

Cambridge University Press
978-1-108-04778-4 - *Typographia, or The Printers' Instructor: Volume 2*
John Johnson
Frontmatter
[More information](#)

CAMBRIDGE LIBRARY COLLECTION

Books of enduring scholarly value

Printing and Publishing History

The interface between authors and their readers is a fascinating subject in its own right, revealing a great deal about social attitudes, technological progress, aesthetic values, fashionable interests, political positions, economic constraints, and individual personalities. This part of the Cambridge Library Collection reissues classic studies in the area of printing and publishing history that shed light on developments in typography and book design, printing and binding, the rise and fall of publishing houses and periodicals, and the roles of authors and illustrators. It documents the ebb and flow of the book trade supplying a wide range of customers with products from almanacs to novels, bibles to erotica, and poetry to statistics.

Typographia, or The Printers' Instructor

John Johnson (1777–1848) worked for a private press at Lee Priory, Kent, which published limited editions of poetry, prose and pamphlets, but was not financially successful. Moving to London in 1824, Johnson produced this two-volume work on printing, which had become a popular topic in the late eighteenth and early nineteenth centuries. The work was published in several formats, and contemporary reviewers noted Johnson's highly ornate typography and use of engravings more than the contents. Volume 2 is useful to modern students of printing, as it deals with the practical aspects of the print trade. It includes numerous specimens of type in different alphabets, and explanations of type casting and imposition. It also describes how to manage a print shop, as well as the different kinds of press, including recent inventions such as the Stanhope, Columbian and Albion, and ends with a brief account of steam presses and stereotype.

Cambridge University Press

978-1-108-04778-4 - Typographia, or The Printers' Instructor: Volume 2

John Johnson

Frontmatter

[More information](#)

Cambridge University Press has long been a pioneer in the reissuing of out-of-print titles from its own backlist, producing digital reprints of books that are still sought after by scholars and students but could not be reprinted economically using traditional technology. The Cambridge Library Collection extends this activity to a wider range of books which are still of importance to researchers and professionals, either for the source material they contain, or as landmarks in the history of their academic discipline.

Drawing from the world-renowned collections in the Cambridge University Library and other partner libraries, and guided by the advice of experts in each subject area, Cambridge University Press is using state-of-the-art scanning machines in its own Printing House to capture the content of each book selected for inclusion. The files are processed to give a consistently clear, crisp image, and the books finished to the high quality standard for which the Press is recognised around the world. The latest print-on-demand technology ensures that the books will remain available indefinitely, and that orders for single or multiple copies can quickly be supplied.

The Cambridge Library Collection brings back to life books of enduring scholarly value (including out-of-copyright works originally issued by other publishers) across a wide range of disciplines in the humanities and social sciences and in science and technology.

Cambridge University Press

978-1-108-04778-4 - Typographia, or The Printers' Instructor: Volume 2

John Johnson

Frontmatter

[More information](#)

Typographia,
or
The Printers' Instructor

VOLUME 2

JOHN JOHNSON



Cambridge University Press
978-1-108-04778-4 - *Typographia, or The Printers' Instructor: Volume 2*
John Johnson
Frontmatter
[More information](#)

CAMBRIDGE UNIVERSITY PRESS

Cambridge, New York, Melbourne, Madrid, Cape Town,
Singapore, São Paulo, Delhi, Mexico City

Published in the United States of America by Cambridge University Press, New York

www.cambridge.org

Information on this title: www.cambridge.org/9781108047784

© in this compilation Cambridge University Press 2012

This edition first published 1824

This digitally printed version 2012

ISBN 978-1-108-04778-4 Paperback

This book reproduces the text of the original edition. The content and language reflect the beliefs, practices and terminology of their time, and have not been updated.

Cambridge University Press wishes to make clear that the book, unless originally published by Cambridge, is not being republished by, in association or collaboration with, or with the endorsement or approval of, the original publisher or its successors in title.

Cambridge University Press

978-1-108-04778-4 - Typographia, or The Printers' Instructor: Volume 2

John Johnson

Frontmatter

[More information](#)

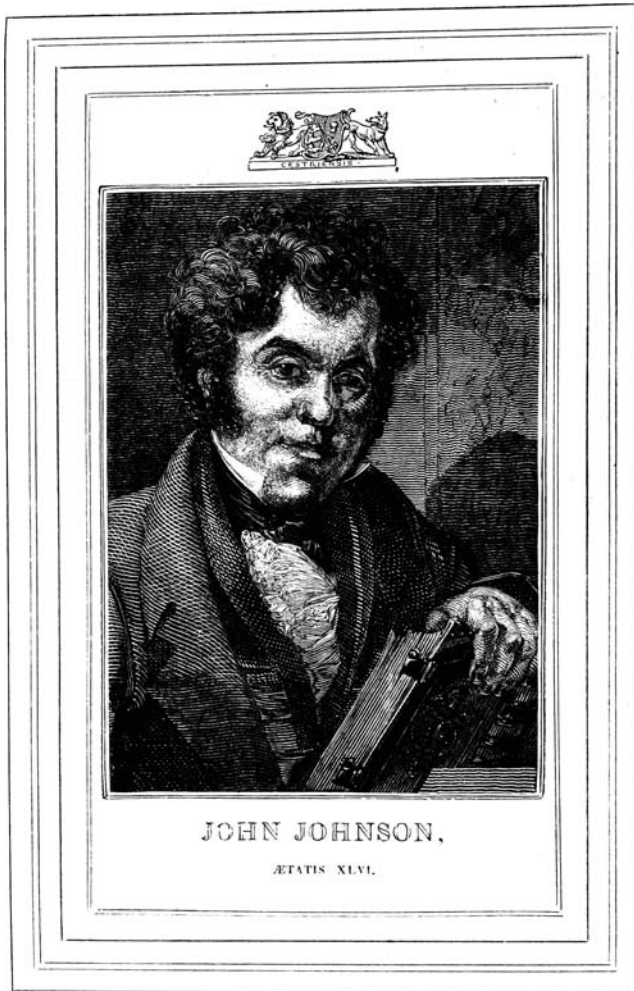
Cambridge University Press

978-1-108-04778-4 - Typographia, or The Printers' Instructor: Volume 2

John Johnson

Frontmatter

[More information](#)



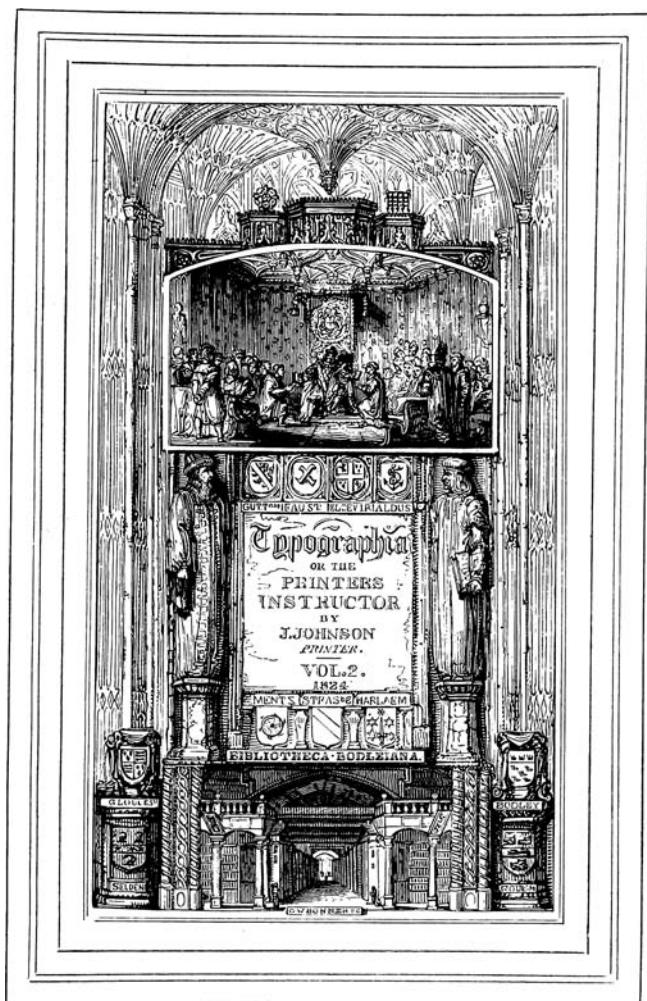
Cambridge University Press

978-1-108-04778-4 - Typographia, or The Printers' Instructor: Volume 2

John Johnson

Frontmatter

[More information](#)



Cambridge University Press

978-1-108-04778-4 - Typographia, or The Printers' Instructor: Volume 2

John Johnson

Frontmatter

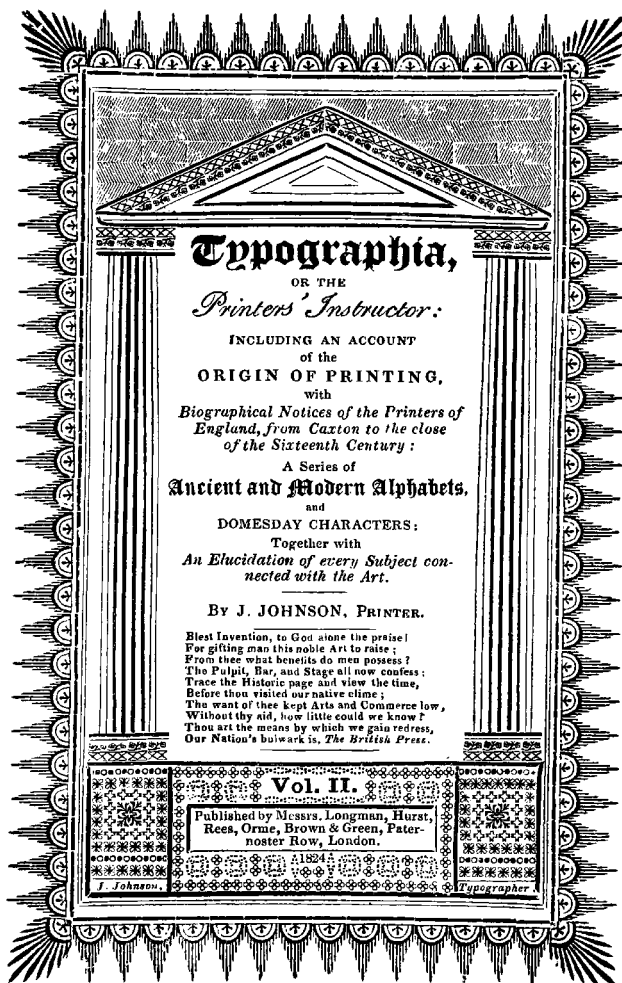
[More information](#)

Cambridge University Press

978-1-108-04778-4 - *Typographia*, or *The Printers' Instructor*: Volume 2

John Johnson

Frontmatter

[More information](#)

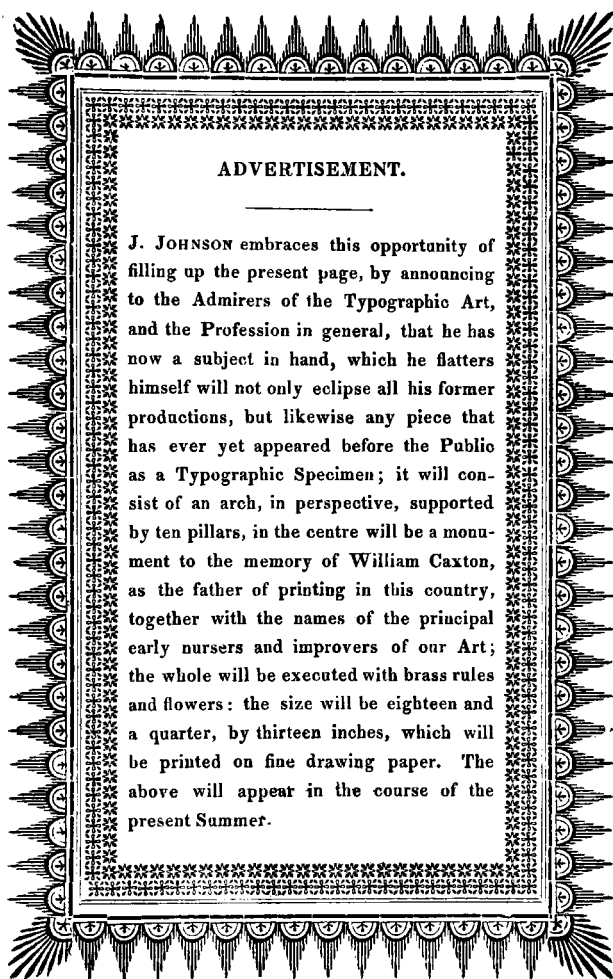
Cambridge University Press

978-1-108-04778-4 - Typographia, or The Printers' Instructor: Volume 2

John Johnson

Frontmatter

[More information](#)

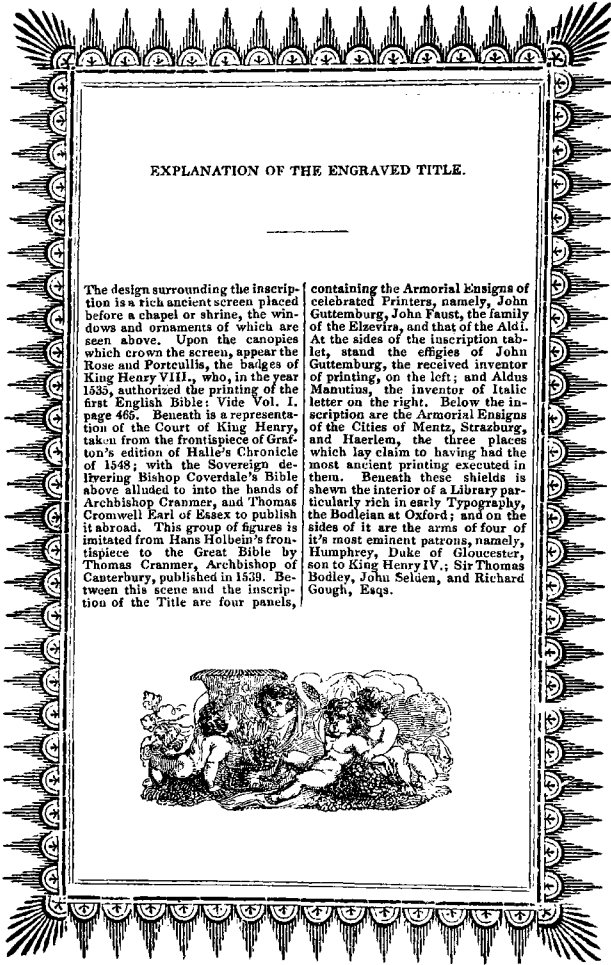


Cambridge University Press

978-1-108-04778-4 - Typographia, or The Printers' Instructor: Volume 2

John Johnson

Frontmatter

[More information](#)

CONTENTS.	
CHAP. I.	Page.
Properties of types	2
Roman letter	ib
Italic letter	7
Black letter	10
CHAP. II.	
Different sizes of letters	11
Regular-bodied letter	ib
Irregular-bodied letter	12
Difference of sizes in letters	13
CHAP. III.	
A fount of letter, as considered by letter founders	21
Long letters	ib
Short letters	ib
Ascending letters	22
Descending letters	ib
Kerned letters	ib
Double letters	23
The number of each sort cast to a bill of Pica, Roman and Italic	26
Bill of Pica Roman	30
Bill of Italic	31
Capitals	32
Small Capitals	34
Accented letters	ib
Vowels with an acute	36
Vowels with a grave	36
Vowels with a circumflex	38
Vowels with a diæresis	ib
Shorts and Longs	39
The French <i>c</i> , Spanish <i>z</i> , & Welsh <i>w</i> and <i>y</i>	40
Numeral letters	44
Arithmetical figures	44
Scratched figures	45
Greek numerals	ib
Hebrew numerals	47
References	49
Lower-case sorts	53
Points	54
Hyphen, or division	61
Parenthesis and Crotchet	63
Apостrophe	64
Quadrats	65
Spaces	66
CHAP. IV.	Page.
Rules	67
Metal Rules	68
Space Rules	69
Braces	ib
Superiors	70
Fractions	71
Quotations	72
Two-line letters	73
Flowers	ib
CHAP. V.	
Names of letter, and their bearings to each other	75
Names of various sized letters, in England, France, Germany, & Holland	76
The proportion which one body of letter bears to another, as to depth, and width	84
Casting off copy	89
CHAP. VI.	
Observ. on composing	96
Cases on the old plan	98
When the double letters were discarded	100
Upon the late Earl Stanhope's plan	102
Present logotypes	104
Stanhope logotypes	ib
Cases upon J. Johnson's plan	108
Improved fount cases	116
Laying of cases	118
Distributing	124
Composing	124
CHAP. VII.	
Imposing	144
Abstract title deeds, &c.	+1
Sheet in folio	ib
Sheets in folio, quired	+2
Sheet of common 4to	ib
Do. in 4to. broad way	ib
Half sheets in 4to	+6
Do. sheet of common 4to	ib
Sheet of common 8vo	+8
Do. of 8vo. broad way	ib

Cambridge University Press

978-1-108-04778-4 - Typographia, or The Printers' Instructor: Volume 2

John Johnson

Frontmatter

[More information](#)

ii . . . CONTENTS.			
	Page.		Page.
Half sheet, common 8vo	*10	Ditto, in quarto	203
Do. sheet of ditto . . .	ib	Ditto, in octavo, &c . . .	204
Two quarters of 8vo . .	*11	Ditto . . do. do. . . .	205
Sheet of Octavo	*12	CHAP. VIII.	
Do. of 8vo. Hebrew work	ib	Correctors and correcting	208
Do. in 12mo	*14	Abridging Latin words . .	210
Do. of 12mo	*15	Double consonants	213
Do. in 12mo. two sigs . .	*16	Typo. marks explained . .	216
Half sheet of 12mo . . .	*17	Explanation of the cor-	rections
Do. 12mo. without cutting	ib	Correcting in the metal . .	218
Sheet of long 12mo . . .	*18	CHAP. IX.	
Do. of 12mo. off-cut . . .	ib	Department of a Reader . .	228
Half sheets of 12mo . . .	*20	CHAP. X.	
Do. sheet 12mo. two sigs	*21	Mathematical, Algebraical,	and Geometrical
Do. of 16mo	ib	characters	237
Sheet of 16mo. one sig . .	*22	Celestial & astronomical	signs
Half sheet of 18mo	*23	Physical signs and abbrev-	iations
Do. of 18mo. complete . .	*24	Musical characters	242
Sheet of 18mo	*24	Pedigree of Ames	243
Do. of 18mo. one sig . . .	ib	Marks & characters used	in Domesday Book &
Do. of 18mo. two sigs . . .	*26	other ancient records . . .	248
Do. of 18mo. three sigs . .	ib	CHAP. XI.	
Half sheet of 18mo	*28	Hebrew	260
Half sheet of twenties,	ib	The Hebrew Alphabet . . .	265
two signatures	29	Hebrew cases	272
Sheet of twenties	*29	Common Hebrew case . . .	274
Half sheet of 24mo	*30	Greek	275
Sheet of 24mo. two sigs . .	ib	The Greek alphabet	281
Half sheet of 24mo	*31	Greek cases	288
Half sheet of long 24mo . .	*32	Contractions & ligatures	used in the Greek
Do. of 24mo. two sigs . . .	ib	language	290
Half sheet of 24mo	*33	CHAP. XII.	
Do. of 32mo	ib	Alphabets of ancient lan-	guages
Sheet of 32mo	*34	Hebrew	294
Do. of 32mo. four sigs . . .	ib	First alphabet of Saloman .	297
Half sheet 32mo. two sigs . .	*36	Second ditto	ib
Do. of 32mo	*37	Hebrew ditto of Esdras . . .	298
Do. of thirty-sixes	ib	Chaldean	ib
Do. of thirty-sixes, two sigs	ib	Judaic alphabet	305
Do. two signatures	*38	The Samaritan Alphabet . .	306
Do. of forties	ib	Samaritan, B. C. 5509 . . .	307
Quarter sheet of 48mo . . .	*39	Arabic	ib
Half sheet of 48mo. 2 sigs . .	*40	Modern Arabian alphabet . .	309
Quarter sheet of 48mo . . .	ib	Mauritanian, or Western	Arabic
Half sheet of 48mo. 3 sigs . .	*41	Syriac	311
Quarter sheet of 48mo . . .	*41	Modern Syriac alphabet . .	316
Do. of sixty-fours, 2 sigs . .	ib		
Do. of sixty-fours	*42		
Do. of sixty-fours	ib		
Half sheet of sixty-fours . .	*43		
Do. of 72mo. 3 sigs	*44		
Do. of 96mo. 3 sigs	*45		
Do. of one hundred and	ib		
twenty-eights, 8 sigs	*46		
Table of signatures in fol.	202		

Cambridge University Press

978-1-108-04778-4 - Typographia, or The Printers' Instructor: Volume 2

John Johnson

Frontmatter

[More information](#)

CONTENTS iii	
	Page.
Syro-Galilean	318
Syro-Hebraic Alphabet	319
Egyptian	ib
Hieroglyphical Writing	334
Hieratic Writing	336
Enchorial do	ib
Egyptian Calendar	342
Phonetic-Hieroglyphical alphabet of M. Cham- pollion	347
Ethiopian or Abyssinian	353
Abyssinian letters, &c	354
Lord's Prayer in the	359
Chinese	368
Table of Chinese Radicals Names and Explanations of ditto	371
Table illustrative of the Chinese language	386
Alphabets of India	
Sanskrit	387
Sanskrit letters, &c	388
Bengalese	392
Vowels of do	393
Consonants of do	394
Tamoul	395
Tamoul letters	396
Persian	398
Modern Persian alphabet	401
Persian combinations	405
Armenian	406
Armenian alphabet	409
Turkish	410
Phœnician	411
Coptic	412
Modern Coptic alphabet	414
Greek	416
Ancient Pelasgian alpha- bet	418
Ancient Etruscan alpha- bet	420
Palmyrenean	438
Ilyrian languages	439
Slavonian	ib
Dalmatian	440
Georgian	442
Bulgarian	443
Russian	444
Modern Russian alphabet	446
Gothic Languages	
Runic	447
Gothic	451
Anglo-Saxon	453
Modern Saxon alphabet	456
English	463
Ancient & Modern black letter	464
Frankic	466
Teutonic & German	469
German alphabet, &c	470
German Current hand	471
Celtic Languages	
Welsh	472
Gaelic	473
Irish	ib
Irish alphabet	475
CHAP. XIII.	
Duty of an Overseer	481
Form of the Press-book	483
Do. of Check-book	485
Do. of Job-book	486
Rules observed in a print- ing office	488
For Compositors	ib
For Pressmen	489
CHAP. XIV.	
The best means of expe- diting business	490
Rules to be observed in companionships	492
Taking copy	ib
Making up of letter	493
Making up of furniture	ib
Imposing & distributing letter	ib
Correcting	494
Transposition of pages	495
Plan of Compositors Check-book	496
CHAP. XV.	
On the construction of printing presses	500
Press invented by Blaew improved wooden press	501
Engraving of do	502
Parts of do	504, 515
Practical directions to pressmen	ib
Of putting up a press	ib
Laying the stone	517
Setting the rounce	518
Hanging the platin	ib
Justifying the head	ib
Making ready a form	519
Rubbing out ink	523
Of beating	524
Of pulling	525
Covering the tympan	529
Of wetting paper	ib

iv . . . CONTENTS.			
	Page.		Page.
Knocking up balls . . .	530	CHAP. XVII.	
Printing red, &c. with black . . .	532	Abstracts of the Acts relative to printers . . .	572
Mixing & grinding colours . . .	533	CHAP. XVIII.	
Rules, &c. for pressmen . . .	534	Compositors' & Pressmen's scales of prices . . .	576
The Stanhope press . . .	536	Account of the various advances in journeymen's wages . . .	577
Engraving of do . . .	537	Compositors' scale of prices . . .	579
Parts of do . . .	538, 543	Abstract of do . . .	583
The Sector press . . .	544	Pressmen's scale of prices . . .	585
Cogger's do . . .	ib	Tables of thousands . . .	†1, †5
Ruthven's do . . .	ib	Do. of prices of letters, 76 . . .	†7
Dr. Church's do . . .	545	Do. do. of pages in 8vo . . .	†8
The Russell do . . .	546	Do. do. do. 12mo. . .	†13
The Columbian do . . .	547	Do. do. do. 18mo. . .	†19
Engraving of do . . .	550	Do. do. do. 32mo. . .	†28
The Albion press . . .	553	CHAP. XIX.	
Engraving of do . . .	554	Of fine printing . . .	645
Parts of do . . .	555, 556	CHAP. XX.	
Inking frame . . .	557	Alphabetical list of printers, &c . . .	649
CHAP. XVI.		Newspaper printing of fices . . .	651
The business of a warehouseman . . .	558	Trades connected with printing . . .	652
Plan of Warehouse-book . . .	559	CHAP. XXI.	
Giving paper out for press . . .	560	Technical terms . . .	653
Tables for quantity of \$1 . . .	564	CHAP. XXII.	
Hanging up paper to dry . . .	565	Stereotype printing, steam and hand machines . . .	657
Taking down dry sheets . . .	ib		
Putting by signatures . . .	566		
Laying down a gathering . . .	ib		
Gathering . . .	567		
Collating books . . .	568		
Folding . . .	ib		
Counting out & pressing books . . .	569		
Making up the Waste . . .	570		
Booking the gatherings . . .	571		

