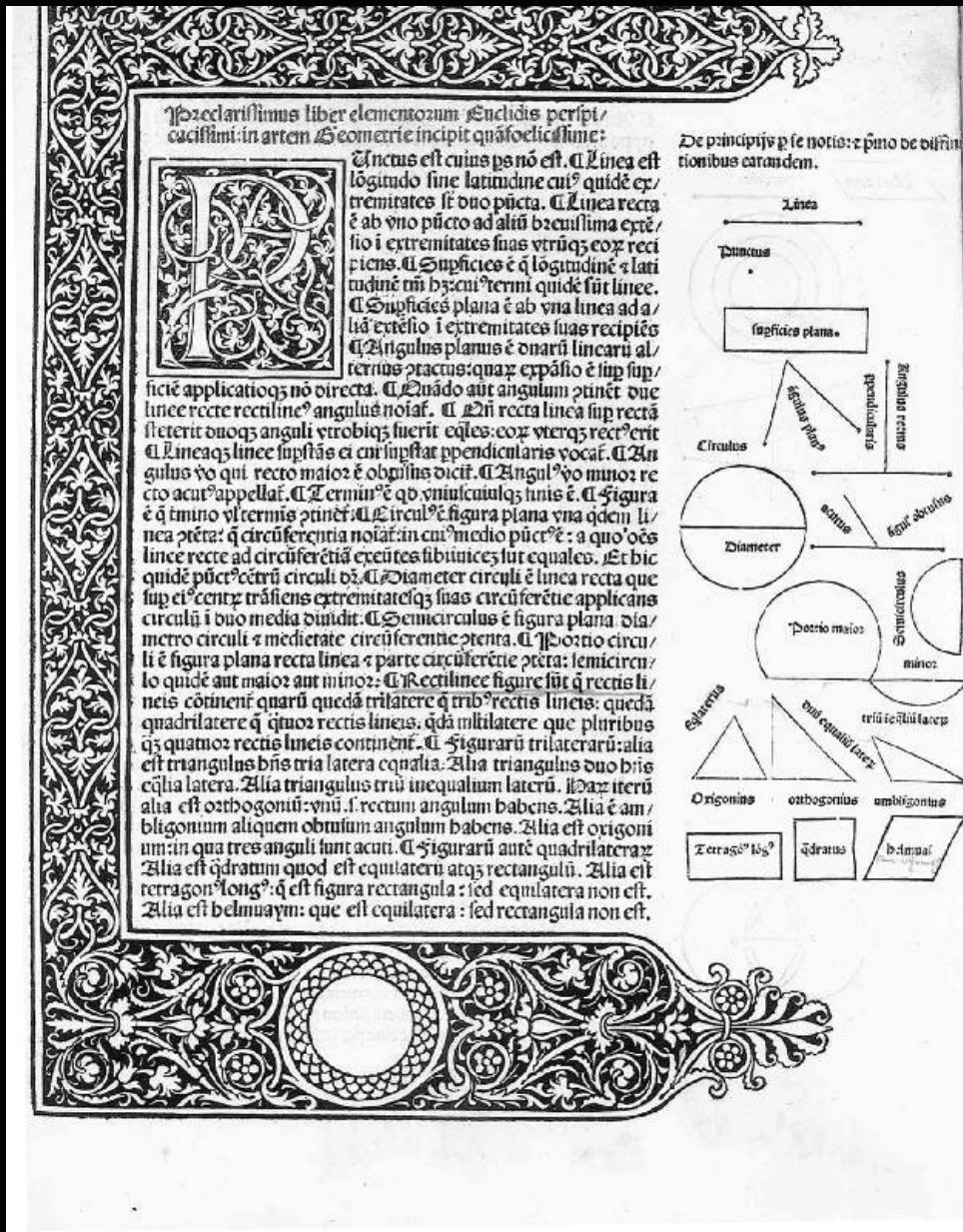
Erhard Ratdolt, Peter Loeslein, and Bernhard Maier, title page for *Calendarium*, by Regiomontanus, 1476. The title and author are identified in verse describing the book. The date and printers' names in Latin appear below.



Erhard Ratdolt, Peter Loeslein, and Bernhard Maier, pages from *Calendarium*, by Regiomontanus, 1476. The two top circles are printed on heavy paper, cut out, and mounted over the larger woodcut with tape and a string.



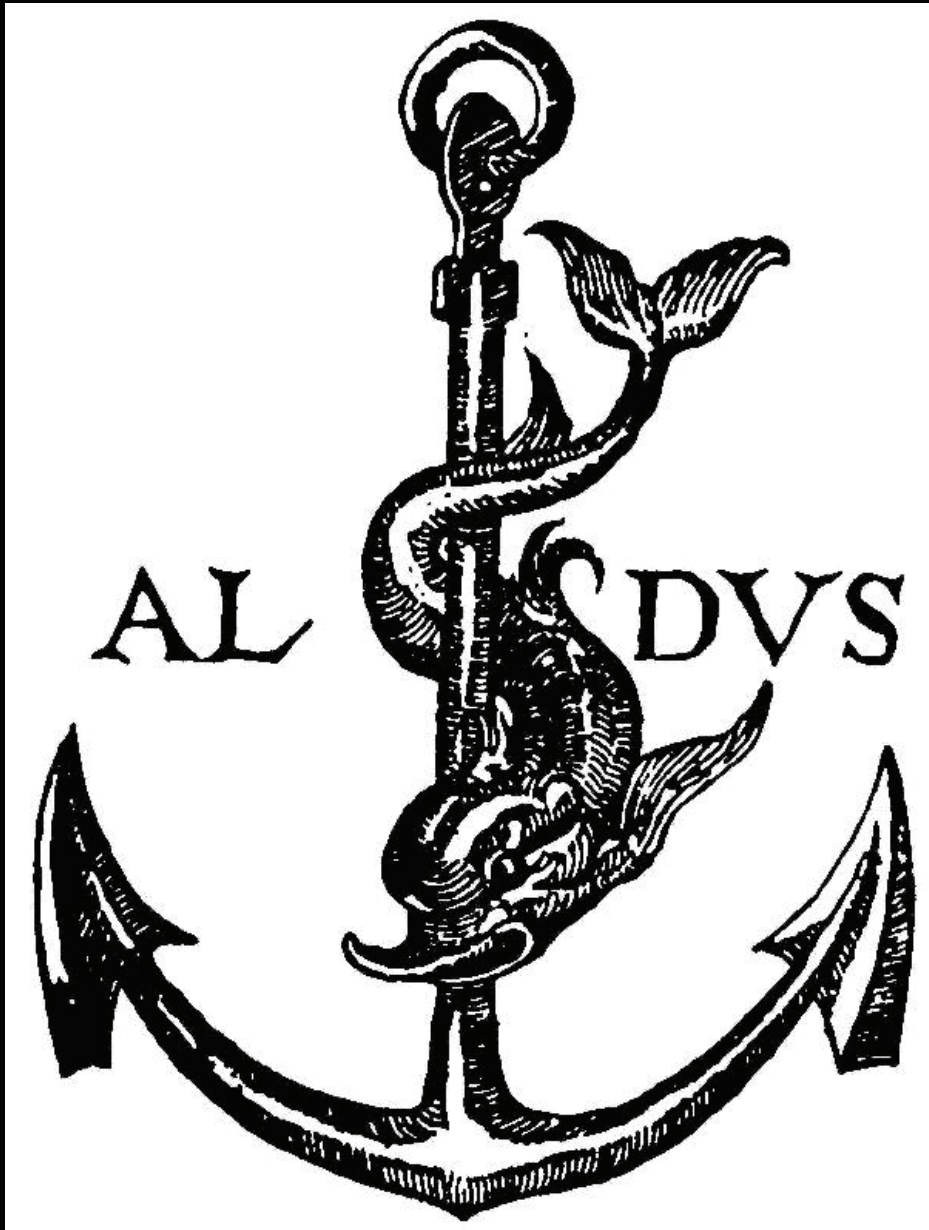
Erhard Ratdolt, Peter Loeslein, and Bernhard Maier, title page for Euclid's *Geometriae Elementa*, 1482. A dazzling white-on-black design brackets the text, and incredibly fine line diagrams in the wide margin visually define Euclid's terms.



Aldus Mautius, from Pietro Bembo's *De Aetna*, 1495–96. As the model for Garamond in the sixteenth century, this typeface became the prototype for two centuries of European typographic design.

in quo quidem nolo ego te il-
irari, quod uulgi solet: magnū
et tantas flammās, tam inmen-
post hominum memoriā sem-
isse, quo alerētur: quid est enim
ui coeli conuexa; qui terras o-
mni naturam respicimus; nihil
aest, quod mirum uoces: si rem.

Aldus Manutius, printer's trademark, c. 1500. The swiftest of sea creatures combines with an anchor to signify the epigram, "Make haste slowly."



Geoffroy Tory, pages from the manuscript book *Les heures de Jean Lallemand*, 1506. The armorial frontispiece and forty vignettes have orderly rows of the Latin alphabet's twenty-three letterforms over a blue field with red and white stripes.



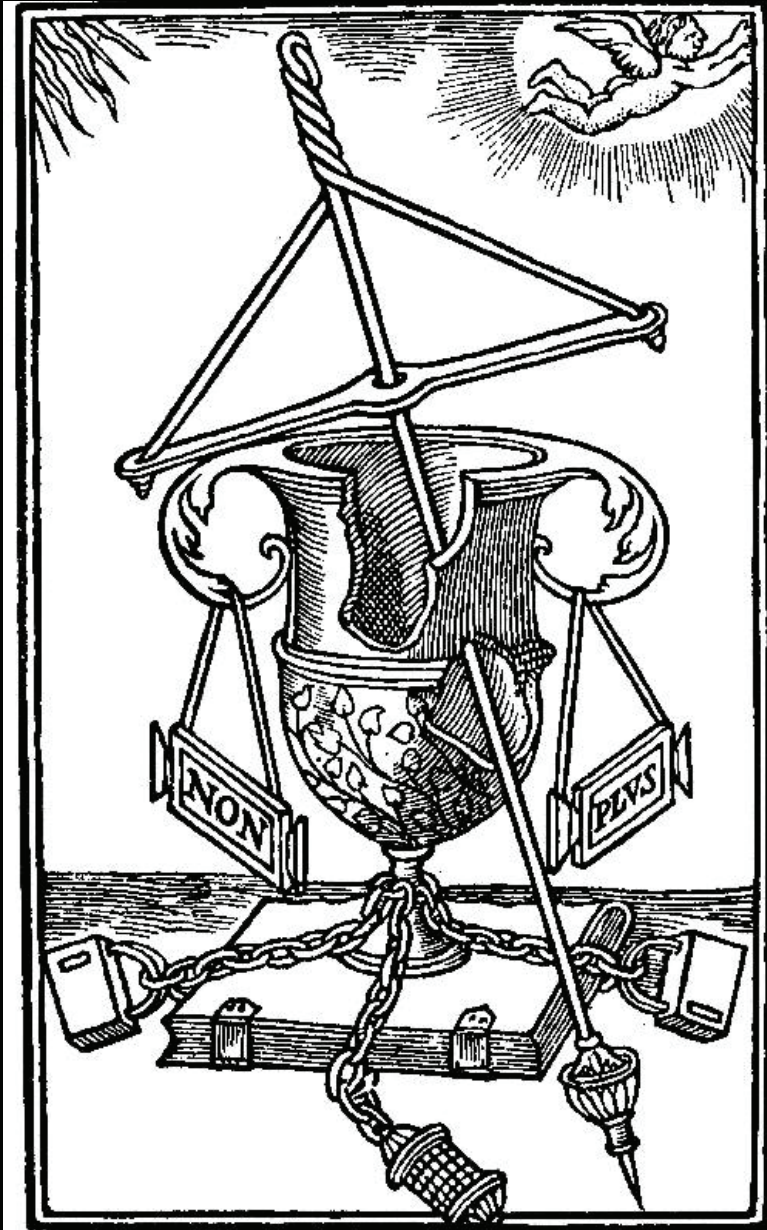
Initium sancti euangelii secū-
dum Ioannem. Gloria tibi domi-
ne.



In prin-
cipio e-
rat verbum et
verbum erat a-
pud deum, et
deus erat ver-

bum. Hoc erat in principio apud
deum. Omnia per ipsum facta
sunt: et sine ipso factum est ni-
hil quod factum est. In ipso vi-
ta erat: et vita erat lux hominū
et lux in tenebris lucet, et tene-
brae eam non comprehendebat.
Fuit homo missus a deo, cui no-
men erat Ioannes. Hic venit in
testimonium vt testimonium
perhiberet de lumine, vt omnes
crederent per illum. Non erat ille
lux, sed vt testimonium perhibe-

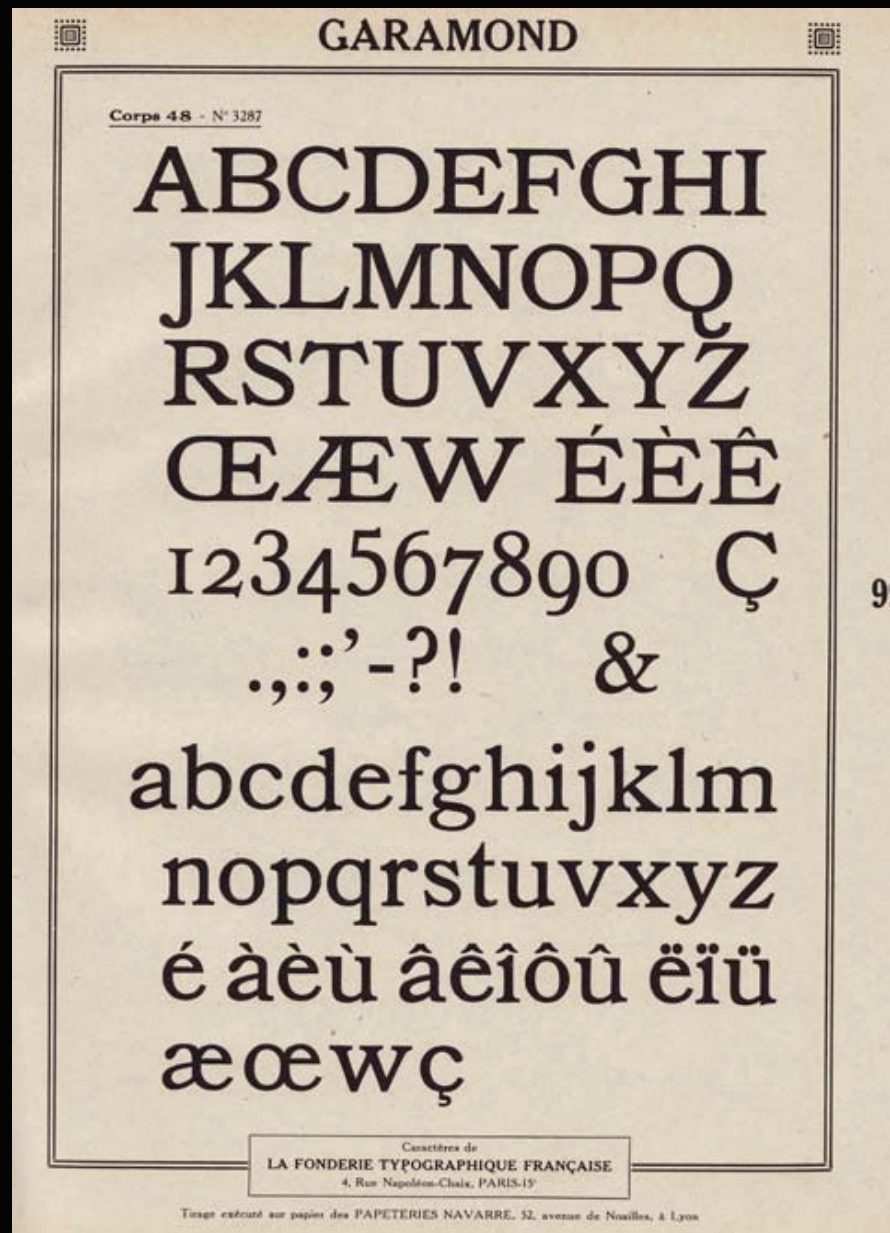
Geoffroy Tory, pot cassé emblem, 1524. Later, Tory explained that the broken jar symbolized one's body, the toret or auger symbolized fate, and the book held shut by three padlocked chains signified the book of a life after it is shut by death.



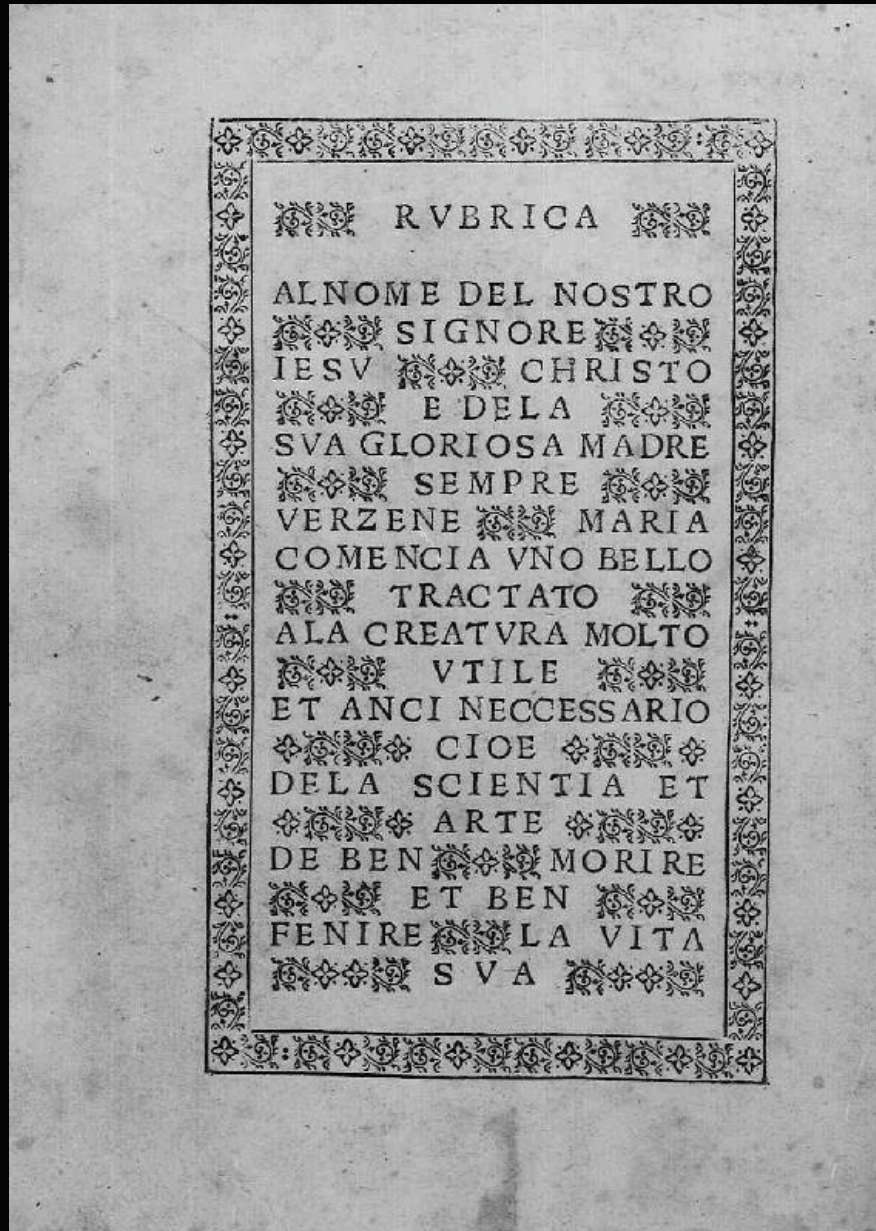
Geoffroy Tory, capital from a series of criblé initials, c. 1526. Engraved for Robert Estienne, this alphabet of roman capitals brought elegance and “color” to the pages of books printed at Estienne’s press.



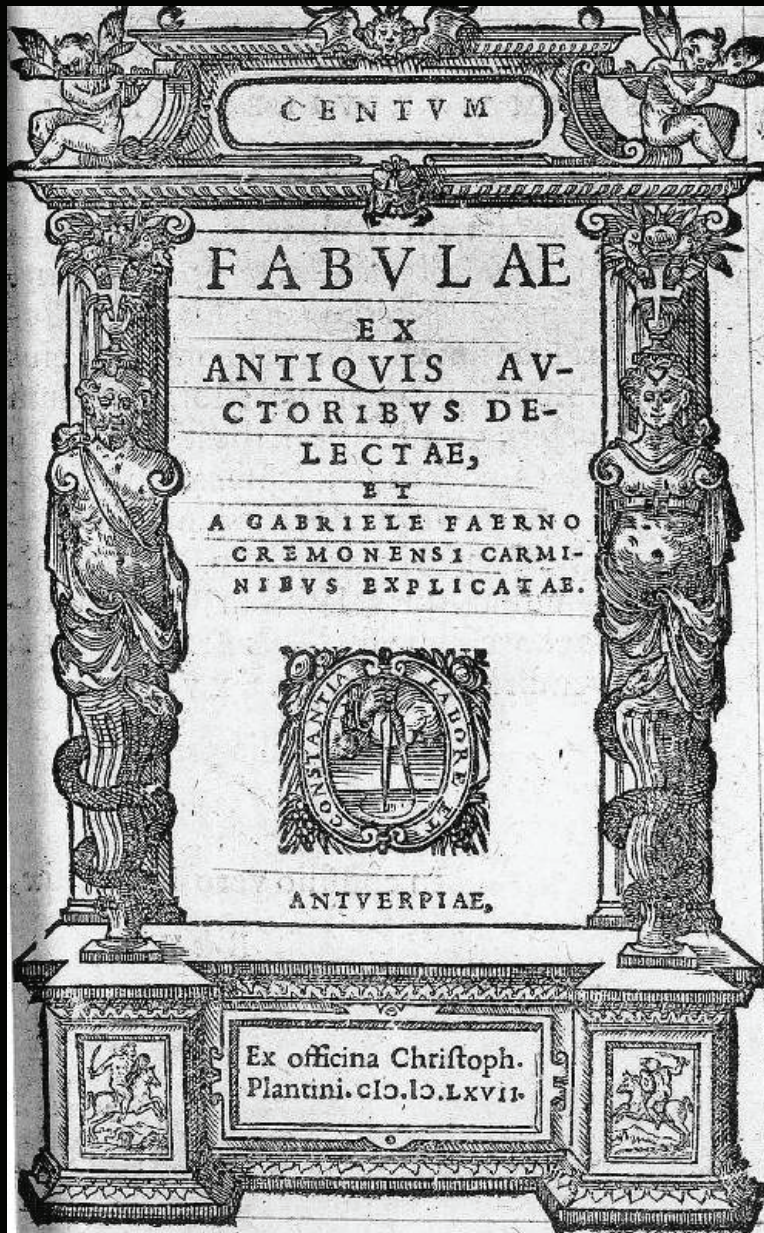
Claude Garamond, the great French typesetter of the sixteenth century, immortalized here by the Fonderie Typographique Française around 1920.



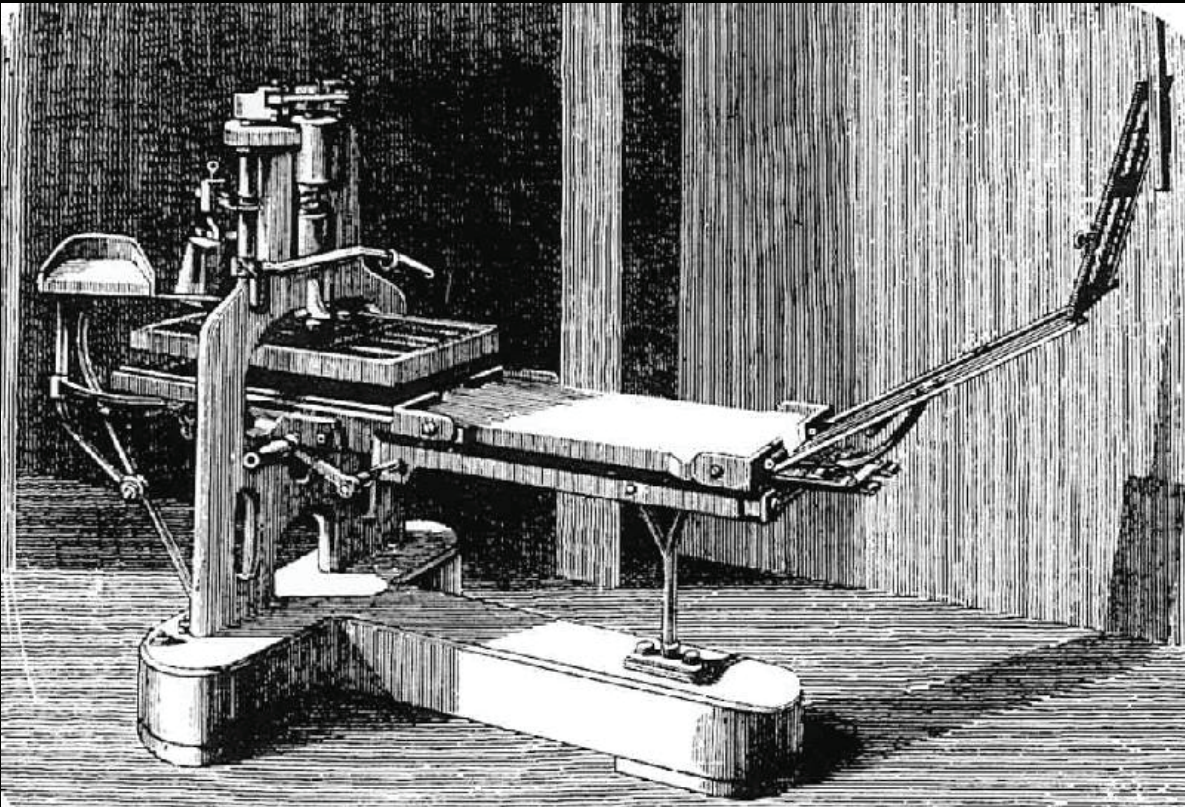
Giovanni and Alberto Alvisi, title page from *Ars Moriendi*, 1478. The vocabulary of graphic design possibilities was expanded by the design and casting of metal decorative ornaments that could be composed as part of the page along with type.



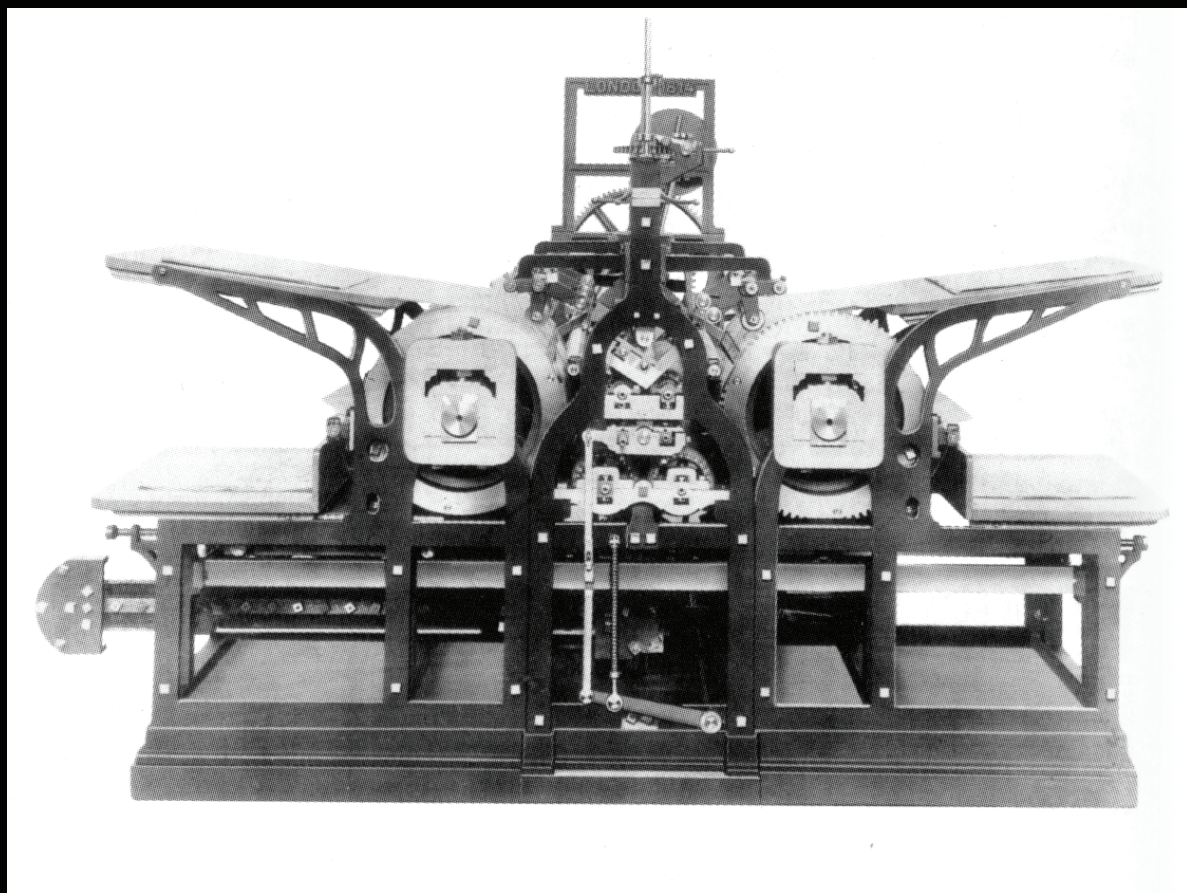
Christophe Plantin, title page for *Centvm fabvlae ex antiqvis* (*A Hundred Old Stories*), by Gabriello Faerno, 1567. Dignified and architectural, this title page is typical of the Plantin house style.



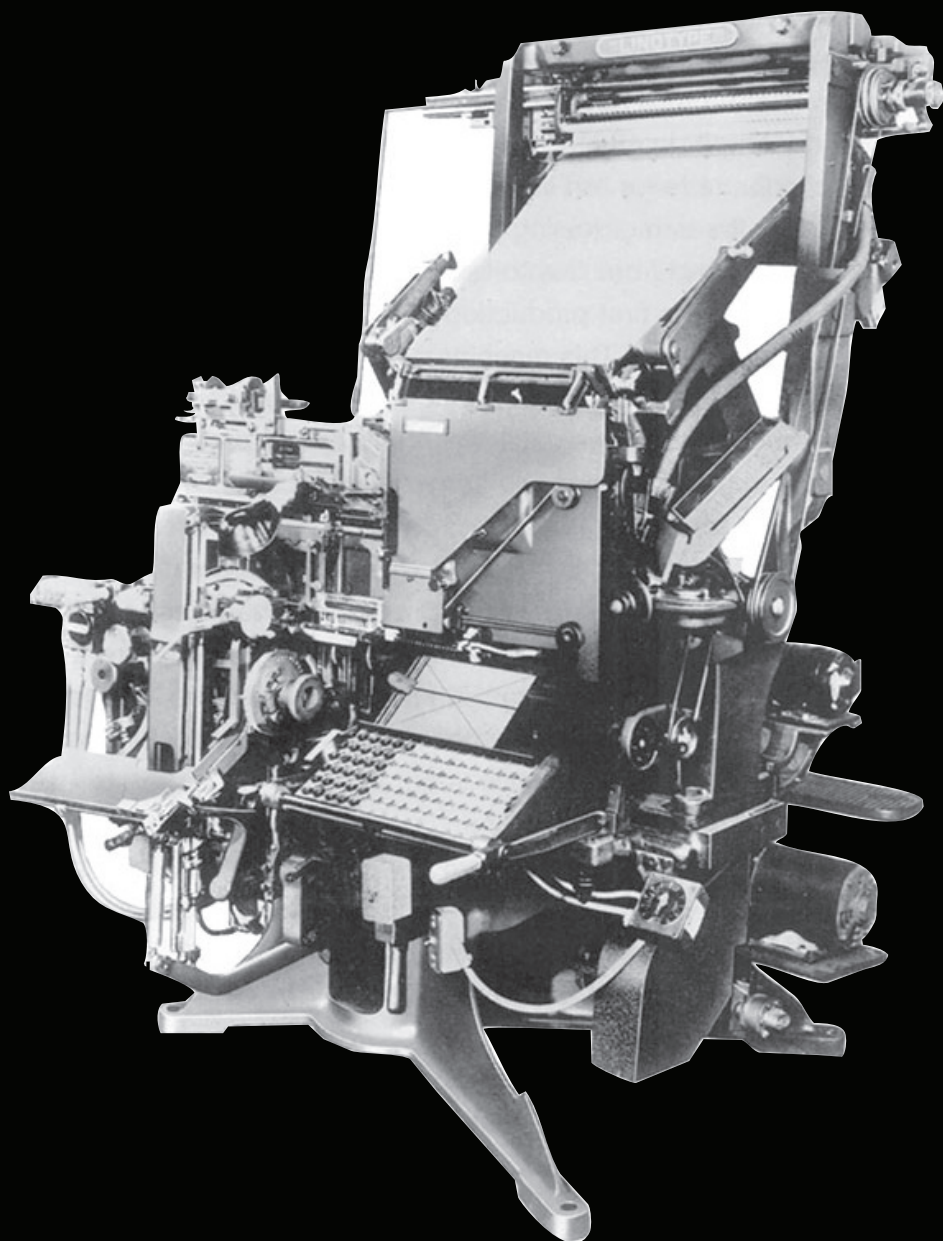
This engraved illustration depicts the printing press of all-iron parts invented in England by Charles, third Earl of Stanhope.



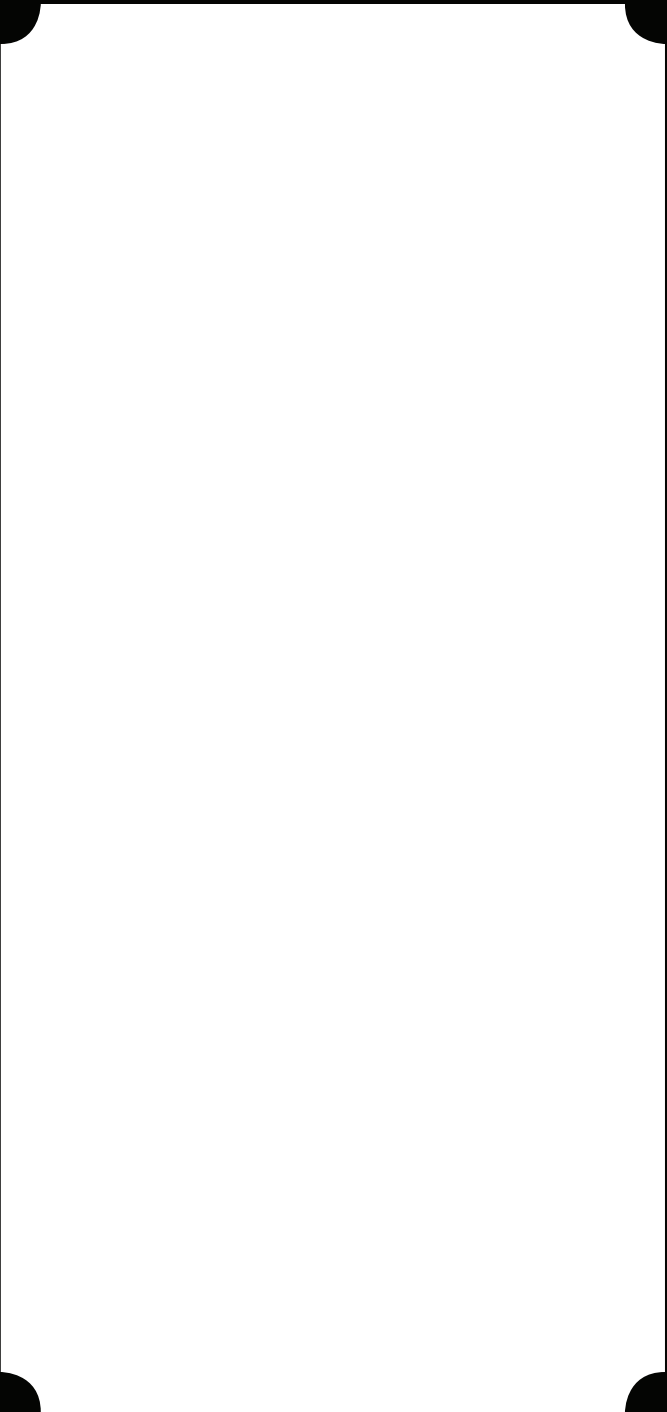
The first steam-powered cylinder press, 1814. Koenig's invention caused the speed of printing to skyrocket, while its price dropped considerably.



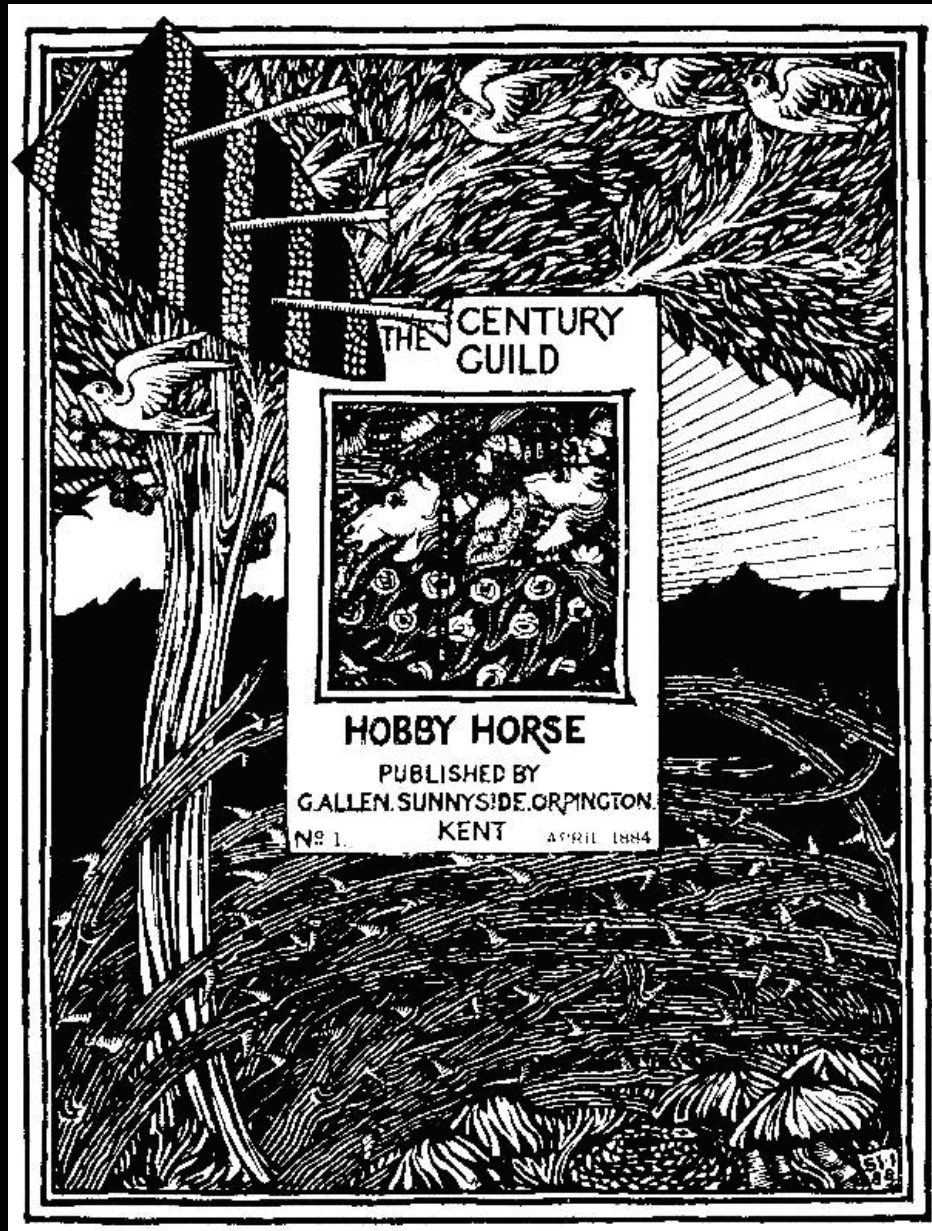
The Model 5 Linotype became the workhorse of typesetting, with keyboards and matrixes available in over a thousand languages.



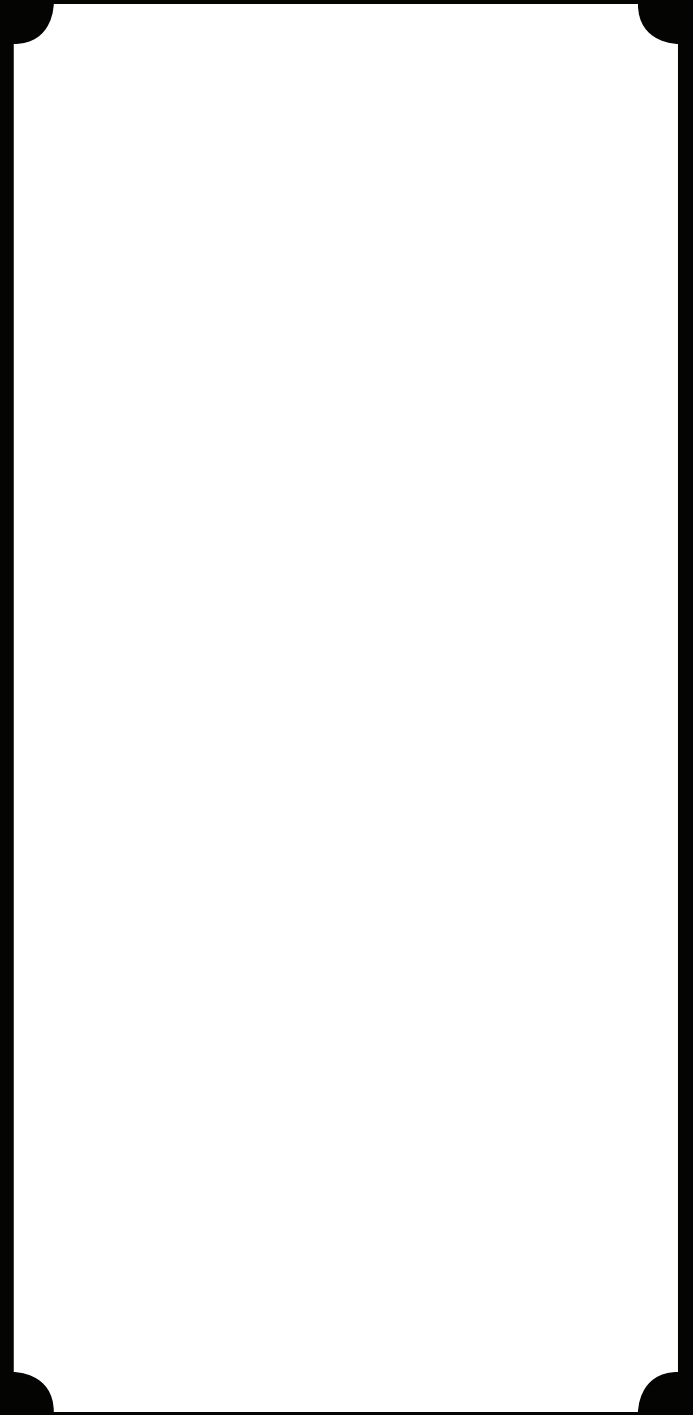
William Morris



Selwyn Image, title page to *The Century Guild Hobby Horse*, 1884. Packing it with detail, Image designed a “page within a page” that reflects the medieval preoccupation of the Arts and Crafts movement.



Selwyn Image, woodcut from *The Hobby Horse*, 1886. The potential of shape and pattern as visual means to express thought and feeling is realized in this graphic elegy for illustrator/engraver Arthur Burgess.

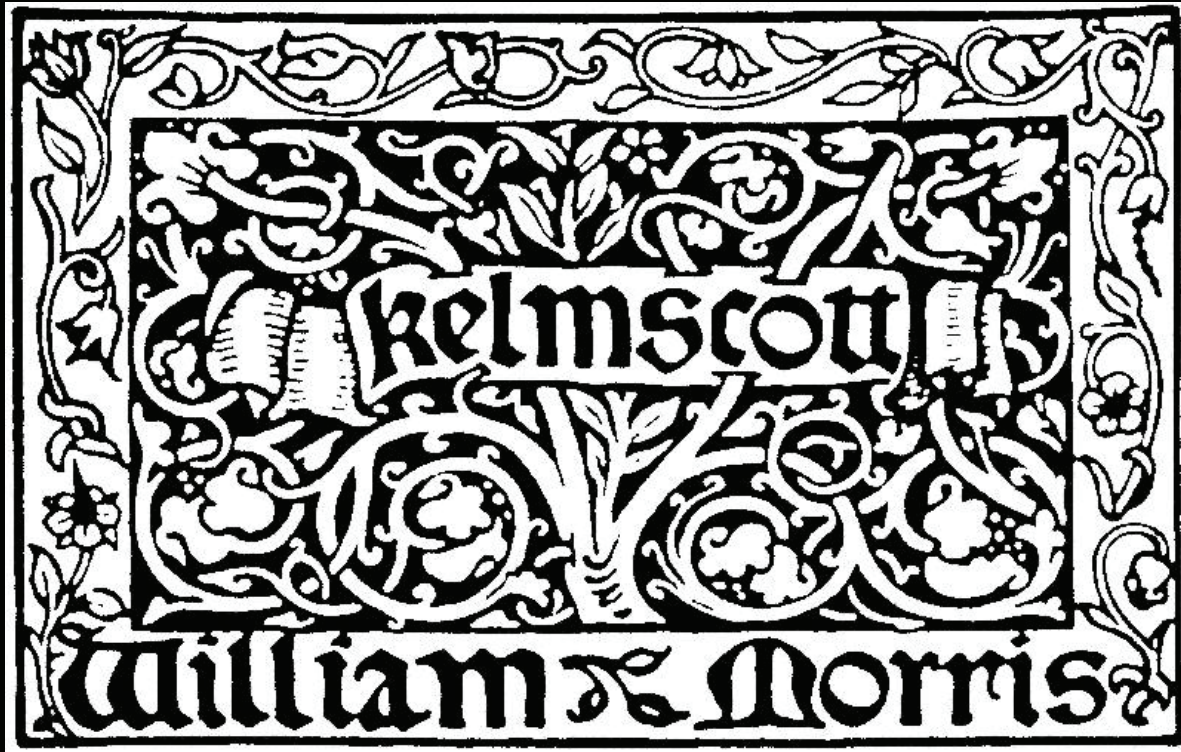


William Morris, Golden typeface, 1888-90. This font inspired renewed interest in Venetian and Old Style typography.

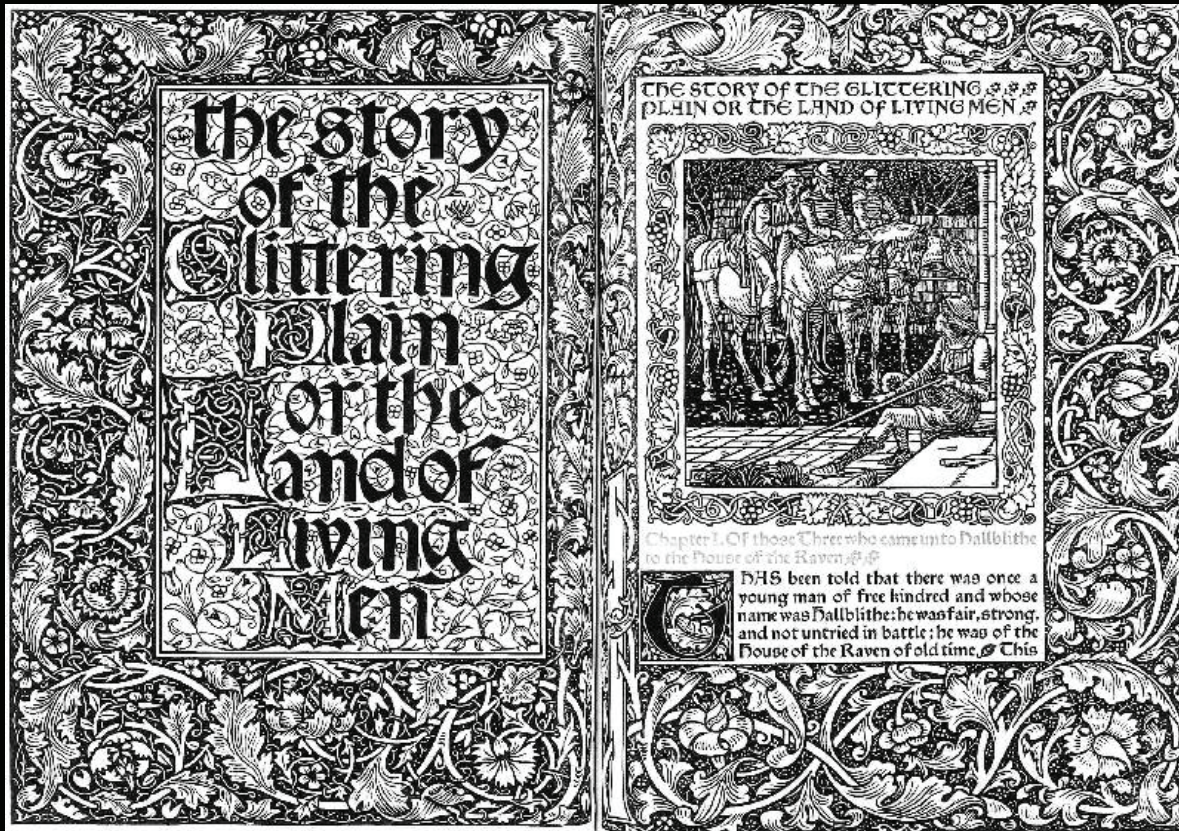
THE ARTS AND CRAFTS OF TODAY.
BEING AN ADDRESS DELIVERED IN
EDINBURGH IN OCTOBER, 1889. BY
WILLIAM MORRIS.

'Applied Art' is the title which the Society has chosen for that portion of the arts which I have to speak to you about. What are we to understand by that title? I should answer that what the Society means by applied art is the ornamental quality which men choose to add to articles of utility. Theoretically this ornament can be done without, and art would then cease to be 'applied' ... would exist as a kind of abstraction, I suppose. But though this ornament to articles of utility may be done without, man up to the present time has never done without it, and perhaps never will; at any rate he does not propose to do so at present, although, as we shall

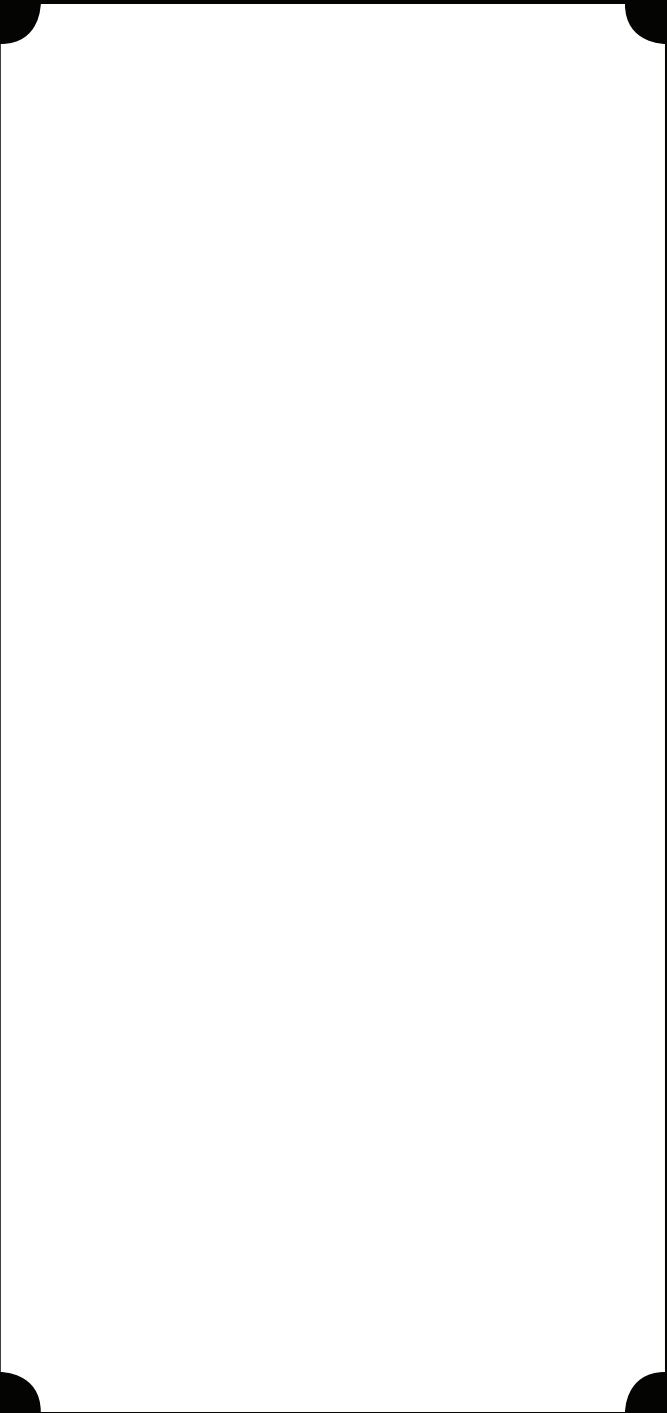
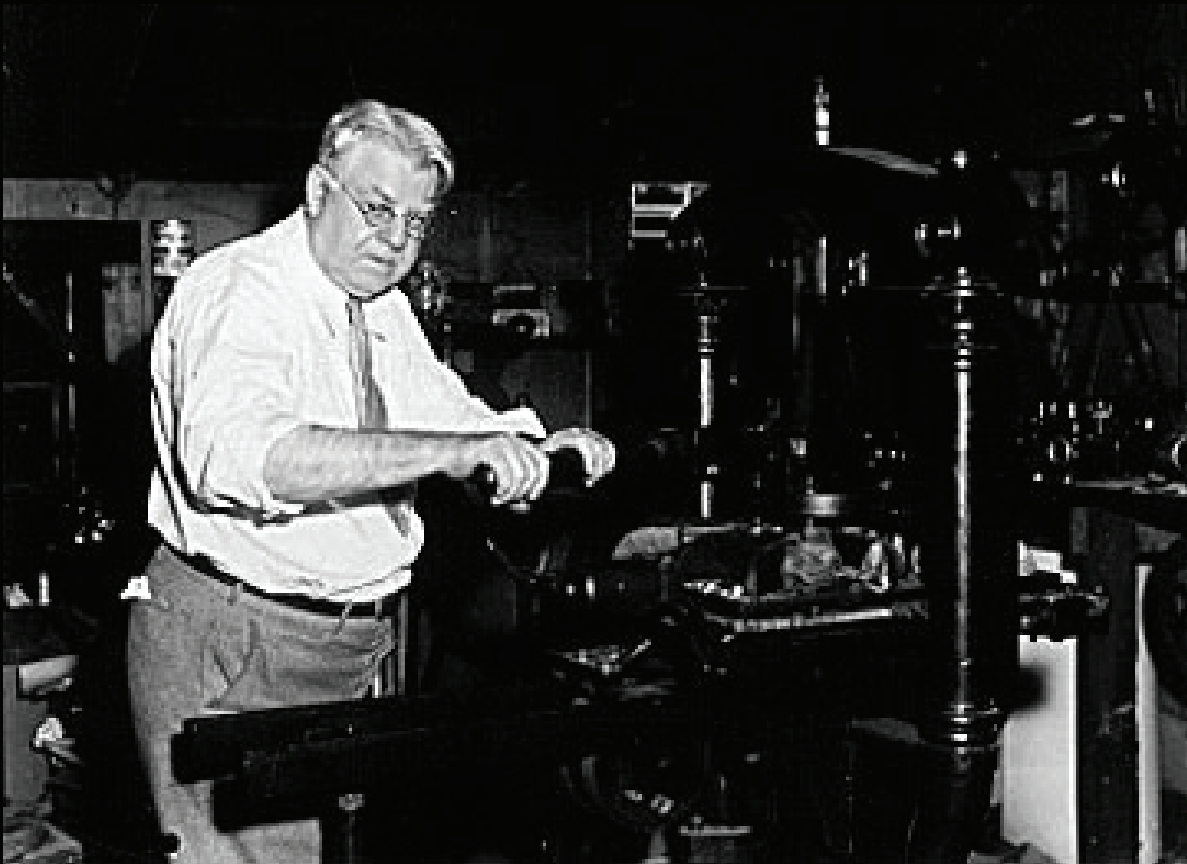
William Morris, trademark for the Kelmscott Press, 1892.



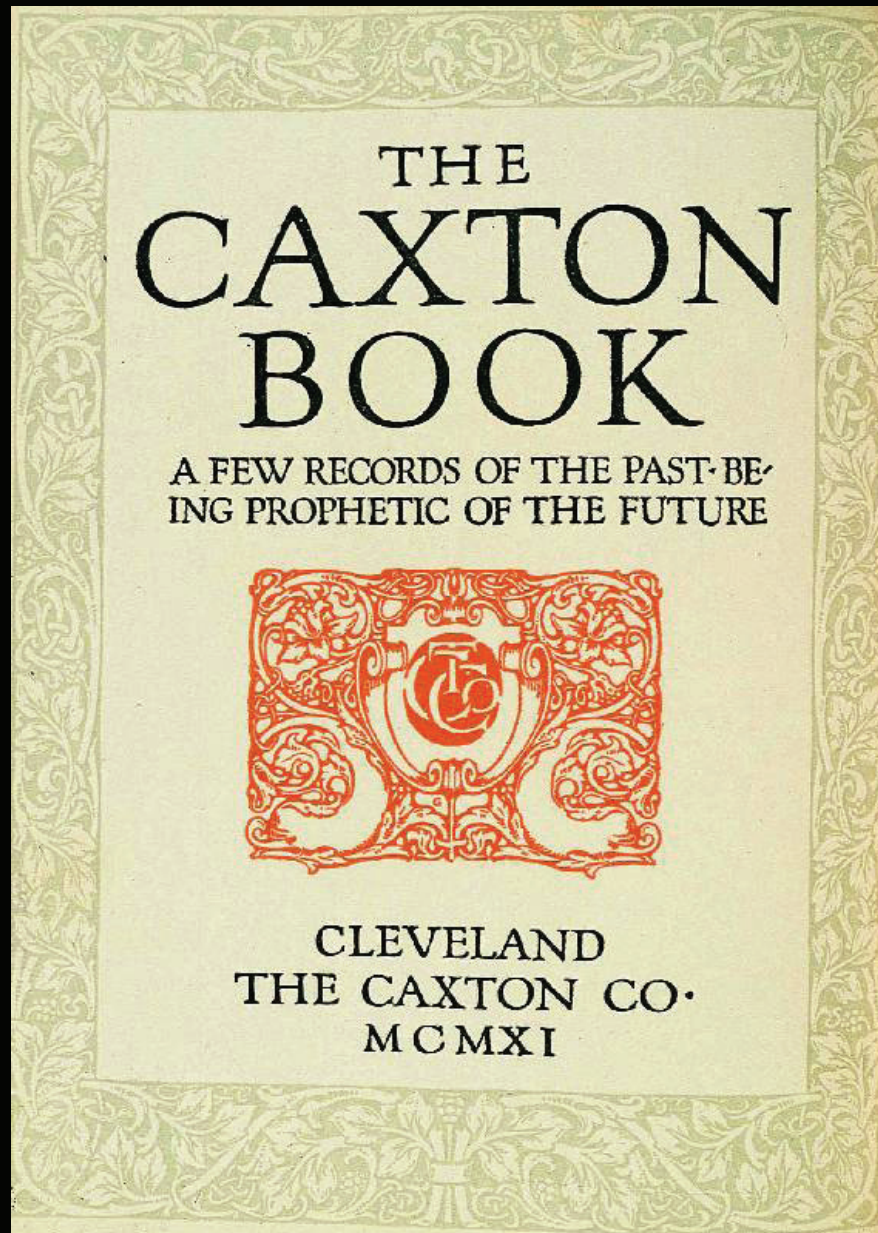
William Morris (designer) and Walter Crane (illustrator), title-page spread for *The Story of the Glittering Plain*, 1894. Operating on his compulsion to ornament the total space, Morris created a luminous range of contrasting values.



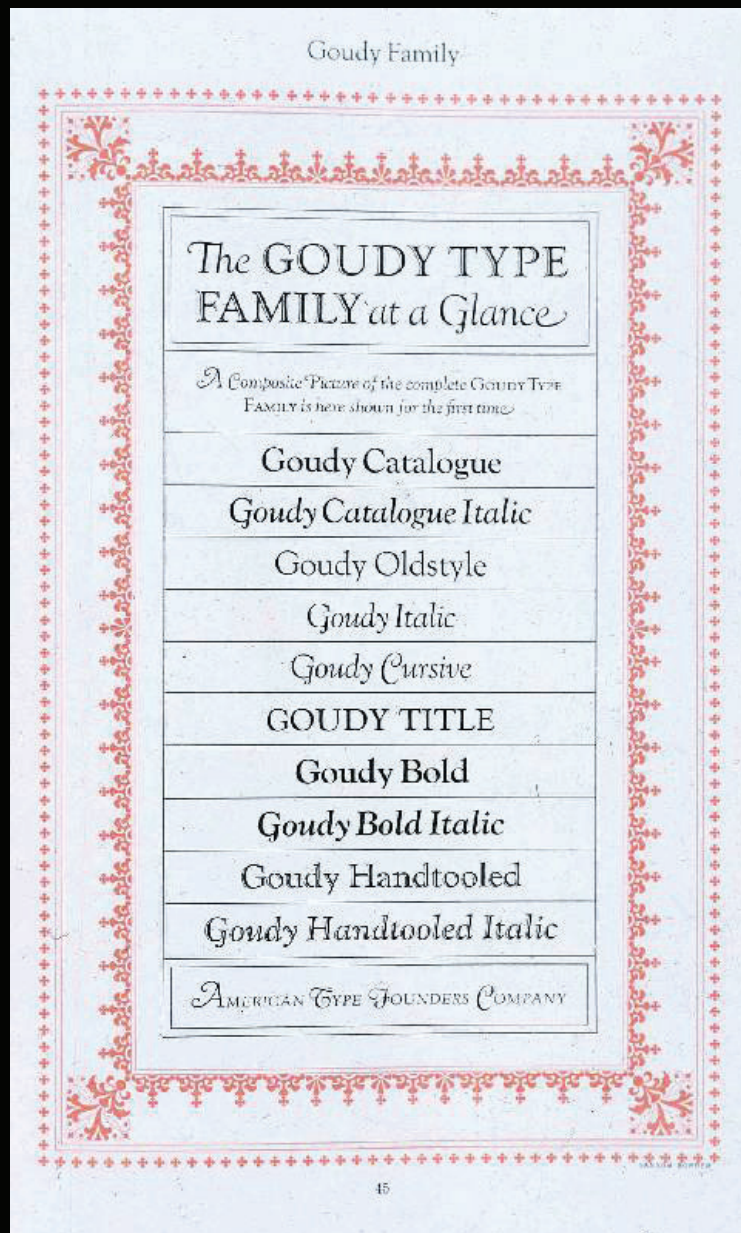
Frederic W. Goudy



Frederic W. Goudy, booklet cover, 1911. The ideals of the Arts and Crafts movement were actualized in printing for commerce.




Page 45 from American Type Founders' Specimen Book and Catalogue 1923 presented the Goudy series of Old Style fonts, including fonts designed by others.



Bruce Rogers, page from *The Centaur*, by Maurice de Guérin, 1915. The headpiece, initial, and page layout echo the wonderful graphic designs of the French Renaissance.

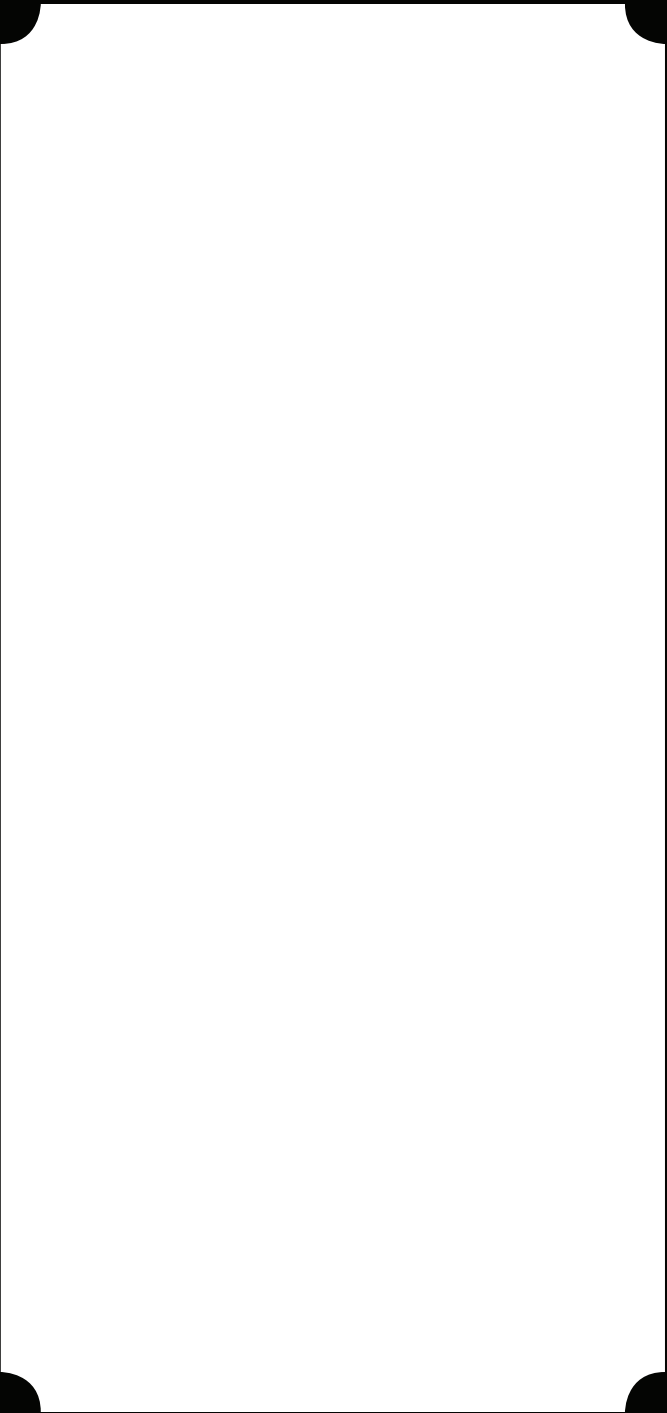
THE CENTAUR. WRITTEN BY MAURICE DE
GUÉRIN AND NOW TRANSLATED FROM THE
FRENCH BY GEORGE B. IVES.

 Was born in a cavern of these mountains. Like the river in yonder valley, whose first drops flow from some cliff that weeps in a deep grotto, the first moments of my life sped amidst the shadows of a secluded retreat, nor vexed its silence. As our mothers draw near their term, they retire to the caverns, and in the innermost recesses of the wildest of them all, where the darkness is most dense, they bring forth, uncomplaining, offspring as silent as themselves. Their strength-giving milk enables us to endure without weakness or dubious struggles the first difficulties of life; yet

The first mouse, a small wooden box on steel wheels, was invented by scientist Douglas C. Engelbart in the 1960s at the federal government's Augmentation Research Center



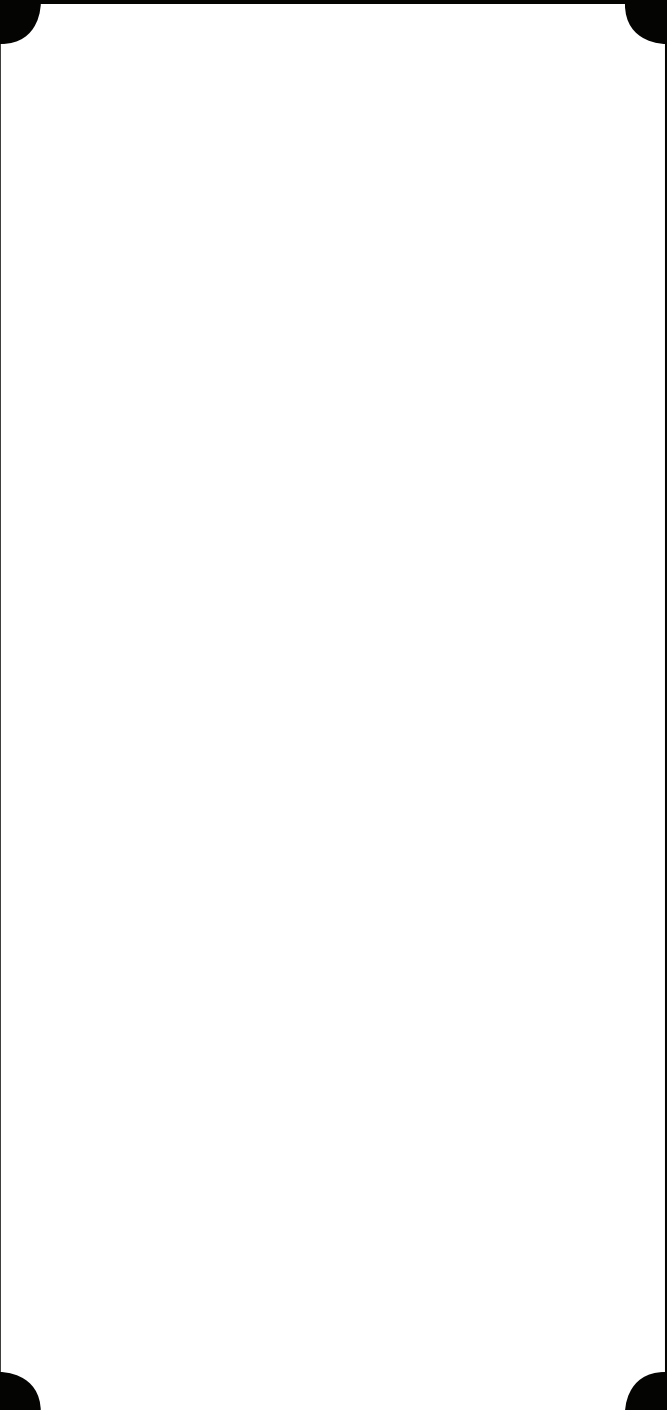
Underside of the first mouse.



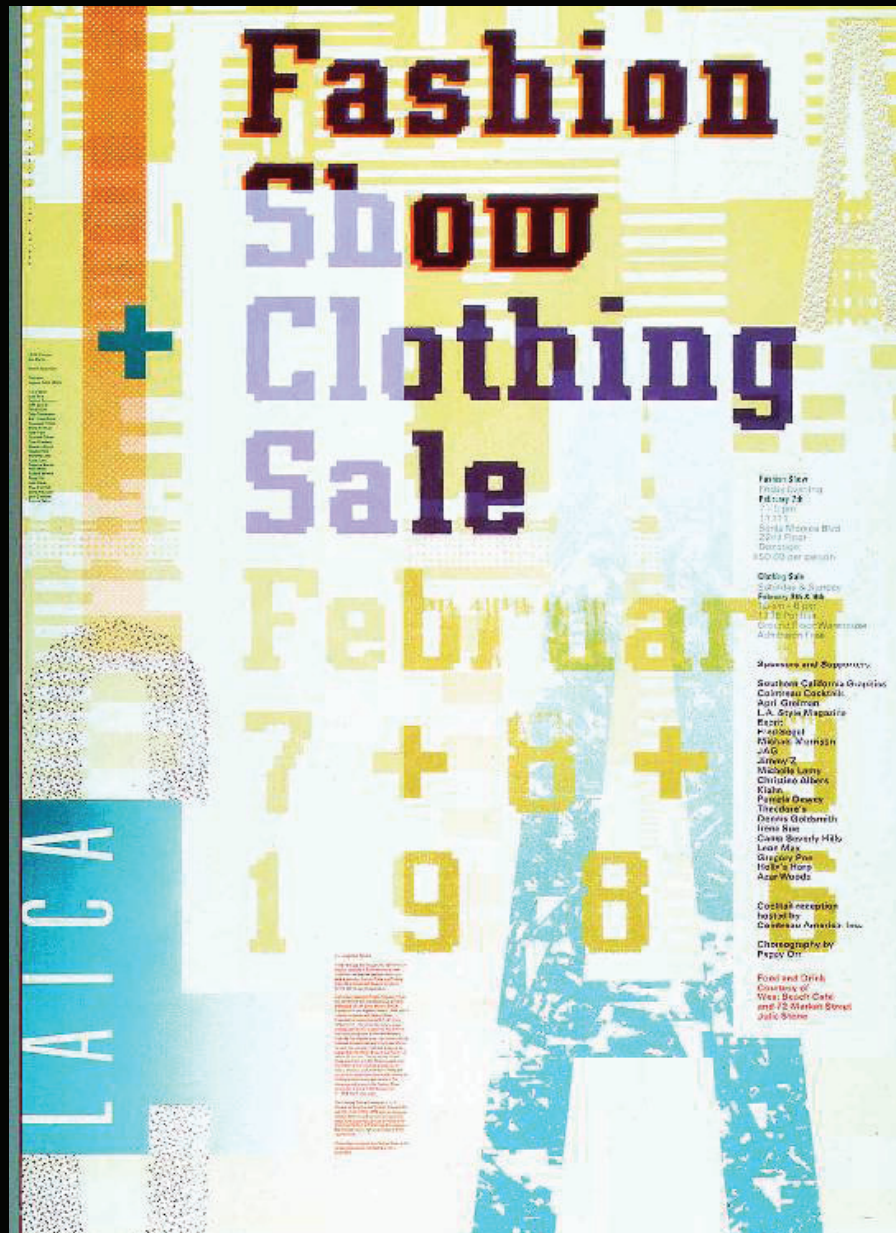
The Macintosh, 1984.



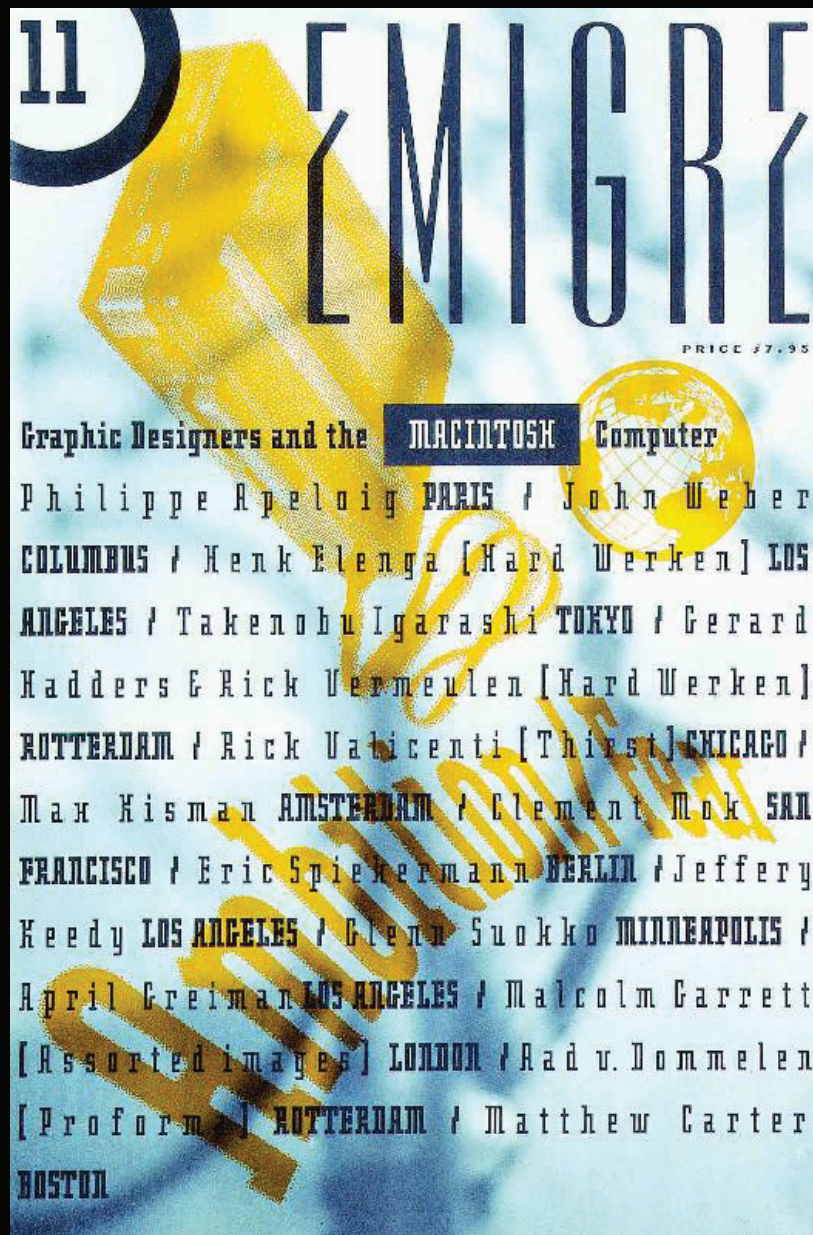
Zuzana Licko & Rudy Vanderlans



April Greiman, poster for the Los Angeles Institute of Contemporary Art, 1986. Computer output, printed as layers of lavender, blue-gray, red-orange, and tan, overlap and combine into an even fuller palette of color.



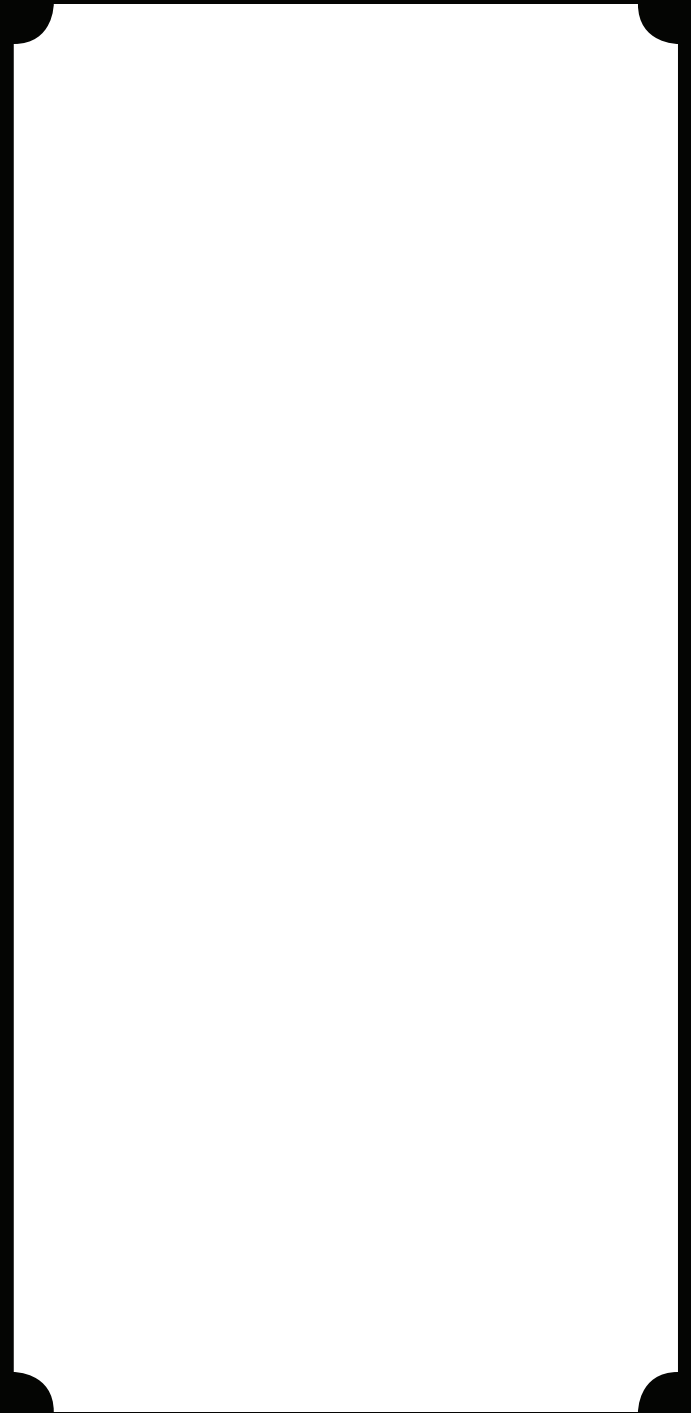
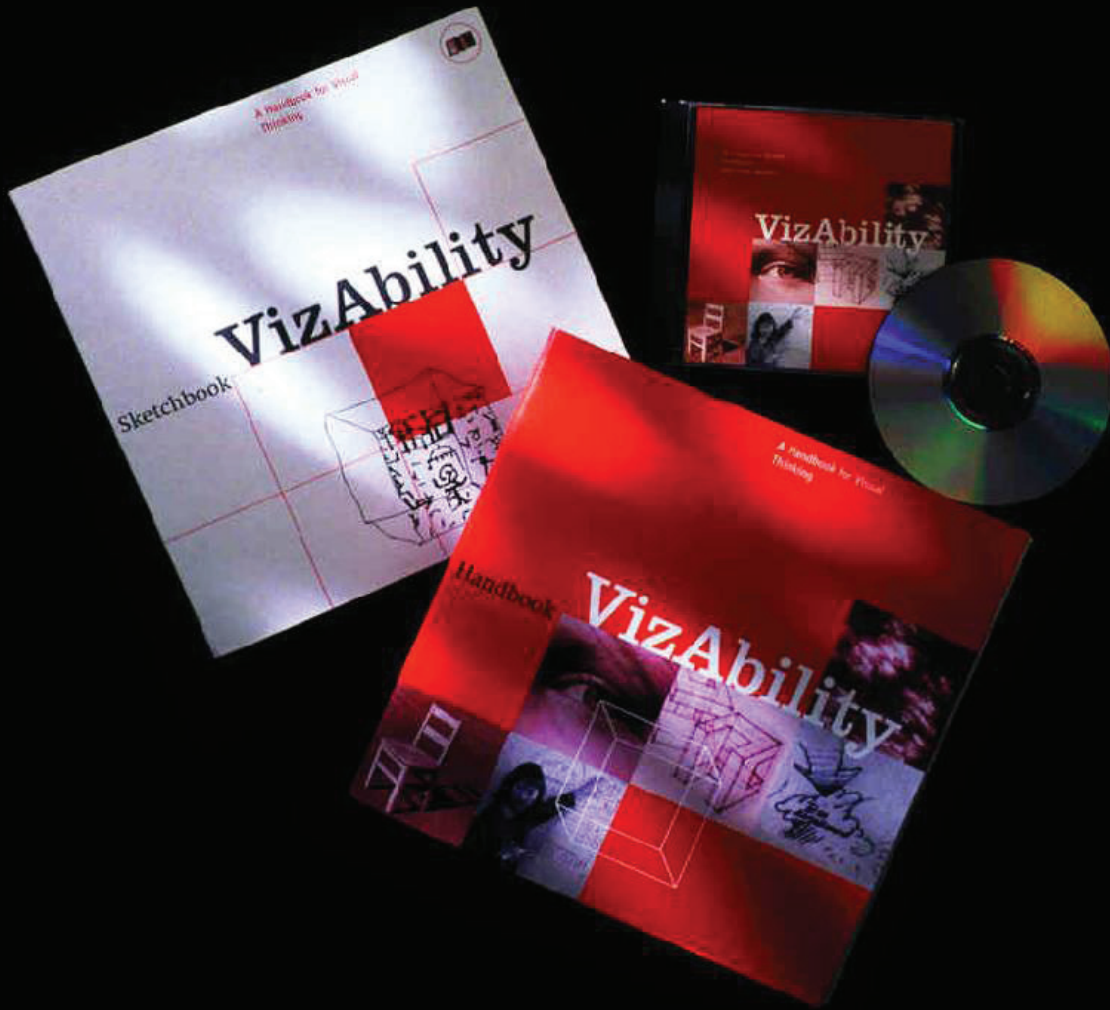
Rudy VanderLans, cover for *Emigre 11* magazine, 1989. Three levels of visual information are layered in dimensional space.



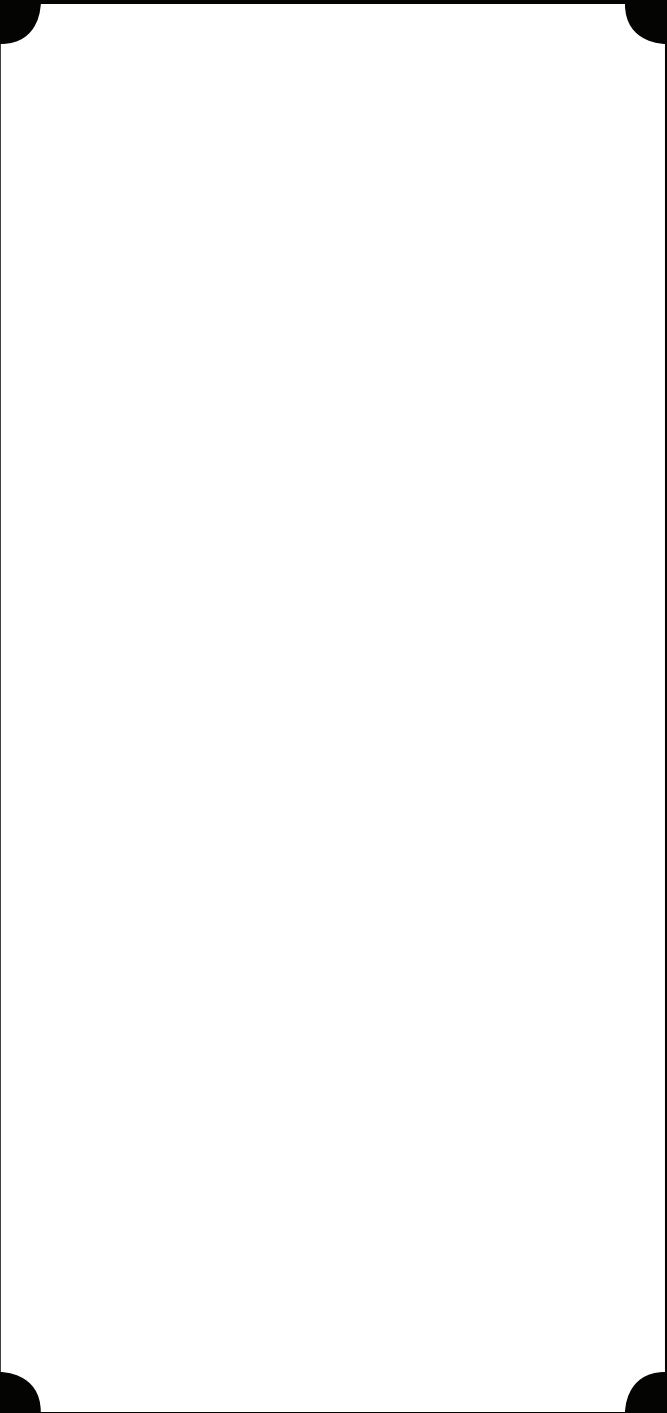
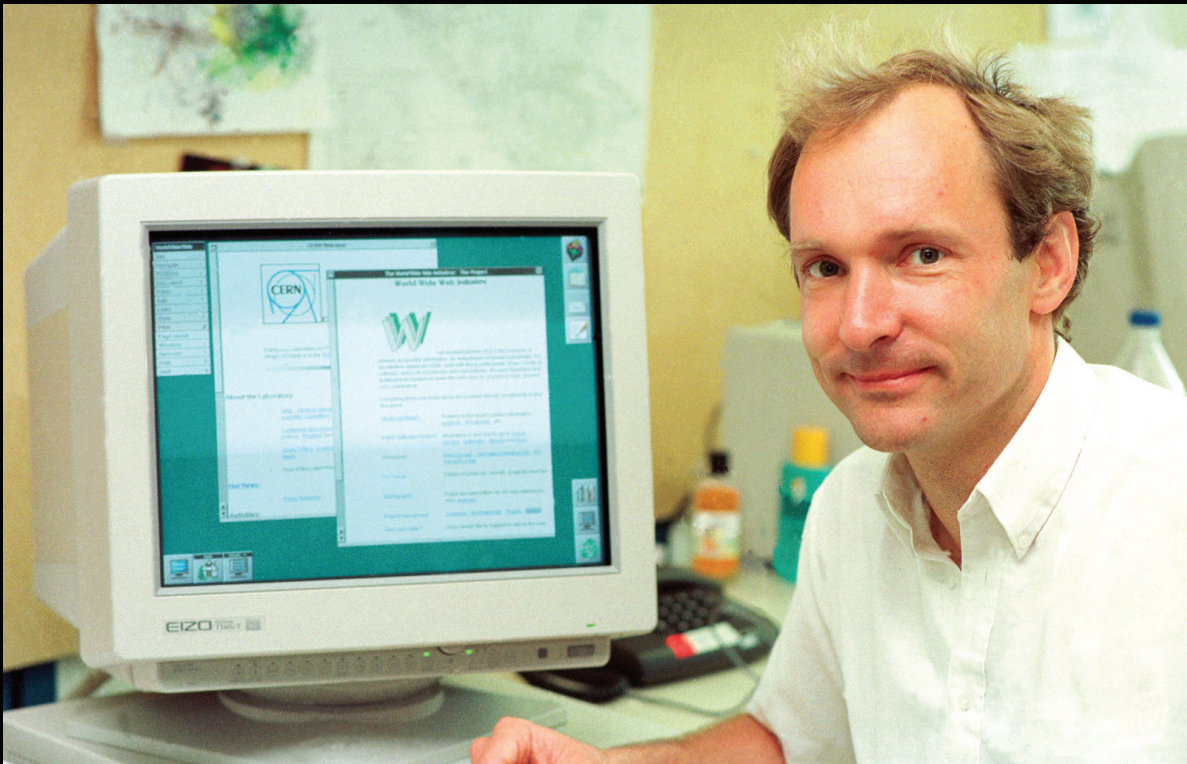
Glenn A. Suokko (designer) and Emigre Graphics, cover for Emigre 10 magazine, 1989. Traditional typographic syntax yielded to an experiment in unconventional information sequencing for a special issue about a graphic design exchange between the Cranbrook and Dutch designers.



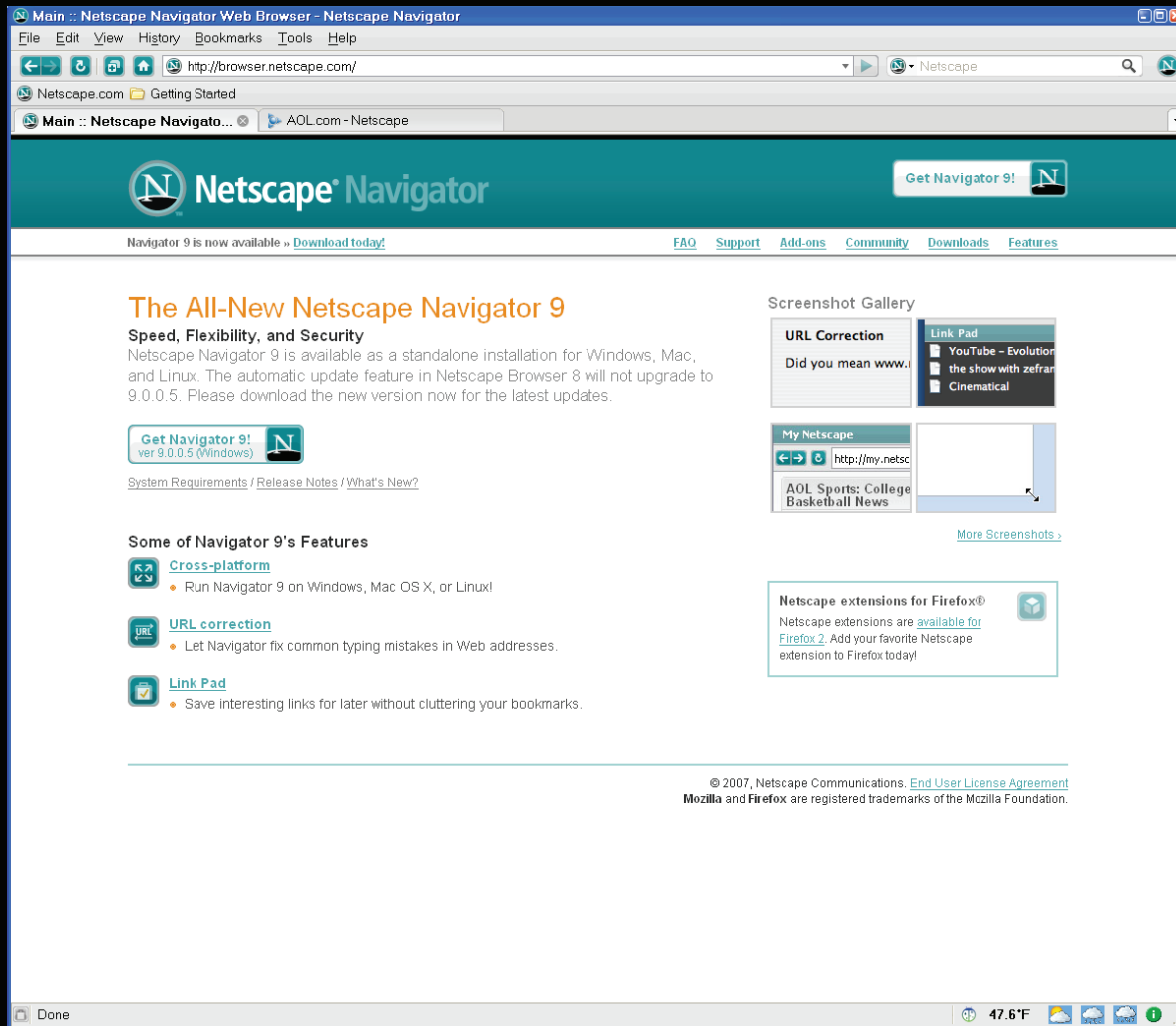
Bill Hill and Terry Irwin (creative directors) and Jeff Zwerner (designer), MetaDesign San Francisco (design firm), VizAbility Interactive CD-ROM, 1995. A coordinated design system unifies booklets, packaging, and screen design.



Tim Berners-Lee



Marc Andreessen's first major commercial graphical browser released in 1994.



<h1>Discovery CHANNEL ONLINE</h1>				<p>SPECIAL EVENT</p> <p>Cool Hand Vince</p>  <p>The Buy-O-Sphere!</p>
<p>Site At A Glance</p>	<p>MAY 24, 1996</p>			
<h2>World</h2>  <p>Original Stories</p>	<h2>Pavilion</h2>  <p>Multimedia Catalog School</p>	<h2>On Air</h2>  <p>Television Information</p>	<h2>Tools</h2>  <p>Navigational Aids</p>	 <p>don't tell me!!</p>  <p>News of the World</p> <p>ONE CLICK AWAY</p>

