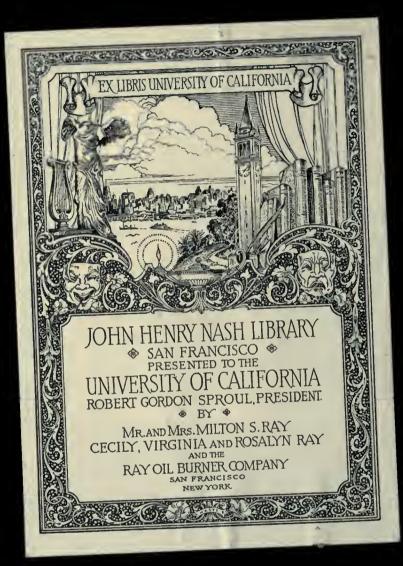
SPECIALENS

Frinting Types

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H. W. CASLON & CO. Ltd., Chiswell Street, London

ALPHABETICAL LIST OF FOUNTS IN SPECIMEN BOOK CLASSIFIED FOR PRICE LIST.

CLASS ... C 4/10 ₱ lb. 7/1 ,,

	ALPHABETICAL LIST OF	FOUNTS IN SPECIMEN BOOK CL.
	CLASS	CLAS:
П	Anglo-Saxon C	Doric, No. 3 C
	Antique Old Style B	6-pt. No. 3a 4/10 ₱ lb.
	Antique, No. 4 B	6-pt. Nos. 3b and 3c 7/1 ,,
Н	Atlas B	Doric, Nos. 4, 5, 6, 8, 10 B
1	Atlas Expanded B	Doric, No. 7 C
	Baskerville Old Style and Italic A	Dutch Old Face A
	Belgravia, Nos. 1 and 2 C	Ecclesiastic C
	Black, Caslon Old C	Elongated Anglo-Saxon C
I	Black, Caslon Original C	Empire Script E
	Black, Expanded C	Enchorial and Expanded C
1	Black, Nos. 2 and 4 C	Engraver's Italic C
	Book and News Founts A	Figaro C
H	Borders (not exceeding 2 pieces) C	Forum C
	Borders (Combination) 3/4 p lb.	French Antique B
	Caligraph C	Groundworks C
1	Carlton C	Gutenberg C
	Caslon C	Half-Fractions E
	Caslon Old Face and Italic A	Heavy Latin B
	Caslon Old Face Heavy B	lonic (Old Style) B
	Caslon Old Face Heavy Compd. B	lonic, No. 2 B
	Caxtonian C	Ionic Compressed and No. 2 B
	Cheltenham (Old Style) and Italic B	Ionic Expanded and No. 2 C
	Cheltenham Bold and Italic B	Jenson B
	Cheltenham Bold Compressed C	Johnsonian C
	Cheltenham Bold Compd. Italic C	Kenilworth C
	Cheltenham Bold Expanded B	Kennerley B
	Cheltenham Bold Outline C	Latin Compressed, and Nos. 2, 3, 4 C
	Cheltenham Bold Shaded C	Latin Expanded C
	Cheltenham Wide B	Latin Expanded, No. 2 B
	Cheques, 3/4 p lb.	Latin Italic—
	Cleopatra C	12-pt. Nos. 1, or 1 and 23/- → lb.
	Columbian Italic C	12-pt. Nos. 2, or 2 and 33/4 "
	Condensed Sans-Serif and Italic C	6-pt. Nos. 1, 2, 34/10 "
	Condensed Sans-Serif -	6-pt. Nos. 4, 5 7/1 "
	Nos. 2, 4, 5, 6, 7, 8, 14 C	Lining Doric—
	Nos. 10, 12 also 96 & 72 point B	12-pt. A, or A and B 3/- → lb.
	Corner Clumps, 1/- p> lb.	12-pt. B, or B and C 3/4 ,,
	De Vinne and Compressed B	12-pt. C, or C and D 3/9 ,,
	Doric Italic, Nos. 1 and 2 B	12-pt. D and E 4/1 ,,
F	Doric, Nos. 1 and 2 C	Lining Doric-
	6-pt. No. 2a 4/10 → lb.	6-pt. A and B4/10 → lb.
	6-pt. No. 2b 7/1 ,,	6-pt. C and D7/1 ,,
		,

			LASS
Lining Gothic (except a			
12-pt. Nos. 1, or 1 an	d 23	- p	lb.
12-pt. Nos. 2, or 2 an	d 33	4 ,,	
12-pt. Nos. 3 and 4			
6-pt. Nos. 1 and 2		10 ,,	
6-pt. Nos. 3 and 4		1,,	
Minster	•••		C
Morland and Italic			В
Moslem	•••		C
Mural and Compressed	l		C
Old Roman and Italic			В
Old Style Compressed		•••	В
Open Anglo-Saxon, No	2. 2		C
Ornamented, Nos. 31, 3			Č
Ornamental Brass Dasl			-
Osborne and Expanded			B
Perspective		•••	C
Pisa	•••	•••	В
DI .	•••		C
m	•••	•••	C
0 111 0	•••	•••	C
	•••	•••	_
Reversed Figures	•••	•••	C
Roman, No. 20		•••	A
Roman Compressed, N		•••	В
Ronde, Nos. 1 and 2	•••	•••	D
Rothbury	•••	•••	В
Ruskin	• • •	•••	В
Scribble	•••	•••	D
Script, No. 3	•••	•••	E
Signs and Peculiars		•••	C
Steel Plate Capitals—			
6-pt. Nos. 1, or 1 and	24/10	1 of C	b.
6-pt. Nos. 2, or 2 and	37/1	,,,	
St. John and Expanded	•••		C
Superiors	•••		C
Teuton Italic			С
Teuton Text			С
Titlings	•••		С
Tudor	•••		C
Typewriter, Nos. 1, 2 a			В
Writing			D

NOTES ON PRICES AND TERMS.

Body and Jobbing Founts supplied at prices reduced on account of weight (except 60 lb. Founts of Classes C and D faces, and 30 lb. Class E faces) are charged 2d. per lb. extra if proportion of Quads not included in Founts. Spaces and Quads are sent with all Founts unless otherwise ordered. Sorts and additions to 120 lb. Founts and upwards, all Classes, supplied at Fount price if ordered within Three Months from delivery of Fount.

Words only, double price. Founts cast on larger than own Bodies, charged according to Face.

Accented sorts supplied to many of our Jobbing Series at a small extra charge. All weights include paper and string.

The making of matrices from types cast by us, or the use of types cast from such matrices, will be regarded as an infringement of our legal rights.

Railway Carriage paid on orders to the value of £2 and upwards. Full price allowed for returned Type Boxes, and half price for returned Crates, if received in good condition.

Old Types, etc., less 4 per cent, for tret, and delivered free, credited against gross amount of Invoice for and taken in part exchange for similar weight of New Type charged at current rates. Particulars of allowances on application.

When ordering additions and sorts, time and trouble will be saved if a pattern type of each fount required is forwarded along with order. A capital H and lowercase m, as little used as possible, are the best to send.

TERMS. Five per Cent. Discount for Cash, and also off approved Current Quarterly Accounts, if paid in the month following the end of each Quarter, viz., January, April, July and October respectively. ALL OTHER SETTLEMENTS NET.

(PRICES PER LB.)

PRICE LIST

JUNE 1 at, 1914.

(Subject to alteration without nodice.)
ALL PREVIOUS LISTS WITHDRAWS.

H. W. Caslon & Co. Ltd. London & Manchester.

CLASS A (Book & News Founts) Complete Founts, Rom. or Ital. including usual Quads						
POINT BOOIES	Small Founts & Sorts	60 lb.	120 lb.	500 lb. and above		
96 to 72 Point 60 to 48 Point 42 to 18 Point 16 to 14 Point 12 Point 11 Point 10 Point 9 Point 8 Point 7 Point	1 8 1 10 1 11 2 0	1 4 1 5 1 7 1 8 1 10 1 11 2 0 2 1 2 2 2 5	1 4 1 4 1 6 1 7 1 8 1 9 1 10 1 11 2 0 2 2	1 4 1 4 1 4 1 5 1 6 1 7 1 8 1 9 1 10 2 0		
6 Point 54 Point 5 Point 44 & 4 Point	4 4	2 10 3 5 4 1 5 4	2 7 3 2 3 9 4 10	250 lb. 2 4 2 10 3 4 4 4		

CLASS B					
POINT BOOLES	Small Founts				
96 to 72 Point 60 to 48 Point 42 to 18 Point 16 to 14 Point 12 Point 11 Point 9 Point 9 Point 7 Point 6 Point 5 Point 5 Point 5 Point	1 7 1 10 2 0 2 1 2 3 2 4 2 6 2 7 2 10 3 4 4 1	3. d. 1 5 1 6 1 8 1 10 1 11 2 0 2 1 2 3 2 4 4 2 7 7 3 0 8 4 4 4 5 8	1 4 1 5 1 7 1 8 1 10 1 11 2 0 2 1 2 2 2 5 2 10 3 5 4 1	1 4 1 4 1 6 1 7 1 8 1 9 1 10 1 11 2 0 2 2 7 3 2 3 9	
43 00 4 Foint	0 4	3 0	3 4	4 10	

CLASS C						
POINT BOOKS	Small Founts	60 lb.	120 lb. 500 lb. Including usual proportion Quads			
96 to 72 Point 60 to 48 Point 42 to 18 Point 12 Point 11 Point 10 Point 9 Point 8 Point 7 Point 6 Point 5 Point 5 Point 4 & 4 Point	2 3 2 7 2 10 3 0 3 2 3 4	3. d. 1 7 2 0 2 4 2 6 2 8 2 10 3 0 3 3 5 3 9 4 6 6 5 8 6 9 9 0	3. d. 1 6 1 7 1 10 2 0 2 1 2 3 2 4 2 6 2 7 2 10 3 4 4 1 4 10 6 4	3. d. 1 5 1 6 1 8 1 10 1 11 2 0 2 1 2 3 2 4 2 7 3 0 3 8 4 4 5 8		

CLASS D						
POINT BOOIES	Small Founts	60 lb.	Includi	500 lb. ng usual on Quads		
96 to 72 Point 60 to 48 Point 42 to 18 Point 11 Point 11 Point 10 Point 9 Point 8 Point 7 Point 6 Point 5 Point 4 & 4 Point 4 & 4 Point	2 10 3 4 3 7 3 10 4 1 4 4 4 7 4 10 5 4 6 4 7 10 9 4	3. d. 1 10 2 7 3 1 3 3 6 3 9 4 0 4 3 4 6 5 0 6 0 7 6 0 7 9 0	3 d. 1 10 2 3 2 7 2 10 3 0 3 2 3 4 3 7 3 9 4 1 4 10 6 0 7 1	3. d. 1 6 1 7 1 10 2 0 2 1 2 3 2 4 2 6 2 7 2 10 3 4 4 1 4 10 6 4		

CLASS E						
POINT BOOIES	Small Founts	30 lb.	Includi	120 lb. ng usual m Quads		
96 to 72 Point 60 to 48 Point 42 to 18 Point 16 to 14 Point 12 Point 11 Point 10 Point 9 Point 8 Point 7 Point 6 Point	2. d. 3 10 4 4 4 4 10 5 2 5 7 6 0 6 4 8 10 9 4 10 4 12 4	3 7 4 1 4 7 4 10 5 3 5 8 6 0 8 6 9 0 10 0 12 0	2 10 3 4 3 10 4 1 4 7 4 10 5 2 6 7 6 10 7 10 9 4	2 1 2 10 3 4 3 7 3 10 4 1 4 4 4 7 4 10 5 4 6 4		

SU	N	D	R	IE	S
----	---	---	---	----	---

For Prices where not given in Large Specimen Book, quoted on application

IMPRINTS BLACK AND SHADED FISTS ANGLE QUADS, 1/6 LB. CALENDAR AND INITIAL TINTS MISCELLANEOUS CROSSES CATALOGUE MARKS STEREO FURNITURE & CLIPS BOUGHT OF BLOCKS CORNER CLUMPS, 1/- per lb. METAL REGLET, 6d. per lb.

PRINTERS' JOINERY & BRASS RULE Sec Special Price List

QUADS (2	to	4	ems)
---------	---	----	---	------

POINT BODIES	Less than	cwt. la	1 cwt. and above				
04 00 5	1. d.	s. d.	s. d.				
96 to 72 Point	0 7	0 6}	0 6				
60 to 48 Point	0 7	0 6	0 6				
42 to 18 Point	0 7	0 6	0 6				
16 to 14 Point	0 84	0 8	0 7				
12 Point	0 9	0 8	0 7				
11 Point	0 91	0 8	0 74				
10 Point	0 10	0 9	0 8				
9 Point	0 103	0 94	0 8				
8 Point	0 11	0 10	0 9				
7 Point	1 0	0 11	0 10				
6 Point	1 2	1 1	1 0				
51 Point	1 5	1 4	1 3				
5 Point	1 8	1 7	1 6				
41 & 4 Point	2 2	2 1	2 0				

SPA	CES	(Em to	Thin)

POINT BODIES	Less than	d cwt. la l cwt. 2	l cwt, and above 3
96 to 72 Point	s. d. 0 8	s. d. 0 74	s. d. 0 7½
60 to 48 Point	1 2	1 1	1 11
42 to 18 Point	1 2	1 1	1 11
16 to 14 Point	1 3	1 2	1 2
12 Point	1 4	1 3	1 2
11 Point	1 5	1 4	1 3
10 Point	1 6	1 5	1 4
9 Point	1 7	1 6	1 5
8 Point	1 8	1 7	1 6
7 Point	1 10	1 9	1 8
6 Point	2 2	2 1	2 0
5 Point	2 8	2 7	2 6
5 Point	3 2	3 1	3 0
43 & 4 Point	4 2	4 1	4 0

The 4 cwt, and 1 cwt, rates are not restricted to the weights specified of a single body, but are applicable to an aggregate weight of any of the bodies shewn either Spaces or Quada separate or assorted.

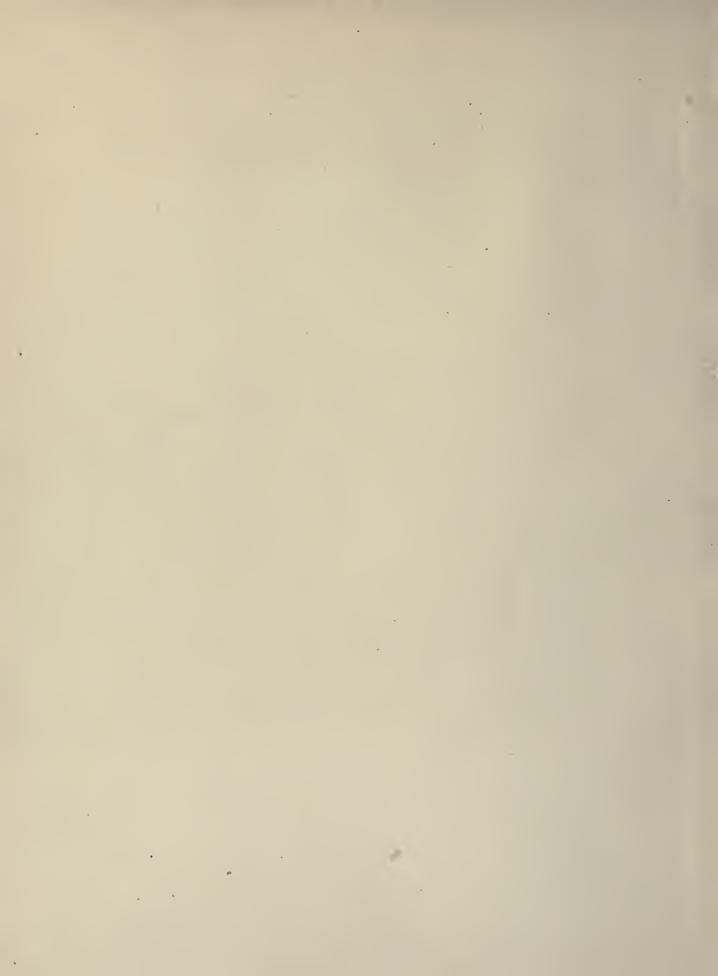
LEADS, CLUMPS, METAL FURNITURE AND QUOTATIONS.

	LEADS	Small Weights	cwl. lo	l cwi.		
	(full lengths)	s. d.	s. d.	s. d		
	3 Point	0 6	5	0 4		
l	2 Point	0 8	0 7	0 6		
	13 Point	0 10	0 9	0 7		
	1 Point	1 1	1 0	0 11		
	CLUMPS	0 6	0 5	0 4		
	METAL FURNITURE (0 7	0 6}	0 6		
ĺ	QUOTATIONS	0 7	0 6}	0 6		

Leads and Clumps out to sizes, 1d. per lb. extra. Clumps under 7 ems as quadrats. Nicking charged according to time.











WILLIAM CASLON I.

THE FIRST ENGLISH TYPEFOUNDER. FOUNDER OF THE CASLON LETTER FOUNDRY,

BORN 1692. DIED 1766.

Specimens of

TYPES & BORDERS

and Illustrated Catalogue of

Printers' Foinery and Materials



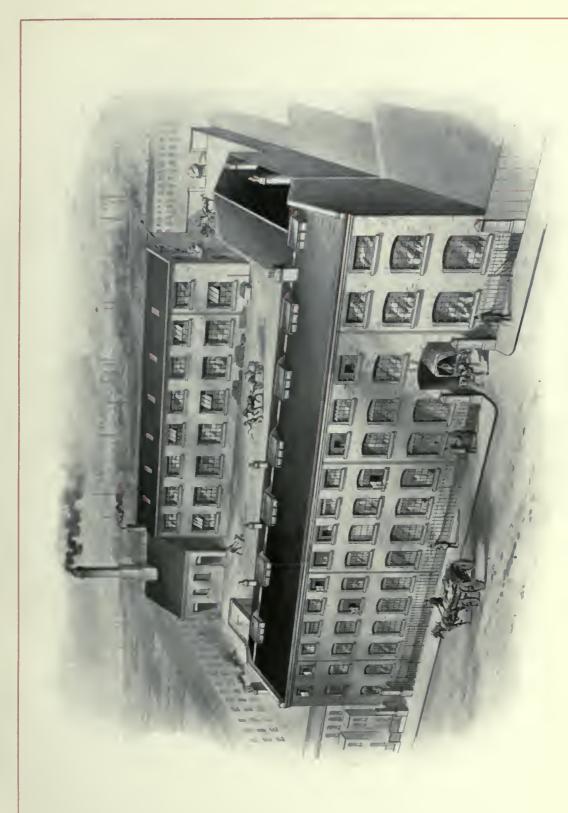
H. W. CASLON & CO. Ltd.

82 & 83 Chiswell Street, London, E.C.

And at Manchester.



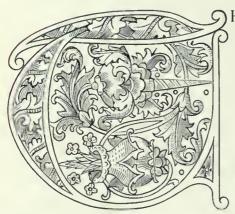
Offices & Warehouses: 82 & 83 Chiswell St., London, e.c.



THE CASLON LETTER FOUNDRY, HACKNEY, LONDON.



INTRODUCTION.



HE present edition of our Specimen Book will be found to include all the supplies that the progressive printer requires for the production of every description of modern printing.

As one of the most characteristic and beautiful products of the Age of Elegance—the wonderful Eighteenth Century, which is being increasingly

regarded as the chief source of artistic inspiration at the present day—Caslon Old Face, which was well in advance of the movement, is now more popular than ever, besides holding its position as prime favourite among the arbiters of taste in good typography. As a body type for bookwork it has no serious rival; its adoption for periodicals is now general; while, in its larger sizes, it has become indispensable to the highest class of display.

Of the many beautiful faces we have introduced in modern times our Cheltenham design, of which this series offers an extraordinarily wide range of service, is acknowledged to be of supreme excellence. The complete selection will be found in this book. We are now making a speciality of Printers' Joinery, adaptable for the complete equipment of a printing office, and have recently installed the most modern plant and machinery for the manufacture of the latest designs in frames, cabinets, racks, cases, etc., illustrated in the Material Catalogue. These facilities, combined with expert workmanship and the use of well-seasoned wood of the finest quality, enhance our reputation for excellence and reliability of construction. In addition, we enumerate a selection of Materials and Machinery necessary for the production of the best commercial printing. We invite patrons to visit our Showrooms at 82 and 83 Chiswell Street, London, E.C., or at our Northern Branch, 9 Mosley Street, Manchester, where a varied assortment of our Joinery and Materials can be seen.

Altogether, this new edition reflects faithfully the vast improvement in taste, the distinguishing mark of the present century—a tendency in which typography must play an important part—and shows the material means by which printers can keep up with the advance movement in business method and industrial efficiency.

H. W. CASLON & Co. Ltd.

82 and 83 Chiswell Street, London, E.C., 1915.



Estimate for a Complete Jobbing Office on a small scale.

					lbs.			£ : 2 1	. d.	
12	Point	Lining Roma	an, No.		30 ·	(a. 1/11 1/11		£ : 2 1 1	7 6 3 0	
10	**	Roma	ın "		60	2-		6	0 0	
10	41	" Italic " Roma		•••	12 30		***	3 1	40	
8	11	" Italic			8	24	•••	0 1		
6	**	" Roma	an "		12	3/-		1.1	60	
6 36	11	Cheltenhan	OIA'S	Style	6	₂₁ 3/-	•••	0 1	8 0	
	**	Roman			16	1/10		1	9 4	
24	11	**	11	**	14	., 1/10		!	5 8 5 8 5 0	
18 12	**	**	**	19	14 12	1/10		1	5 8 5 0	
10	**	**	**	"	8	2/1	•••	0.1	8 8	
8	**	**	**	**	6	21	***	0 1	5 6 3 4	
12	***	Cheltenhan	Öld S	Style	4	,, 3/4	•••	V I	<i>></i> 4	
		ltalic			12	21	•••	1 .	5 0	
10	**	••	**	••	10 6	24		0 1	3 4 5 6	
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36	- 11	Cheltenhan	ı Bold		16	1/10		1 '	9 4	
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10	**	**	**		8	2/4	•••	0 1	8 8	
8	10	**				27		0 I 0 I	5 6 3 4	
18	**	Cheltenham	Böld	Italic	10	., 1/10		0 1	8 4	
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8	**	79	**	"	- 4	27		ŏ i		
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18	11	11	**	**	10	., 27	•••		5 10	
12	**	**	11	49	6 5	. 3-	•••	0 1		
8	**	**	"	**	4	. 39		0 1	5 0	
6	**	91		10		., 410		0 1	4 6	
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18	**	"	,,,	,,	9	,, 1/10		0 1	6 6	
12	+4	**	17	**	6	n 2/1	•••	0 1		
8	21	**	11	**	4	24		0 1		
6	**	Gutenberg	11	**	- 3	3.4		0 1	0 0	
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6	**	Lining Dor	ic Seri	ies)				,		
12	**	and Cas	es					5	5 0	
-1	Set 6	point Steel	Plate							
18	and	Case Empire Scrip			4	4/10			5 0	
24	r-oint	Empire Scrip	ot			, 410		i i		
12	"	Typewriter,	No. 3		12	., 2/1		1	50	
8 10	11	Doric, No. 6			6	, 27	•••	0 1 0 F	5 6 8 8	
12	**	19 91			10	, 21		0 F	5 0	
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6	**	Doric, No.	4		4	34	***	0 1	3 4	
8 10	**	** **				27	•••	0 1	5 6 4 0	
12	**	11 11			8	., 2/1		0 1	6 8	
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10 12	79			110, 8		3/4		0 1.	3 4 5 0	
18	79	91	99		6	27		0 1	5 6	
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36 48	**	**	. "		14	" 2/7 " 2/7 " 2/7 " 2/3 " 3/4	***	1	5 10 1 6	
10	"	Black, No. 4	F	'	3	., 3/4	***	0 1	0 0	
12	**		***	•••	4	3/-	***	0 1	2 0 5 6	
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Phil	uads May	Borders Ser	s	•••	6	., 3/4			0 0	
Cor	nbina	tion Border,	Series !	No. 47		1.		0 1	36	
	**	for all Fount Borders, Section Border,	"	No. 48	3	3/4		0 l 0 l		
I Se	t 6 P	oint Orname	nted R	ules		2/4			4 6	
		Carried for	rward		*** *		£	7)	6 l	

Brought forward	£ 95	s. 6 8	d. 1 0
1 " No. 3 Brass and Copper Spaces An Assortment of Fists Metal Furniture, Assorted … 28 lbs. @ 7d	0	7 10 16	6 0 4
3 Point Leads (full lengths) 20 , , 6d 12 , 10 , , 10d	0	10 8	0 4 4
Fount 3-point Brass Rule, No. 340, and Box Handy Box 12-point Brass Rule, Side Faced,	0	16	9
Medium	2	0	0
Reglet	1	15	0
8vo	1 0 1	12 8 1	3 0 0
I Key	0 0	1	0 0
I Job Mallet I Wrought Steel Nickel-Plated Shooter Demy 4to Galley	0 0	2 2 3 2	6 6 3
Column Galley, 24" × 4½" Zinc Bottom, Patent Quoins	0	4	9
Pair Tweezers in Case and Bodkin combined Steel Point Type Gauge	0	0 2 2	6 6
Lye Brush, 9"×2½"	0	1 3 13	0 6 6
Set Setting Rules, 4 to 40 ems, in box	0 0 3	3 13 5 5 5 2	6 0 0
I York Double Frame, with Racks for 30 Cases and Brackets for 2 pairs on top	0 2 1	5 4	6 0
1 Case Rack for 24 Cases 3 Pairs Cases, Models 1 and 2 67 Improved Double Cases, Model No. 4	1 13	0 8	0 3 0
Demy Surrace and Frame 1 York Double Frame, with Racks for 30 Cases and Brackets for 2 pairs on top 1 Case Rack for 24 Cases 2 Pairs Cases, Models I and 2 2 Cases, Model SI 1 Chandler & Price Paper Cutter 23". Special Features: Interlocking Gauge and Clamp, Divided Back Gauge, Quick Action, Great Strength, Absolute Accuracy, Interchangeable Parts	0	8	0
Divided Back Gauge, Quick Action, Great Strength, Absolute Accuracy, Interchangeable Parts	20	0	0
Parts I Foolscap Folio Platen Machine complete with the following accessories: Power Fixtures, Chandler & Price Fountain, Three Chases, Foot			
rootscap rollo Platen Machine complete with the following accessories: Power Fixtures, Chandler & Price Fountain, Three Chases, Foot Brake, Brayer, Two Sets of Roller Stocks clothed ready for use, Two Wrenches, One Set of Roller Trucks, and the Patent Vibrating Roller			
Roller	42 0 0	0 7 5	0 6 0
	0	5 5 5	3
Royal Arms, assorted	1 0 4	5 18 12	0 0 6
Rule and Lead Cutter	0 1 0	18 6	9
7½ " 8-line Sans, Cond., No. 3 1/8 " 13 " 10-line Campanile 2/9 " 12-line Sans, No. 6 " 2/6"	0 1 0	15 12 15 18	6 9
72	0	15	0 6 9 9 0 2 0 5
61 01: A .: NT 4 012	0	17	6
4 Lengths 10-pt. Wood Rule, No. 14 8d. each 4 " 12 " " " 15 8d. "	0	2 2	8 8 8
4 , 12 , , , , , 8 8d. ,	0	12 2 2 2 2 4	8 8 8
6 lb. Black Poster lnk	0 0 0	6 4 3	5 8 8 8 8 8 0 6 0 0
Subject 5 % Jimmed Cool	217 10	12 17	2 8
		14	6

INDEX TO TYPES, BORDERS AND ORNAMENTS

	Pages		Pages		Pages
Angle Quads	496	Condensed Sans-Serif, No. 5		Latin Compressed, No. 4	
Anglo-Saxon	222				
	322	Condensed Sans-Serif, No. 6		Latin Expanded	
Anglo-Saxon, Elongated	330	Condensed Sans-Serif, No. 7	398-399	Latin Expanded, No. 2	
Antique No. 4	304abcd	Condensed Sans-Serif, No. 8	400-401	Latin Italic	348-34
Antique Old Style		Condensed Sans-Serif, No. 10		Line Dashes	E00 E-
Atlas		Condensed Sans-Serif, No. 12		Lining Darie	
Ada Tanadad	201-201			Lining Doric Lining Gothic	364-36
Atlas Expanded	285-288	Condensed Sans-Serif, No. 14			
Baskerville Old Stylc	49-63	Condensed Sans-Serif Italic	406	Logotype Imprints	49
		CORNERS -			48
Baskerville Old Style Italic		Classic and Oriental	587		
Belgravia, Nos. 1 and 2	342-343			Minster	35
Black, No. 2	318	Combination, Nos. 1 and 2		Miscellaneous and Motor Si	
Black, No. 4		Emblematic	586		
		Frame		Morland	419.42
Bold and Extending Arrows			***	Morland Italic	422-42
Bought of Blocks	491	Oxford		Moslem	35
BORDERS		Scroll	588	Mural	35
Combination, No. 18	544	Crosses	487	Mural Compressed	35
	562-563			Murar Compressed	35
		De Vinne	274-277	News Figures	48
Combination, No. 26		De Vinne Compressed	276-280	Newspaper Faces	
Combination, No. 37	564-565	Doric, No. 1	366		
Combination, No. 41	511	Doric, No. 2	367	Old Face Titlings	200
Combination, Nos. 42 and				Old Roman	73-9
		Doric, No. 3	368-369	Old Rollian	73.7
Combination, No. 46		Doric, No. 4	370-371	Old Roman Italic	
Combination, No. 47	506	Doric, No. 5	372-373	Old Style (18-pt. to 36-pt.)	210-21:
Combination, No. 48		Doric, No. 6	374-375	Old Style, No. 1	
Combination, Nos. 49 and		Dorie, No. 0			
		Doric, No. 7	376	Old Style, No. 2	
Combination, No. 51		Doric, No. 8	377-380	Old Style, No. 4	
Combination, Nos. 53 and	54 509	Doric, No. 10	381-384	Old Style Italic	222-22
Combination, No. 55		Doric Italic, No. 1	385-388	Old Style Compressed	
Combination, No. 56				Old Style Titlings	20
		Doric Italic, No. 2	389		
Combination, No. 57		Dutch Old Face	37-40	Open Anglo-Saxon, No. 2	32
Combination, No. 59	545		220	ORNAMENTS -	
Combination, No. 60		Ecclesiastic	330	Auriol	570-571
Combination, No. 61		ELECTROS -		Barabandy	593-628
		Borough & Foreign Arms	638-640		
Crinkled, No. 30		Flags	654	Card	
Flcur-de-Lis	567			Combination, No. 11	574
Illimitable	521-524	Horses, Dogs, &c	658-659	Combination, No. 12	575
Masonic		Music and Fruit	655		569
Mantical	E40	Nautical	652-653	Parlaniantian I	30:
Nantical	349	Old Style Designs	629-637	Ecclesiastical	660
Old Fashioned	530-531	Paulture and Cattle	(5/ (52	Morland	568
Phil May	533-536	Poultry and Cattle		Masonic Emblems	648-649
Point Bodies		Royal Arms	641-645	Rule, No. 25	
Drimman	513-320	Sports	650-651		
Primrose	361	Empire Script	332-333	Ornamented, No. 31	
Shamrock	552	Englassist		Ornamented, No. 32	457
Swastika	532	Enchorial	450	Ornamented, No. 33	351
Tendril	537	Enchorial Expanded	451	Osborne	
Tyma Dula No. 20	512	Engraver's Italic	339		
Type-Rule, No. 29	512	Expanded Black		Osborne Expanded	440-441
12-pt. 101 & 6-pt. 63, 64, 65	550-551			Paragraph Marks	401
alendar and Initial Tints	164 165	Figaro	336		
		Figures	468-486	Perspective	
aligraph		Piete		Pisa	452
arlton	101-116	Fists	494-495	Plantagenet	
aslon	454		40efgh	Primitive	442-443
aslon Old Black	316 317	Fractions	488-489		
asion Old Face	310-317	French Antique	304	Quill Pen	448-449
aslon Old Face	1-29				
asion Old Face Italic	22-23	Groundworks	529	ROMANS—	
aslon Old Face Italic aslon Old Face Heavy	41-48	Gutenberg		Nos. 4, 8, 10, 15, 16, 18, 20,	
aslon Old Face Heavy Com	n. 41.48			21, 22, 23, 24, 25, 26, 27	230,257
aslon Original Black	319	Heavy Latin	289-292	Roman Compressed, No. 3	228-229
asion Original Diack	319				
atalogue Marks		INITIALS—		Ronde, No. 1	340
axtonian	453	Cheltenham	458-459	Rondc, No. 2	341
heltenham Bold			463	Rothbury	425-428
		Madianal			
	158-159		462	Ruskin	416-418
heltenham Bold Comp			460	Scribble	337
heltenham B. Comp. Italic	162-163		461	Script, No. 3	334-335
heltenham Bold Expanded	164-165	Ionic, No. 2	305-308		
		Ionic Compressed	309-311	Specimens of Tabular Pages	
	166			Stars, solid and outline	486a
	188abcd	Ionic Compressed, No. 2	312-313	Steel Plate Capitals	350
	125-139	lonic Expanded	314	St. John	326-327
heltenham Old Style Italic	140-141	lonic Expanded, No. 2	314		
heltenham Wide				St. John Expanded	328-329
		lonic Old Style	197-204	Superiors	488
heltenham (Display Pages)	107-188	Jenson	302-303		244
heques	493	Johnsonian	444-445	Teuton Italic	220
hess and Draughts	592		111-113		330
leopatra	437	Kennerley	40abcd	Titlings, Nos. 4 and 5	226
olunibian Italic	252		347	Titling Compressed, Nos. 1 &	
and and Con Co.	352			Tudor	
ondensed Sans-Serif	392	Latin Compressed	299	Tunnamitan Non 4 2 2	254 250
Condensed Sans-Serif, No. 2	393	1 11 0	293	Typewriter, Nos. 1, 2, 3	330-358
ondensed Sans-Serif, No. 4	394		294.295	Writing	337

WEIGHTS.

Wad Wady Wafer	6 pounds 8 pounds 10 pounds	Waft 15 pounds Wage 20 pounds Wagon 25 pounds Wail 30 pounds Wain 40 pounds	Wake 60 pounds Walk 80 pounds Wand 100 pounds War 120 pounds Wash 150 pounds	Water 175 pounds Wave 200 pounds Wax 250 pounds Weed 300 pounds Wept 350 pounds	West 500 pounds Whip 750 pounds Wood 1000 pounds Work 2000 pounds
			POINTS.		
Page Pair Palm	6 points 7 points 8 points	Pane 10 points Park 11 points Pass 12 points Pate 14 points Pawn 16 points	Peak 18 points Peck 20 points Peas 22 points Peer 24 points	Peg 30 points Pen 36 points Pest 42 points Pet 48 points	Petty 54 points Pink 60 points Pine 72 points Play 96 points Pole 120 points
			BODIES.		
Gad Gage Gain Gait	Nonpareil	Gale Bourgeois Gall Long Primer Game Small Pica Gang Pica	Gaol English Gap Great Primer Gape Double Pica Garb 2-line Pica	Gas 2-line English Gasp 2-line Gt. Pr. Gate 2-line Db. Pica	Gaul 3-line Gay 4-line Gaze 5-line

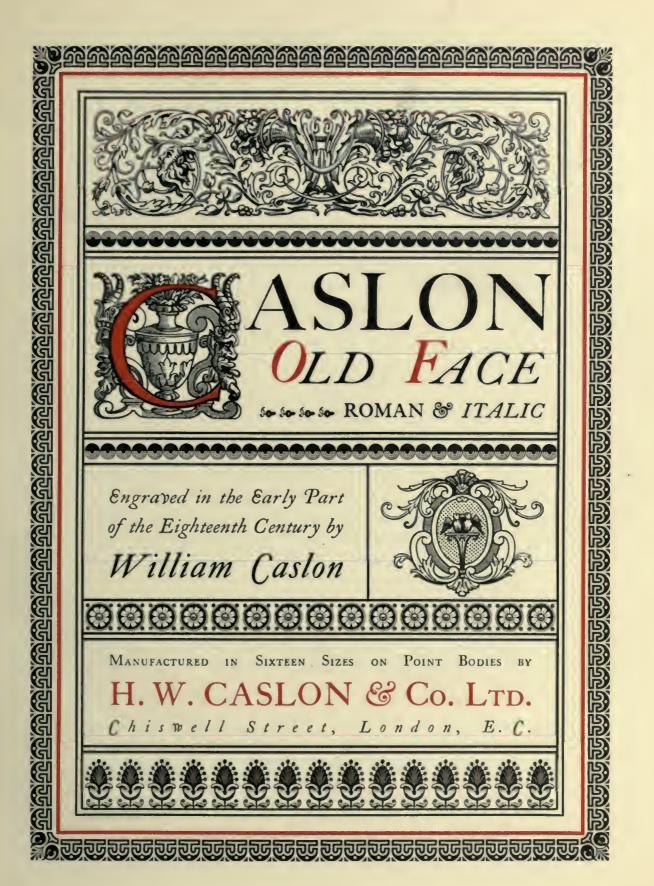
BOOK & NEWS LETTER TYPE.

Bahy	Diamond No. 4	Berth 8-pt No. 24	Bishop 10-pt Old Face	Brave 18-pt No. 10
	5-pt No. 8	Beset 8-pt No. 26	Bison 11-pt No. 15	
	5-pt No. 24	Bend 8-pt No. 27	Bitter 11-ptNo. 18	Bridle 18-pt Old Style
Balm .	5-pt No. 27	Best Brevier O.S. No. 1	Blast 11-pt No. 23	Bright 18-pt Old Face
Bath .	5-pt. Old Style No. 2	Betake 8-pt. Old Style No. 2	Bleed Small Pica O.S. No. 1	Brig 24-pt No. 20
Baton .	5-pt Old Style No. 4	Betime 8-pt. Old Style No. 4	Bloat 11-pt. Old Style No. 2	Brisk Ditto (small face)
	6-ptNo. 22	Better 8-pt, Old Face	Blow 11-pt Old Face	Bump 24-pt Old Style
		Bester 9-pt No. 25	Blur 12-pt No. 15	Bung 24-pt Old Face
	6-pt No. 26	Bevel 9-pt No. 26	Blush 12-pt No. 18	Bubble Ditto (small face)
Beak .	6-pt No. 27	Bethel Bourgeois O.S. No. 1	Bomb 12-pt, No. 24	Burden 30-pt No. 20
Beam .	Nonpareil O.S. No. 1	Betide 9-pt. Old Style No. 2	Bone 12-ptNo. 26	Burner 30-pt Old Style
Bear .	6-pt. Old Style No. 2	Betrim 9-pt, Old Style No. 4	Boast 12-pt No. 27	Burst 30-pt Old Face
	6-pt. Old Style No. 4	Betray 9-pt Old Face	Boom Pica Old Style No. 1	Bush 36-pt No. 20
	6-pl Old Face		Booth 12-pt. Old Style No. 2	
				Bustle 36-pt Old Style
	7-pt No. 23	Bible 10-pt No. 22	Bore 12-pt. Old Style No. 4	Butt 36-pt Old Face
	7-pt No. 24	Bid 10-pt, No. 23	Bosom 12-pt Old Face	Button 42-pt Old Face
Before .	7-pt No. 26	Biga 10-pt No. 27	Botany 14-ptNo. 16	Buzz 48-pt No. 20
Behold .	Minion O.S. No. 1	Biddy Lg. Primer O.S. No. 1	Bout 14-pt No. 18	Buoy 48-pt Old Face
	7-pt. Old Style No. 2	Biped 10-pt. Old Style No. 2	Both 14-pt No. 20	Butler 60-pt No. 20
	7-pt Old Face	Bird 10-pt. Old Style No. 4	Brag 14-pt Old Face	Buy 60-pt Old Face
		Dird 10-pt. Old 50316 100. 4	Drag 14-pt Old race	
berlin .	8-pt No. 23			Bylaw 72-pt Old Face
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By adding "S" to the above words, Italic and not Roman would be meant.

JOBBING TYPE.

JOBBING TILE.							
Abbot Abide Abed Alert Abbey Alike About Above Adieu Adorn	Antique Old Style Antique, No. 2 Antique, No. 3 Antique, No. 4 Atlas Atlas Expanded	Cast (Cameo (Care (Calico (Carts (Carts (Carts (Cliff (Clare (Cliff (Clare (Clod .	Cheltenham Bold Comp. Cheltenham Bold Outline Cheltenham Bold Shaded Chelt. Bold Com. Ital. Chelt. Bold Expd. Cheques, No. Cleopatra Corner Clumps Columbian Italic Corners, No. Corners, No. Corners, No.	Fig Fan	Enchorial Exp. Engraver's Italic Figaro Forum French Antique Fractions Groundworks Gutenberg Ionic, No. 2 Ionic Comp.	Ore	Ornl. Brass Dashes Ornamental Rules Old Style Osborne
Aura Back Backs Bald		Closely Cloth	Corners, Oriental Corners, Emblematic Corners, Frame Corners, Hunting Corners, Oxford	ldeal	Ionic Comp., No. 2 Ionic Expanded Ionic Expanded, No. 2	Plan Prim Quilo	Plantagenet Primitive Quill-Pen
Balld Bank Bank Bonk Booty Booty Borax Brick Brick Brow Brush Brush Brush Buck Buss Buss Buss Bold Bury Buss Cadet Cadet Cadet Cadet Cadet Carl	Belgravia, No. 1 Belgravia, No. 2 Bargavia, No. 2 Barabandy Ornts., No. Black, No. 4 Black, Original Black, Caslon's Old Black, Expanded Border, No. Border, Combination No. Border, Combination No. Border, Type Rule, No. Border, Masonic Border, Nautical Border, Nautical Border, Primrose Border, Phil May Border, Old Fashd. Border, Shamrock Bold Arrows Border, Fleur-de-lis Border, Fleur-de-lis Border, Swastika Border, Hilmitable, No. Calendar & Initial Tints Caligraph	Cloth Clothy Clotty Clotty Clothes Clothes Crop Cheer Crab Coder Crash Cubic Cuff Cloud Cl	Corners, Hunting Corners, Oxford Corners, Scroll Corners, Shooting Corners, Shooting Corners, Smoking Comb. Corners, No Comb. Corners, No Comb. Corners, No Comb. Corners, No Comb. Sans, No Cond. Sans,	Image Jam Joke Keep Kind Lace Lade Laden Lady Laid Lake Lane Lap Late	Ionic Old Style Johnsonian Jenson Kenilworth Kennerley Latin Comp. Latin Comp., No. 2 Latin Comp., No. 3 Latin Comp., No. 4 Latin Expd. Latin Expd. Latin Expd. Latin Expd. Latin Heavy Leads, 3-point Leads, 14-point Leads, 14-point Leads, 14-point Line Dashes Lining Gothic Lining Doric Masonic Emblems Metal Furniture Minster Morland	Quit Run Ronde Roorm Rota Rush Scud Script Script Script Script Stern Star Steel Stile Term Text Tithe Title Token Token	Quotatious Reversed Figures Ronde, No. 1 Ronde, No. 2 Rothbury Rule Ornts., No. Ruskin Scribtle Script, No. 3 Script, Empire Scroll Ends Spaces Spaces, M. N. Stars Stereo Furniture Steel-Plate Caps. St. John St. John Expanded Teuton Halic Teuton Text Titling, No. 4 Titling, No. 5 Titling Comp., No. 1 Titling Comp., No. 2
Cash Clad Call Calm Camp Card Camera	Caslon Old Face Heavy Catalogue Marks Caxtonian Cheltenham O.S. Cheltenham Italic Cheltenham Wide	Dean Dent Deny Dew Dutch Each	Doric, No. 7 Doric, No. 8 Doric, No. 10 Doric Italic, No. 1 Doric Italic, No. 2 Dutch Old Face . Ecclesiastic Enchorial	Olsy Obit	Moslem Mural	Tone Tonic Tube Type Typic Tyro Writ	Titling Old Face Titling Old Style Tudor Type-Writer, No. 1 Type-Writer, No. 2 Type-Writer, No. 3 Writing



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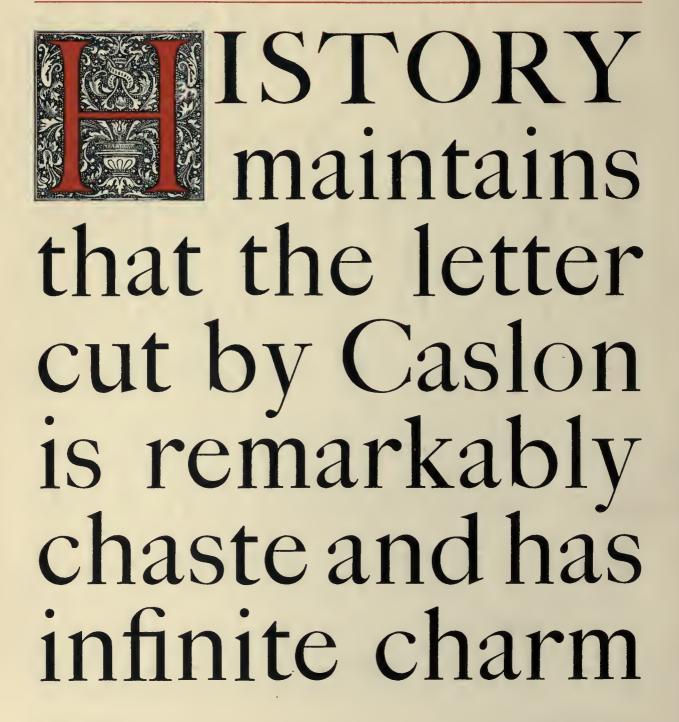
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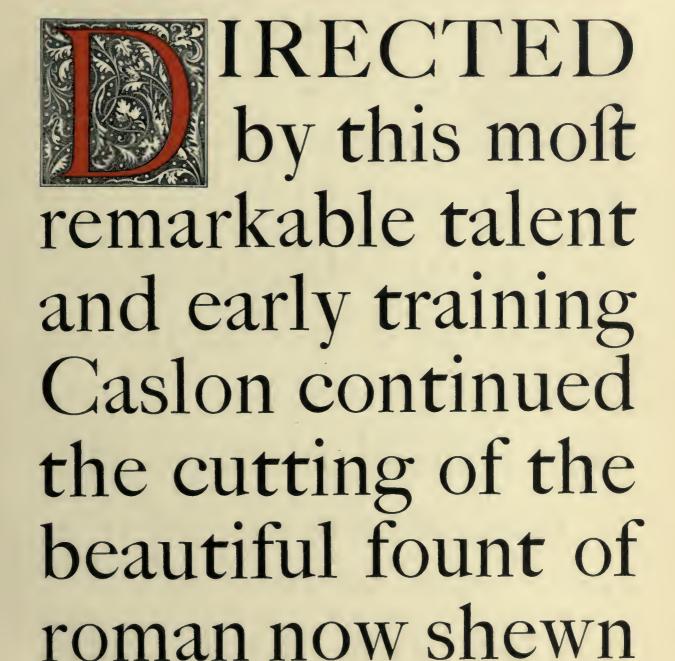
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VOLUME II.



CHAPTER XII.



CRUDE METHODS

ENTION could be made that the fystem of casting

in clay moulds was very similar to those methods that were adopted in the fand process which show many small peculiarities It may be conjectured that the types were made by pouring out molten lead

QUAINT PRODUCTION

UMEROUS defects might have caused strong objection to

ensue against the clay or the sand methods, for the time occupied after engraving of the Letters in forming and clearing the moulds, also in casting, extracting, touching up and possibly perforating all the types, would be very little short of the excellent

OBTAINING UNIFORMITY

ONNECTED with this genius and enthusiasm was the inborn artistic taste introduced into his labour. WILLIAM CASLON perseveringly attained a marvellous precision and uniformity in his letters not hitherto known among us and at the same time he retained that freedom and grace which place them far above all others as the most beautiful types in Europe. Though a century representing many-sided opinions has indeed passed away these types remain

PRODUCING HISTORICAL WORKS

ERSEVERING amidst many discouragements and reverses William Caslon finished the admired characters employed

in printing that historical work, and the excellent performance throughout might best be judged by close inspection of this production, which undoubtedly remains not separately as a preliminary impression of letter-cutting perfection but pointedly marking a clearly-defined turning point in the history of typography which from that time undoubtedly has accomplished brilliant regeneration in this land of ours; history unmistakably mentions a further cutting, which must therefore share with the English roman honours of renowned position in letter-cutting of this famous

THE RISE AND PROGRESS OF ENGLISH TYPOGRAPHY BY TALBOT BAINES REED

processes of that ruder school of early typography, we now come to review the practice of a more mature school which appears to have arrived at once

at the discovery of the punch, matrix and adjustable mould. We should be very loth to affert that they at once arrived at the most perfect mechanism of these appliances; but a careful examination of the earliest productions of the Mentz press, beautiful indeed as they are, convinces us that the first printers were not good Typefounders. But even if the first punches were wood or copper, and their first matrices lead, or their first mould no more than a clumsy adaptation of a composing-stick, they yet had the secret of the art; to perfect it was now merely a matter of time. Experiments have proved conclusively that the face of a wood type might be without injury impressed into lead in a state of semi-fusion, and thus in creux an inverted image of itself in the matrix. It has also been shown as far back as the year 1756 that a lead matrix so constructed is capable of being adapted to

EXCERPT FROM AN INSTRUCTIVE HISTORY OF THE OLD ENGLISH LETTER FOUNDRIES

ccepting as the fundamental principle that the essence of typography consists in a mobility of the types, we omit, as being beyond the scope of our present enquiry, the xylographic works which undoubtedly

preceded typography. Passing rapidly in review the alleged stepping-stones between the two arts, we fail to see in the scanty evidence adduced as to the use of movable wooden perforated types anything to justify the conclusion that the earliest printer produced books by their means. Such type may have only been cut experimentally, but the practical difficulty of cutting them square enough to be composed in a forme, and of producing a work of the size and the character of the Speculum, is fatal to their claims. With regard to the Sculpto-Fusi types, letters engraved on cast metal bodies, the evidence in their favour is of the most unsatisfactory character, and combined with the practical difficulties of their production, reduces their claim to the minimum. The marked difference of style and excellence in the typography of some of the earlier books leads us to accept the theory that in 1476 two schools of typography existed side by side, one a rude school, which, not having

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INCONTROVERTIBLE OPINIONS GIVEN AFTER STUDIOUS TYPOGRAPHICAL INVESTIGATIONS

MATURALLY no controversy of bygone periods

aroused so much interest, and unfortunately at the same time such bitterness in its attempted solution, than was displayed in endeavouring to find the most convincing answer to a now famous triple question: "When, where, and by whom was found out the unspeakably useful art of printing books?" And yet the world to-day is little nearer a finite answer to the question than it was when ULRIC ZEL indited his memorable narrative to the Cologne Chronicle in 1498. Indeed, the dust of the battle has added to, rather than diminished, the mysterious clouds which envelop the problem, and we are tempted to seek refuge in an agnosticism which almost openly refuses to believe that printing ever had an inventor. It would be neither suitable nor profitable to encumber an investigation of that part of the History of Typography which relates to the types and typemaking of the fifteenth century by any attempt to discuss the vexed question of the invention of the Art. The man who invented typography was possibly the man who invented movable type. When the one is at last discovered, we have also found the other. Meanwhile, it is possible to avail ourselves of whatever evidence exists as to the nature of the types he and his successors used, and as to the methods by which those types were actually produced, and possibly to arrive at some conclusion as to the earliest practices of the Art of Typefounding in the

AN AUTHENTIC & INTERESTING DESCRIPTION OF EARLY ENGLISH TYPOGRAPHICAL ACHIEVEMENTS

ERTAINLY, it would be but reasonable to suppose that the first idea of movable type may have been suggested to the mind of the inventor by a study of the works of a xylographic printer, and a careful observation of the cumbrous and wearisome method by which his books

were produced. The heavy toil involved in first painfully tracing the characters and figures, reversed, on the wood, then of engraving them, and, finally, of printing them with the frotten, would appear, in the case, at any rate, of the many small school books, for the production of which this process was so largely resorted to, scarcely less tedious than copying the required number by the deft pen of a scribe. And even if, at a much later period, the bookmakers so far facilitated their labours as to write their text in the ordinary manner on a prepared paper, or with prepared ink, and so transfer their copy, after the old manner of the Chinese, on to the blocks when once their work was done, would doubtless impress an inventive genius with a deep sense of dissatisfaction and impatience. We can imagine him examining keenly the first page of an Abecedarium, on which would be engraved, in three lines, with a clear space between each character, the letters of the alphabet, and speculating as CICERO had speculated centuries before, on the possibilities presented by the combination in indefinite variety of those twenty-five symbols. Being a practical man as well as a theorist, we may suppose he would attempt to experiment on the little wood block in his hand, and by sawing off first the lines, and then possibly some of the letters in the lines, attempt to arrange his little types into a few short words. A momentous experiment, and fraught with the greatest revolution the world has ever experienced! No question has aroused more interest, or excited keener discussion in the history of printing, than that of the use of movable wooden types as a first stage in the passage from Xylography to Typography. Those who write on the affirmative side of the question profess to

MATRICES WERE HARMONIOUSLY JUSTIFIED IN ORDER TO SECURE MATHEMATICAL ACCURACY

OWEVER, of whatever substance their matrices were made, the early printers appear to have very rapidly mastered the art of justifying them, so that when cast in the mould they should not only stand each letter true in itself, but all true to one another.

Nothing amazes one more upon closely examining many of these earliest printed works than the wonderful regularity of the type in its body, height, and line; and if anything could be considered evidence that those types were produced from matrices in moulds, and not by the rude method of casting from matrices which thus comprehended body and face in the same moulding, this alone is surely conclusive. We go further, and assert that not only must the matrices have been harmoniously justified, but also the mould employed, whatever its form, must have had its adjustable parts finished with a near approach to mathematical accuracy, which left extremely little to be accomplished in the way of improvement. Respecting the mould we have but very little more material for conjecture than with regard to these early punches and matrices. The vast importance of absolute squareness in the body and height of type would demand an appliance of even greater precision than the uncertain hollowed cube of sand or clay; also the heat of the lead would point to the adoption of a harder metal like iron or steel; while the varying widths of the sunk letters in the matrices would suggest the adoption of some system of slides whereby the mould could be expanded or contracted laterally without prejudice to the invariable regularity of its body and height. By what crude methods the first typefounder contrived to combine these most essential qualities, we have no means of judging; but were they ever so crude, to him is due the unique honour of the culminating achievement of the invention of typography. "His type mould," Mr. DE VINNE remarks, "was not merely the first; it is the only

RECENT DISCOVERY OF TYPOGRAPHICAL APPLIANCES AS USED BY THE EARLIEST CONTINENTAL PRINTERS



URNING once more from type-casting appliances to the early types themselves, we are enabled, thanks to one or two recent discoveries, to form a fairly good idea as to their appearance and peculiarities. We have previously stated that, with reference to the traditional perforated wooden types seen by certain old writers, the probability is that,

if all these were the genuine relics they professed to be, they were model types which were used for forming moulds upon, or for impressing into matrices of moist clay or soft lead. We have also considered it possible, in regard to types cast in the primitive sand or the clay moulds of the rude school, that to overcome the difficulties incident to irregular height to paper, uneven bodies, and loose locking up, the expedient may have been tried of perforating the types and passing a thread or wire through each line, to hold the intractable letters in their place. This, however, is simply conjecture, and whether such types existed or not, none of them have survived to our day. Their possessors, as they slowly discovered the secret of the punch, matrix, and mould, would show little veneration, we imagine, for these clumsy relics of their ignorance, and so value them only as old lead, to be remelted and recast by the newer and better method. But though no relic of these primitive cast types remain, we are happily not without means for forming a judgment respecting some of the very earliest types of the more finished school of printers. In 1878, in the bed of the river Saône, near Lyons, opposite the site of one of the famous fifteenth century printing houses of that city, a number of old types were found which there seems reason to believe belonged once to one of their presses, and were used by the early printers of Lyons. They came into the hands of M. CLAUDIN, of Paris, the famous typographical antiquary, who, after careful examination and inquiry, has satisfied himself as to their antiquity and value as relics of the infancy of the art of printing. With regard to the points of interest to be observed in these venerable relics of the old typographers, the faces of the type call for special mention. Here it is found that there are traces in most of the letters of the "shoulders" of the body having been tapered off with a knife or graver after casting, so as to leave the letter quite clear on the body. In most cases the letter stands in the centre of the body, which is, as a rule, larger than the character actually requires. With regard to the

REASONS ADVANCED AS TO THE PECULIAR NOMENCLATURE OF TYPE BODIES PRODUCED BY THE EARLY TYPEFOUNDERS

OREOVER, the origin of type-bodies and the nomenclature which has grown around them, is a branch of typographical antiquity which has always been shrouded in more or less obscurity. Imagining as we do that the moulds of the first printers were of a primitive construction, and though conceived on true principles, were adjusted to the various sizes of letter they had to cast more by eye than by rule, it is quite casy to understand that founts would be cast on no other principle than that of ranging in body and line and height in themselves, irrespective of the body, height and line of other founts used in the same press. When two or more founts were required to mix in the same work, then the necessity of a uniform standard of height would become apparent. When two or more founts were required to mix in the same line, a uniformity in body, and also in alignment, would be found necessary. When initials or marginal notes required to be incorporated with the text, then the advantage of a mathematical proportion between one body and another would naturally suggest itself. Johnson, in 1817, states that doubtless the printer would name his sizes of type according to the works for which they were used. His Canon type would no doubt be the large character in which he printed the Canon of the Mass. His Cicero type

10-point.

HISTORIANS RECORD THE EARLIEST SUCCESSFUL ATTEMPTS AT SECURING MATHEMATICAL SYSTEMATISATION OF TYPE BODIES

OWEVER, it was in this manner arose that ancient anomaly, the various body standards of the English foundries. For a founder who was constantly called upon to alter his mould to accommodate a printer requiring a special body, would naturally cast a quantity of the letter in excess of what was immediately ordered; and this, if not sold in due time to the person for whom it was cast, would be disposed of to the first comer, who, requiring a new fount, and not over particular as to body, provided the additions afterwards to be had were of the same gauge, would take it off the founder's hands. Facilis descensus Averni ! Having taken the one downward step, the founder would be called upon constantly to repeat it, his moulds would remain set, some to the right, some to the wrong standard, and every type he cast would make it more impossible for him or his posterity to recover the simple standard from which he had erred. Such we imagine to have been the origin of the irregular and ununiform bodies. As early as 1725, in France, an attempt was made to regulate by a public decree not only the standard height of type, but the scale of bodies. But the system adopted was clumsy, and added to the confusion it was designed to remove. FOURNIER invented his typographical points, the first successful attempt at a mathematical systematisation of type-bodies, which has since with the alternative system of DIDOT, done a great deal in simplifying French typography. England, Germany, and Holland have been more conservative, and therefore less fortunate. Attempts were made by Fergusson, and by Bower of Sheffield, to arrive at a standard of uniformity; but their schemes were not

9-point.

REMARKABLY INTERESTING SIDELIGHTS ON THE HISTORICAL ASPECT AND INTRODUCTION OF THE EARLIEST ENGLISH LETTER-FOUNDERS' SPECIMENS

ATURALLY, when printers were their own founders, the production of their presses were also the published specimens of their type. They might, like Scharren, in the colophon to the Justinian in 1468, call attention to their skill in cutting types; or like CARTON, print a special advertisement in a special type; or, like ALDUS, put forward a specimen of the types of a forthcoming work. But none of these are letter-founders' specimens; nor was it till letter founding became a distinct trade that such documents became necessary. England was probably behind other nations, when in 1665, the tiny specimens of Nicholas Nicholas were laid under the Royal notice. It is doubtful whether before Moxon issued a full specimen of his types. He used the sheet as a means of advertising not only his types, but his trade as a mathematical instrument maker; and his specimen, taken in connection with his rules for the formation of letters, is a sorry performance, and not at all comparable to the Oxford University specimen, which that press published in 1693, exhibiting the gifts of two famous printers. Of other English founders before 1720, no type specimen has come down to us; that shown by Warson in his History of the Art of Printing being merely a specimen of bought Dutch types. Caston's sheet, in 1734, marked a new departure. It displayed at a glance the entire contents of the new foundry; and by printing the same passage in each size of Roman, gave the printer an opportunity of judging how one body compared with another for capacity. Caston was the first to adopt the since familiar "Quousque tandem" for his Roman specimens. The Latin certainly tends to show off the Roman letter to best advantage; but it undoubtedly gives an inadequate idea of its appearance in any other tongue. "The Latin language," says Dinoin, "presents to the eye a great uniformity or evenness of effect, for the m and n, like the solid sirloin upon our table, have a substantial appearance; no garnishing

CRUDE ATTEMPTS AT LETTER-FOUNDING MADE IN THE FIFTEENTH CENTURY AS PORTRAYED
BY TALBOT BAINES REED IN HIS INSTRUCTIVE BOOK ON EARLY ENGLISH LETTER FOUNDRIES

OUBTLESS, the chief point of interest, however, is in the small circle appearing in both near the top, which M. MAOORN, as regards the type of the Nider thus explains: "This circle, the contour of which is exactly formed, shows that the letter was pierced laterally hy a circular hole. This hole did not peactrate the whole thickness of the letter, and served, like the nick of our days, to eashle the compositor to tell hy touch which way to set the letter io his stick, so as to he right to the printed page. If the letter had been laid on its other side, the existence of this little circle would have been lost for ever." It would, however, be quite possible for a perforated type, with the end of the hole slightly clogged with ink, to present precisely the same appearance as this, which M. MAOOEN concludes was only slightly pierced; and were it not for the fact that the pulling up of the letter from the forme is itself evidence that the ltne could not have been threaded, we should hesitate to affirm that either of the types shown was not perforated. The sharp edge of the circumference in the type of the De laudibus, leaving, as it does, in the original a clearly embossed circle is the paper, makes it very evident that the depression was not the result of a mere flaw is the casting, although it is possible for the surface of the side of a roughly cast type to be depressed by air-holes, some of which assume s circular form, and may even perforate a thio type. Indeed, at the present day it is next to impossible to cast by hand a type which is not a little suck oo some parts of its side; and this roughness of surface we can imagine to have been far more apparent oo the types cast by the earliest printers. We greatly doubt whether, in types liable to these accidents depressions of surface, a small artificial hole thus easily simulated would be of any service as a guide to the compositor. Perhaps the most probable explanation of the appearance seems to be that the head of a small screw or pin, used to fix the side-piece of the moold, projecting slightly on the surface of the piece it fixed, left its mark oo the side of the types as they were cast, and thus caosed the circular depression. Before leaving this subject it may be remarked that the clear impression of the prioted matter, despite the laid on types, which must in either case have been a thin sort, is strong evidence of the softness of the metal io which the fount was cast. The press appears to have crushed the trusot types down luto the letters oo which it lay, and, onimpeded by the obstacle, to have taken as good an impression of the remainder of the forme as if that obstacle had oever existed. Such are some of the chief polots of loterest to be observed to these venerable relics of the old typographers. It is to be hoped that M. CLAUGIN may before long favoor the world with a full and detailed account of their many peculiarities. Yet, curious as they are, they prove that the types of the fifteenth centory differed in no essential particular from those of the oincresoth. Forther discoveries in 1884 proved but

6-point

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38 A 200 a

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Some of these associations professed objects which were by long and established usage the proper business of individuals alone, and others involved bazardous and visionary projects, which were to be carried into

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Fourteen and Eleven-poin Dutch Old Face

INTERESTING HISTORICAL REMINISCENCES OF SOME EARLY ENGLISH TYPOGRAPHERS

Respecting many early printers, our information especially with regard to their mechanical operations, is extremely meagre, but

the wide researches of our contemporaries light upon the typography of Caxton which gladly avail ourselves in recording the fact conjectures as to the letterfounding of the they flourished. Adopting as a fundament a bibliographer should make such a perfect used or those habits of printing observable presses, to enable him to understand or be characteristics in settling the date of books upon the surface, our author has succeeded a precise chronology of the productions of but the exhaustive catalogue of his several never been successfully accomplished befor of them practical printers, all failed in this Many of them lacked necessary patience or systematic study of the specimens produced quite satisfied to perpetuate the account of and opportunity for such studies, but failed bear investigations that practical experience saved them from the inaccuracies with whi abound. As we are concerned with Caxton as letterfounder, we must refer the readers respecting the literary industry to this adm stating here that he made his first essay at after he settled at Westminster, where the industrious and prolific worker until the y observed, the history of the introduction of into England differs from that of its origin particular, that whereas in Germany, Italy letterfounding is supposed to have precede

MATHEMATICS INTRODUCED IMPROVED PUNCH CUTTING



detail of this mysterious art was evidently studied by Moxon, and his real intimacy with all things connected with the craft prove that, although he

openly professed to have learned it not from any man, but of his own inclination, he was an experienced and enthusiastic typefounder. He devoted considerable time and attention to gauges and tools necessary for this work, and he repeatedly stated that geometry was the sure foundation of typography. Anyone acquainted with the system of punch-cutting as practised to-day, cannot but be struck, on reading the directions laid down by Moxon. with the slightness of the change which the manual processes of that art have undergone during the last two centuries. Indeed, after allowing for improvements in tools and the greater number of gauges, we might almost assert that the punch-cutter of his day knew little less than the punch-cutter of our day, with the accumulated experience of over two hundred years could teach him. From letter cutting, Moxon next describes in detail the various parts of the mould and the method of putting them together; here the practical instrument maker is on familiar ground, and

11-point

14-point

Twelve and Cen-point Dutch Old Face

THE EVOLUTION OF LETTER FOUNDING FROM WILLIAM CAXTON'S PERIOD TO PRESENT DAY

Caxton had probably been employed for some time in this country as a printer before he became his own letterfounder, and it must be admitted that any conclusion we may come to as to Caxton's operations are wholly

ENTERPRISING DUTCH PRINTER OF SIXTEENTH CENTURY FAME



NOTHER fine specimen of an ancient typefoundry is to be met with in a visit to the famous old printery of Christopher Plantin, at Antwerp. The foundry of the great Netherlands was

on the upper floor of his house, and consisted of two rooms, one devoted entirely to casting, the other being a store room for type awaiting use at the press. In the casting room is still to be seen a large brick furnace covered over with an earthenware slab, and to the right of this is a smaller furnace, surmounted by the metal pot, which even to-day contains some of the original type-alloy. On the walls hang moulds, knives, ladles and tongs. In a box are preserved small parcels of pattern types for setting the moulds, among which the visitor is shown three or four letters of silver, and in another box are a large number of punches and moulds of several sizes. A bench extends along one side of this room, doubtless for the use of the dressers or rubbers. In all these matters we must recognise that even in Plantin's day the general appointments of a letterfoundry differed very little from those of the modern foundry before the introduction of machinery, and though we have no description of any English foundry before Moxon's time, we know that processes in use among us boast a much earlier origin, and he described no new methods but the old established practice which had obtained if not from the infancy of the art,

10-point

of his own works, in some of which he discourses anslator and a printer, does he make the slightest is types, nor does there remain any contemporary ow light on so interesting a topic. That Caxton metal types, it is scarcely necessary here to assert. sibility of a middle stage between xylography and ral identity of his letters, the constant recurrence types, and the solidity of his pages, may be taken t his types were cast, and not separately engraved likely that during his residence at Bruges, where prologue to the third book, "I have practysed and e and dispense to ordevne this said book in prynte make himself acquainted with the methods which for the production and multiplication of types and easonable to suppose that, once established in this from the source of his former supplies, he would nowledge, and produce for himself the remaining which he made use. As to the particular process Mr. Blades points out, only negative evidence on frequent unevenness and irregularity of his lines as emselves, lead to the conclusion that the method a rude one, inferior not only to that now in use, the advanced German school of typography of his wever, as his method may have been, we are not or could have produced the types he did without diustable mould. Despite his rough workmanship types are much superior to those used by many of the question that even his early works could have m types cast by a clay or sand process, which we where described as possibly employed in the most is more probable that both Mansion and Caxton, the principle of the punch, matrix and adjustable appliances for putting that principle into practice, h and perishable materials in all three branches of manufacture. With some rough appliances such

12-point

EARLY RESTRICTIONS ON THE TYPOGRAPHIC ART OVERCOME BY PERSEVERING CRAFTSMEN



HESE printers would probably endeavour to stock themselves not merely with the type, but also with matrices of founts of their choice; and, indeed, we naturally imagine that an explanation of the great superiority of our national typography at the close of the fourteenth century, is to be found mainly in the fact that, whereas

many of the early printers used letters undoubtedly wholly cut and cast for them by experienced foreign artists, their successors began first to cast for themselves from purchased matrices, and finally to cut their own punches and justify their own matrices. Printing entered on a gloomy stage of its career in the earlier part of the fifteenth century, and as State restrictions gradually hemmed it in, crushing by its monopolies healthy competition, and by its jealousy foreign trade, every printer became his own typefounder, not because he would, but because he was forced by circumstances: the typographic art suffered in consequence.

Of the operations of thes well able to form some a preserved to us by an ear a very remarkable manne brick furnace, casting lett differs very largely from t pyramidical in shape, and interior: two of the mou which the matrix was ins the caster is grasping this bipartite, and needed two casting; again, the letters to them, which, at that d to be easily detached; beh most likely intended to c lie on the top waiting the of these two shelves above the metal would be mixed also on the upper shelf, b suggestive of the use eith as an historian suggests, f into for use in the meltin caster is operating in all p office, and another intere

9-point.

Eight-point Dutch Old Face Nine-point Dutch Old Face

ENACTMENTS REGULATING PRINTED WORKS OF THE SIXTEENTH CENTURY

OWEVER indistinct these remarks may appear to the student, the fact remains that the industry is not specifically mentioned in public documents of that period. We are not on that account, therefore, to assume either that the restrictive clauses of these previous enactments which regulated printing, did not also apply to letterfounding, or that as an occupation it bad no divided existence before that date. The divorce of letterfounding from printing was undoubtedly a long and gradual process, and although it would be difficult indeed, to fix a precise date to the completion of that process, we may conclude from the fact that certain decrees, which includes almost every other branch of industry connected with typography, makes no mention of letterfounding, whilst on the other hand certain decrees name it, that between these differing authorities, printers ceased to be their own typefounders. It would be somewhat erroneous to imagine that the Star Chamber decree in any sense created letterfounding as a distinct trade. Its purpose, as in the case of printing, was to restrict the number of those who were employed in it, which had probably grown excessive. In one remarkable little tract issued about this time the author, after highly commending a decree limiting the number of printers, goes on to say that notwithstanding these stern measures, less than three years later "printing and printers were grown to monstrous excess and exorbitant not," and that the law was openly infringed at all points, and in this "monstrous excess and exorbitant riot," it is more than likely that the letterfounders of the day figured. Again, it seems equally probable that there were several letterfounders, who were appointed by a much later act as the authorised founders, bad already been founding types for several years with or without the sanction of the authorities. In the disastrous

8-point

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POPULAR BIOGRAPHY OF STATESMAN AND PHILOSOPHER

Moreover, his vocation as a printer at Philadelphia brought him to the notice of the mayor, an incident which had a very powerful influence upon his future life, while his remarkable cleverness in the printing of State paper money soon gained for him the friendship of several important members of the government. Among these was the celebrated advocate Andrew Hamilton who procured for him the appointment of State printer; again, his proprietorship of an important paper brought him many friends; in fact his whole political life originated

38 A 165a 10-POINT KENNERLEY 10 LBS.

SOME EMINENT CRAFTSMEN OF THE AMERICAN CONTINENT

Bearing in mind the remarkable talent with which Franklin was endowed which must have made him a reputable man under any condition, yet he would have been a much smaller man historically, so to speak, had he not in his youthful days been a practical printer. Bound apprentice to the trade at the age of twelve, he was brought into direct connection from his very earliest youth with the booksellers of his locality, which gave him an exceptional opportunity of borrowing and reading numerous books. His varied duties brought him into contact with eminent literary characters, some of whom possessed excellent libraries and whose conversation as well as books, greatly enlarged his mind, while his ability

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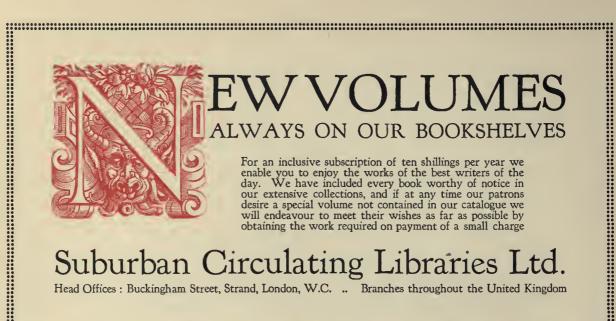
INTERESTING HISTORICAL INCIDENTS IN THE CAREER OF BENJAMIN FRANKLIN

His proprietorship of an important publication certainly gained him many friends, in fact his whole political career originated in and was influenced by his connection with typography; it is therefore somewhat remarkable that his name throughout the world is almost entirely associated with his politics, his philosophy and his science. Upon the scores of portraits engraved in his honour he is always referred to as the statesman and philosopher, and for years I have sought in vain for a portrait upon which his connection with the printing press was in any way recognised; moreover the dealers and collectors knew of none such, and it was only during the last twenty years that an almost unknown engraving reached my hands upon which Franklin was designated as the philosopher and printer; again, of all the medals struck in his honour, and they are numerous, not one

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Although we now arrive to that knowledge whereunto the oracle directeth us, which is the knowledge of ourselves. This knowledge as it is the end and term of natural philosophy in the intention of man, so it is but a portion of natural philosophy in the continent of nature. And generally let this be a rule, that all partitions of knowledges be accepted mainly for lines and veins than for sections and separations; and that the continuance and entireness of knowledge be preserved. For the contrary hereof hath made the particular sciences to become barren, shallow, and erroneous, while they have not been nourished and maintained from the common fountain. So we see Cicero, the orator, complained of Socrates and his school, that he was the first that separated philosophy and rhetoric whereupon rhetoric became an empty and verbal art. So we may again see that the opinion of Copernicus, touching the rotation of the earth, which astronomy itself cannot correct, because it is



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HE reduction of science to mere axioms is to ascertain what fundamental or rudimental tenets are the foundation and to anatomise the several maxims whereof this knowledge consisteth and also the elements which engender 2890

ND the science of mathematics also compriseth those tenets which describe the laws relating to dimension or measurement and those also which discourse on number and magnitude but mathematics which considers whether they are abstract or material provides uniform 67890

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ALANCE and harmony throughout composition are fundamental factors which determine craftsmanship in conventional and concordant design but without these tenets composition becomes invalidate and obtrusive: the characteristic features the craftsman emulates is that knowledge inculcated in the former or encouraged with desire to include exactitude and uniformity of construction while the incongruous and discordant undervalues harmonious 123456 ENCE, humanity consisteth of the same parts whereof man doth consist: the knowledges which respect the mind with

knowledges relative to the body; before we distribute the nature that is peculiar to mankind so far, however, it would be beneficial to constitute; so that we must take the consideration of human nature in general to be fit to be emancipate and made a knowledge of itself, not so much in regard to those delightful and elegant discourses which are emanant from the moral dignity of mankind, or in respect to those misfortunes and miseries of his state and life, and also the like adjunct of his common nature, but in regard of the knowledge concerning the concordances or of sympathies which are between the mind and body, and therefore 1234567890

ESUMING, astrology pretendeth to disclose that correspondence which is between the superior and inferior globe; however spontaneous magic sets claim to overcome this natural philosophy from the variety of speculation to magnitude of works; and alchemy also pretendeth to fashion separation of peculiar divisions of bodies which in several mixtures of natures are incorporate; moreover, the derivations and also prosecutions to these ends, both in the several theories and several practices, abound with error and vanity which many great professors themselves have naturally veiled and concealed by enigmatical literary works, or had to submit themselves to auricular traditions and such other devices that would save the credit of impostures. As for the estimation in which many authors on sciences and philosophies have been held, making them dictators, that their literature should stand, and not magistrates who forthwith are 1234567890

KNOWLEDGE OF HUMANITY.

HOWEVER, returning to the nature that is peculiar to man and termed human philosophy, which contains two principal tenets, we consider man either congregate or segregate; hence, human wisdom becomes conjugate and civil or simple and particular; but undoubtedly humanity compriseth the identical parts whereof man inhereth: that is specially of knowledges which respect the frame and also of the cognition which esteems the mind. But before distributing so far, it is perhaps good to constitute and take the consideration in common, of human nature to be prepared to be emancipate and created a cognition by itself, not so much in relation to those delightful and wonderful discourses which emanate of the dignity of man, of his miseries, of his state and life, including the like adjunct of his undivided nature and 1234567890

INCLOSURES OF PARTICULARITY.

ETURNING, it appeareth that I have also apportioned to philosophy the principles advocated. Mathematics, however, are either pure or mixed: to the pure mathematics must be placed the sciences which handle quantity determinate, merely severed from any axioms of natural philosophy; and consisting of but geometry and arithmetic: the former dealing with quantity continued the other dissevered. Mixed hath for subject the axioms or parts of natural philosophy, and moreover considereth quantity determined, as it is auxiliary and also incident unto them; for naturally, many parts of Nature can not be invented with sufficient subtlety, nor demonstrated with the necessary perspicuity, nor accommodated unto use with sufficient skill, without the intervention of the mathematics, of which order are perspective music, astronomy, cosmography, architecture, engineery, and divers others; however, in the mathematics I can ascertain no defect, except however, men do not thoroughly understand the excellent means of calculation 1234567890

EXPERIMENTAL AND PHILOSOPHICAL.

YATURAL circumspection, or the part operative of natural philosophy, we will separate into classes, experimental, philosophical, and magical; which three classes active have a correspondence and analogy with the three divisions speculative, natural history, physic, and metaphysic; for undoubtedly numerous operations have been invented, sometimes by a chance incidence and occurrence; occasionally by a purposed and well thought out experiment, and of those which have been found by an intentional experiment some undoubtedly have also been revealed by changing or extending the experiment, others by transferring and compounding divers experiments the one into the other, which kind of invention an empiric may manage; moreover by the knowledge of physical causes there cannot fail to arise many indications and designations of new particulars if men in their speculation will keep one eve upon use and practice. These are but coastings along the shore premendo littus iniquum; for it seemeth to me there can scarcely be discovered any radical or fundamental changes and innovations in Nature itself, either by the fortune and essays of experiments, or by the light and direction of physical causes. If we have, therefore, also reported metaphysic deficient, it must follow that we do the like of natural magic, which undoubtedly hath relation thereunto; moreover, as for the natural magic whereof now there is notice in books, containing many. credulous and superstitious conceits and observations of sympathies and antipathies, and hidden 1234567890

DIVERSE ADMINISTRATIONS AND MANAGINGS

RIEFLY, a history of learning, containing many antiquities, and originals of knowledges, together with their inventions, traditions, different administrations and managings, flourishings, oppositions, depressions, oblivions, removes, with the causes and also occasions of them, and all other events concerning learning, throughout the centuries of the world, I may solemnly declare to be wanting, the particular value of which work I do not so much design for curiosity and satisfaction of those that are the lovers of learning, but ehicfly for a more serious and grave purpose, that it will undoubtedly make learned men wise in the administration of learning; moreover, the history of Nature is of three sorts, that is history of ereatures, marvels, and arts. The first of these is extant and that in excellent perfection; the remaining two are handled so weakly and unprofitably as I am constrained to note them as deficient; for I find no sufficient or competent collection of the works of Nature which have a digression and deflexion from the eustomary eourse of generations, productions, and motions, no matter whether they be singularities of place and region, or the remarkable events of time and chance, or moreover the effects of yet unknown properties, or the instances of exception to general kinds. It is moreover true I find a number of books of fabulous experiments and secrets, and trifling impostures for pleasure and strangeness; but a collection of the heteroclites or irregularities of Nature, well examined and fully described, I find not, specially not with due rejection of fables and popular errors; for as things now are if an untruth in Nature be once on foot, what by reason of the neglect of examination and countenance of antiquity, also what by sound reason of the use of the opinion in similitudes and ornaments of speech, it is but rarely called down; neither am 1 of the confirmed belief in this history of marvels that narrations of sorceries, witehcrafts, dreams, divinations, and the like, where there is an assurance and clear evidence of the fact, be altogether excluded; for it is not yet clearly known in what cases and how far results attributed to superstition do really participate of true natural causes; and, therefore, the practice of such is 1234567890

INTENTIONAL, EXPERIMENTAL, AND PHILOSOPHICAL.

OWEVER, a history of learning, containing many antiquities and originals of knowledges and their sects, their inventions, traditions, administrations, and managings, flourishings, oppositions, depressions, oblivions, removes, with the causes and also occasions of them, and other special events concerning learning, throughout the ages of the world, I may truly affirm to be wanting; the special value, not, perhaps, especially designed for inquisitiveness and satisfaction to the lovers of learning, but more particularly for serious and grave purposes inasmuch as it will undoubtedly make learned men wise in the administration of learning. Moreover, the history of Nature is peculiarly of three sorts; history of creatures, marvels, and arts: the first of these undoubtedly is extant, and that in excellent perfection; the two latter are handled so weakly and unprofitably as I am again constrained to note them as being deficient; for I find no sufficient or competent collection of the works of Nature which have a digression and deflexion from the ordinary course of generations, productions, and motions; whether they be the singularities of place and region, or the remarkable events of time and chance, or the effects of yet unknown properties, or the numerous instances of exception to general kinds. It is also true I find a number of books of fabulous experiments secrets, and frivolous impostures for pleasure and strangeness; but on the other hand a substantial and severe collection of the heteroclites or irregulars of Nature well tested and fully described, and I find more especially with due 1234567890

8-point.

REMARKABLE OBSERVATIONS OF SYMPATHIES AND ANTIPATHIES.

MOREOVER, natural circumspection, or the part operative of natural philosophy, we will separate into classes, experimental, philosophical, and magical; which three classes active have a direct correspondence and analogy with the divisions speculative, natural history, physic, and metaphysic; for undoubtedly several operations have been invented, sometimes by a chance incidence and occurrence: occasionally by a purposed and carefully thought out experiment, and of those which have curiously been found by an intentional experiment some naturally have been revealed by varying or extending the same experiment, others by transferring and compounding numerous experiments the one into the other, which peculiar kind of invention an empiric may manage; moreover by the wide knowledge of physical causes there cannot fail to arise indications and designations of further particulars if men in their speculation will keep one eye upon use and practice. These are but coastings along the shore premendo littus iniquum for it seemeth to me there can scarcely be discovered any fundamental or radical changes and innovations in Nature itself, either by the fortune and essays of experiments, or by the light and direction of physical causes. If we have, therefore, reported metaphysic deficient, it must follow that we do the like of natural magic, which undoubtedly hath relation thereunto; again, as for the natural magic whereof now there is notice in books, which contains many credulous and superstitious conceits and observations of sympathies and antipathies, and hidden proprieties and also numerous frivolous experiments, strange rather by disguisement than in themselves, it is as far differing in truth of Nature from such a knowledge as we require as the story of Hugh of Bordeaux differs from Cæsar's Commentaries in truth of story, for it is manifest that Cæsar did greater things de vero than these imaginary heroes were feigned to do, but he did them not in that fabulous manner. Therefore we may also note in these sciences which hold so much of imagination and belief, as this degenerate natural magic, alchemy, astrology, and the like, that in their propositions the description of the means is ever more monstrous than the pretence or end. For it is a thing more probable that this 1234567890

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MODERN designs in ornamental work and natural balance of whole production are considered 1234

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PRINTING had sunk somewhat beneath par during that memorable and historical age with disturbing results 5678

FRANCE welcomed the coincidental introduction and establishment of the noble art of printing and historic roman character which momentous 12345

30-POINT BASKERVILLE OLD STYLE ITALIC

WITHOUT question decided and remarkable advancement characterises the composition during recent years while the craftsmanship and numerous methods discernable in 67890 RESUMING, if judgment transmits any specified weight, the purpose of history mechanical is naturally the most radical toward true philosophy; such, moreover, as shall not vanish in the thin vapours of subtle, sublime or delectable speculation, but shall at the same time be operative to the benefit and endowment of that general 1234

24-POINT (SMALL FACE) BASKERVILLE OLD STYLE ITALIC.

BRIEFLY, and in conclusion, I contend that the sciences which have wider intelligence and confederacy with the imagination of man than with his reasoning powers are astrology, natural magic, and alchemy, which sciences the ends or pretences are exalted. Astrology feigns to reveal that correspondence or concatenation which is peculiarly between the superior globe and the inferior; magic pretendeth to 567890

HARMONIOUS and symmetrical form certainly gives deportment to the composition and presentation of a mass of type, although some difficulty may be encountered in providing a satisfactory definition why, except the mere duplication and consistency of balance develops a natural delight to the eye by an inexplicable operation. We notice the facade of even the simplest building when reflected on water becomes as a consequence far more interesting and arbitrary. Proportional construction in design to a vertical centre gives equal delight, as we observe in art pottery, in architectural designs, in ornamental or turned woodwork, in basketry and numerous other crafts which are 1234567

14-POINT BASKERVILLE OLD STYLE ITALIC.

NEVERTHELESS it is acknowledged that modern printing is practically devoid of ornamental border and adornment although certain representations of display composition demand some kind of enclosure to obtain correct design and appearance of a perfect structure. Style of display alters, but there remains some resemblance to the endeavours of the historical craftsmen of the typographic art, and even a similarity to the writings by ancient manuscript writers who preceded printing. This remark is obviously complimentary to the early writers and is given in manner bearing no animosity; in fact, there is one class which we hardly appreciate or understand rightly in this modern age. The borders in which they delighted sought after the mediæval design and exercised their endeavours in describing 123456789

MODERN IMPROVEMENTS COMPARED.

EVERYONE with only a very slight knowledge of the modern system of punch-cutting cannot but be struck on reading these directions how very insignificant a change the manual processes of the craft have undergone in course of the last century. Indeed, after allowing for the latest improvements made in mechanical implements and much greater variety of ganges, it might almost be said that the early craftsman knew scarcely less than the punch-cutter of the present age who has the accumulated experience and education of a hundred years. The remarks by Martin are concentrated on the roman and italic, also black-letter, which he illustrates by means of a number of plates devised 1234567890

USE OF TEMPORARY STANDING FORMES.

NUMEROUS discussions have given expression recently on the relative position of the standing forme, for mistakes usually arise through neglect and indecision when delineating their direct cost of maintenance. There are always a number of formes in printing establishments, however, which are used during regular seasons and have been on the standing forme list many years, and it is readily admitted that these formes return a reasonable percentage of profit when charged under a regular system. But these are not the formes which should cause printers any trouble. Often a customer waits upon the typographer with a large consignment of manuscript required almost immediately; but when his ardour retards somewhat, or becomes no longer anxious to pursue the commission, or is now so overflowing with novel ideas on which 1234567890

12-point,

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ISTINCTIVE and harmonious display combined with legibility stand out prominently as the most important features in the composition of calendars. In no other line are there such choice variations of mechanical and artistic qualities as in this. Numerous gift calendars are produced on most elaborate and expensive scales, yet they entirely lack one or more of these very essential factors, and although there are certain exceptions, the general criticism also applies to many pictorial calendars. The most useful and tasteful designs are those in which conventional forms with repeating patterns producing a framed and harmonious effect in construction to meet the requirements of the illustration, advertising space and calendar. There is much variation in the custom of placing the advertiser's announcement, but whenever this copy infringes upon or throws out of balance the blank margins of the illustrations, they detract greatly from the general merit of the calendar as a whole. A panel design between the pictorial subject and calendar pad is certainly the most permanent location for the advertising announcement, and the uncouth and inconsistent placing which is usually credited to advertisements is unquestionably due to the advertiser's special desire for prominence, but to the detriment of pleasing combination. Many calendar headlines and much of the display work on illustrated almanacs in half-tone or colours, are either from the ornamental types 1234567890 S.boint.

DISTINCTION BETWEEN PAST AND PRESENT DAY TYPOGRAPHERS.

ONTEMPORARY typographers are, undoubtedly, excellent mechanics, while their better work, indeed, is almost faultless in the style understood ns modern; but there are difficulties that are deeper in typography than hard packing, sharp impressions, perfect mitres, glossy paper and perfect register; these are very good and necessary, but the most essential elements of permanent value in the art of printing are clarity, colour and proportion, qualities so subtle that very few divine theat, and none without study; hence the rarity of quaster works in any one beriod. The typographers of to-day are more skilful than their predecessors, but their studies are too confined to products of the present time, and though general commercial printing is certainly more important than other kinds, notwithstonding they retard progress who produce their works solely after the fashions of the hour. Morris will always be remembered as one who has caused us to discover its puerility. With hunds full of craftsmnnship and a head full of poetry he fell in love with printing; he went hack nearly four centuries in search of craftmasters, and thus restored the grace and beauty to typography; he printed very few books, hut these were of such fine production that they actually revolutionised the commercial work of the world during that period, and although his followers are nigh innumerable yet most of them are absolutely ignorant of Morris and his work. Nevertheless his handiwork is hy ao means faultless. In so far that his style of typography is merely copied its influence will surely wane, but in so far that his wonderful craftsmanship induces and arouses incentive in typographers to utilise similar classical sources of inspiration thea the influence of Morris will gradually increase and create a general desire for more knowledge of the ancient art; naturally, with the progress of time, his works have been surpussed by particularly ardent and clever followers. The early printers were successors of two perfected arts employed in the production of bookwork, nomely, illuminating and lettering; and their work was based an absolutely solid foundations when they followed those historic craftmasters. Then printers entered on new paths, and many were influenced 1234567890 6-point.

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REMARKABLE BIRMINGHAM DOCUMENTS
Notwithstanding recent important Discoveries, numerous

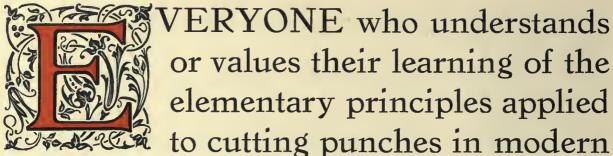
Notwithstanding recent important Discoveries, numero valuable Manuscripts certainly remain Hidden HANDSOME EUROPEAN MODERN STRUCTURES
Striking Characteristics and Achievements undoubtedly distinguish
Twentieth Century Municipal Engineering Operations

ENCE teachers with unstinted license oftentimes so mistakably extended to numerous arts do somehow deteriorate and consequently all observe the mischief certain sciences have sustained throughout that remarkable 1470

URING that time roman characters were acknowledged and established coincidently their remarkable charm in continental foundries which under the careful supervising influence of certain renowned artists not only maintained the wonderful enchantment but improved the 13579

HEREFORE noting such reservation we return to humanity or human sympathy which indisputably doth consist of two remarkable separations hence we discern primarily man separately or segregate secondly man congregate or combinedly then numerous scientists also acknowledged humanity was undoubtedly distributive being particular or conjugate but foremostly whereof learning and 12345

EENTION of these great thinkers and physicists who have accepted this important evidence enables us to conclude ether gives a practicable solution to numerous enigmas of this wondrous material universe. How immensely the opinions of distinguished scientists regarding the ether have changed is readily noticed by reference to standard authorities of the past generation. Many eminent philosophers had manifested its existence in space but the nations knew nothing of these beliefs which science 67890



times as compared with the historic rude practices which were probably employed during the earlier parts of the eighteenth century should be instantly struck at the remarkable resemblance between ancient and modern methods even conceding the greater variety of gauges and consequent practical alterations in tools together with the accumulated experience and teaching of more than one hundred years. Martin wrote histories on roman and black-letter and with a series of plates devised on the same principles adopted in former works illustrated in magnified shape each letter on squares which were carefully divided into forty-two separate sections giving an uniform proportion for every 1234567890

ONTEMPORARY typographers, judged by their almost perfect craftsmanship in that particular style termed modern, are certainly practical mechanics; but much more is required of the art than accurate

register and sharp impression on nice toned paper, very truly these factors are necessary and important, but the fundamental principles of permanent worth in printing are colour, harmony and balance, qualities so subtle that very few divine them without thought and study, hence the scarcity of masterpieces throughout any one period. Modern typographers are more scientific than many of the earlier craftsmen because most commercial printing demands some mechanical treatment, nevertheless they mistake art who model work purely after the fashion of the times. Morris will long be remembered as one who inspired and caused us to discover its puerility; with his hands full of craftsmanship and his head full of poetry this historic art recovered much of its enchantment and beauty; so noble was his love for printing he went back four centuries for masters, but although his copyists are counted in thousands the majority are perhaps ignorant of Morris and his handiwork; in so far that his work is merely imitated his remarkable influence will diminish but when typographers are inspired by the same artistic desires for advancement then his wonderful 1234567890

HONOURABLE EMPLOYMENTS.

OWEVER, after examining life's varied employments in none can be traced so distinctly the action and counteraction upon learning and occupation as is discerned in the history of famous printers, for unquestionably many men are worldly renowned in literature who began their careers as typographers; then in numerous instances, following the precedent of celebrated pioneers, men have established and carried on printing houses as the useful means of exercising their intellectual powers. The former class boasts no greater influence in this direction than the honoured name of Franklin, the writer of biographies, memoirs, and essays; yet, notwithstanding, in his own history, while praising his patriotism, genius, virtue and science, many authors make little reference to the remarkable influence which his early career as a printer made upon his literary tastes, the development of his noble character, or the formation of his friendships that consequently paved the pathway which brought him honour and renown 13457890

SOME PARADOXES OF SCIENCE.

ISTINGUISHED scientists assert that the solid and evidently homogeneous substance described peculiarly as the wonderful and omnipresent element ether, infinitesimally compressed and confined to the least possible space would then be equivalent to one ten-thousand-millionth part of the platinum particle, while the most remarkable feature would be the extraordinary density of ether as compared with platinum. There are many arguments which consequently evince this paradoxical truth relating to the mathematics of electricity. Many physicists consider the high density of the ether would be of an electro-magnetic nature which cannot be moved mechanically, so the leading scientific theories that define this enigmatical material substance as being the most solid and heaviest conceivable, or assume what is undoubtedly represented by our common knowledge as mass and weight, receive munificent support through these comprehensive propositions. Granting the theory that ether is denser and more solid than metal, numerous problems immediately present themselves for scientific explanation; how very difficult to understand from this philosophic theorising why celestial bodies move through such a substance without constant and also 1234567890

THE STATESMAN AND PHILOSOPHER.

OREOVER, his extensive printing experience gained at Philadelphia decided the governor an incident that undoubtedly influenced his already optimistic future, while his handling of the difficult paper-money printing almost

naturally obtained for him the powerful friendship of the most influential members of the Government, and finally procured for him the appointment of State printer; again, his proprietorship of an important paper also brought him many friends; in fact his whole political career originated in and was influenced by his connection with typography. It is therefore somewhat remarkable that his name should throughout the world be almost exclusively associated with his politics, his philosophy, and his science. Upon the score of portraits engraved in his honour he is always referred to as the statesman and philosopher, while his connection with the printing press was absolutely unrecognised; moreover of all the medals struck in his honour, and they are many, not one condescends to name him as a printer, a title which Franklin himself highly prized to his dying day: surely a very interesting and amusing volume might be written upon him, leaving out altogether the patriotic and scientific side of his character. He was on terms of intimacy with all the great and learned printers of his day, and numerous letters from eminent typographers still exist, offering an attractive field for biography: the cleverness and resources exhibited by Franklin are well known; possibly the least known was his ability in casting type, for when out of sorts the ordinary workman takes the nearest face suitable as a makeshift; but not so with Franklin, he was not overcome by difficulties, for carefully selecting a type of the sort required, and using it as a punch, he struck it into a cube of clay, thus making the matrix; then with great trouble and perseverance ultimately succeeded in casting the letter, although not so 1234567890

REMARKABLE TYPOGRAPHICAL BIOGRAPHIES.

Franklin was enriched and that such undoubtedly would have inevitably made him a foremost man, still he would have historically been a lesser man so to speak, had he not, for some time in his youth studied printing. Bound to the trade as apprentice

at twelve, he was brought into direct connection from his earliest youth with the chief booksellers of his locality, which gave him an exceptional opportunity of borrowing and reading numerous books. His varied duties brought him also into contact with many literary characters, some of whom possessed excellent libraries, and whose conversation, as well as books, greatly enlarged his mind; while his subsequent ability as a printer also brought him to the notice of a high official, an event which indirectly had a strong influence upon his future; again his cleverness in the printing of the paper-money gained him the notice and friendship of the most influential men of his day, among these being the renowned lawyer Andrew Hamilton who eventually secured for him an influential public appointment. His proprietorship of an important publication certainly gained him many friends; in fact, his whole political career originated in and was influenced by his connection with typography; it is therefore somewhat remarkable that his name throughout the world is almost entirely associated with his politics, his philosophy, and his science. Upon the scores of portraits engraved in his honour he is always referred to as the statesman and philosopher, and for years I have sought in vain for a portrait upon which his connection with the printing press was in any way recognised; moreover, the dealers and collectors knew of none such, and it was only during the last twenty years that an almost unknown engraving reached my hands upon which he is designated as the philosopher and printer; again of all the medals struck in his honour, and they are numerous, not one even deigns to name him as a printer: a title of which Franklin himself was proud to his dying day. Surely a very interesting and entertaining volume might usefully be written upon him as a printer leaving out all consideration of the patriotic and scientific side of his character; for he was on terms of intimacy with all the great and learned printers of his day, and numerous letters 1234567890

SOME HISTORICAL RESEARCH DISCOVERIES.



SELESS, indeed, may certainly be applied to attempts to substantiate the many surprising versions that bear somewhat characteristically on printing and its history. What a fine figure did the famous Laurence Janszoon Coster exhibit some many years back! his birthplace parentage, and ancestors were collectively known, his

posterity even to the third and fourth generations were tabulated in a genealogical tree, which, for minute precision and accuracy, seemed well nigh incredible. The particular house in which he unostentatiously lived the famous old town was identified and visited by enthusiastic tourists, while a stone monument was erected in the wood to his memory on the very spot where in meditation he first contemplated the idea of movable types. Even royalty and the nobility openly honoured his memory; the savants to a man believed in him, and the people were undoubtedly very proud of him; medals in abundance were struck in his honour; also rare paintings and engravings taken from contemporary portraits were multiplied throughout the land; the remarkable books he had printed were shown as priceless treasures in the national museum, and his name and occupation were shown entered in the fifteenth century records of the town archives; indeed, no stronger evidence could be brought than prevailed during that historic period. But leaving the question relating to the invention of typography as unsolved, it would be but reasonable conjecture to suppose that the first idea of movable type was suggested to the mind of the inventor by studying the handiwork of a xylographic printer, and a close observation of the cumbrous and wearisome method by which his books were produced. The irksome task involved in first painfully tracing the reversed characters and figures on the wood, then of engraving them, and finally of printing them with the frotten, would appear, in the designing of many small school books at any rate, for the production of which this process was so constantly resorted to, scarcely less tedious than copying the required number by the dexterous pen of a scribe. And even if, at a much later period, the bookmakers obviated that tedium by writing their text in the ordinary manner on a prepared paper, and with special ink took a transfer of their copy, after the style of the Chinese, on to the blocks when once their work was done, would doubtless impress the inventive genius with a deep sense of impatience and dissatisfaction. We can also imagine him keenly examining the first page of an Abecedarium, on which would be engraved the letters of the alphabet, with a clear space between each character, and speculating as Cicero speculated centuries before, on the possibilities open 1234567890

STEADY PERSEVERANCE UNMISTAKABLY RECOGNISED.

RANTED that the peculiar talent with which Franklin was undoubtedly gifted might have inevitably secured to him a remarkable and useful career, yet he would, however, have been a smaller man historically, so to speak, had he not for eighteen or more years been an all-round practical printer. Bound apprentice to the trade, he was therefore in touch from his early boyhood with the booksellers of his locality

which gave him numerous opportunities of borrowing and reading books. His peculiar avocation quickly brought him into connection with several literary men whose conversation, as well as books, greatly enlarged his mind; while his subsequent ability as a printer introduced him to the attention of a high official, an event which indirectly had a wide influence upon his future; again his cleverness in the printing of the paper-money gained him the notice and friendship of several of the most influential men of his period, among these being a famous advocate, whose powerful influence eventually secured for him a lucrative appointment. His proprietorship of an important paper naturally gained him many friends; in fact his whole political career originated in and was influenced by his connection with typography; it is therefore somewhat remarkable that his name throughout the world is almost entirely associated with his politics, his philosophy, and his science; moreover, upon the several portraits which have been engraved in his honour he is invariably referred to as the statesman and philosopher, and for a long number of years the diligent search for some engraving upon which his connection with the printing press was in any way recognised only proved futile; the dealers and collectors who professed knowledge of rare portraits knew of none such, and it was certainly only during the last twenty years or so that an almost extinct and invaluable portraiture was discovered upon which he is indicated as the philosopher and printer; again, of all the historic medals which have been struck in his honour no mention or reference whatever is made of the handicraft of which Franklin was so justly proud to his dying day. Surely a very interesting and humorous volume might be written upon him, leaving out altogether the philosophic and scientific, the politic and patriotic sides of his character, and considering only his earlier experiences as a printer and publisher. He was on terms of cordial relationship with all the great and leading printers of that period, while many letters from numerous eminent typographers are still in existence, offering an attractive field for biography. The cleverness and resources exhibited by this remarkable man are extremely well known; possibly the least known amongst his many abilities was his knowledge of casting type, which he often exercised when short of sorts; unlike ordinary printers who makeshift with the nearest face obtainable, Franklin was not overcome by these difficulties, for carefully selecting the face of the sorts required, and using it as a punch, he struck this into a cube of clay, thus making the matrix; then with great perseverance he ultimately succeeded in producing similar faces which, although not as perfect in detail and finish as the model, answered their intention and also 1234567890

BIOGRAPHICAL EXPERIENCES HITHERTO UNRECORDED.

EGARDING life's numerous varied employments in none can we follow the action and reaction of education and craft so markedly upon one another as in a perusal of the history of distinguished printers: many of whom gained renown because they were unquestionably first of all typographers; while others also have established and carried on printing offices as the successful means of exercising to a greater or lesser extent their undoubted mental endowments; particularly to this preceding class belonged Benjamin Franklin, whose life also brought into being more biographies, memoirs and essays than that of any other American; although many of the writers praise his virtues, patriotism, genius, and science, yet very little mention is made of the remarkable influence which his early career as a printer had upon his literary tastes, upon the development of his character, and the formation of his many friendships, which were the stepping stones to fame and honour. His native talents, however, would have made him a remarkable man under almost any conditions, but he would undoubtedly have been a smaller man historically, so to speak, had he not for many years in his youth been a practical printer. Bound apprentice to the trade at the age of twelve, he was brought into connection with the booksellers of his town from his earliest youth, which gave him the unique opportunity of borrowing books. His varied duties also brought him into touch with several literary characters, some of whom had good libraries, and whose conversation, as well as their books, greatly enlarged his mind; while his subsequent knowledge of typography gained for him a very important introduction to a learned advocate, an opportunity which afterwards had an increasing influence on his career, and eventually proved to be the 1234567890

8-point.

HISTORIC REMINISCENCES OF A PHILOSOPHER AND PRINTER.

GOUBTLESS the native talents with which Franklin was endowed would have made him a notable man under any conditions, but he would historically, so to speak, have certainly heen a very much smaller man had he not fortunately in his youth been a printer. Bound as apprentice to the trade when twelve years of age, he was thus hrought into touch with the booksellers of his town from his earliest days, which gave him many exceptional opportunities of borrowing and reading a wide circle of books. His duties also brought him into close connection with numerous literary characters, some of whom certainly had most excellent libraries; moreover his employment as a practical printer at Philadelphia introduced him to the notice of an official, an event which indirectly had an enormous influence upon his future career, while his cleverness in the printing of the nation's paper money, gained him the notice and friendship of many influential men; among these being a famous advocate, whose powerful influence eventually secured for him a public appointment. His proprietorship of an important paper also hrought him many friends; in fact, his whole political career originated in and was influenced by his connection with typography; it seems therefore somewhat remarkable that his name throughout the world is exclusively associated with his politics, philosophy and science. Upon certain portraits engraved in bis bonour he is referred to as the statesman and philosopher; for several years I have sought in vain for a portrait upon which his connection with the printing press was in any way recognised; in fact, the dealers and collectors knew of none such, and it was only during the last twenty years that an almost unknown engraving reached my bands upon which he was designated as the philosopher and printer; further, of all the medals struck in his honour, and they are numerous, not one even deigns to name him as a printer: a title of which Franklin himself was proud to his dying day. Surely an interesting and entertaining volume might usefully he written upon him as a printer, leaving out all consideration of the patriotic and scientific sides of his character; for he was on terms of intimacy with all the great and learned printers of his day, and numerous autograph letters from one printer to another still exist, offering a very attractive field for biography. The cleverness and resources exhibited by Franklin 1234567890

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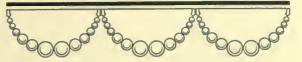
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ETHER is thought by famous scientists and philosophers to undoubtedly control the movements 234

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MERTON postulated several arguments that this mysterious though omnipresent substance existed formerly 5678

PERHAPS after another rigorous investigation this extremely subtile material power may determine how the navigable problems on etheric motion could 1234

30-POINT OLD ROMAN ITALIC.

NUMEROUS philosophic and scientific hypotheses regarding the comparative higher density betwixt ether and platinum are manifestly interpreted through wider observations taken 7890

of marvels the astonishing tales concerning sorcery and magic with the evidences or assurances demonstrating and confirming the doubtful accuracy of such remarkable reading was again altogether and unhesitatingly excluded for precisely how far efforts attributed to credulity do indirectly control 1345

18-POINT (LARGE FACE) OLD ROMAN ITALIC

to these numerous ends were both in theory and practice undoubtedly erroneous several professors themselves have indeed sought to veil over with enigmatical writings and referring themselves to auricular traditions and various other devices to save the reputation of impostures; also for such overmuch credit that hath been permitted to authors in sciences in fashioning them as dictators, that their words may continue and not consuls in the tendering of counsel inasmuch that the peculiar damage sustained 6789

the originals and relics of perception with traditions and occasions, with various events also concerning education throughout the past centuries of the world one may safely affirm to be wanting, the value of which work is desired not for the satisfaction absolutely and solely of students of learning, but particularly for serious purposes believing that in an administration of knowledge it will make the learned wise. Continuing we discover that historical nature is of three kinds briefly described as creatures, marvels and arts. We recognise the first is extant, and undoubtedly in excellent perfection; the latter two are handled so unprofitably and weakly as constrains one to characterise them as incomplete, moreover no sufficient or competent collection of the works of nature which 1234567890

14-POINT OLD ROMAN ITALIC

type continued to occupy considerable space in the early specimen sheets of the founders, but in taking a limited examination of that somewhat remarkable period when

printers were exclusively their own letterfounders, we shall attempt to demonstrate as concisely as possible any additional information which must be regarded not only as the works of our earliest printers but rather as the specimen sheets of several primitive typefounders. Numerous chroniclers are undoubtedly misleading when they single out isolated names as if these only had been solely concerned in the skilful development of the useful art of letter-cutting and founding although it is nevertheless perfectly true that these names were the most distinguished, while it is absolutely necessary to remember the remarkable circumstances under which the numerous 1234567890

SERIOUS DIFFICULTIES OVERCOME.

OUBTLESS, in regard to various types cast in the historic clay moulds of the earlier schools, that to overcome many difficulties incident to irregular heights to paper, uneven bodies, and loose locking up, the expedient may possibly have been tried of say perforating the types and threading a wire through each line, to hold the intractable letters in their place, but, however, this is simply conjecture, for whether such types existed or not, none of them have survived to the present day; it seems almost beyond credit that any such rude experiment ever resulted in the production of a work like before stated, though it is true that writers have maintained that it undoubtedly was so; Fournier, a practical typefounder, insists upon it from the fact that the letters differ widely among themselves 1234567890

12-point.

MATRICES HARMONIOUSLY JUSTIFIED.

EARING in mind the remarkable difficulties, the early typographers apparently mastered the art of justifying matrices, which is extraordinarily demonstrated in the a earliest printed works by the regularity of the series of types, for if anything could be considered evidence that these types were produced from matrices in moulds, this feature is conclusive. Moreover, the matrices must have been harmoniously justified and the mould finished with almost mathematical accuracy, which left extremely little for accomplishment in the matter of improvement to the future generation of typefounders who might possibly come after them. Respecting the mould we have but little more material for conjecture than with regard to the early punches and matrices. The vast importance of absolute squareness in the body and height of type would demand an appliance of even greater precision than the uncertain hollowed cube of sand or clay; also the heat of the lead would point to the adoption of a harder metal, possibly iron or steel; while the varying widths of the sunk letters 1234567890

11-point.

DISTINGUISHED HISTORIAN'S RESEARCHES.

ETURNING to survey those periods of Typography when printers were reasonably assumed to have been their own founders, we may earefully and eoneisely gather together any further information which would throw greater light on numerous methods of letterfounding, leaving it to the historian of printing to suitably describe the productions which must be regarded, not only as the works of our earliest printers, but more especially as the foremost specimen books of our earliest type founders; moreover, our numerous chroniclers are, as we conceive, misleading, when they single out half a dozen names from the numerous printers as if they only had been concerned in the remarkable development of the art of letter cutting and founding. It is true that these names are possibly the most distinguished; but it is also necessary to bear in mind that nevertheless, the most obscure printer of these early days, unless he managed to purchase his founts from abroad, or perhaps obtained the reversion of the worn types of another printer, probably cast his letter in his own moulds and from his own matrices; for respecting many of the early printers, our authentic information 1234567890 10-point.

FUNDAMENTAL PRINCIPLES NOW RECOGNISED.

MRANTING that the fundamental principle of typography is in

the mobility of the type, we will omii, as being beyond the seope of exhaustive enquiry, those xylographie works which preceded typography. Passing on rapidly in review the alleged stepping stones between the two arts, we most certainly fail to see by the use of movable wooden perforated types anything to justify the conclusion that the earliest printer printed books by these means. Such types may have been eut experimentally, but the praetieal difficulty of eutting them square enough to be composed in a forme, and of producing a work of the size and character of the "Speculum" is undoubtedly fatal to their claims. However, nothing astonishes one more upon closely examining many of these earliest prinied works than the wonderful regularity of the type in its body, height, and line; and if anything could be considered evidence that these types were produced from matrices in moulds, and not by the rude method of casting from matrices which, as at the present day, combined body and face in the same moulding, this feature alone is conclusive. We might go further, and assert that not only must the matrices have been harmoniously justified, but also the mould employed, whatever its form, must have had its adjustable paris finished with a near approach to mathematical accuracy, which left extremely little to be accomplished in the way of improvement. 1234567890 9-point.

REMARKABLE EVOLUTION OF LETTERPRESS PRINTING.

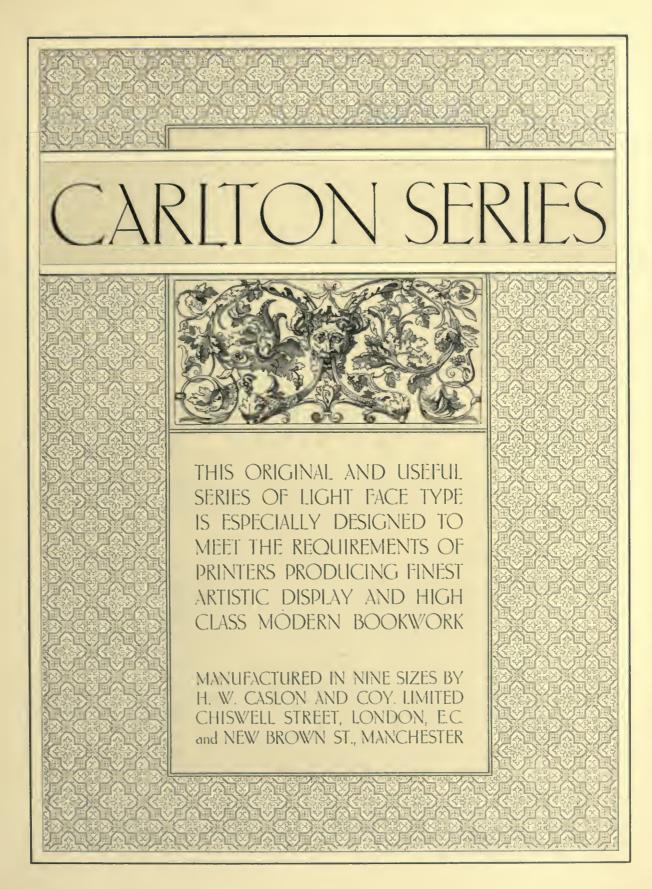
ERTAINLY no modern controversy has aroused such interest, and at the same time such bitterness in its solution, as the effort to get satisfactory proof as to by whom was found out the useful art of printing books; but, moreover, the dust of battle has added to, rather than diminished, the clouds which envelope the problem, and we are tempted to seek refuge in agnosticism which almost openly refuses to believe that printing ever had an inventor. It would be altogether unprofitable to encumber an investigation which relates to the types and typemaking of the fifteenth century by any attempt to discuss the vexed question of the invention of the Art, but the man who invented Typography was possibly the man who invented movable type, and where the one is found we have also found the other; at present it is possible to avail ourselves of evidence that exists as to the nature of the types he and his successors used. No question has aroused greater interest, and excited keener discussion in the history of printing than that of the use of movable wooden types as a first stage in the passage from xylography to typography; for those who write on the affirmative side of the question profess to see in the early works, as well as in the historical statements that are handed down by the old authorities, the clearest evidence that wooden types were used and that several of the most famous works of the earliest printers were produced by their means. However, we may now believe that certain of the early printers, uninitiated into the mystery of the punch, may have tried to cut themselves wooden letters, which when they were untractable under the press, they perforated and strung together in lines; but it is also beyond credit that any such rude experiment ever resulted in the production 1234567890

8-point.

EXTRAORDINARY DISCOVERY OF TYPOGRAPHICAL ANTIQUITIES.

OWEVER, turning again from type casting appliances to the types themselves, we are enabled, thanks to numerous recent discoveries to form a good idea as to their peculiarities. We have previously mentioned that, with reference to the traditional perforated wooden types seen by certain old writers, if all these were the genuine relics they professed to be, they were model types which were used for forming moulds upon or for impressing into matrices of moist clay or soft lead. We have also considered it possible in regard to types cast in the primitive sand or clay moulds of the rude schools, that to overcome the difficulties incident to irregular height to paper, uneven bodies, and loose locking up, the expedient may have been tried of perforating the types and passing a thread or wire through each line, to hold the intractable letters in their place, but this, again, is simply conjecture, and whether such types existed or not none of them have survived to our day, for their possessors as they somewhat slowly discovered the secret of the punch, matrix, and mould, would show little veneration, we imagine, for these clumsy relics of their ignorance, and value them only as old lead, to be remelted and recast by a newer and better method But though no relic of these early cast types remain, we are happily not without means for forming a judgment respecting some of the earliest types of the more finished school of printers. In the bed of the river Saone, near Lyons, opposite the site of one of the remarkable fifteenth century printing houses of that city a number of old types were discovered which there seems every reason to believe belonged once to one of those renowned presses and were used by the early printers of Lyons. They came into the possession of M. Claudin of Paris, the distinguished typographical antiquary, who after careful examination and inquiry, has satisfied himself as to their value and antiquity as genuine relics of the infancy of the art of printing. It has been our excellent fortune by the kindness of M. Claudin, to have an opportunity of inspecting these relics. The metal used is lead, slightly alloyed with some harder substance, which in the case of a few of the types seem to be iron. There is little doubt they were all cast in a mould. The chief point which strikes the observer is the variety in the "height to paper" of the different 1234567890

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DEMOSTHENES BELIEVED IT so essentially necessary to speak well that, though he naturally stuttered, he resolved, by application, to overcome those disadvantages, for he cured his THE ART OF SPEAKING WELL is valuable in every situation of life, and absolutely necessary in most; moreover a man cannot easily distinguish himself without it, in parliament, in the pulpit, or at the bar; and moreover in common conversation he who has acquired an easy and habitual elogence, and who speaks with propriety and accuracy, will have a great advantage over those who

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MOREOVER, AS IT IS NECESSARY TO possess learning, honour, and virtue, to gain the esteem and admiration of mankind, so politeness and excellent breeding are equally necessary to render us agreeable in conversation and also in common life. Great talents are much above the generality of the world, who neither possess them themselves, nor are competent judges of them in others; but all are judges of the lesser talents, such as civility, affability, and also an agreeable address and manner because they feel the good effects of them, as making society easy and also

WITHOUT ATTENTION NOTHING IS TO be done; want of attention is either folly or madness. Also quick and unobserved observation is of infinite advantage in life, and is only to be acquired with care while on the contrary, what is called absence, which is also a thoughtlessness and want of attention about what is doing, makes a man undoubtedly so like the

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MEN WHO DOSSESS THE GREAT ART of pleasing universally, and also of gaining the affections of persons with whom they converse, possess a strength which but little else can give them; a strength which facilitates and helps their rise; and which, in case of accidents, breaks their fall. Few young people sufficiently consider this remarkable point of popularity; but when they grow older and wiser, strive often in vain to recover what they have completely lost by their negligence. There are three principal causes that hinder them from acquiring this useful strength

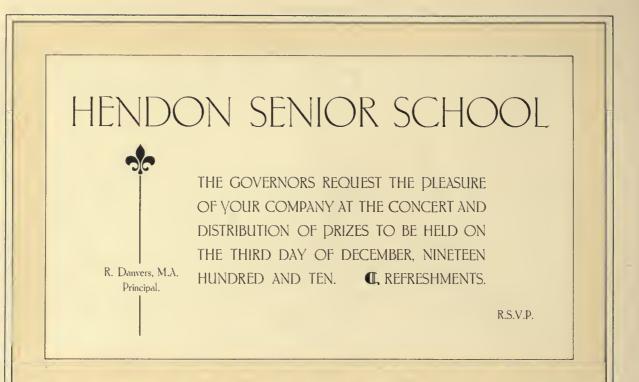
THE MORE WE APPLY TO OUR BUSINESS THE more we relish our pleasures; for the exercise of the mind in the morning, by study, whets the appetite for the pleasures of evening, as the exercise of the body also whets the appetite for dinner. Business and pleasure, rightly understood, mutually assist each other, instead of being enemies as dull or foolish people often think them. We cannot really taste pleasures unless we earn them by previous business; and few people do business well who do nothing else. But again when I speak

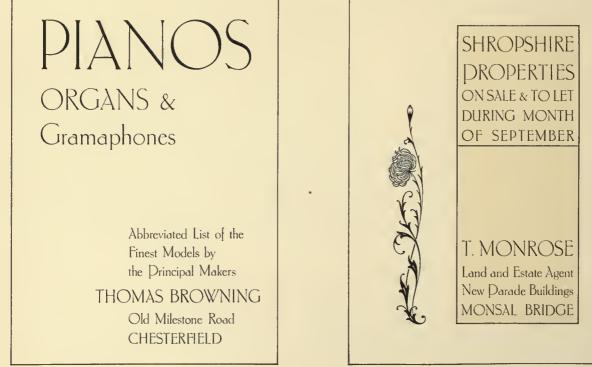
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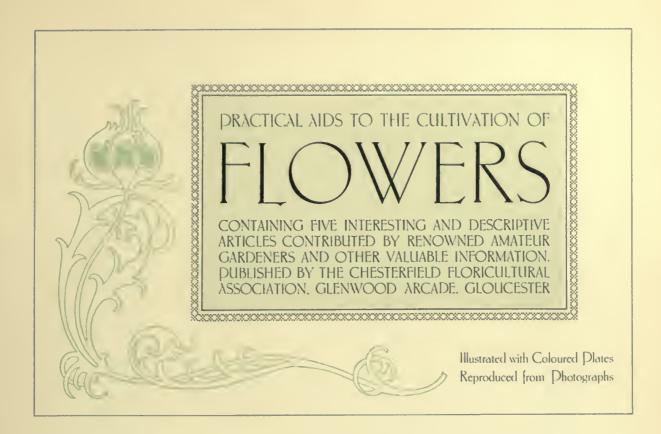
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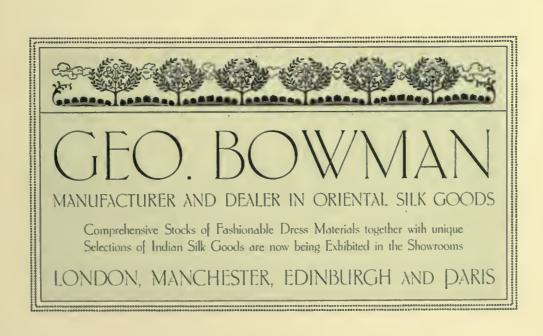
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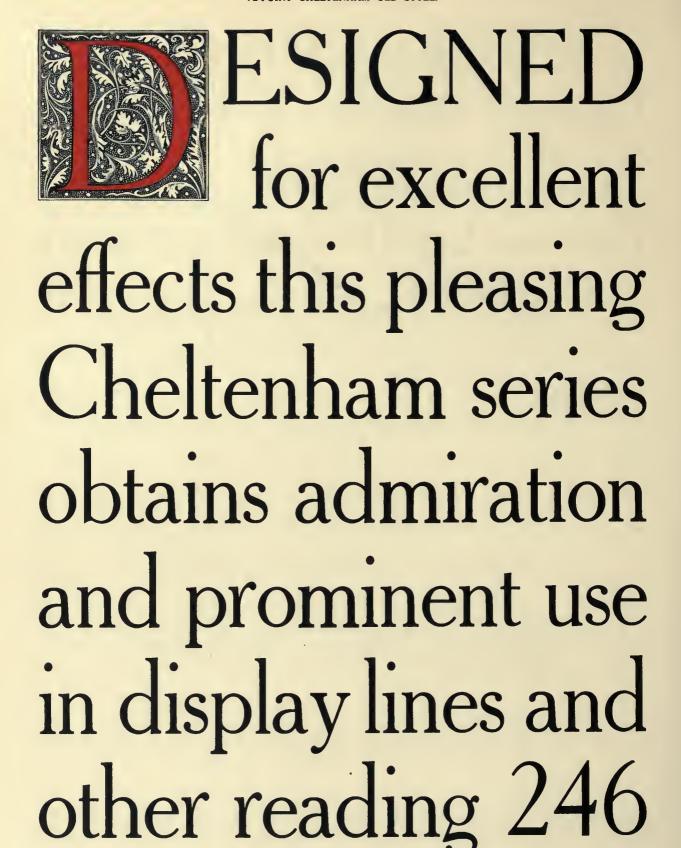
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OTHING was allowed to alter this determined action which now secured to himself the convenient domains and splendid mansion for placing all the numerous treasures gathered during many foreign journeys 6243

HROUGH much influence he gained important rights connecting his grounds with the coach road in the neighbourhood Walpole now informed many suburban friends that having secured the treasure house conveniently situated for inspection he would be gratified to show curiosities which would surprise 784

ESIDING during the autumn at his mansion he arranged the objects displayed in his large collection and classified the residue of his different exploits, including rare books and scarce prints, choice paintings, ancient armour, coins and curiosities. Though with reluctance he had resigned the political world, he experienced an unbounded enthusiasm with greater pleasure in the attention devoted to these treasures 6428

DITORIAL work amidst his manuscripts and books contributed many pleasant moments when writing the memoirs of past collegiate days and compiling delightful reminiscences of statesmen he had entertained during the many years of his active parliamentary life Walpole now fitted up a printing office in an untenanted cottage on his estate and engaged the services of a prominent printer for producing new editions of several publications issued and the step from collecting valuable books to making them he found very absorbing and consequently 24580

ERITORIOUS literary efforts supplied recreation during most of his leisure hours at command being desirous of becoming the

publisher of characteristic works completed and others to be produced as circumstances permitted. I No motive of augmenting his income prompted him to adopt this course for great expenditure was necessary to issue enlarged editions of books pleasing his fancy Printing with splendid letters cut by Caslon which during the preceding eighteen years had been widely introduced and recognised he published many beautiful classical works These productions being most excellently printed and improved, astonished several of the librarians of that period in this country and abroad, though subsequently his private press was destined to receive greater 2468



Visited his printing establishment when it was completely stocked for working and after allowance has been made for

any exaggerated statement it is conclusive that many hundred pounds had been lavished on its equipment including the purchase of the most perfect oak hand press of the period and many characteristic types to distinguish his productions by typographic excellence Malpole decided that the Strawberry Hill Press should be the name of his printing-house, and to still further identify its publications with his residence he had a plate engraved and ornamented with a border from which a coat-of-arms depended, whilst a scroll bearing the motto Fari qua Sentiat was intertwined and this plate with others of various dimensions was printed on his publications. The owner's original intention was to commence his editorial work with a fresh translation of Hentzner's account of his travels and experiences during the year 1624, but obtaining advice from a publisher he altered his determination and proceeded with the manuscripts of biographical memoirs which for several years had been prepared

OMPREHENSIVE editions of various classical works with improved typography and presswork engrossed the attention of his printer, and proved undoubtedly that he had obtained the services of an experienced workman for the various volumes intended to grace the bookshelves of literary men

HORACE WALPOLE spent many weeks each year on the Continent and during that time he wrote Historic Doubts which established his reputation as an author, having an extensive circulation of quite eight hundred copies for the first edition. The Gothic Castle situated near his country mansion, with its collection of pictures, armour and many curiosities, had become celebrated as one of the show places in England, and he declared that he shuddered when the gate bell rang, so numerous were the sightseers, and on very many occasions he was tempted to refuse them admission; but instead of taking this course he erected a cottage near the mansion and fled precipitately when the large number of visitors threatened his studious retirement Moreover, the printing office was extremely interesting to those who journeyed to Strawberry Hill, the process of producing pamphlets and large publications being explained to their complete satisfaction For nearly three years remarkable attention was bestowed on a work which eventually raised a storm of criticism concerning its veracity several influential members of the Society of Antiquaries objecting to its further issue, withdrawing from the society and leaving history to settle the question. The press was now in great danger of coming to a standstill, not through any shortcomings of the printer engaged but because certain manuscripts required revising before they could be proceeded with; in the meantime Walpole prepared a booklet consisting of twenty-five pages, and requested his fellow antiquaries to examine their stores for anything historic or curious to be 12345

PROGRESSIVE SCIENTIFIC RESEARCH

MODERN research during the past twenty or thirty years, by a constant accumulating mass of evidence, has unmistakably driven the greatest thinkers and physicists to search for a still fuller understanding of the enigmas of the material universe; for showing how gradually, in fact, almost imperceptibly, the idea has steadily changed concerning the ether may be observed by referring to any scientific treatise or text-book of about fifty or sixty years ago, for if mentioned there it is simply in terms of doubt and uncertainty. Newton had postulated its existence in space, and Descartes had imagined it as some unknown substance and gaseous combination occupying the vast voids of space beyond this material world, but whose properties and qualities no mortal ever hoped to discover. • Modern science now sees everywhere its hand, for the light which reaches us is a strong vibration of it, the electric current is probably a strain, and wireless telegraphy signals are transmitted by waves of the same inscrutable ether. Gravitation, that force much swifter than light, omnipresent, all-pervading, which controls the movements of the universe and fixes the place of sun and planets is etheric; also matter itself is suspected by the daring inquirer to be composed of electrons, which are particles of it, and we ourselves may be only vibrations of the same substance; it is everywhere, and to its strains the phenomena of life and existence have been reduced by modern thought. C Sir Oliver Lodge attracted great attention by putting forward another hypothesis, related in some degree, in the Philosophical Magazine, starting with the view provisionally accepted by scientists and supported by substantial evidence, that all matter is composed of electrons or infinitesimal configurations of the ether moving about freely and also endowed with some definite embodiment, though transparent and 234567

COMPREHENSIVE SCIENTIFIC INFORMATION

EMINENT scientists state that extraordinary effects would undoubtedly be produced if human eyesight had many million times its power, for we should observe in a lump of platinum a space closely packed with atoms of the size of footballs, and could we again magnify these to the size of a house the result would certainly be most astonishing, emptiness instead of solid substance; in each atom some thousands or tens of thousands of electrons would be whirling round with inconceivably rapid movement, which, holding the empty space like a garrison. would prevent all intruders; but the strangest feature of the atom would be its emptiness, for if compressed into the smallest possible space, packed together as closely as can be conceived, the electrons or corpuscles would occupy only one ten-thousand-millionth part of the platinum. C. The rest of the seemingly solid and homogeneous body would be clear of all visible substance, unsubstantial as space through which the heavenly bodies move appears to our existing senses. From this it should further follow that the density of the ether will be at least ten thousand million times that of the platinum which its particles form when arranged in a certain way; instead of being incredibly tenuous, the substance which fills space may be denser far than platinum, which is one of the heaviest and most solid substances that exist; again, there are other arguments concerned with the abstruse mathematics of electricity, for the density of the ether would be of an electro-magnetic nature, and would not be felt mechanically, because it cannot be moved by mechanical means: the theory that Professor Reynolds put before the scientific world quite recently was indeed very similar to this opinion in many particulars. C. This theory had the rare merit of giving an intelligible account of gravitation, the force which has as yet eluded scientific explanation, but on account of the immense paradoxes in its reasoning it did not find general acceptance, yet towards it the world is still moving, but as for the paradoxes it is well to remember that the evidence of the senses should be distrusted at every point; the senses would tell us that the world is flat, and that the sun revolves around the earth; for no progress in science was possible till men got away from the senses and tested their verdicts by reason; so that it does not disprove the theory of the ether or render absurd the present explanation of substance and matter if the table which we touch appears to the senses to be solid material, whereas the ether appears to be something the reverse of all that is implied in solidity and density; but another twenty years of investigation may yield far more fruitful results, and by unlocking the terrific forces centred in nature may enable mankind to attain the ideal of etheric navigation which eminent scientists 23456

REMARKABLE TYPOGRAPHICAL ANTIQUITIES

VITHIN the last twenty or thirty years very greatly increased attention has been paid to the study of typographical antiquities; up to that time a large number of books undoubtedly existed dealing with numerous phases of the early history of the art, but they were characterised by remarkable looseness of statement and extreme hardihood of assertion in very many instances; also we have seen publications that professed to claim originality produce matter for their readers which was only transposed from superseded sources, and that ignored entirely the results of recent investigation and latest research. The question may possibly be asked whether antiquities are worth their search, troubling about the old things of the past, when there are much better things in existence in the present, and will be in the future? • We will not deny the statement that we, living in the present century, are in many respects in advance of, although we come after, our craftsmen of the eighteenth century; but there are great practical and utilitarian reasons for not ignoring the achievements of our ancestors, for the study of ancient books merely as old books would appear to be a pursuit the very reverse of remunerative, and perhaps the reverse of attractive; but we will take a case for illustration, which occurs frequently. There is an old worn and soiled volume exposed for sale outside a bookseller's window which is passed over by many who are in search of a perfect binding and clean pages, the type in this book being dark and close together, and the binding worse than 23456

11-point.

REMARKABLE TYPOGRAPHICAL ANTIQUITIES

BVIOUSLY, another day, this particular volume suddenly attracts the attention of one who now remembers seeing an advertisement for this same work, and he examines the title-page, notes if there is an imprint or a device, runs his fingers carelessly through the leaves, without appearing to make much of the article, throws down a shilling, and places the book in his pocket. When he has arrived at home his whole attitude towards his recently acquired possession will have very considerably changed; almost tremblingly and with an affectionate hold as that of a child, he takes up the book, carefully scrutinises the date of publication, the name of the publisher, and then, with a consuming anxiety, collates the leaves to see that none are missing. I, He knows, from his extended study of books, that he has secured something good, and probably goes to one of the booksellers, offers his volume for ten pounds, secures the amount, and the work appears in the new bookseller's catalogue for half as much again, perhaps falling into the hands of a collector, at the dispersion of whose library by auction it will realise three or four times as much: this may appear a somewhat far-fetched story, but similar cases are occurring daily. About nineteen or twenty years ago, an old cottager went to the bookseller of a cathedral city and sold him for a small amount an odd lot of old volumes, among which was a copy of Caxton's Statutes; the bookseller thought it was probably an old document or manuscript book, and offered it for sale at two shillings and sixpence; it did not sell for a considerable time, but one day a gentleman who knew something about old books became the purchaser of it; that volume is now probably worth more than twelve 135790

10-point.

DISTINGUISHED NINETEENTH CENTURY PRODUCTIONS

URING the early part of the nineteenth century an ancient hall near Gainsborough was being repaired, and the library was overhauled too; the sapient individual who had the latter work in hand thought it advisable to throw out all old, dirty-looking, unbound books, and they were disposed of in a very summary fashion, for rapidly a heap of them was made up and destroyed, with the exception of a few which the gardener took home; among them was a book printed at the end of the fourteenth or at the beginning of the fifteenth century. In the course of time the gardener died, and his son made a further wide clearance among the rubbish, but spared that particular volume, and kept it on a shelf in his home, where it remained unnoticed for many years; eventually, when a pedlar came along, he was offered a bundle of old books, including this volume, for ninepence, which he carried to the next market town and sold to a tradesman for three shillings, the pedlar thinking he had secured a good price, C. The tradesman noticed one book, entitled, 'Typography' which had some very singular pictures in it, placed it on one side, and when next visiting his town stationer showed him the volume, and offered it for sale at one guinea. The stationer put the book in his window, but did not feel disposed to pay a guinea for it until an author in the neighbourhood bid five pounds for it, and then the stationer paid the tradesman the amount; however, the stationer afterwards showed the volume to a book dealer of some experience, who gave him seven guineas for it, and no doubt he thought he had secured a magnificent price for it. C. The book dealer took it away to the metropolis and then showed it to a celebrated collector, who gave him seventy pounds for it. When that celebrated collector died this volume, among the other valuable contents of the Grenville Library, was presented to the British Museum. It will never be sold again, but if now put up to auction it would be worth probably quite one thousand pounds. The reader may say that he is not a book-hunter, and has no desire to become one; also that he is a printer, and intends to stick to his calling; also, that he cannot see what all this has to do with printers. Well, it affects them much, every way, for one can scarcely have failed to notice the recent revival of old-style printing, as shown in the productions of the best publishing houses; moreover, this kind of work is appreciated and paid for, and there will be greater demand for it day by day, and the printer will be wise to meet the demand for such work 12345678

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DISTINGUISHED NINETEENTH CENTURY DESIGNS AND PRODUCTIONS

UMEROUS hadges of Orders were originally of gold, enamelled with designs in what are known in heraldry as proper colours, In the case, however, of a Sovereign whn is the head of all Orders of his own country, hadges and stars were jewelled; but later on this fashion spread to less eminent knights, and not merely the members of myalty hut many great noblemen and eminent men are the owners of unique jewelled badges, but these and the collars of chivalry are upon the decease of a knight given up to the Grand Master, and where the jewel is of very great value or of historical interest it is courteously returned to the family; however, among the monarchs in the world who bestnw decorations, the King of England holds pride of place and of number, for he has nearly a hundred decorations, many of which are of surprising beauty, and exquisite examples of the goldsmith's and enameller's arts, while the others, being set with some of the finest of matched stones, are of immense value. When the king is travelling abroad, the necessity of carrying in his baggage the orders of the various countries through which he will pass considerable responsibility; for where the king has arranged to meet representatives of foreign countries the orders are duly set out in an apartment adjoining the reception room, and are changed before the entrance of the different guests: etiquette, however, permits the king to retain in every instance the great orders of his own kingdom, merely adding to them the collar or badge of the fareign ones; at the same time, when at his own Court, the king does not wear any foreign orders, excepting only on such occasions as state visits from other sovereigns or from a special mission sent by an important monarch whom his Majesty particularly wishes to honour. The most important is that of the Garter, the most ancient spleadid, and enviable decoration, for the velvet Garter of blue velvet, edged and buckled with gold and bearing the famous motto, is the badge commemorating the quaint old story; again, the order of the Thistle also furnishes the king with a very beautiful badge, the twelve points being thickly jewelled and the figure in the centre of the star being enamelled. The star of the order of another decoration is one blaze of diamonds, the cross being in rubies and the trefnil in emeralds. In contrast to these gorgeous decorations is that of the principal foreign order, that of Malta, and although this possession has long since ceased to be a separate state, this ancient and interesting order of chivalry is conferred by the king; the badge is a small Maltese cross of white enamel hung from black ribbon; moreover, the famous Golden Fleece ranks next in knightly precedence, but for intrinsic value it has to give place to that most magnificent badge of the order instituted by Peter the Great; the king's hadge of this order is wonderfully enamelled in red and blue; in the centre is a figure; the rest of the order, which is of considerable size, being set with diamonds of the first water, worth many thousands of pounds, a double-headed eagle surmounting the jewel, which is among the most valuable possessions of the king. The most exclusive order, a foreign one, is said to be confined to princes of royal blood, and no other orders are permitted to be worn with it, unless the knight previously receives the permission of his sovereign, and is also the possessor of another important order. ¶ This marvellous collection of jewels, ribbons, collars, and medals is perpetually being augmented, and only quite recently a new mark of distinction has been instituted, distinctly democratic in its character, as fits the times we live in, for not a single royalty belongs to it, for it is limited to those whose works and deeds have won for them a sure place in the world's social, artistic, and economic history; at first the number of members was limited 1234567890

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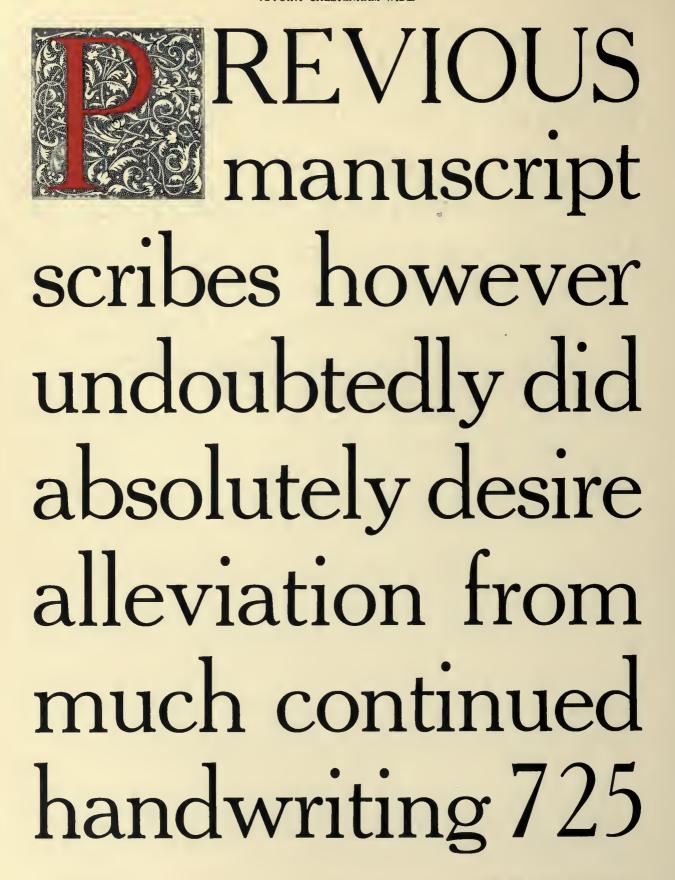
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ESPECTING their matrices and moulds so little remains within this world of conjecture although surprising care and exactitude must have certainly and constantly been necessary from 642

LTHOUGH the subjects are three measure which have had greater information and possibly union with the imagination of man than with his reason, yet astrology, natural magic and alchemy are distinct subjects, nevertheless, in which the possible ends are more combined 248



URNING speedily from the primitive method of ancient schools we henceforth must take into wise consideration the results of a maturer age. Research has pointed out that the valuable secrets of punch, matrix and movable mould appear to have been known to the early founder and although the machines were manufactured of 784

OUBTLESS, humanity peculiarly consisteth of the parts whereof man also consisteth: that is, cognition which collectively honours mind and body. Before we bestow therefore, it is certainly better to constitute, for wise consideration of humanity and its remarkable tendency to be emancipate and made a knowledge by itself, not so particularly in regard of those pleasant and graceful discourses which, while desiring to interpret the dignity of mankind and 1357

HEREFORE, in conclusion I contend that the sciences themselves which have had far wider intelligence and confederacy with the imagination of man than with his reason are astrology, natural magic and alchemy; which sciences the ends or pretences are exalted. Astrology feigns to discover that correspondence or concatenation which is between the superior globe and the inferior; natural magic pretendeth to summon and also reduce natural philosophy from variety of surmises to the magnitude of works and alchemy also pretendeth to make separation of the unlike parts of bodies which in mixtures of natures are also incorporate; and such derivations 2543

OREOVER, if judgment transmits any particular weight, the purpose of history mechanical is peculiarly the most radical and fundamental

toward natural philosophy; such, moreover, as shall not vanish in the vapour of subtle, sublime or delectable speculation, but such as shall be operative to the endowment and benefit of the life of man; however, it will peculiarly minister and suggest for the present several remarkable practices in all trades, by a connection and also the transferring of the observation of the utility of one peculiar art to that of another, when the experiences of many mysteries shall fall under the consideration of one man's mind; however it will unquestionably give a truer illumination concerning causes and axioms than has been hitherto attained. For as a man's disposition is never really known until he is crossed, so the passages and variations of nature cannot really appear so fully in the liberty of nature as in the trials and numerous vexations of artistic 62803

ISTORY is civil, ecclesiastical, and literary; the first two I accept as extant, the third as deficient; for no man hath yet propounded to himself the general state of learning to be described and represented from age to age

as so many have treated the state, civil and ecclesiastical; for without which the history of the world seemeth to me to be as the statute of Polyphemus with his eye missing, that part being wanted which doth so clearly show the spirit and life of the person; moreover, I am not altogether ignorant that in particular sciences, as of the jurisconsults, mathematicians, rhetoricians, philosophers, there are, however, set down some small memorials of the schools, authors, and books; and so likewise some barren relations touching the invention of arts or usages. • However, an account of learning, containing the antiquities and originals of knowledges and their sects, their inventions, traditions, diverse administrations and managings flourishings, oppositions, decays, depressions, oblivions, with the causes and occasions of them, and other special events concerning learning, throughout the ages of the world, I may now state to be wanting; the particular value of which work I do not so much design for curiosity or satisfaction of those that are the lovers of learning, but chiefly for a more serious and grave purpose, that it will make the learned wise in the administration of learning. Again, the history of Nature is of three sorts: history of creatures, marvels, and arts. The first of these undoubtedly is extant, and that in good perfection; the remaining two are handled so unprofitably without 4680

DEMOCRITUS, EUCLIDES, ARCHIMEDES.

MOREOVER, the sciences themselves, which have had deep intelligence and confederacy with the imagination of man than with his reason are three in number: astrology, natural magic, and alchemy; of which sciences, nevertheless, the ends or pretences are noble. For astrology pretendeth to discover that correspondence or concatenation which is also between the superior globe and the inferior; natural magic pretendeth to call and reduce natural philosophy from variety of speculations to the magnitude of works; and alchemy also pretendeth to make separation of the unlike parts of bodies which in mixtures of natures are incorporate. Moreover the derivations and prosecutions to these ends, both in the many theories and in several practices, are full of error and vanity which the great professors themselves have sought to slightly veil over and conceal by enigmatical writings, and referring themselves to auricular traditions and such other devices, to save the credit of impostures. As for the overmuch credit that hath been given to authors in sciences, in making them dictators, that their words should stand, and not consuls, to give advice; the damage is great that sciences have received thereby, as the principal cause that hath kept them low at a stay without growth or advancement: for hence it hath come that in arts mechanical the first deviser comes shortest, and time addeth and perfecteth; while in sciences the first author goeth furthest, and time leeseth and corrupteth; so moreover we also see artillery, sailing, printing, and the like were badly led at the first, and in due time accommodated and refined; but contrariwise, the philosophies and sciences of remarkable men, of most vigour at first, and by time degenerate 123456

KNOWLEDGE CONCERNING THE SYMPATHIES.

IOWEVER, with this reservation, we return to human philosophy or I humanity, which contains two main parts, the one considereth man segregate or distributively, the other as congregate or in society; therefore human philosophy is either simple and particular, or conjugate and civil. Humanity particular consisteth of the same parts whereof man consisteth that is mainly of knowledges which respect the body, and of knowledges that respect the mind. But before we distribute so far, it is perhaps good to constitute: for I must take the consideration in general, and at large, of human nature to be fit to be emancipate and made a knowledge by itself, not so much in regard of those delightful and beautiful discourses which have been made of the dignity of man, of his miseries, of his state and life and the like adjunct of his common and undivided nature; but especially in regard of the knowledge concerning the sympathies and concordances between the mind and body, which being mixed cannot necessarily be correctly assigned to the sciences of either. This knowledge hath clearly two branches: for as all leagues and amities consist of mutual intelligence and mutual offices, so this league of mind and body hath also these two parts: how the one discloseth the other, and how the one worketh upon the other; discovery and impression. The former of these hath begotten two arts, both of prediction or prenotion; inasmuch as the one is honoured with the inquiry of Aristotle, the other of Hippocrates, and although they have been used to be coupled with superstitious and fantastical arts, yet being cleansed and restored to their true state, they have both of them a secure foundation in Nature, and moreover a profitable use in life: the first is physiognomy which undoubtedly reveals the disposition of the mind by the lineaments of the body; the second is the exposition of natural dreams which reveals the state of the body by the imagination of the mind. In the former of these I note a deficience: for Aristotle hath very ingeniously and diligently handled the factures of the body, but not the gestures of the body, which are no less comprehensible by art, and of much wider use and advantage; for the lineaments of the body do disclose the disposition and inclination of the mind in general; but the motions of the countenance and parts do not only so, but do further disclose the present humour and state of the mind and will. The latter branch, dealing with impression, hath not been collected into art, but hath been handled dispersedly; and it 249387

MATHEMATICIANS, RHETORICIANS, AND PHILOSOPHERS.

ETURNING, however, I find history is natural, ecclesiastical, and literary; the first two I allow as extant, the third I note as deficient; for certainly man hath not propounded to himself the state of learning to be described and represented from the beginning as many as have treated the state, civil and ecclesiastical without even which the history of the world seemeth to me to be as the statue of Polyphemus with his eye out, that valuable part being wanted which doth most clearly show the spirit and life of the person; moreover I am not altogether ignorant that in many particular sciences, as of jurisconsults, mathematicians, rhetoricians, philosophers, and others, there are actually set down simple memorials of the schools, authors, and books and so likewise some barren relations touching the invention of arts or usages. Therefore a just story of learning, containing many antiquities and originals of knowledges and also their sects, their inventions, traditions, diverse administrations and managings, flourishings, oppositions, depressions, oblivions, removes, with the causes and also occasions of them, and all other special events concerning learning, throughout the ages of the world, I may truly affirm to be wanting; the special value of which work l do not so much design for curiosity and satisfaction of those that are the lovers of learning, but chiefly for a more serious and grave purpose, that it will make learned men wise in the use and administration of learning. C. History of Nature is of three sorts, that is history of creatures, marvels, and arts. The first of these undoubtedly is extant, and that in excellent perfection; the two latter are handled so weakly and unprofitably as I am constrained to note them as deficient; for I find no sufficient or competent collection of the works of Nature which have a digression and deflexion from the ordinary course of generations, productions, and motions; whether they be singularities of place and region, or the remarkable events of time and chance, or the effects of yet unknown properties, or the instances of exception to general kinds. It is also true I find a number of books of fabulous experiments and secrets, and frivolous impostures for pleasure and strangeness; but a substantial and severe collection of the heteroclites or irregulars of Nature, well examined and fully described, I find not, specially not with due rejection of fables and popular errors; for as things now are if an untruth in Nature be once on foot, what by reason of the neglect of examination and countenance of antiquity, and what by sound reason of the use of the opinion in similitudes and ornaments of speech, it is but rarely called down. Neither am I of the opinion in this history of marvels that superstitious narrations of sorceries, witchcrafts, dreams, divinations, and the like, where there is an assurance and clear evidence of the fact, be altogether excluded; for it is not yet known in what cases and how far effects attributed to superstition do participate of natural causes; and, therefore, the practice of such things is to be condemned, yet, however, from the speculation and consideration of them light may nevertheless be taken, not only for the discerning of offences, but for the further disclosing of nature; moreover, these narrations which have mixture with superstition, be sorted by themselves, and in no wise to be mingled with the narrations which are merely and sincerely natural; for the history of nature, wrought or mechanical, I find some collections made of agriculture, and likewise of manual arts; but commonly with a rejection of experiments familiar; for 123456789

MATHEMATICS DEMONSTRATED WITH SUFFICIENT PERSPICUITY.

OUBTLESS, this must be a rule, that all partitions of knowledges be accepted rather for lines and veins than for sections and separations; and moreover that the continuance and entireness of knowledge be preserved. For the contrary hereof hath actually made particular sciences to become barren, shallow, and erroneous, while they have not been nourished and maintained from the common fountain. So we see Cicero, the orator, complained of Socrates and his school, that he was the first that separated philosophy and rhetoric; whereupon rhetoric became an empty and verbal art. So we see also that the science of medicine if it be destituted and forsaken by natural philosophy, it is not much better than an empirical practice. With this reservation, therefore, we now proceed to human philosophy or humanity, which hath two parts: the one considereth man segregate or distributively, the other congregate or in society; so as human philosophy is either simple and particular, or shall we say, conjugate and civil. Humanity singularly consisteth of the same parts whereof man consisteth that is, of knowledges which respect the body, and of knowledges that respect the mind. But before we distribute so far, it is good to constitute. For I do take the consideration in general, and at large of human nature to be fit to be emancipate and made a knowledge by itself, not so much in regard of those delightful and elegant discourses which have been made of the dignity of man, of his miseries of his state and life, and the like adjunct of his common and undivided nature; but chiefly in regard of the knowledge concerning the sympathies and concordances between the mind and body, which being mixed cannot be properly assigned to the science of either. C. This knowledge hath also two branches: for as all leagues and amities consist of mutual intelligence and mutual offices, so therefore this league of mind and body hath these two parts: how the one discloseth the other; discovery and impression. The former of these hath begotten two arts, both of prediction or prenotion; whereof the one is honoured with the inquiry of Aristotle, and the other of Hippocrates; and although they have of late time been used to be coupled with superstitious and fastastical arts, yet being purged 2136457

8-point.

EXPERIMENTAL, PHILOSOPHICAL, MAGICAL AND NATURAL PHILOSOPHY.

OREOVER, we now arrive to that knowledge whereunto the oracle directeth us, which is the knowledge of ourselves. This knowledge as it is the end and term of natural philosophy in the intention of man, so it is but a portion of natural philosophy in the continent of Nature. And generally let this be a rule, that all partitions of knowledges be accepted mainly for lines and veins than for sections and separations; and that the continuance and entireness of knowledge be preserved. For the contrary hereof hath made the particular sciences to become barren, shallow, and erroneous, while they have not been nourished and maintained from the common fountain. So we see Cicero, the orator, complained of Socrates and his school, that he was the first that separated philosophy and rhetoric whereupon rhetoric became an empty and verbal art. So we may again see that the opinion of Copernicus, touching the rotation of the earth, which astronomy itself cannot correct, because it is not repugnant to any of the phenomena though natural philosophy may correct. So we see also that the science of medicine if it be destituted and forsaken by natural philosophy, it is not much better than an empirical practice. With this reservation, therefore, we proceed to human philosophy or humanity, which hath two parts; the one considereth man segregate or distributively, the other congregate or in society; so as human philosophy is naturally simple and particular, or conjugate and civil. Humanity particularly consideth of the same parts whereof man consisteth: that is, of knowledges which respect the body, and of knowledges that respect the mind. But before we distribute so far, it is equally well to constitute. For I do take the consideration in general, and at large, of human nature to be fit to be emancipate and made a knowledge by itself, not so particularly in regard of those delightful and elegant discourses which have been made of the dignity of man, of his miseries, of his state and life, and the like adjunct of his common and undivided nature; but chiefly in regard of the knowledge concerning the sympathies and concordances between the mind and body, which being mixed cannot be properly assigned to the sciences of either, C. This knowledge hath two chief branches; for as all leagues and amities consist of mutual intelligence and mutual offices, so this league of mind and body hath these two parts: how the one discloseth the other, and how the one worketh upon the other; discovery and impression. The former of these hath begotten two arts, both of prediction or prenotion; whereof the one is honoured with the inquiry of Aristotle, and the other of Hippocrates; and although they have of late time been used to be coupled with superatious and fanta aical arts, yet being purged and restored to their true state, they have both of them a secure foundation in nature, and also a profitable use in life: the first is physiognomy, which reveals the disposition of the mind by the lineaments of the body; the second is the exposition of natural dreams, which reveals the state of the body by imaginations 123456789

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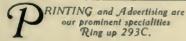
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on a most elaborate scale making it one of the best Hotels in Great Britain. C., Holiday Visitors are specially catered for and during the season Drives are arranged at moderate charges. No gratuities.

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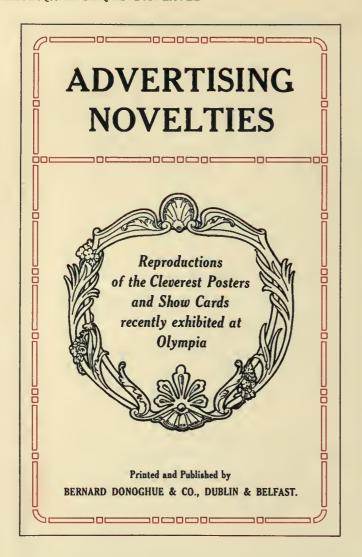
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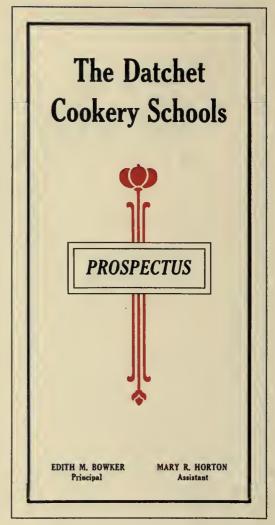
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HENDON EMPORIUM

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TWENTY DEPARTMENTS

50 Drapery Millinery Hosiery Tailoring Boots & Shoes Outfitting Provisions Catering Refreshments Flowers Pharmacy Perfumery Fancy Goods Stationery Furnishing Decorating Laundry House Agents Removals Coal & Coke

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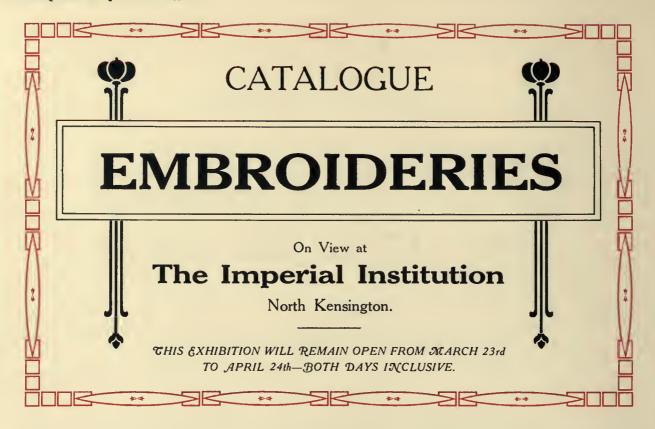
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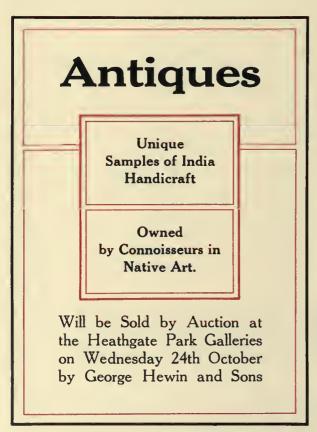
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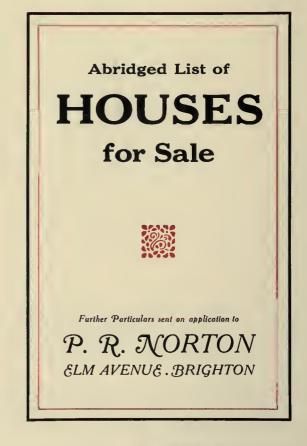
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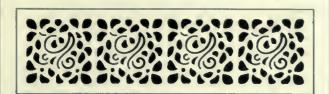
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Such is a hasty and very cursory review of the various laws which from time to time have put letter founding under control. Whether or not any real check was placed on the progress of the art it is perhaps difficult to determine. But it is certain that the heaviest measures have so often been accompanied not only by the most grievous abuses in the spirit of the press but by

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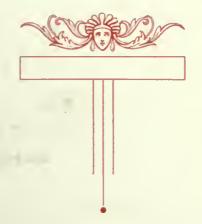
to be held in the Royal Exchange, Manchester Road, from Wednesday, the 24th July, to Saturday, the 10th August, both days inclusive, from 2.45 to 10.30 p.m.

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The next Session commences on Monday, the 23rd September next, and the Secretary will be pleased to enrol names of intending Pupils.

* 1915 * AUGUST * 1915 *						
SUN	MON	TUE	WED	THU	FRI	SAT
••	1	2	3	4	5	6
7	8	9	10	11	12	13
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Accepting as the fundamental principle that the essence of typography is in the mobility of the types, we omit, as beyond the scope of our inquiry, the xylographic works which have preceded typography. Passing in review the alleged stepping stones between the two arts, we refuse to see in the evidence submitted as to the use of movable wooden perforated types anything to warrant the conclusion that the early printers of the seventeenth century printed books by their means. Such letters may have been cut experimentally, but the practical

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REMARKABLE TYPEFOUNDING DEVELOPMENT

RESPECTING the development of letter-founding as an industry, there is unfortunately so little to be gathered from fifteenth-century history. At first the art of the inventor was a mystery divulged to none; but in course of time the secret spread broadcast over Europe: during this century, Schoeffer is thought to have issued the first advertisement in the annals of typography. In numerous cases printers were their own founders, and each printer had his own types. But type depôts and markets, and the wandering of the many itinerant typographers, as the demands of printing thus increased, brought the founts of various presses and nations to various centres, and thus gave the first impulse Small Pica. Lower-case a to z, 121 ems

PROCESSES ADOPTED BY EARLY TYPOGRAPHERS

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Turning however to the processes adopted by the typographers of a more advanced school, we consider that in the first instance, although apparently having grasped the principle of the punch, the matrix, and the mould, they may, nevertheless, have made use of inferior appliances, possibly by forming their matrices in lead from wooden or leaden punches or models, advancing thence by degrees to the use of steel punches, copper matrices, and the bipartite iron mould. The variations observable in the sixteenth century works of this school are *due mainly* to uneven casting and wear and tear of the types: as to the metal in which the type was cast, we find mention is made of almost every known metal, several of which, however, refer to the

Long Primer.

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CORRECT MOULDS WITH MATHEMATICAL ADJUSTMENTS

Type-hodges and their origin, with the nomenclature which has gradually grown around them, is a side-light of typographical antiquity which has always been more or less shrouded in obscurity. Though conceived on true principles, the moulds of the early founders were of primitive construction, and it is but natural to suppose were adjusted to the various sizes of letters they had to cast more by eye than by rule. When two or more founts were required to mix in the same work then the necessity of a uniform standard of height would become apparent. When two or more founts were required to mix in the same line, a uniformity in body, and also in alignment would be necessary. When initials or marginal notes required to be flourgeors

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SIDELIGHTS ON CONTRACTIONS AND DOUBLE LETTERS

UNDOUBTEDLY, the quantity of types that the earliest printers required would be small since they appear in numerous instances to have printed only one page at a time, while the number of different sorts going to make up a fount, owing to the numerous contractions, double letters, and abbreviations, would be quite considerable. It was thought by many that the art of letter founding rapidly reached maturity after the general diffusion of printing consequent on the sack of Mentz: and that when the writer of the Cologne Chronicle, in possibly the last year of the fifteenth century, spoke of "the art as now generally used," he spoke of an art, which, at the close of the nineteenth century, has been able to improve in no essential principle on the methods first adopted by the great inventors of Typography. However much one deplores the Brevier

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ACCOUNT OF THE NETHERLANDS "ARCHI-TYPOGRAPHUS"

ANOTHER interesting memorial of a sixteenth-eentury foundry is to be met with in a visit to the once famous printing office of Christopher Plantin at Antwerp. The foundry of the great Netherlands "Archi-typographus," which even to-day is still preserved in its pristine condition was on the upper floor of his house and consisted of two rooms, one wholly devoted to the easting, the other being a room for types awaiting use at the press. In the casting room is still to he seen a fourteenth century furnace covered with an earthenware slab. To the right of this is a furnace surmounted by the metal pot which even yet contains some of the old type alloy. On the walls hang tongs, ladles, knives and moulds. In a box are preserved small pareels of pattern types for setting the moulds, among which the visitor is shown three or four types of silver. In another box are a large number of punches and moulds of all sizes. A bench extends along one side of the room doubtless for the use of the dressers Minion

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Lower-case a to z. 124 ems

PERSEVERANCE COMBINED WITH ARTISTIC AND ENLIGHTENED TASTE

Throwing into his labour the genius of an artistic and enlightened taste, William Caslon cut the most beautiful types in Europe. "It is difficult," observes Mr. Hansard, "to appreciate the obstacles which the famous foundry encountered during certain periods. At the present time, the theory and practice of letter founding, are not, as in his line, an 'art and mystery,' and efficient workmen in every branch are procured with but little difficulty. He had not only the excel his competitors in his own particular branch of cutting the punches, which to him was probably the easiest part of his task, but to raise an establishment and to cause his plans to be executed by ignorant and also unpractised workmen. He had also to acquire for himself a knowledge of the practical and mechanical branches of the art, which require, indeed, little genius, but the most minute and painful attention to conduct successfully. The wishes and expectations of his patrons were fulfilled and succeeded by his decided superiority over his many domestic rivals and competitors. The importation of foreign types ceased; his founts were, in fact, in such favour Nonpareil

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NUMEROUS TYPOGRAPHICAL PROBLEMS

CHRONICLERS are undoubtedly misleading, when they single out half a dozen names from the long list of printers as if they only had been concerned in the remarkable, even wonderful development of the art of letter-cutting and founding. It is true that these names are *possibly* the most distinguished; but it is

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CHRONICLERS UNDOUBTEDLY MISLEADING

NATURALLY, the records calculated to throw light are missing, but that Caxton made use of cast types it is scarcely necessary to assert, for admitting the possibility of a middle stage between Typography and Xylography, the general *identity* of his letters, the solidity of his pages, and the constant recurrence of certain flaws among his types,

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STRIKING RESTRICTIVE PROVISIONS ENACTED

BRIEFLY, this mould differs very largely from the modern hand-moulds in its being pyramidical in shape, and holding the matrix as a fixture in its interior: two of the moulds showing a hole in their side, into which the matrix was inserted; also from the manner in which the caster is grasping the mould, it would seem that it was *bipartite*, and needed the two halves holding together during casting; again, the types lying in the bowl have

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REMARKABLE FOURTEENTH CENTURY TYPOGRAPHY

UNDOUBTEDLY, the divorce of letter-founding from printing was a long process; and although it would be difficult, indeed, perhaps impossible, to fix any precise date to the completion of that process, we may yet conclude from the fact that certain decrees, which includes by name almost every other branch of industry connected with printing, make no *mention* of letter-founding, whilst on the other hand certain decrees name it, that between these two decrees printers ceased to

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MERITORIOUS TYPOGRAPHICAL REMINISCENCES RETOLD

MOREOVER, it should be noted that the remarkable difference of style and excellence in the typography of certain of the earliest books lead us to accept the theory that two schools of typography must have existed side by side in the infancy of the art, one a rude school, which, not having yet the secret of the more perfect appliances of the inventors, cast its letters by some crude method, probably using moulds of sand or clay, in which the entire type had been moulded. Such types may have possibly been perforated and held together in lines by a wire. The snggestion that the earliest types were produced by a system of polytype, and that the face of each letter, sawn off a plate resembling a stereotype plate, was separately mounted on loose wooden shanks, we dismiss as purely

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THE CULMINATING ACHIEVEMENT OF TYPOGRAPHICAL INVENTION

RETURNING then to the processes adopted by the typographers of the more advanced school we consider that In the first instance, although fully grasping the principle of the punch, the matrix, and the adaptable mould, they may have made use of inferior appliances, possibly by forming their matrices in lead, from wooden or leaden punches or models, advancing thence by degrees to the use of steel punches, copper matrices, and the bipartite iron mould. We, moreover, again hold that the many variations observable in the early works of this school are due principally to nueven casting and wear and tear of the types. As to the metal in which the type was cast, we also find mention made of almost every metal, several of which, however, refer to the punches and matrices, leaving tin, lead, and antimony as the staple ingredients of the type metal. The types themselves

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VITAL IMPORTANCE OF ABSOLUTE SQUARENESS IN MOULD MANUFACTURE

NOTHING, perhaps, astonishes one more upon closety examining many of these earliest printed works than the remarkable, one might almost say, wonderful regularity of the type in body, height, and line; and if anything could be considered evidence that those types were produced from matrices in moulds, and not by the rude method of easting from matrices which, as at the present day, combined body and face in the same moulding, this feature alone is conclusive. We may go further, and assert that not only must the matrices have been barmonlously justified, but also the mould employed, whatever its form, must have had its adjustable parts finished with a near approach to inathematical accuracy, which left extremely little to be accomplished in the way of improvement. Respecting the mould we have very little more material for conjecture than with regard to the first punches and matrices. The vast importance of absolute squareness in the body and height of the type would demand an appliance of much greater precision than the uncertain hollowed cube of sand or clay; the heat of the molten lead would point to the adoption of a hard metal like iron or steel; while the varying

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WONDERFUL MECHANICAL CONTRIVANCES DEMONSTRATED THROUGHDUT THE NETHERLANDS

THERE is little doubt they were all east in a good. The chief point which strikes the observer is the variety in the "height to paper" of the different founds. It is easy to imagine that an early printer who cast his own types would trouble thinsell little as to the leights of his neighbours' and rivals' moulds, so that in a city like Lyons there might have been as many "heights to paper" as there were printers. It is even possible that a printer using one style and size of letter exclusively for one description of work, and another size and style for another description, might not be particular to assimilate the heights in his own office; and so, possibly foreshadowing the improvidence of some of his modern lottlowers, lay in lounts of reter which would not wark him any other, but which, as time went on, could hardly be dispensed with. Then, when the days of the literant typesellers and the type-markets began, he might still further add to his "heights" by the purchase of a German lount from one merchant, a Dutch Irom another, and so on. With regard to lite laces of the types discovered, there are traces in most of the letters of the "shoulders" of the body having been layered off by a knife or graver after easiling, so as to ligave the letter quite clear on the body. In most cases the letter stands in the centre of the budy, which is an a rule, larger than the slag of the character actually required. In point of thickness, however, the old printers appear to have been very sparing; and a givent many of the letters, though possessing ample room "body-way," actually overhang the sides, and are what

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LETTER-FOUNDING DEVELOPMENT.

ETURNING, however, many ornaments and flowers in type continued to long occupy considerable space in the specimens of the early founders, but to return to a very brief survey of that remarkable period when all printers were their own letter-founders, we shall naturally attempt but little more than to gather together, as briefly as possible, any additional facts which throw more light on the opening days of English letter-founding, leaving it to the historian of printing to ably describe the productions which must be regarded, not only as the works of our earliest printers, but also as the specimen books of our earliest letter-founders; moreover, our numerous chroniclers are, as we conceive, misleading, when they single out half a dozen names from the long list of printers as if they only had been concerned in the remarkable, even wonderful development of the art of letter-cutting and founding. It is true that these names are possibly the most distinguished; but it is also necessary to bear in mind that the most obscure printer of the early days, unless he managed to purchase his founts from abroad, or perhaps obtained the reversion of the worn types of another printer, probably cast his letter in his own moulds and from his own matrices; for respecting many of our early printers, our authentic information especially with regard to their mechanical operations is extremely meagre; but the able researches of a devoted historian has thrown a wide stream of light upon the productions of Caxton and his contemporaries of which we gladly avail ourselves in recording the following facts and conjectures as to the letter-founding of the period in which they flourished. Adopting as a fundamental rule that the bibliographer should indeed make such an accurate and absolute inethodical study of the remarkable types and habits observable at different presses, so as to enable him to observe and be guided by these characteristics in settling the dates of £1234567890 £1234567890

MECHANICAL APPLIANCES NECESSARY.

TOWEVER, it must certainly be admitted that any conclusion I we may come to as to Caxton's operations as a letter-founder are purely conjectural; for in none of his works, in several of which he discourses somewhat freely on his excessive labour as a translator and a printer, does he give us the slightest allusion to the casting of his types, nor does there remain specimens or contemporary records computed to throw light on such an interesting topic. That Caxton made use of cast types, it is hardly necessary here to assert, for even admitting the existence of a middle stage between Typography and Xylography, the general identity of his letters, the constant solidity of his pages, and the recurrence of certain flaws among his types, may be taken as sufficient evidence that his types were east, and not separately engraved by hand; for it is hardly possible that while in residence at Bruges, he would neglect to make himself familiar with the surprising methods for the production and also the remarkable multiplication of types that were rightly considered so extraordinary, and it is at least reasonable to suppose that, once established in this country, and removed far from the origin of his former supplies, he would put into practice this branch of his knowledge, and produce for himself the several founts of which he made use; but as to the particular process he employed, we have, as a historian points out, only adverse evidence on which to rely, for the frequent unevenness and the deviation of his lines, also the wide variations of the letters themselves, lead to the conclusion that the method employed was a rude one, inferior not only to that now in use, but even to that used by the advanced German schools of printing of his own day. But rude, however, as his method may have been, we are not disposed to acknowledge that Caxton produced the Recuyell without resort to the use of a matrix and adjustable mould, for it is more than likely that retaining the principle of the punch, matrix, and the adjustable mould, but badly furnished with the mechanical means for putting that method into practice, he made use of rather rough and inferior materials in all three branches of the manufacture. Some primitive appliances we have suggested may have been employed, but at best it is nothing but conjecture, and for the moment it must be left with

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TYPOGRAPHICAL RESTRICTIONS OVERCOME.

OREOVER, printers would naturally endeavour, if at all possible, **1** to stock themselves not with types merely, but also with matrices of the founts of their choice; and, indeed, we naturally imagine that an explanation of the remarkable superiority of our national typography at the close of the fourteenth century, is to be found chiefly in the fact that, whereas many of the early printers used types undoubtedly wholly cut and cast for them by skilled and expert foreign artists, their successors began first to cast for themselves from hired or purchased matrices, and finally to cut their own punches and justify their own matrices. Printing entered on a gloomy stage of its career in the early fifteenth century, and as State restrictions gradually hemmed it in, crushing by its monopolies healthy competition, and by its jealousy foreign succour, every printer became his own type-founder, not because he would, but because he was compelled by force of circumstances: the art suffered in consequence. Of the operations of a sixteenth century letter-foundry, we are well able to form some adequate idea from the quaint engraving preserved to us by an early publication, for the picture shows in a very remarkable manner the founder seated at his modest brick furnace, casting letter in a mould. This mould differs very considerably from the modern hand-moulds in its being pyramidical in shape, and holding the matrix as a fixture in its interior: two of the moulds showing a hole in their side, into which the matrix was inserted; also from the way in which the caster is grasping the mould, it would seem that it was bipartite, requiring the two halves holding together during casting; again, the types lying in the bowl have breaks attached to them, which at that date were in all probability cast so as to be easily detached; behind the casters are some drawers, most likely intended to contain matrices, of which one or two lie on the top waiting their turn to be used; on the lower of the two shelves above the furnace are some crucibles, in which the metals would be mixed before filling up the casting-pan; also on the upper shelf, besides more moulds are some sieves, suggestive of the use of sand, either for moulding large letters, or, as a historian suggests, for running the small ingots of metal into for use in the melting-pot. The small room in which this caster is operating in all probability formed part of a printing office; and another very interesting engraving, of perhaps, a still earlier date, shows the two departments of the typographer's art going on in adjoining apartments. In this case the caster is sitting; but his mould, large as it is, appears to be furnished with a spring at the bottom, more like the modern hand mould. In the lines that accompany this picture the founder also states that he casts type made of bismuth, tin, and lead, a statement which, if correct, shows that

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ENACTMENTS REGULATING TYPEFOUNDERS.

OUBTLESS, prior to this, letter-founding is not specifically mentioned as being a distinct industry in any of the public documents. We are not on that account, therefore, to assume either that the restrictive provisions of several previous enactments which regulated printing did not apply to letter-founding, or that, as a trade, it had no separate existence before that date. The divorce of letter-founding from printing was undoubtedly a long and gradual process; and although it would be difficult, indeed, perhaps impossible, to fix any precise date to the completion of that process, we may yet conclude from the fact that certain decrees, which includes by name almost every other branch of industry connected with printing, make no mention of letter-founding, whilst on the other hand certain decrees name it, that between these two decrees printers ceased to be their own letter-founders. It would be somewhat erroneous to imagine that the Star Chamber decree in any sense created letter-founding as a distinct trade. Its purpose, as in the case of printing, was to restrict the number of those who were engaged in it, which had probably grown excessive. In a remarkable little tract issued about this time the author, after very highly commending a decree limiting the number of printers, goes on to say that notwithstanding this order and stern methods, less than three years later "printing and printers were grown to monstrous excess and exhorbitant riot," and that the law was openly infringed at all points. In this "monstrous excess and exhorbitant riot," it is more than likely that the letter founders of the day figured. And it seems equally probable that there were other founders, who were appointed by a much later decree as the authorised founders, who had already been founding types for several years, with or without the sanction of the authorities. In the disastrous times which quickly followed, these Star Chamber founders were lost sight of. It is scarcely likely, judging from the dismal account given above of the trade in times of peace, that they were able, any of them, to keep a business together in times of civil war. Nor is there any certainty that when the Commonwealth re-enacted the main provisions of the Star Chamber Decree, that the founders then appointed were the same who had been licensed previously. Mores, however, leads us to suppose that they were, and for the purpose of enumerating the Oriental and learned matrices which at this period were in use in this country, treats the founders as one. There is, however, no reason for supposing that they worked in partnership or that their businesses were in any way connected. But in certain undertakings they were associated; and various famous works have usually been regarded as the product of the types of some, if not all, of their number. "By these or some of them," shrewdly remarks Mores, "we may suppose to have been cut the letter used in "The English Polyglott," But as we cannot assign to any of them their particular performances we shall till we are better able to ascertain them, call their labours by the name of the Polyglott Foundery which, as nearly as that work and the 'Heptaglott' which accompanies it instructs us, is described at the conclusion of the page. But it is not to be doubted, considering the elegance and simplicity of the assortment which we see, that the foundery was very completely furnished with that

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TYPOGRAPHICAL FUNDAMENTAL PRINCIPLES.

ECOGNISING as the fundamental principle that the essence of typography really N consists in the mobility of the types, we omit, as beyond the scope of our present inquiry, the xylographic works which possibly preceded typography. Passing rapidly in review the alleged stepping stones between the two arts, we however fail to see in the frail evidence adduced as to the use of movable wooden perforated types anything to justify the conclusion that the earliest printer printed books by that method. Such types may have only heen cut experimentally, but the great practical difficulty of cutting them square enough to be composed in a forme, and of producing works, the size and character of many of them, is fatal to their claims. But with regard to the use of metal types, types engraved on cast metal bodies, the evidence in their favour is of the most unsatisfactory character, and combined with the practical difficulties of their production. reduces their claim to the minimum. The marked difference of style and excellence in the typography of certain of the earliest books leads us to accept the theory that two schools of typography must have existed side by side in the infancy of the art, one a rude school, which, not having yet the secret of the more perfect appliances of the inventors, cast its letters hy some crude method, probably using moulds of sand or clay, in which the entire type has been moulded. Such types may have possibly been perforated and held together in lines by a wire. The suggestion that the earliest types were produced by a system of polytype, and that the face of each letter, sawn off a plate resembling a stereotype plate, was separately mounted on loose wooden shanks, we dismiss as purely fanciful. Doubtless, during later years many devices were tried, but it would scarcely he within the scope of this brief article to enter into what must be left for a future occasion. Passing now to the processes adopted by the typographers of the more advanced school we consider that in the first instance, although grasping the principle of the punch, the matrix, and the adaptable mould, they may have made use of inferior appliances, by forming their matrices in lead, from wooden or leaden punches or models, advancing thence hy degrees to the use of steel punches, copper matrices, and the bipartite iron mould. We, moreover, again hold that the many variations observable in the works of this school are due principally to uneven casting and wear and tear of the types. As to the metal in which the type was cast, we also find mention made of almost every metal, several of which, however, refer to the punches and matrices, leaving antimony, lead, and tin, as the staple ingredients of the type metal. The types themselves are found in most essential particulars, to be the same as those cast at a later date. We see, also, evidence of perforated, mould-cast type, and, in the absence of a nick, a "shamfer" at the foot, from which the jet appears to have been sawn or cut, instead of being broken. We remark a great irregularity in the heights of different founts, the average of which height is heyond any modern English standard. The accidental impression of a type in some early German books proves that during the fifteenth century types were made differing only in the two points of the want of a nick and the want of a jet-break from the types of to-day. The quantity of types required by the earliest printers, we think, would be small, since they appear in many cases to have printed only one page at a time; hut the number of different sorts going to make up a fount would he very great, by reason of the numerous contractions, double letters, and many abbreviations used. Finally, we consider that the art of letter-founding rapidly reached maturity after the general diffusion of printing consequent on the sack of Mentz; and that when a writer in the last year of the fifteenth century, spoke of "the art as now generally used," he spoke

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EXTRAORDINARY MATHEMATICAL ACCURACY OBTAINED.

TOWEVER, of whatever substance their matrices were made, the early printers appear to have quickly I mastered the art of justification, so that when east in the mould they should not only stand each letter true in itself, but all true to one another. Nothing astonishes one more upon closely examining many of these earliest printed works than the wonderful regularity of the type in its body, height, and line; and if anything could be considered evidence that those types were produced from matrices in monids, and not by the rude method of casting from matrices which, as at the present day, combined body and face in the same moulding, this feature alone is conclusive. We may go further, and declare that not only must the matrices have been harmonlously justified, but also the mould employed, whatever its form, must have had its adjustable parts finished with a near approach to mathematical accuracy, which left extremely little to be accomplished in the way of improvement. Respecting the mould we have very little more material for conjecture than with regard to the first punches and matrices. The vast importance of absolute squareness in the body and height of the type would demand an appliance of much greater precision than the uncertain hollowed cube of sand or clay; the heat of the molten lead would point to the adoption of a hard metal like iron or steel; while the varying widths of the sunk letters in the matrices would suggest the adoption of some system of slides whereby the mould could be expanded or contracted laterally without prejudice to the invariable regularity of its body and height. Ity what crude methods the first typefounder contrived to combine these most essential qualities, we have no means of judging; but were they ever so crude, to him is due the unique honour of the culminating achievement of the invention of typography. "His type mould," remarks a popular author, "was not merely the first; it is the only practical mechanism for making types. For more than four hundred years this mould has been under critical examination, and many attempts have been made to supplant it. But in principle, and all the more important features, the modern may be regarded as the mould of Gutenberg." If in these early days the matrices were so truly, and the mould so accurately adjusted, how comes it then in the first book of these Mentz printers we still discover the irregularities among the letters-fewer Indeed hut of the same kind as are to be found to books printed by the artists of the ruder school? To this we reply, that these trregularities are for the most part attributable neither to varieties in the original models, nor to defects in the matrix or the mould, but to the worn or unworn condition of the type, and to the knowledge or want of skitt of the casters in

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SOME REMARKABLE CONTINENTAL FIFTEENTH-CENTURY PRINTING HOUSES.

NEVERTHELESS, leaving the type-casting appliances and returning to the types themselves, we are able, thanks to two or three revent discoveries, to form a tulerably good idea as to their appearance and recultarities. We have ereviously stated that, with regard to the historic perforated wooden types seen by certain old writers, the probability is that, if these were the genuine relics they professed to be, they were model types used for forming mutids upon, or for impressing into matrices of moist clay or soft lead. We have also considered it possible, in regard to types cast in the primitive sand or clay moulds of the rude school, that to overcome the difficulties Incident to irregular height to paper, nneven bodies, and loose locking up, the novel expedient may have been attempted of perforating the types and passing a thread or wire through each line, to hold the intractable letters in their places. This, however, is mere conjecture, and whether such types existed or not none of them have survived to our day. Their possessors, as they somewhat slowly discovered the secret of the punch, matrix, and mould, would show little veneration, we imagine, for these clumsy relics of their ignorance, and value them only as old lead, to be remelted and revast by newer and better method. But though no relic of these early cast types remain, we are happily not without means for forming a judgment respecting some of the earliest types of the more anished school of printers. In the bed of the river Saone, near Lyons, opposite the site of one of the famous fifteenth-century printing houses of that city a number of old types were discovered which there seems every reason to believe belonged once to one of those mediaval present and were used by the early printers of Lyons. They came into the hands of M. Claudin of Paris, the renowned typographical antiquary, who, after solicitous inquiries and examination, has satisfied himself as to their antiquity and value as genuine relics of the infancy of the art of printing. It has been our good fortune, by the kindness of M. Claudin, to have an opportunity of inspecting these retics. The metal used is lead, slightly alloyed with some harder substance, which in the case of a few of the types seems to be iron. There is no doubt they were all cast in a mould. The chief point which strikes the observer is the variety in the "height to pager" of the various founts. It is easy to assume that an early printer who cast his own types would trouble himself very little as to the heights of his neighbours' and rivals' moulds, so that in a city like Lyons there might have been as many "heights to paper" as there were printers. It is even possible that a printer using one style and size of letter exclusively for one description of work, and another size and style for another description, might not be particular to assimilate the heights in his own office; and thus, possibly foreseeing the improvidence of some of his modern followers, lay in founts of letter which would not work with any other, but which, as time went on, could hardly be dispensed with. Then, when the days of the itinerant typescilers and the type-markels began, he might still further add to his "heights" by the purchase of a German fount from one founder, a Dutch from another, and so on. With regard to the faces of the types discovered, there are traces in most of these letters of the "shoulders" of the body having been tapered off by a knife or graver after casting, so as to leave the letter quite clear on the body. In most cases the letter stands in the centre of the body, which is as a rule, larger than the size of the character actually required. In point of thickness, however, the old printers appear to have been very sparing; and a great many of the letters, though possessing ample room "body-way," actually overhang the sides, and are what we should style in modern terminology "kerned letters." The difficuty, however, which would be experienced by printers listay with

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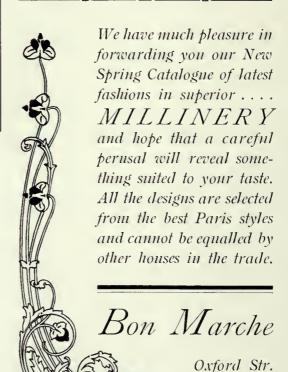
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Much clauship prevailed upon the Scottish Borders from an early period, and continued to flourish peacefully until the union of the crowns. The frontier provinces of England and Scotland were inhabited in the aucient times by tribes of Britons or Celts, and the

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UNENCUMBERED INVESTIGATION

Briefly, the introduction of Typography started a controversy round its cradle lasting for several centuries; numerous volumes have been written lives and fortunes lost, communities stirred, and societies organised, to find answer to the triple and now famous question as to when and where or by whom was discovered the wonderful and useful art of printing books; and yet the world to-day is little nearer a conclusive answer to the problem than it was in the early fifteenth century indeed, the smoke of battle has really multiplied the mysterious clouds that envelop the question and we are certainly tempted to seek protection in an agnosticism which refuses to acknowledge that printing ever had an inventor. It would not be suitable to encumber an investigation of that portion of the history of typography that refers to the type and typemaking of the fifteenth and sixteenth century by an attempt to discuss the controversial question of the introduction of the art, for the man who invented typography was doubtless the man who also introduced movable letters and where the one is discovered, we have likewise found the other; meanwhile, it is quite £1234567890 £1234567890

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DETURNING, however, the Introduction of Typography 1 commenced a controversy around its cradle lasting for four centuries; lives have been spent, fortunes have been lost, communities have been stirred, societies have been organised, and a literature has been developed, to find an answer to the now famous triple question: when, where, and by whom was found out the art of printing books? And yet to-day the world is but little nearer a finite answer to the question than it was in the early fifteenth century, indeed, the dust of battle has really added to the mysterious clouds which envelop the problem, and we are tempted to seek refuge in an agnosticism which wellnigh refuses to believe that printing ever had an inventor. It would be neither suitable nor profitable to encumber an investigation of that part of the history of typography which relates to the £1234567890£1234567890 14-point, No. 16.

PROMINENT BRITISH FOUNDRIES.

TOWEVER, the Introduction of Typography commenced a I controversy around its cradle lasting for several centuries and volumes have been written, lives have been spent, fortunes have been wasted, communities have been stirred, societies have been organised, a literature has been developed, in the fruitless endeavour to find an answer to the remarkable triple question: when, where, and by whom was found out the wonderful art of printing books? And yet the world to-day is but little nearer a definite answer to the question than it was in the early fifteenth century, indeed, the dust of battle has added to, rather than in any way dispersed, the mysterious clouds which thickly envelop the problem, and we are certainly tempted to seek refuge in an agnosticism that almost refuses to believe that printing ever had an inventor. It would be neither suitable nor profitable however £1234567890 £1234567890 14-point, No. 18.

BRIEFLY, the Introduction of Typography commenced a controversy lasting for several centuries, and volumes have been written, lives have been spent, fortunes have been wasted, communities have been stirred, societies have been organised,

and a literature has bef developed, to find answ to the now famous trip question: when, where, by whom was first foun the unspeakably useful of printing books? An yet the world to-day is little nearer a finite an than it was in the early dust of battle has adde to, rather than diminis mysterious clouds that envelop these problem we are tempted to seek refuge in an agnosticis wellnigh refuses to bel printing ever had poss would be neither suita profitable to encumber an investigation of tha of the history of typog which relates to the ty and typemaking of the century by an attempt

Accepting as a fundamental principle that the essence of printing is in the mobility of the type, we pass, as beyond the scope of our inquiry, those xylographic works that preceded printing. Passing in review the stepping-stones, we fail to find in the evidence as to the use of movable wooden perforated types anything to justify the conclusion that the first typographers printed books by similar means. Such types may possibly have been made experimentally, but the practical impossibility of cutting them square enough for composition in a forme, is fatal to their claims. The difference of style and excellence in the typography of certain of the earliest books leads us to understand the theory that two printing schools existed side by side in its infancy

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to discuss the question of the introduction of the art, for the man who invented typography was the man who first invented moveable letters; where the one is discovered, we have indeed found the other; but meanwhile it is possible to avail ourselves of whatever evidence that exists as to the nature of the types he and his successors used, and specially as to the methods by which those types were produced, and then possibly to arrive

at some conclusions respecting the earliest practices of the art

HOWEVER, the Introduction of Typography commenced a bitter controversy around its eradle, and volumes have been written, lives have been spent, fortunes have been wasted, communities have been stirred, societies have been organised, and a literature has been

We have placed before the reader, in previous chapters, such facts and also conjectures as it is possible to gather together respecting the processes and appliances adopted by the first letter founders, and shall, with a purpose of rendering the history of the English letter foundries more intelligible, try to present here, in as concise a form as possible, a short historical sketch of the recognised English and foreign type bodies and faces, to trace more particularly the rapid development of the characters. The origin of bodies and the nomenclature encircled round them, is a rare branch of typographic antiquity that is hidden in obscurity. Imagining, as we do, that the moulds of the first printers were of primitive construction, and, although conceived on true principles, were adjusted to the various sizes of letter they had to cast more by eye than by rule, it is

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ow famous triple question by whom was first found unspeakably useful art of printing books? And yet rld to-day is little nearer a efinite answer than it was ust of battle has added to an diminished mysterious h envelop these problems tempted to seek refuge in ellnigh refuses to believe that printing ever had an oreover, when understood ther suitable or profitable ncumber an investigation the history of typography elating to the typemaking to the type used during a mes of deepest doubt and secution threatened to so nd altogether quench the husiasm which had begun so widespread through all r, it were futile to attempt

veloped, to find answer to

to discuss the question of the introduction of the art, for the man who invented typography was the man who first invented movable letters; where the one is discovered, we have indeed found the other; but in the meantime it is possible to avail ourselves of whatever evidence that exists as to the nature of the types he and his successors used, and specially as to the methods by which those types were produced, and then possibly to arrive at some conclusions respecting the earliest practices of the art of typefounding in the land and in the age in which

RETURNING, however, the Introduction of Typography started a controversy around its eradle lasting for four centuries, and lives have been spent, fortunes have been wasted, communities have been stirred, societies have been organised, a literature has been developed, to find a reliable answer to the famous triple question: when, where, and by whom was found out the unspeakably useful art of printing books? And yet the world to-day is little nearer a definite answer to the question than it was in the fifteenth century, indeed, time has added to, rather than diminished, the mysterious clouds which envelop this problem, and we are almost tempted to seek refuge in an agnosticism

which wellnigh refuses to attempt to disense the vex questions of the invention man who invented typogr doubtless the man who fir invented moveable types; where the one is discover have also found the other But, meanwhile, it is possi to avail ourselves of what ever evidence exists as to the properties of the type and his successors employ also the methods by whie those types were produced possibly to arrive at some earliest practices concerni of typography in the land and in the age in which it saw light. We eannot rep too often that, when typo and its invention is menti nothing is meant, or rathe nothing else must be mea but printing with separate

We have also laid before the reader in the previous elapter, such facts and conjectures as it is possible to gather together respecting the processes and appliances adopted by the first letter founders, and shall, with the view of rendering the history of the ancient letter foundries more intelligible, endeavour to present here, in as eoneise a form as possible, a historical sketch of the recognised home produced and foreign type bodies and faces, also to trace particularly the development of the characters. The origin of bodies and the nomenelature grown around them, is a branch of typographic antiquity that is hidden in more or less obsenrity. Imagining, as we do, that the moulds of the first printers were of primitive construction, and, though eoneeived on the true principles, were adjusted to the various sizes of letter they had to cast more by eye than by

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types, which therefore, in distinction to letters cut on wooden plates, may be put together or used separately according to inclination; but one thing is quite certain: he who did not invent printing with movable

MEANWHILE, the Introduction of Typography started a bitter Controversy lasting for centuries, and volumes have been written, lives have been spent, fortunes have been sunk, societies have been formed, communities have been stirred, a literature has been developed, to find an unswer to the famous triple question: when, where, and by whom was found out the unspeakably useful art of printing books? And yet the world to-day is little nearer a finite unswer to the question than it was in the early fifteenth century, indeed the dust of battle has rather added to the mysterious clouds which envelop these problems, and we are tempted to seek refuge in an agnosticism which wellnigh refuses to believe that

It is reasonable to suppose that the idea of moveable types may have been suggested to the mind of the inventor by a careful study of the results of a xylographic printer, and a close observation of the embrous and wearisome methods by which his books were produced. The great toil involved in first painfully tracing the signs and figures on the wood, then of engraving them, and, finally, of printing them with the frotton, would appear, in the case, at any rate, of the small school-books, for the production of which this plan was largely resorted to, scarcely less fatigning than copying the required number by the deft pen of a scribe. And even if, at a later period, the bookniakers so far facilitated their labours as to write their text in the ordinary manner on prepared paper, or with prepared ink, and so transfer their copy, to the wood, the labour expended in proportion to

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discuss the vexed question nvention of the art, for the ted typography was surely man who invented movable one is discovered, therefore have also found the other. but, meanwhile, it is surely ssible to avail ourselves of whatever evidence exists as the properties of the types he and his successors used. and the methods by which those types were produced, ossibly to arrive ultimately ome conclusions respecting the earliest practices of the nseful art of typefounding the land and in the age in which it first saw the light. cannot repeat often enough that, whenever we speak of ography and its invention. nothing is meant, or rather ust be meant, but printing ith types, which therefore,

in distinction from letters cut on a wooden or metal plate, may be placed together or separated according to inclination. The one thing therefore is certain: he who did not invent printing with movable types, did, as far as

HOWEVER, the Introduction of Typography started a controversy lasting for several centuries, and volumes have been written, lives have been spent, fortunes have been wasted, communities have been stirred, societies have been organised, a literature has been developed, to find an answer to the famous triple question: when, where, and by whom was found out the unspeakably useful art of printing books? And yet the world to-day is but little nearer a conclusive answer to the question than it was in the early fifteenth century, for indeed the

dust of battle has added to raf clouds which envelop this prob and we can almost be tempted take refuge in an agnostieism refuses to believe that printing ever had an inventor. It would neither suitable nor profitable eneumber an investigation for that part of the history of typ which relates to the types and fifteenth eentury by an attemp to disense the vexed questions invention of the art, for doubt the man who invented movable one is discovered, we have also found the other; but, meanwh to avail ourselves of whatever evidence exists as to the natu the types he and his successor used, and also to the primitive which those types were produ and then probably may arrive some definite conclusions resp earliest practices of the ancien type-founding in the land and in the age in which it first saw not be repeated too often that

Of the types themselves, we also find these in the most essential particulars the same as those cast at a very much later date, but we can see evidence of a perforated, mould-cast type, and, in the absence of niek, a shamfer at the foot, from which the jet appears to have been sawn or divided, instead of being broken, and also we remark an irregularity in the heights of different founts, an average of which height is more than any modern standard. The quantity of types required by the early printers, we consider, would be small, since they appear in most instances to have printed only four pages at a time; but number of different sorts in a fount would be very considerable, by reason of the many eontractions and double letters used; finally we consider that the valuable art of letterfounding rapidly reached maturity after the general diffusion of printing brought about by the emigration of skilled artists at the time of the serious political complications, in the latter years of the fifteenth century, and when a writer of that period spoke of the art as now generally used, he referred

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whenever we speak of typography and its invention nothing is meant, or rather nothing should be meant, but the printing with separate types, which therefore, in distinction from letters cut on wooden or metal plates, may be placed together or used separately according to inclination. One thing therefore is certain: he who did not invent printing with movable types, did, as far as typography goes, invent nothing. What material was used first of all in this invention, of what metals the first letters, the patrices and matrices were made, by whom and when

MOREOVER, the Introduction of Typography started a heated controversy lasting for centuries, and volumes have been written, lives have been spent, fortunes have been wasted, nations have been stirred, societies have been organised, a literature has been developed, to find an answer to that famous triple question: when, where, and by whom was found out the unspeakably useful art of printing books? And yet the world to-day is but little nearer a finite answer to the question than it was in the early fifteenth century, indeed, the dust of battle has added to the mysterions clouds that envelop these problems, and we are almost tempted to seek refuge in an agnosticism which refuses to believe that printing ever had an inventor. It would be neither suitable nor profitable to encumber an investigation

as to who invented movable ty the one is discovered, we have also found the other. Meanwh it is possible to avail ourselves of whatever evidence exists as the nature of the types he and successors used, and as to met by which those types were proand possibly to arrive at some eonclusions respecting earliest of the art of type-founding in the land and in the age in whi first saw light. One cannot re enough that, when we are spe typography and its invention, nothing is meant, or rather no must be understood except pri with movable types, which the in distinction from letters cut on wooden or metal plates may put together or separated aceo to inclination; one thing there certain: he who did not inven printing with moveable letters as far as typography goes, inv what material was used first of this invention; what materials

The toil involved in at first painfully tracing the characters and figures, reversed, on the wood, then of engraving them, and, finally, of printing them with the frotton, certainly appears, in the case, at any rate, of the small school-books, for the printing of which this process was largely resorted to, scarcely less tiring than copying the required number by the deft pen of the scribe. And even if, at a later period, the bookmakers so far facilitated their labours as to write their text in the ordinary manner on prepared paper, or with prepared ink, and so transfer the copy, after the manner of the Chinese, on to the wood, the labour expended in proportion to the result, and the uselessness of the blocks when once their work was completed, would doubtless impress an inventive genius with a marked sense of dissatisfaction and impatienee. Being a practical man as well as a theorist, we may suppose he would attempt to experiment on the wooden blocks in his hand, and by sawing off first the lines, and then some of the letters in the lines, attempt to arrange his little types into a few short

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the first letters, the patrices and matrices were made; by whom and when such leaden matrices and brass patrices were replaced by steel patrices and the brass matrices; this belongs mainly to one of the many questions of technical execution of the principal idea: multiplication of books by means of multiplication of letters

BRIEFLY, the Introduction of Typography started a controversy continuing for four centuries; volumes have been written, lives have been spent, fortunes have been wasted, communities have been stirred, societies have been organised, literature has been developed, to find answer to the now famous triple question: when, where, and by whom was found out the useful art of printing books? and yet the

We perceive that marked variations in the earlier works of this school are no doubt due to uneven casting and wear and tear of the letters; as to the metal in which the letters were cast. and we may here mention, that very nearly every metal was used, many very often refer to punches and the matrices alone: of letters themselves, we find these in every particular to tally; and of whatever substance the matrices were made the early printer appears to have first mastered the art of justifying them; which, when cast in a mould, would therefore stand by themselves, and be quite true to each other. Nothing enlightens one more in examining these early works than the regularity of these types in body, height, and line; but if nothing could be accepted as proof to show all these types were cast from the matrices in moulds, and not by the rude method of casting from matrices which comprehended body and face in the same

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world to-day is but little rer a finite answer to the estion than it was in the indeed, the dust of battle has increased, rather than iminished the mysterious elouds which envelop the oblem, and we are indeed tempted to seek refuge in gnosticism which refuses believe that printing had an inventor: but it would ther suitable or profitable ncumber an investigation hat part of the history of typography which relates es and typemaking of the th century by an attempt iscuss the vexed question vention of the art, for the invented typography was as the man who invented ovable wooden types, and the one is discovered, we have also found the other eanwhile, it is possible to ves of whatever evidence

may be existing as to the nature of the letters he and his successors used, and also to the methods by which those types were produced, and thus to arrive at some conclusion respecting the earliest practices of the art of typefounding in the land and the age when it first saw light; but it cannot be repeated often enough, that when we speak of typography and its invention, nothing is meant, or nothing should be meant but printing with loose letters, which therefore, in distinction from letters cut on wooden or metal plates, may be gathered together

HOWEVER, it is but feasible to imagine that movable letters were suggested to the mind of the inventor by a study of the work of a xylographic printer, and an observation of the cumbrons and tedious method by which his books were produced. The toil involved in first painfully tracing characters and figures on the wood, then of engraving them, and finally, of printing them with the frotton, would appear in the case, at any rate,

of small school books, for the prof of which this process was generally scarcely less tedions than copying required numbers by the deft pen of a scribe. And even if, at a lat period, the box-makers so far facil their labour as to write their text in the ordinary manner on prepar papers, or with prepared inks, and transfer these after the manner of the Chinese, to the wood, the labo expended in proportion to the res and the uselessness of these blocks when once their work was complet doubtless impress an inventive gen with a sense of dissatisfaction and impatience; and also being a pract man as well as theoretical, we may suppose he would attempt to expe on the little wood block in his han by sawing off first the lines, after then some of the letters in the lin attempt to arrange his little types into a few short words; a moment experiment, and also fraught with greatest revolution the world ever known. No question has aroused more interest or excited keener dis in the history of printing, than the

use of movable wooden types as a first stage in passage from xylography to typography, for those who write on the affirmative side of the question profess to see in those earlier typographical works, as well as in historical statements that are handed down by the old anthorities, the clearest evidence that wooden types were used, and that several of the most famons works of the first printers were done by their means; as regards the latter source of their eonfidence, it is at least remarkable that no writer of the fifteenth century makes the least reference to the use of wooden types, and it is possible to believe that certain early printers, uninitiated into the mysteries of the punch and matrix, may have attempted to cut

The Introduction of Typography commenced a controversy round its eradle lasting for at least four centuries; large volumes have been written, lives have been spent, fortunes have been wasted, communities have been stirred, societies have been organised, while a literature has been developed, to find an answer to the famous triple question: when, where, and by whom was first found out the unspeakably useful art of printing books? and yet the world to-day is but little nearer a finite answer to the question than it was in the early fifteenth century, indeed the smoke of battle has added to the mysterious elouds that envelop these problems, and we are tempted thereby to seek refuge in an agnosticism which refuses to believe that printing ever had an inventor. It would not be fitting or profitable to encumber an investigation with that part of the history of typography which relates to the types and typemaking of the fifteenth century by an attempt to discuss the vexed question of the invention of the art, for the man who invented typography was doubtless the man who invented movable types; where the one is discovered, we have also found the other; but in the meantime it is possible to avail ourselves of whatever evidence exists as to the nature of the types that he and his successors used, and as to the methods by which

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for themselves wooden types, which when they proved untraetable under the press, they perforated and strung together in lines; but it is beyond eredit that any such experiments ever resulted in the production of any great work of note, although a great many writers

BOOK makers at a somewhat later period so far helped their labours as to write their text in the usual manner on prepared paper, or with prepared ink, and so transfer their copy, after the manner of the Chinese, on to the wood, the labour they expended in

no subject excited keener discussion in the history of printing, than that of the use of movable wooden types as a first stage in the passage from xylography to typography, for those who write in the affirmative profess to see in the typographical works and the historical statements that are handed

THE INTRODUCTION OF TYPOGRAPHY provoked a controversy around its cradle which lasted for four eenturies; volumes have been written, lives have been spent, vast fortunes have been wasted, communities have been disturbed, many societies have been organised, while a literature has been developed, to find an answer to the now famous triple question: when, where, and by whom was found out the very useful art of printing books? and uevertheless, the world to-day is but little nearer a finite answer to the question than it was in the early fifteenth century, indeed, the dust of battle has largely added to the mysterious elouds whieli are enveloping the problem, and we feel tempted to seek refuge in an agnostieism which declines to believe that printing had an inventor. It would not be suitable or profitable to burden an investigation of that section of the history of typography that refers to types and typemaking of the fifteenth century by attempting to discuss the question of the invention of the art, for the man who invented typography was doubtless the man who first invented movable letters; where the one is discovered, we have indeed found the other; but in the meantime it is possible to avail ourselves of whatever evidence exists as to the nature of the types he and his successors used,

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proportion to the result, and the uselessness of the blocks when their work was finished, would doubtless impress an inventive genius with a sense of disapproval and impatience; being a practical man as well as a theorist, we may suppose he would try to experiment on the little wood block in his hand, and by sawing off first the lines, and then some of the letters in the lines, he would attempt to arrange his tiny types in a few short words;

down by the old authorities, clear proof showing that wooden types were used, and that several of the noted works by the early printers were executed by their means; as rring to the latter source of their nfidence, it is at least remarkable hat so few writers of the fifteenth akes only the slightest allusion to the use of wooden types, and it is possible to believe that certain of he earliest printers, uninitiated to ysteries of the punch and matrix, have attempted to cut themselves letters, which, when they proved able on the press, they perforated and strung together; but it is no bt that any such rude experiment ver resulted in the production of any great work of note, although, it is true that many writers have confessed it was so. Fournier, a etical typographer, persists in the lief, from the fact that the letters among themselves in a way which tting the possibility of producing ypes in this way, and the possible es which could allow an inventor

of printing to spend five years in engraving shanks enough for a single forme, the lack of any satisfactory evidence that such types were ever used, even experimentally, causes us to refuse them any place in the origin of typography. Putting aside therefore as improbable, and not proved, the two theories of the engraved movable types the question arises, did typography, like her patron goddess, start fully equipped from the brain of

R ECENTLY, no question has aroused a keener disension in the history of printing, than the adoption of rough wooden types as a first stage in the passage from xylography to typography, as those who write on the affirmative side of the question profess to see in all the typographical works, and in most of the historical statements which are handed down by the very old anthorities, clear evidence that wooden letters were used, and that several of the famous examples

the use of wooden types. It is possible to believe that certain of the very early printers, uninitiated to the mysteries of the punch and matrix, may have tried to ent themselves wooden types, which when proved unworkable on the press, they perforated and put together; but it is doubtful that any such crude experiment ever resulted in the production of any great work of note, although, it is true that many writers have said it was so: Fournier, the practical typographer,

roducing type in this manner, possible obtuseness that could allow an inventor of printing

spend five years in engraving

shanks for a single forme, the

THE INTRODUCTION OF TYPOGRAPHY first started a controversy around its cradle that lasted at least four centuries; volumes have been written, lives have been spent, fortunes have been wasted, nations have been stirred, and societies have been formed, while a literature has been developed, to possibly find answer to the triple question: when, where, and by whom was found out the very useful art of printing books? and yet even to-day the world is no nearer a definite answer to the question than in early days, indeed the dust of battle has but increased, rather than lessened, the mysterions clouds that envelop the problem, that we are almost tempted to take refuge in an agnosticism that refuses to agree that printing had an inventor; at any rate, it would not be suitable or profitable to encumber an investigation of the history of typography which has relation to the type and typemaking of the fifteenth century by attempt to disense the vexed question of the art, for the man who invented typography was indeed the man who invented movable letters; where the one is discovered, we have indeed found the other; but meanwhile, it is possible we can avail ourselves of whatever

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by the early printers were executed by their means: as for the latter source of their confidence, it is surprising that no writer of the lifteenth century can state bsenee of satisfactory evidence that such type was ever used, even experimentally, eauses us to deny them any recognition in the history of the origin of aphy. Putting aside therefore robable, and not substantiated, theories of engraved movable nestion arises, did typography. ike her patron goddess, spring fully armed from the brain of inventor? in other words, did men pass at a single stride from phy to the perfect typography the punch, the matrix, and the monld? or are we still to seek an intermediate stage in some er and more primitive process oduction? but it is impossible, think, to resist the conclusion that earliest works on printing impression of being cast metal ypes; but that the methods of

those of mature letter founding, seems to us not only possible, but proved, from a study of the works themselves, and we shall briefly refer to one or two theories

ing employed were not always

MEANWHILE, it is almost impossible to erect a system, or draw any hut general conclusions, and these conclusions we speedily summarise as follows. Accepting as a fundamental principle that the feature of typography is in the mobility of the types, we dismiss, as beyond the scope of our inquiry, the numerous xylographic works which preceded typography, and passing in review all the alleged steppingstones between the two arts, we fail to see in the evidence adduced as to the use of movable wooden perforated types anything to justify a conclusion that the earliest printers printed the

books by these means; such types may possibly have been cut experim the practical impossibility of cutting them square enough to be composed forme, and of producing an importa work, is fatal to their claims. The marked difference of style and excel seen in the printing of certain of the earliest books leads one to accept the theory that two schools of printing existed side by side in the infancy of the art, one a rude school, which, not having the secret of the more perfect appliances of the inventors, cast its letters by some very primiti method, probably using moulds mad or clay, in which the entire type has been cast, and it is probable that all types were perforated and held secu together in lines by a wire. Furthe the suggestion that the earliest type were produced by a system of poly types, that the faces of each letter, from a plate resembling very much stereotype-plate, were each separate and mounted on loose wooden shank certainly must dismiss as being pur fanciful. Turning now to the proce adopted by the typographers of the advanced school, we certainly consi the first instance, although grasping principle of the punch, the matrices

and the adaptable mould, they may have made use of inferior appliances, possibly by forming their matrices in lead from wooden or leaden punches or models, advancing thence by degrees to the use of steel punches, copper matrices, and the bipartite iron mould. We hold that the variations observable in the early works of this school are due mainly to uneven casting and wear and tear of the types, and as to the metal in which the type was cast, we find mention made of almost every metal, several of which, however, refer to the punches and matrices, and leaving tin, lead and antimony as the staple ingredients of the type-metal. Of the types themselves, we find these in the most essential particulars to be similar to those cast at a much later date, but we see evidence of perforated,

THE INTRODUCTION OF TYPOGRAPHY started a heated controversy around its cradle lasting continually for four centuries, and volumes have been written, lives have been spent, fortunes have been wasted, nations have been stirred, societies have been organised, a literature has been developed, to find an answer to the now famous triple question, when, where, and by whom was found out the unspeakably useful art of printing books? And yet the world to-day is but little nearer a finite answer to the question than it was in the early fifteenth century, indeed, the dust of battle has really added to the mysterions clouds that envelop these problems, and we are tempted to seek refuge in an agnosticism which wellnigh refuses to helieve that printing ever had an inventor. It would be neither snitable nor profitable to encumber any such investigation of that part of the history of typography which relates to type and typemaking of the fifteenth century by an attempt to solve the vexed question of the invention of the art, for the man who invented typography was without doubt the man who first invented moveable types, where the one is discovered, we have also found the other. Meanwhile it is possible to avail ourselves of any evidence that exists as to the nature of the types he and his successors used, and as to the methods by which those types were produced, and to arrive at some conclusion respecting the very earliest practices of the art of typefounding in the land and in the age in which it first saw light; one cannot say too often, that whenever we speak of typography and

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mould-cast type, and, in the absence of a nick, a shamfer at the foot, from which the jet has been sawn or cut, instead of broken, and also we remark a great irregularity in the heights

HOWEVER, the toil involved in tracing the characters and figures on wood, and engraving them, and printing them with the frotton, would appear in the case, at any rate, of the small school books, for the production of which this process was largely resorted to, and it is scarcely less wearisome than copying such required numbers by the pen of a scribe. And even if, at a later time, the book makers so far reduced their labours, as to write their text in the ordinary way on suitable paper, or with prepared ink, and so transfer their copy, after the manner of the Chinese, to the wood,

of dissatisfaction; an impractical man, as well as a theoretical, we may suppose he would try to experiment on the little wood block in his hand, and by sawing off all the lines, and also some of the letters in the lines, would try to arrange his tiny types into a few short words; a momentous experiment, and fraught with as great a revolution as the world has ever seen! keener discussion in the history of printing is that of the use of movable wooden types, as a first stage in the passage from xylography to typography, for those who write on the affirmative side of the question, profess to see in

entury makes the slightest allusion

THE INTRODUCTION OF TYPOGRAPHY commenced a controversy round its cradle lasting for four centuries; volumes have been written, lives have been spent, fortunes have been expended, communities have been stirred, and societies have been formed, while a literature has been developed, to arrive at an answer to the famous triple question: when and where, or by whom was discovered the useful art of printing books? and yet the world to-day is but little nearer a definite answer to the question than it was in the early fifteenth century for the dust of battle has but widely multiplied the mysterious clouds that envelop the great problem, and we are tempted to seek protection in an agnosticism which refuses to acknowledge that printing ever had an inventor. It would not be suitable or profitable to encumber an investigation of that portion of the history of typography that refers to the type and typemaking of the fifteenth century by an attempt to discuss the vexed question of the invention of the art, for the man who invented typography was doubtless the man who introduced movable letters, and where the one is discovered, we have likewise found the other; meanwhile, it is possible to avail ourselves of whatever evidence existing as to the nature of the types he and his successors used, and as to the methods by which those types were produced, and to arrive at some conclusion respecting the earliest practices of the art of typefounding in the land and in the age in which it first saw the light; one cannot say too often that whenever we

to the use of wooden types. It is possible to think that some of the rinters, uninitiated to the mysteries of the punch and matrix, may have eavoured to cut themselves wooden ich, when they proved unworkable the press, they perforated and put gether; but it is doubtful that any such rude experiment ever resulted in the production of any important ork of note, although it is true that number of writers have asserted it Fournier, a practical typographer, this belief, from the fact that the pes are varied among themselves in nch a way which would not be the if they were cast from a matrix in moulds; in admitting the possibility of producing type in this way, and he possible obtuseness which could nventor of printing to spend many ars in laboriously engraving shanks nough for a single forme, the lack any satisfactory evidence that such as ever used, even experimentally, pelled us to deny them recognition istory of the origin of typography. ting aside therefore as improbable, nd not proved, the two theories of graved movable types, the question ses, did typography, like her patron

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the labour expended in proportion to the poor result, and the uselessness of the blocks when once their work was done, would undoubtedly impress an inventive genius with a true sense goddess, spring fully armed from the brain of her inventor? in other words, did men pass at a single stride from xylography to the perfect typography, the punch, the matrix and mould?

HISTORIES OF NOTED PROMINENT BRITISH FOUNDRIES.

DOUBTLESS it is fair to suppose the idea of movable type may have been suggested to the mind of the inventor by a close study of some works of a xylographic printer, and an observation of the cumbrous and more wearisome method by which his books were then produced; the toil involved in first painfully tracing the reversed characters and figures on

the wood, then of engraving them and, finally, of printing them with frotton, would appear, in the case, at any rate of the small school-bo the production of which this proc extensively used, scarcely less tedi than copying the required number by the deft pen of the average scr even if, at a later period, the book so far facilitated their labours as to write their text in the ordinary manner on prepared paper, or wit prepared ink, and so transfer the on to the wood, the labour expend proportion to the poor result, and the uselessness of the blocks when once their work was done, would doubtless impress an inventive ge with a due sense of dissatisfaction and impatience, and we can imagi him examining the first pages of his new publication, on which wo printed the characters of the alph and we can picture him speculatin as Cicero had speculated centuries before, on the possibilities present by their combination in indefinite variety of the twenty-five symbol and being a practical man as well as a theorist, we may conclude he attempt to experiment on the litt block in his hand, and by sawing off first the liues, and afterwards

the letters in those lines, attempt to arrange his little types into a few short words; while no question has aroused more interest or been the primary cause of keener discussion in the history of printing than that referring to the use of movable wooden types as a first stage in the passage from xylography to the chaste typography of the present day, for those who write on the affirmative side of the question profess to see in those typographical works, as well as in those historical statements that are handed down by the old authorities, clear and

conclusive evidence that the wood characters were used, and that many of the most famous examples by the early printers were executed by their means; but as for the latter source of their confidence, it is as least remarkable that not one writer of the fifteenth century makes the merest allusion to the use of wood types. It is possible to believe that some of the early

THE INTRODUCTION OF TYPOGRAPHY commenced a controversy round its cradle lasting for four centuries; volumes have been written, lives have been spent, fortunes have been expended, nations have been stirred, and societies have been formed, while a literature has been developed, to find an answer to the famous triple question: when, where, and by whom was found out the art of printing books? and yet the world to-day is but little nearer a definite answer to the question than it was in the fifteenth century, indeed the dust of battle has added to, not diminished, the mysterions clouds that envelop the great problem, and we are tempted to seek refuge in an agnosticism that wellnigh refuses to believe that printing ever had an inventor. It would be neither suitable nor profitable to greatly encumber a research of that part of a history of typography which relates to the types and typemaking of the fifteenth century by a fruitless attempt to discuss the vexed question of the invention of the art, for the man who introduced typography was indeed the man who first invented moveable types; where the one is discovered, we have found the other: meanwhile it is possible to avail ourselves of whatever evidence exists as to the nature of these materials he and his successors used, and as to the methods by which those types were produced, and to arrive at some conclusion respecting the earliest practices of the art of typefounding in the land and the age in which it first saw light; one cannot repeat too often, that whenever we speak of typography and its inventiou nothing is meant but printing with

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printers, uninitiated to the many mysteries of the punch and matrix, may have endeavoured to cut themselves wooden types, which when they proved unworkable upon the press, they perforated and strung together with wire; it is no doubt beyond credit that any such rude experiment ever resulted in the production of a high-class staudard work, although, it is true that numerous writers have stated it was so. Fournier, a practical typographer, persists in the belief, from the fact that the letters vary among themselves in a style which admitting

HISTORIES OF NOTED PROMINENT BRITISH FOUNDRIES.

BRIEFLY, to this feature is due the attempt on the part of the early printer to limitate manuscript as closely as possible, as well as the exigencies of justification in composition, that, in the absence of a variety of spaces, required various widths in the letters themselves, which was common to both schools of the early typography. Of the face of type used by the early printers, we shall have occasion to speak later on; with respect to the development of letterfounding as an industry, there is but little that can be gathered in the history of the fifteenth century, while for the most part printers were their own founders, and every printer had his

own types; such is, therefore, a bril outline of the chief facts and opini regarding the processes of the early typefounders, and yet it may be sai that, after all, we know very little the matter, as the facts are very fe and the conjectures, in many iasta so contradictory, that it is impossi to erect a system, or draw any but general conclusions, and these con briefly snumarise as follows: acce as a fundamental principle that th essence of typography, while passi in review the alleged stepping-ston between the two arts, we fail to see in the evidence adduced in the use of movable wooden perforated typ anything to justify the conclusion, the earliest printers printed books, their means. The marked differen of style and excellence in the typo and certain of the early books lead accept the theory that two schools of typography existed side by side in the infiney of the art, one a rud school, which, not having the seere the more perfect appliances of the inventors, would east its letters by some primitive method, and proba the monlds of sand or clay, in whi the entire types had been moulded while such letters may have been perforated and held together in line

by a wire. The suggestion that the earliest letters were produced by a system of polotype, and the face of each letter, sawn off a plate resembling a stereotype-plate, was separately mounted on wooden shauks, will be disanssed as being purely funciful; and turning now to the methods adopted by the typographers of the more advanced school, we consider that in the first instance, while grasping the principle of the punch, the matrix and the mould, they may have made use of inferior appliances, and at the same time by forming their natrixes in lead from the wooden and leaden punches, or models, and then advancing by degrees to the use of steel punches, copper matrices, and the bipartite iron mould. We hold that the variations observable in the very first works of this school are due to uneven casting and wear and tear of the types, and as to the metal in which

THE INTRODUCTION OF TYPOGRAPHY convuenced a controversy round its eradle lasting for centuries: volumes have been written, lives have been spent, fortunes have been wasted, communities have been stirred, societies have been organised, while a literature has been developed, to find answer to the now famous triple question, when, where, and by whom was found out the useful art of printing books? and yet the world to-day is but little nearer a definite answer to the question than it was in the fifteenth century, for the dust of battle has largely added to the ever mysterious clouds which envelop the great problem, and we are tempted to seek refuge in an agnosticism which however declines to believe that printing ever had an inventor. It would be neither suitable nor profitable to encumber an investigation of that part of the history of typography that refers to type and typemaking of the fifteenth century by an attempt to solve the question of the introduction of the art, for the man who invented typography was the man who first invented movable letters; where the one is discovered, we have also found the other; but in the meantime it is possible to avail ourselves of whatever evidence exists as to the nature of the various types which he and his successors used, and particularly as to the methods by which those types were produced, and to arrive at some conclusion in respect to the very earliest practices of the art of typefounding in the land and in the age in which it first saw light; one cannot say too often that when we speak of typography and its invention nothing is meant but printing with the aid of separate types,

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the type was east, and we find mention made of almost all metals, very many of them refer to the punches and matrices, leaving tin, lead, and antimony as the staple ingredients of the type-metal; but as to the letters, we find these

HISTORIES OF NOTED PROMINENT BRITISH FOUNDRIES.

MOREOVER, the claims made for wood letters as a means by which the early books were produced, are not historically unsupported, but the whole weight of practical evidence rejects them, and dismissing them, therefore, from our consideration, a new theory stands before us, which at first scems to supply, not only a more probable, but in fact a more possible stepping-stone

between xylography and typogr the theory of sculpto-fusi types to have sprung up on no firmer than the difficulty of accounting for the marked irregularities in the letters of the earliest printe books, and the lack of a theory more feasible than that of mov wood type to account for it, the aside as improbable, and not pre the two theories of engraved ty the question arises, did typogra her patron goddess, spring fully armed from the brain of her inv in other words, did men pass at a single stride from xylography to the perfect typography of th punch, the matrix, and the moul or are we still to seek for an int in some ruder and more primiti process of production? and it is we think, to resist the conclusio that all the carlier works of typ were the impression of cast met types; but that the methods of casting employed were not alway those of matured letter-foundin to us not only probable, but evi a study of the works themselves and we shall briefly refer to one or two theories which have been propounded, all with more or le plausibility, while casting in san

was an art not unknown to the silversmiths and trinket-makers of the fifteenth century and several writers have suggested that the early printers applied this process to type-founding. A most important difficulty to be overcome in type cast by this or any other primitive method would be the absence of uniformity in the letters, and some of the letters would stand higher than others, and the low ones unless raised would not only

miss the ink, but would not be visible in the impression. Another suggested mode is the one of casting in clay moulds, by a method similar to that used in the sand process, and resulting in similar peculiarities and variations in the types; while one who is the chief exponent of this theory suggests that the types were produced by pouring melted lead, or other metal, into moulds of earth or

THE INTRODUCTION OF TYPOGRAPHY started a controversy around its cradle lasting for four centuries, and volumes have been written, lives have been spent, fortunes have been expended, societies have been organised, communities have been stirred, and literature has been developed, to find an answer to the famous triple question: when, where, and by whom was found out the useful art of printing books? And yet the world to-day is very little nearer a definite answer to this question than it was in the fifteenth century for the dust of battle has certainly multiplied the mysterious clouds that cuvelop the problem, and we are tempted to seek refuge in an agnosticism which refuses to think that printing ever had an inventor; it would be neither fitting nor profitable to encumber an investigation of that part of the history of typography that relates to types and type making of the fifteenth century by an attempt to discuss the vexed question of the invention of the art, for the man who did invent typography was doubtless the man who first invented movable letters; where the one is discovered, we have also found the other, and at present, it may be possible to avail ourselves of whatever evidence as to the nature of the types he and his successors used, and as to the methods by which those types were produced, and so to arrive at some conclusion respecting the earliest practices of the art of typefounding in the land and the age in which it first saw light; one cannot repeat too often, that whenever we speak of

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plaster made while the carth or plaster was still heated, upon the letters cut by hand on wood or metal in the ordinary manner, as used from time to time immemorial, and in casting statues of bronze and other articles of metal, whether for use or ornament; so the mould thus formed could not be of long duration, and in fact, would scarcely avail for a second casting, as it would be scarcely possible to extricate the type after casting

REMARKABLE claims set up on behalf of moveable wood types as the means by which the earlier books were printed, are not supported, and practical evidence rejects them; leaving them, at present, from our consideration, a new theory confronts us, which at first appears to supply, if not a probable, certainly a possible, stepping-stone between xylography

and typography. The Idea of the sembto-fusi mould was possibly the goal of the discovery, and those who succeeded in reaching it were the typographers of the early days, others that gruped after it through tedions by-ways, were the rade artists of the *Donatus* and *Speculum*. It must be admitted, in considering the early modes of type-casting, the inquirer stands in a

field of conjecture, and has only utive evidence to assure him that es undoubtedly did exist, and he arches in vain for any direct clue to the nature and details of those ethods. We shall briefly refer to tries which have been propounded less of plausibility; while casting

COWPER'S ENGLISH LIBERTY.

The king who loves the law, respects his bounds, And reigns content within them; him we serve Freely, and with delight, who leaves us free: But recollecting still that he ls man, We trust him not too far. King though he be, And king in England too, he may be weak, And vain enough to be ambitious still; May exercise amiss his proper powers, Or covet more than freemen choose to grant; Beyond that mark is treason, lle is ours To administer, to guard, to adorn the state, But not to warp or change it. We are his To serve him nobly in the common cause, True to the death, but not to be his slaves Mark now the difference, ye that boast your love Of kings, between your layalty and ours! We live the man, the paltry pageant yon;
We the chief patron of the commonwealth,
You the regardless author of its woes;
We for the sake of liberty, a king,
You chains and bondage for a tyrant's sake:
Our love is principal, and has its root In reason—is judicious, manly, free; Yours, a blind instinct, crouches to the rod, And lieks the foot that treads it in the dust.
Were kingship as true treasure as it seems,
Sterling, and worthy of a wise man's wish,
I would not be a king to be beloved
Causeless, and danled with undiscerning praise, Where love is mere attachment to the throne, Not to the man who fills it as he ought. Tis liberty alone that gives the flower,

her suggested mode is that of clay moulds, by a mode quite that used in the sand process ulting in similar pecularities and variations in the types; a riter suggests that the letters made by pouring melted lend her soft metal into moulds of arth or plaster was in a moist ate, upon letters cut by hund ood or metal; in the ordinary sed from time immemorial in easting statues of bronze and her articles of metal, whether or ornament; the mould thus could not be of long duration indeed, it could scarcely avail sible to extract the type after ng without breaking the elay nd even if that could be done he shrinking of the metal in poling would be apt to warp mould beyond the possibility of further use, and it would

be more reasonable to suppose that a set of models would be reserved for the periodical renewal of the moulds all through the work, and that the variation in the types would be due, not only to the gradual paring of the faces of the models, but to the varying

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Putting aside, therefore, as impr proved, the two theories of engra moveable types, the question aris' typography, like her patron godd spring fully armed from the brai of her inventor? or, in other wor did nen pass at a single stride fr xylography to the perfect typogr

punch, matrix, and mould, or should we seek an intermediate stage in some ruder and more primitive process of production? and it seems quite impossible to resist the conclusion, that all the earliest works of typography were the impressions of cast metal letters; but that all the ways of casting employed were not always The time occupied after the first engraving of models in forming, in drying and clearing the mould, in casting, extracting, or possibly perforating the types, would be little short of the rapid performance of a practised xylographer. Still, there would be a gain in the possession of a fount of moveable type, which even if the

NEITHER suitable nor profitable would it be to encumber an investigation of the history of typography, which relates to types and type-making of the fifteenth century, by attempting to discuss the perplexed question of the invention of the art; for, no doubt, the man who did invent typography was the man who invented movable wood types, and where the onc is discovered, we have also found the other. But, meanwhile, it is possible to avail

patrices were substituted by using brass matrices and steel patrices; while all this belongs to a secondary question of technical execution of the principal idea; multiplication of books by means of multiplication of letters, or multiplication of letters hy means of their great durability and repeated use of the letters, or by means of the looseness of each individual letter; even if this principle be adopted, it will be obvious, that a large class of works which

usually occupy a prominent place quiries into the origin of printing have but a slight bearing on the history of typography; the block books from 1405 to 1627 had but little communication with the art that followed and eclipsed them. In the one respect of marking the

COWPER'S LOVE OF NATURE.

Nor rural sights alone, but rural sounds. Exhilarate the spirit, and restore The tone of languid Nature. Mighty winds, That sweep the skirt of some far-spreading wood Of ancient growth, make music not unlike The dash of ocean on his winding shore, And lull the spirit while they fill the mind; Unnumbered branches waving in the blast, And all their leaves, fast fluttering all at once. Nor less composure waits upon the roar Of distant floods, or on the softer voice Of neighbouring fountain, or of rills that slip Through the cleft rock, and, chiming as they fall Upon loose pebbles, lose themselves at length In matted grass, that, with a livelier green, Betrays the secret of their silent course. Nature inanimate employs sweet sounds, But animated Nature sweeter still, To soothe and satisfy the human ear. Ten thousand warblers cheer the day, and one The livelong night: nor these alone whose notes Nice-fingered art must emulate in vain, But cawing rooks, and kites that swim sublime In still repeated circles, screaming loud, The jay, the pie, and even the boding owl, That hails the rising moon, have charms for me. Sounds inharmonious in themselves, and harsh, Yet heard in scenes where peace for ever reigns, And only there, please highly for their sake. Like a coy maiden, ease when courted most, Farthest retires—an idol, at whose shrine Who oftenest sacrifice, are favoured least.

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cited keener discussion in the history of printing, than that use of movable wooden types as a first stage in the passage graphy to typography; while rite on the affirmative side of the question profess to see in rlier typographical works, as ical statements handed down horities, the clearest cyidence that wooden types were used, and that several of the most us works of the early printers cuted by their means; but, on estion whether any book was ver printed with such type, it wholly inconclusive, and that at any such rude experiment er resulted in the production rk like the Speculum, though many writers have asserted it nd even Fournier, a practical typographer, insists from the fact that letters vary among

themselves in a manner that would not be the case had they been cast from a matrix in a mould; but leaving them, however, a new theory confronts us that at first seems to infer a probable, and certainly a possible, stepping-stone between xylography and

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ourselves of any evidence existing as to the nature of letters he and his successors used, and as to the methods by which those types ar and possibly to arrive at some co carly practices of the art of typog in the land and in the age in whi saw light, and one thing therefor

is certain: he who did not invent printing with movable types did, as far as typography goes, invent nothing; then what material was used first in this invention; of what metal the first letters, the patrices and matrices were made, use of printing for the instruction of mankind, the block books and the very earliest works of typography proper demand an equal interest; but, in regard to their mechanical production, the one resture they possess in common is the

BRIEFLY, the objection against both the elay and sand methods is tediousness; therefore the time taken up after the first engraving of the models in forming, drying and elearing the mould, in casting and extracting, perhaps perforating, the types would be but little short of the expeditious performance of a skilful xylographer; but most likely there would be a clear gain in the possession of a fount of movable types, which, even if the metal were soft lead or pewter, might nevertheless be of service in

more than one forme, under a rough press roughly handled; with regard to the xylographic block, only one hand, and that a skilled one, could labour; wh monlding and casting of these types, many hands could make light work, and yet there still snggestion as to the method in which the types of the rude sci produced. This may be describ as a system of what the founde of sixty years ago called "poly he imagines that the first prin have discovered a way of moul so as to get a matrix-plate imp of the whole page, while upon matrix they would pour a liqn metal, and by the aid of a roll cylinder, press the fused matte evenly, so as to penetrate into the hollows and corners of the letters. This tablet of tin or le being easily lifted and detache the matrix, would then appear as a surface of metal in which the letters of the alphabet stoo out reversed and in relief; whi these letters could easily be de and rendered mobile by the use a knife or other sharp instrum and the operation could be rep a hundred times a day; therefo metal faces so produced would

be fixed on wooden shanks, type high, and the fount would then be complete; perhaps it may be well before quitting this subject to take note of a certain phrase which has given rise to considerable conjecture and controversy in connection with the earliest methods of typography. Turning from the conjectured primitive processes of the ruder school of early typography we may pause

to consider the practice of the more mature school, which, as has already been reported, appears to have arrived immediately at the secret of the punch, matrix, and adjustable mould. We should be loth to declare that they arrived directly at the most perfect mechanism of these appliances; indeed, an examination of the earliest productions of the Mentz press, beautiful as they are, convinces one that the first printers were not finished typefounders; or even if their first punches were wood, or their first matrices

THE INTRODUCTION OF TYPOGRAPHY started a controversy around its cradle lasting for several centuries; volumes have been written, fortunes have been wasted, societies have been organised. communities have been stirred, a literature has been developed, to find an answer to the famous triple question: when, where, and by whom was discovered the useful art of printing? and yet the world to-day is but very little nearer a finite answer to the question than it was in the early fifteenth century, for the dust of battle has very largely increased those mysterious clouds which envelop this great problem, and we are tempted to seek refuge in an agnosticism that refuses to believe that printing ever had an inventor. It would not be **xuitable** nor profitable* to encumber an investigation of that important part of the history of typography which relates to the type and typemaking of the fifteenth century by an attempt to discuss the perplexed question of the invention of the art, for the man who invented typography was undoubtedly the man who first invented movable letters, and where the one is discovered, we have also found the other; in the meantime it is possible to avail ourselves of all evidence existing as to the nature of the letters he and his successors used, and as to the methods by which those types were produced, and thus arrive at some conclusion respecting the earliest practices of the art of typefounding in the land and the age in which it first saw tho light; one cannot say too often, that whenever we speak of typography and its invention nothing is meant

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lead, and their first mould no more than a clumsy adaptation of the composing-stick, they had yet the secret of the art; and to perfect it was a mere matter of time; also a number of experiments have proved that the face of the wood type may be without injury impressed into the lead in a state of semi-fusion, and thus produce perfectly an inverted image of itself in the matrix. It

HOWEVER, it is now possible to believe that certain of the early printers, uninitiated into the mystery of the punch, may have tried to cut themselves wooden letters, which, when they proved untractable under the press, they perforated and strung together in lines; but it Is beyond credit that any such rude experiment ever resulted in the production of a work like before stated; It is true that many writers have sald that it was so; Fournier, a practical typographer, insists upon it from the fact that the letters differ amongst themselves in a manner

armed from the brain of her inventor? in other words, dld men proceed at a single stride from xylography to the perfect casting of the punch, the matrix, and the mould? or are we still to seek for an Intermediate stage in some ruder or more primitive method of production? but it is Impracticable, we think, to resist the conclusion that all the early works of typography were the Impression of east metal types; as the methods of casting employed were not always those of matured letter-founding it seems to us not only probable, but evident from a study of the works

THE INTRODUCTION OF TYPOGRAPHY commenced a controversy around its cradle which lasted for several controversy around its cradle which lasted for several centurles; volumes have been written, lives have been spent, fortunes have been wasted, communities have been strend, societies have been formed, a literature has been developed, to find an answer to the famous triple question; when, where, and by whom was discovered the useful art of printing books? And yet the world to-day is little nearer a definite answer to the question than it was in early days, for the controversy has unitiplied rather than diminished the mysterious clouds that envelou the problem, and we are tenuted has multiplied rather than diminished the mysterionis clouds that envelop the problem, and we are tempted to seck refuge in an agnosticism that refuses to believe that printing ever had an inventor. It would not be suitable or profitable to enember an investigation of that part of the history of typography that relates to the type and type-making of the fifteenth century by any attempt to discuss the perplexed question of the invention of the art, for the man who invented movable letters, and where the one is discovered, we have also found the other; but meanwhile, it is possible to avail ourselves of whatever evidence exists as to the nature of the letters he and his successors used, and as to the methods by which those letters were produced, while of the letters lie and his successors used, and as to the methods by which those letters were produced, while arriving at some conclusions in respect of the earliest practices of the art of type-founding in the land and the age in which it first saw the light: therefore, one cannot say too often that, whenever we speak of the introduction of typegraphy, nothing is meant but the printing with the separate letters, which therefore in distinction from letters cut on wooden plates, can be placed together or used separately according to desire; one thing, therefore, is certain; he who did not invent printing with movable types, dld, as far as typography goes, invent nothing. What material was first used in this important invention; of what materials the first letters, the patrices and the matrices were made; by whom and when leaden matrices and brass patrices

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which would not be the case had they been cast from a matrix in a mould; while leaving them, therefore, from our consideration, a new theory confronts us, which at first blush seems to give, if not a more probable, certainly a more possible, stepping-stone between xylography and typography. Putting aside therefore as improbable. and not proved, these two theories of engraved movable types, the question naturally arises, did typography, like her patron goddess, start fully

Inquirer stands in a field of pure jecture, and he has only negative evidence to assure him, while he rches in vain for any direct elue to the nature and details of those ethods; for we shall briefly refer or two theories which have been ropounded, all with more or less plausibility. Casting in sand was an art which was not unknown to silversmiths and trinket-makers fifteenth century, and a number writers have suggested that some of the first printers adopted this to type-founding; while another suggested mode is that of easting clay moulds, by a system similar used in the sand process, resulting mllar peculiarities and variations the letters: a writer of this theory uggests that the types were made pouring melted lead or other soft etal into the monids of the earth or the plaster, formed, while the plaster was in a moist condition, upon letters cut by hand in wood or metal, in the ordinary manner used from thme to time in casting tues of bronze and other articles tal, whether for use or ornament. The mould formed in this manner not be of long duration; indeed, could scarcely avail for a second casting, as it would be impossible to extract the type after rasting without breaking the clay, and if ld be accomplished, the shrinking of the metals in cooling would be moulds beyond the possibility of

further use, and it would be more reasonable to think that one set of models would be reserved for a periodical renewal of moulds all through the work, and that the variation of the letters would be due, not to the gradual paring of the faces of the models, but to the different skill and exactness with which successive moulds would be taken, and the chief objection urged against both the clay and sand methods as described is their tediousness, for the time occupied after the

NEVERTHELESS, the labour invoived in first tracing the letters and figures, reversed, on the wood, and afterwards printing them with the frotten, would appear in the case, at any rate, of many school-books, for the production of which this process was largely resorted to, and scarcely jess Irksome than copying the required quantity by the deft pen of a scribe; and even if, at a later period, many of the bookmakers so far facilitated their tasks as to write their text in the ordinary way on prepared paper, or with prepared ink, and so transfer their copy, on to the wood, the labour

spent in proportion to the result, the uselessness of the blocks when once their task was done, would no doubt impress an inventive genius with a sense of dissatisfaction and impatience, while we can imagine him examining the first page of an important work, on which would be engraved, in three lines, with a clear space between each characte letters of the alphabet, and specula as Cicero had speculated centuries before, on the possibilities present the combination in indefinite vari of those twenty-five symbols; also being a practical man as well as a theorist, we may suppose he would attempt to arrange his little types into a few short words, a momento experiment, and fraught with the greatest revolution the world has ver known. No question ins are interest, or excited keener discuss in the history of printing than the of the use of movable wooden typ as a first stage in the passage from xylography to typography, for the who write on the affirmative side of the question profess to see in the early typographical works, as well as in the historical statements han down by the old authorities, clear evidence that wooden types were used, and that several of the most famous works of the first printers were executed by their means. As the latter source of confidence it is remarkable that no writer of fiftee century makes slightest references

on the use of wooden types; even on the question if any book was ever printed with such type, it is woodly inconclusive. It is possible to think that certain of the earliest printers, unmittated to the enysteries of the punch and matrix, may possibly have attempted to cut themselves wooden letters, which, proving unworkable upon the press, they perforated and put together in lines; it is very dublous that any such rude experiment has ever resulted in the production of such a work like the

Speculum; nevertheless, it is true that very many writers have asserted it was so. Fournier, a great typographer, insists upon the fact that very many of the types vary among themselves, in a manner which would not be the case had they been fitly east from a matrix in a mould; even the experiments made, by some of the ardent supporters of the theory, have been woful frithres. The claims set up on behalf of movable letters as a means by which many of the early books were printed, are not wholly unsupported, but the whole weight of practical evidence rejects them; while dismissing

THE INTRODUCTION OF TYPOGRAPUY commenced a heated controversy around its cradle that lasted several centuries; while volumes have been written, lives have been spent, fortunes have been expended, nations have been spent, fortunes have been expended, nations have been strived, and literature has been developed, to find an answer to the famous triple question; when, where, and by whom was found out the useful art of printing books? And yet the world to-day is very little leaver a fairtie answer to the question than it was in the fifteenth century, indeed, the dust of battle has largely multiplied the mysterious clouds which envelop the great problem, and we are indeed tempted to seek refuge in an agnosticism that refuses to believe that printing ever had an inventor. It would be neither suitable nor profitable to eumber an investigation of that part of the libstory of the fifteenth century by an attempt to discuss the question of the invention of the art, for the man who did havent typography was without doubt the man who did havent typography was without doubt the man who first need novable wood letters, and where the one is discovered, we have also found the other; and at present it may be possible to avail ourselves of whatever evidence that is kiedy to exist, as to the mature of the letters he and his successors used, and as to the ways by which the types were produced, or possibly to arrive at some conclusion regarding the first practices of the art of typefounding in the land and the age in which it first saw the light. It can be repeated often, that when we speak of the use of typography and its invention, nothing is understood but the printing with separate types, which therefore in distinction from letters cut on wooden or metal plates, may be placed together or used separately according to indistinction; one thing therefore is certain; he win did not invent printing with movable letters did, as far as typography goes, haven nothing. What materials was first used in this important invention; of what mate

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them, therefore, from our consideration, a theory confronts us, which at first binsh seems to supply, if not a more probable, certainly a more possible, stepping-stone between the art of xylography and typography, though the theory of the sculpto-find types appears to have spring up on no sounder foundation than the difficulty of accounting for the marked variations in the letters of the earlier printed books, and the omission of a theory more feasible than that of movable wood type to judge

HISTORIES OF NOTED PROMINENT BRITISH FOUNDRIES.

R ECOGNISING as not proved these two theories of engraved movable types, the question therefore appears, did typography, like her mysterious patron goddess, spring fully armed from the hrain of her inventor? or, in other words, did men pass at a single stride from xylography to the perfect typography of the punch, matrix and mould? or are we to seek for an intermediate stage in some ruder and a more primitive process of production? and it is impossible, we think, to resist the conclusion that all the earliest

works of typography were the impression of cast metal types but that the methods of castin were not always those of matu letter founding, seems to us no only probable, but evident fro a study of the works themselv therefore considering the prim of typecasting, it must be fran admitted that the inquirer sta a field of pure conjecture, and he has only negative evidence to assure him that such primi undoubtedly did exist, and be searches in vain for any direct clue as to the nature and detail of those methods, and therefor we shall briefly refer to one or two theories which have been propounded, all with more or less plausibility. Casting in sa was an art not unknown to th silversmiths and trinket-make of the fifteenth century, and s had suggested that some of th early printers applied this pro to typefounding; while anothe suggested mode is that of easti clay moulds by a method very similar to that used in the san process and resulting in simila peculiarities and variations in the types, and a certain writer chief exponent of this theory the types were made by pouri melted lead or other soft meta into moulds of earth or plaster formed, while the earth or pla was in a moist state, upon lett

cut hy hand in wood or metal; in the usual way used from time to time immemorial in easting statues of hronze and other articles of metal, whether for use or for ornament; and the mould thus formed could not be of long duration; indeed, it could scarcely avail for a second casting, as it would be searcely possible to extract the type after its casting without breaking the clay, and even if that could he done, the almost certain shrinking of the metal in cooling would be very liable

to warp the mould beyond the possibility of further use: and it would he more feasible to imagine that one set of models would he reserved for the renewal of the moulds all through the work, and the variations of the types would be due not only to the gradual paring of the faces of the models, but to the different skill and accuracy with which all the successive moulds would he taken. The chief objection urged against both the clay and sand methods as above detailed is their tediousness. The time taken after the first

THE INTRODUCTION OF TYPOGRAPHY started a heated controversy around its eradle lasting for four centruries; large volumes have heen written, lives have been spent, fortunes have been written, lives have been spent, fortunes have been written, lives have been stirred, and societies have been organised, while a literature has been developed, to find answer to the now famous triple question; when, and where, or by whom was found out the most useful art of printing hooks? And yet the world to-day is but little nearer a finite answer to the question than it was in the fifteenth century indeed, the dust of battle has but multiplied the mysterious clouds that envelop the problem, and we are tempted to seek refuge in an agnosticism that refuses to helieve that printing ever had an inventor. It would be neither suitable nor profitable to encumber an investigation of that portion of the history of typography which relates to types and typemaking of the fifteenth century by any attempt to discuss the perplexed question of the invention of the art, for the man who did invent typography was no doubt the man who did invent typography was no doubt the man who idi envented movable letters, and where the one is discovered, we have also found the other; but at present, it is possible to avail ourselves of whatever evidence exists as to the nature of the types which he and his successors used, and to the methods hy which those types were produced, and possibly to arrive at some conclusions respecting the very earliest practices of the art of typefounding in the land and the age in which it first saw light; one cannot say too often, that when we speak of typography and its wonderful invention, nothing is meant, or after nothing should be meant, but the printing with the aid of separate types, which therefore in distinction from letters cut on wooden plates, can be placed together or used separately according to inclination; one thing, therefore, is certain; he who did not invent printing with movable types.

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engraving of the models in forming, drying and clearing the mould, casting, extracting, touching up, perhaps perforating, the types would be little short of the expeditious performance of a practised xylographer, and so there would be a gain in the possession of a fount of movable letters which, even if the metal in which they were cast was merely soft lead or pewter, might nevertheless, do service in more than one forme, and under a rough press, roughly handled; but on the

5-Point Lining No. 27.

PROMINENT DIGITISH FOUNDINES.

THE INTRODUCTION BY TYPOGRAPHY commenced a controversy around its cradle which larved continuity four renturies; vidumes have been written, lives have been spent, large fortunes have been written, lives have been spent, large fortunes have been wasted, socheties have been orazinised, nations have been satirred, while a literature has been developed, to find answer to the triple question, when, where, and by whom was found out the useful art of printing baoks? and yet the world to-day is little nearer a definite answer to the question than it was in the rarly fifteenth century, indeed the dust of battle has added to the mysterious clouds that so completely envelop this most interesting product. It would be neither suitable nor in any way profitable to encounter an investibation of the history of typesgraphy which deals with types and typemakhor of the fifteenth century by any attempt to discuss the very question of the introduction of this art; the near that

el typography was also without ilendit the one is codinced moyable types, and where the one is we have also found the other; at present it is to avail ourselves of evidence that exists as lare of the types he and his successors used, also has aroused greater interest, and excited iscussion in the History of Printing than that se of movable wooden types as a first stage in ke from xylography to typesraphy; for those write on the affirmative side of the question e in the early typographical works, as well as torical statements that are handed down by athorities, the charest reldence that wooden greeneed, and that several of the most famous

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41-Point No. 4.

PROMINENT FOUNDRIES.

54-Point No. 23.

With the Introduction of Typography commenced a long controversy lasting for four centuries, lives have been lost fortunes have been wasted, societies have been formed, communities have been slirred, a literature has also been developed, to illscover a thial auswer to the farmus triple question, when, where, and by whom, was the useful art of printing books found out? And vet the world to-day is little nearer a definite answer to the vital question, Indeed the dust of buttle has added to rather than dismissed, the clouds, It would not be sultable or profitable to encumber a research of that seether of the history of printing that refers to

the types of the differenth cetrying to discuss the vexed of the invention of the art, did first introduce typegra printer was doubtless the strict invential movable type one is discovered, we have found the other. One cannot too often that, whenever w speaking of typegraphy an

5-Point Lining No. 24.

PROMINENT BRITISH FOUNDRIE

THE INTEDITUTION OF TYPOMIAPHY comm a contraversy around its craffe hading for four of volumes have been written, lives have been appending for times have been expended, communities have been depended, communities have been developed, to find an answer to the new farified question; when, where, and by whom was the beneficial art of printing books? And yet the loday is allittle nearer a finite answer to the question; when was the beneficial art of printing books?

if was in early days, for the dust of builte has increased the mysterious cluids which envelop the problem, and we are tempted to seek refuge in an agnosticism which refuses to believe printing land an inventor. Putting sails, therefore, as improbable and not proved, the two theories of engraved movable type, the question then arises, did typography, ilke her pairon goddess, arise fully armed from the leain of her inventor? or, so to speak, did men pass at one great stride from xylography to the perfect typography of the punch, the matrix, and mould? or are we to seek for a stage in ame ruder and a more primitive mode of production? It is therefore impossible to resist the conclusion that well night all the earlier works of typography were doubtless the impression of metal types. We shall, however, refer to one or two theories that have been propounded, and all with more or less of plaosibility; casting in sand was not unknown to silversmithe, as well as trinket makers of the fifteenth century, and a number of writers have suggested that several of the earlier printers applied this provess to type-foonding; yet another mode is that of casting in clay

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ENT BRITISH FOUNDRIES.

tion of Typingraphy started a heated liting for four centuries, and volumes there with the heat here spent, have been wated, reminantities have feen formed, a literature has been sind an answer to the famous triple when, where, and by a how was the hall art of printing hoods found out? sold to-day is little mearer a default reaction, thereof, the dust ob hattle rather than diuntimed, the rhoulds. It solidates ar profitable to encumber a at section of the history of printing

at acction of the history of priming the types of the historieal filterath century by trying to alternat the vested question of the transition of the art, for he who first interdenced by pography in the printer was doubtless the mean who first invested. Morable Types, where the are lattercered, we have doubtless found the other. One cannot repeal to offer that, whenever we are peaking of types quely and its investion, nothing is meand, or rather nothing should be meant, other has printing with separate types, which therefore in distinction from letter rad on wooden or metal palates, may be placed together or used separately according to inclination. The one thing therefore is serie; he who did not invent printing by means of movable types, did as for as typescraphy goes, favort nothing a but means late it is quite possible officed out the nature of the materials he and his nuccessors employed for their manufacture; as all three inquirts belong to the important questions.

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PROMINENT BRITISH LETTER FOUNDRIES.

Meanwhile, the introduction of typography started a curious controversy lasting for centuries; volumes have been written, lives have been spent, fortunes have been sunk, societies have been formed, communities have been stirred, to find an answer to the famous triple question: when, where, and by whom was found out the unspeakably useful art of printing books? Again it is otherwise reasonable to suppose that this idea of movable types may have been suggested to the mind of the inventor by a careful study of the results of a xylographic printer, and a close observation of the *cumbrous* and wearisome methods by which his books were produced. The great toil involved in first tracing the signs and figures on the wood, then engraving them, and, finally, of printing them with the frotton, would appear, in the case, at any rate, of the small school-books, for the scribes

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THE REMARKABLE TYPOGRAPHICAL DISCUSSION.

PERHAPS no question has aroused a keener discussion in the history of typography than its introduction. During nearly four centuries volumes have been written, lives have been willingly spent, fortunes have been wasted, nations have been stirred, and societies have been formed, while a literature has been developed, to possibly find answer to the question: when, where, and by whom was discovered the useful art of printing books? and yet even to-day the world is no nearer a conclusive answer to the question than in the early days, indeed the dust of battle has but increased, rather than lessened, the mysterious clouds that envelop the problem, that we are almost tempted to take refuge in an agnosticism that refuses to agree that printing had an inventor; therefore, it would not be suitable or profitable to encumber an investigation of the history of typography which has relation to the types and typemaking of the fifteenth century by attempts to discuss the vexed question of the art, for the man who invented typography was indeed the same man who invented movable letters; where the one is discovered, we have indeed

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CONTROVERSY ON THE INVENTION OF PRINTING.

Societies have been organised, communities have been stirred, and literature has been developed, to find an answer to the famous triple question; when, where, and by whom was found out the useful art of printing books? And yet the world to-day is very little nearer a definite answer to this question than it was in the fifteenth century for the dust of battle has certainly multiplied the mysterious clouds that envelop the problem and we are tempted to seek refuge in an agnosticism which refuses to think that printing ever had an inventor; it would be neither fitting nor profitable to encumber an investigation of that portion of the history of typography that relates to types and typemaking of the fifteenth century by an attempt to again discuss the vexed question of the invention of the art, for the man who did invent typography was doubtless the man who first invented movable letters; where the one is discovered, we have also found the other, and at present, it may be possible to avail ourselves of whatever evidence as to the nature of the types his successors

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MISTORIES OF NOTED PROMINENT BRITISH FOUNDRIES.

RECOGNISINO as not proved these two theories of engraved movable types, the question therefore arises, did typography, like her mysterious patron goddess, spring fully armed from the brain of her inventor? or, in other words, did men pass at one single stride from xylography to the perfect typography of the punch, matrix and mould? or are we to seek for an intermediate stage in some ruder and more primitive process of production? It is impossible, we think, to resist the conclusion that all the earliest works of typography were the impressions of cast metal types; but that the methods of casting employed were not always those of matured letter founding, it seems to us not only probable, but evident from a study of the works themselves. Casting in sand was an art not unknown to the silversmiths and trinket-makers of the fifteenth century, and several writers have suggested that some of the early printers applied this process to typefounding; another suggested mode is that of easting elay moulds by a method very similar to that used in the sand process and resulting in similar peculiarities and variations in the types; n famous old writer, one of the chief exponents of this theory, considers the types were made by pouring meiled lead or some other soft metal into moulds of earth or plaster formed, while the earth or plaster was in n moist state, upon letters cut by hand in wood or metal; in the ordinary way used from time to time immemorial in easting statues of bronze or other metal articles, whether for use or for ornament; and the mould

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PIFTEENTH CENTURY TYPEFOUNDING AND LETTERPRESS PRINTING.

RETURNING to the introduction of typography, around whose cradic commenced a long controversy, and about which volumes have been written, lives have been spent, fortunes have been wasted, societies have been organised, nations have been stirred, while a literature has been developed, to find answer to the triple question, when, where, and by whom was found out the nectulart of printing books? Yet the world to-day is little nearer a definic answer to the question than it was in the early fifteenth century; indeed the dust of battle has added to the mysterious clouds that so completely envelop this most interesting problem. It would be neither suitable nor yet in any way profitable to encumber an investigation of the history of typography which deals with types and typenaking of the fifteenth century by any attempt to discuss the question of the Introduction of this art; the man that invented typography was also without doubt the one that introduced movable types, and where the one is found, we have also found the other; at present it is possible to avail ourselves of evidence that exists as to the nature of the types he and his successors used. No question has aroussed greater interest, and excited keener discussion in the history of printing than that of the use of movable wooden types as a first stage in the passage from xylography to typography; for those who write on the affirmative side of the question profess to see in the early typographed works, as well as in the historical statements that are handed down by the old suthorities, the clearest evidence that wooden types were used and that several of the most famous works of the earliest printers were preduced by their means. However, it is now possible to believe that certain of the early inputies, unfaited into the mystery of the punch, any lave tried to cut themselves wooden letters, which when they proved untractable under the press, they perforsted and strume too-ther alless t but it is beyond credit tint any such rude experiment ever resulted in the

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MERCHANT, s, one who traffics in, or carries on trade, especially with foreign countries, and on a large scale; a trader; pertaining to trade.

Mercurial, a, pertaining to, consisting of, or due to quicksilver; like the God Mercury; conducting, containing, or due to quicksilver. Mercurially, ad. in a lively manner.

MERCURY, s, the swift ready messenger of the Gods, and god of merchandise and trade; a preparation of quicksilver; the planet of the solar system nearest the sun; a messenger.

MERCURY, s, the swift ready messenger of the Gods, and god of merchandise and trade; a preparation of quicksilver; the planet of the system nearest the sun; a messenger.

MERCURY, s, the swift ready messenger of the Gods, and god of merchandise and trade; a preparation of quicksilver; the planet of the system nearest the sun; a messenger.

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Mitcham Junction												
Hackbridge								4 40			10 11 14	
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Wandon			8 33	10 3	11 13	11 41	3 23	8 38	0 10		20	
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Sutton								6 47			26 11 21	
Cheam	7 23	7.49	8 42			11 45		6 49		10	29 11 25	12 40
Ewell											32 11 29	
EPSOM TOWN	7 31	7 56	8 49	10 16	11 21	11 50	4 10	7 6	8 35	9 40 10	36 11 33	12 46

6-point, No. 24, with Ionic Compressed Figures (1234567890), and News Figures, No. 1 (1234567890); also News Figures, No. 3 (1234567890), cast the thickness of an en quad.

5-point, No. 24, with Ionic, No. 2.

Houses of Parliament, Westminster,—Admission can be obtained by applying for tickets near the Victoria Tower, House of Lords, on Saturdays; but Members of Parliament may accompany their friends any day.

St. Paul's Cathedral, City.—Wren's greatest masterpiece Splendid architecture and monuments to celebrated men, Nave and transepts free; choir closed except during divine service. A charge is made for admission to the whispering gallery, library, crypt, ball, etc.

Burnham Beeches, nr. Maidenhead.—The ancient beeches and oaks, interspersed with hollies and thorn, give evidence of being a gennine remnant of primeval forest. One can walk for hours in an ever-changing succession of sylvan glades without being aware of its smallness in size.

Finsbury Park, formed on the sight of Hornsey Wood.—
Its higher portions command a wide panorama of varied landscape seenery. There is a good lawn-tennis and a cricket ground, also a gymnasium for children.

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Trains leave	A.M.	A.M.	A.M.	A.M.	A.M.	A.M.	A.M.	P.M.	P.M.	P.M.	P.M.	P.M.	P.M. 1	P.M. P.M.
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Croydon, West								1 26	2 46					1 18 12 28
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Cheam			5 42				11 45	1 40	2 59					1 25 12 40
Ewell							11 47		3 2					1 29 12 42
EPSOM TOWN	7 31	7 58	8 49	8 46	10 16	11 21	11 50	1 48	3 10	5 6	6 35	9 10	10 36 1	1 33 12 46

5-point, No. 24, with Ionic Compressed Figures (1234567890), and News Figures (1234567890), cast the thickness of an en quad.

8-point Old Style, No. 2, with Ionic Old Style.

THE AUSTRALIAN COMPANY invite subscriptions for 500 Shares of £1 each, being part of the capital of the company which has been formed to acquire and work an important group of six gold mines situate in the North Murchison property, and the report of an expert declares that it promises to be a good paying concern, and can be recommended.

A.3	1.	A.M.	Α.	м.	A.	м.	A.M.	I A	. М.	A.	M.	P.	м.	P.	м.	P.M.	P.	M.	P.	м.	11.	м.	10.	м.	14.3	M.
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8-point, No. 24, Old Style No. 2, and News Figures (1234567890), with Ionic Compressed Figures (1234567890), and Ionic Old Style Figures (1234567890), cast en quad thickness.

6-point Oid Style, No. 2, with Ionic Oid Style.

MUSIC BUSINESS, busy part of City.
Good teaching connection. Small goods and sheet music; planos could be added. 500 required.
Owner retiring from nusic business.

CIGARS and TOBACCO, near Hackney station. Nicely fitted shop, glass show-cases, etc., and four other rooms. Price £250, and stock at valuation. Ill-health cause for sale.

HOSIERY and DRAPERY, 18 miles out good living apartments; suit lady who understands the business. Price £85, and valuation.

STATIONERY, with Post Office, situate at Brondeshury, splendid position in a crowded thoroughfare. Ali at £450. Same hands four years. Good reason given for leaving.

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6	Mitcham Junction	7 28	8 21				2 38	4 38		8 41	10 8	11 10	1
7	Hackbridge	7 30	8 23				2 40	4 40		8 43	10 10	11 14	
9	Carshalton	7 33	8 ati		11 6	11 34	2 43	4 43			10 13	11 17	12 25
10	Croydon, West	7 36	8 20	10 3	II Q	II 37	2 46	4 46	6 13	8 40	10 16	11 18	12 28
11	Wandon		8 33		11 13	11 41	2 50	4 50		8 53	10 20		12 31
13	Wallington		8 37				2 54	4 54		8 57	10 24		
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15	Cheam												
17	Ewell	7 52	8 45		11 19	11 47	3 2	5 2		9 5	10 32	11 29	12 42
18	EPSOM TOWN	7 56	8 49	10 16	11 21	II 50	3 10	5 6	6 35	9 10	10 36	II 33	12 46
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6-point Old Style, No. 2, with Ionic Old Style Figures (1234567890), cast the thickness of an en quad. ----

5-point Oid Style, No. 2, with 10nic Compressed Figures.

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8-point Cheltenham Bold Compressed figures, with Old Roman figures (en quad body)

DEPRECIATION TABLE.—Showing the number of uses necessary to cover the net cost of all book founts, the depreciation being charged at one halfpenny per thousand ens.

Size of	100,000	Price	Gross Cost	Less 10 per cent.	Less Value of	Net Cost of	Times
Body	ens	per lb.	of Type	Discount	Old Metal	Type	Used
5 6 7 8 9 10 11 12	50 89 121 158 201 248 298 327	s. d. 2 9 1 10 1 4 1 3 1 2 1 1 1 0 0 11	£ s. d. 8 10 6 8 3 2 8 1 4 9 17 6 11 14 6 13 8 8 14 18 0 16 7 3	£ s. d. 0 17 0 0 16 4 0 16 1 0 19 9 1 3 5 1 6 10 1 9 6 1 12 9	£ s. d. 0 15 6 1 2 3 1 10 3 1 19 6 2 10 3 3 2 0 3 14 6 4 9 3	£ s. d. 6 18 0 6 4 7 5 15 0 6 18 3 8 0 10 8 19 10 9 15 8 10 5 3	33 30 28 33 39 43 47 52

6-point Cheltenham Old Style, Old Roman figures and Cheltenham Bold Compressed

 Trains leave
 a.m.
 a.m.
 p.m.
 p.m.
 p.m.

 CHISLEHURST...
 5
 10
 8
 47
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 Sevenoaks

 5
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 38
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 17
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 58

 Dover Town
 ...
 5
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 Folkstone Junc...
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 Ashford Bridge...
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 Wateringbury
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 12
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 29
 3
 18
 5
 18

 Paddock Wood
 7
 10
 9
 26
 11
 59
 3
 3
 6
 41

 Hastings
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 17
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 59
 12

8-point Cheltenham Old Style, Old Roman figures and Cheltenham Bold Compressed

Trains leave	s.	m.	a.	m.				m.
DOVER	6	18	6	25	8	12	10	42
Canterbury E	6	20	7	10	8	30	11	20
Ramsgate		30						30
Margate West.								15
Westgate-on-Sea	6	53	8	34	9	54	1	35
Herne Bay	7	20	8	50	10	16	2	25
Sheerness	7	47	9	32	10	35	2	40
Chatham	7	45	9	56	11	20	2	56
VICTORIA	9	12	11	25	12	15	3	12

6-point Cheltenham Bold, with Cheltenham Bold Italic and Cheltenham Old Style

England's Glory	•••	2s	Lambert		•••	Flesh, satiny-pink centre, a Gloire de Dijon seedling
Etoile de France	•••	1s.6d	Dulcher	•••		Snow White, petals shell shape, opening well, splendid
Eugene Lamesch	***	2s	Fletcher		•••	Orange-red and yellow, splendid form, moderate grower
Florence Holmes	•••	1s.6d	Dickson		•••	Large full imbricated flowers, petals even and smooth
Francis Kruger		2s	Barbier			Coppery-yellow, shaded apricot, large and full, distinct
Frau Ernst Bonig	•••	1s.6d	Lambert		•••	Similar red to Fisher Holmes, very fragrant, brilliant
Gladys Harkness	•••	2s	Dickson	•••	•••	Deep salmon-pink, reflex of petals silver-pink, vigorous
Gloire de Dijon		1s.6d	Jalcotot		•••	A real old friend, one of the most useful of all, vigorous
Gruss an Teplitz	•••	2s	Bennett	•••		Brightest scarlet-crimson, splendid foliage, free-flowering

6-point Cheltenham Old Style, with Cheltenham Bold

BUXTON, Royal Hotel.—First-class Family Hotel. Express Elevator, Central Position. Moderate Terms. Close to Baths and Pump Room. 'Nat. Tel. 0495. Gardens. E. Theobald, Manageress.

CHELTENHAM, Queen's Hotel.—Most Modern and Popular Hotel in the Garden City. Admirably situated. Motor Garage. Repairs. Reasonable Tariff. Thompson Chesters, Proprietor and Manager. EDMONTON, Dukeries Hotel.—Premier Hotel of this delightful district. Five minutes walk from Old Sherwood and the most delightful Forest Scenery in the Kingdom. Mrs. Shepberd, Manageress.

FALMOUTH, Albion Hotel.—Commands splendid uninterrupted views of Falmouth Harbour, Pendennis and St. Mawes Castles. Few minutes walk of Cliffs and Station. Mild in Winter. M. North, Manager.

6-point Cheltenham Old Style, Cheltenham Bold, Cheltenham Bold Expanded and Old Roman figures

COPPER Total (1899)	FINE GOLD Total (1899)	IRON Total (1899)
507,047 Metric Tons	476,714 Kilos	29,135,752 Metric Tons
British Empire 34,507 German Empire 34,625 Japan 21,384 Mexico 39,872 Spain 28,364 United States 87,463	British Empire 85,982 China (98) 25,146 Russia 37,852 South Africa 12,048 United States 27,354 West Africa 40,845	Austria-Hungary 1,237,456 British Empire 5,230,436 France 2,786,453 German Empire 4,312,098 Russia 2,342,618 United States 9,843,743

8-point Cheltenham Wide, with Cheltenham Bold Expanded

The Construction. The driving head consists of a metal block in which the plunger and a powerful main spring are mounted. The case which contains the perforating blade is assembled to the driver, ensuring perfect rigidity.

The Operation. The plunger when at rest is above the height of type, and as the impression is taken, its depression raises the perforating blades to a position in which the cutters are slightly more than type high.

8-point Cheltenham Wide, with Cheltenham Bold

Text Book of Modern Medicine: Useful work of reference for the professional student. Handsome volume, demy 8vo. 1034 pages, half morocco bound, £1 2s.

The Veterinary Vade Mecum: A Manual on the horse and other animals; their treatment and management. Hints on Food. Strongly bound, Crown 8vo, 16s. A Concise English Dictionary: Literary, Scientific, Etmological, Pronouncing. Is based on the latest edition of Ogilvie's Imperial Dictionary. F'cap 4to, 10s.6d.

Chambers' Encyclopædia: A Dictionary of universal knowledge for the people. Fourth edition, with illustrations. Bound in two vols. Royal 8vo, cloth, £1 7s.

8-point Old Roman and Cheltenham Bold figures

		in.	in. in.	ia, in.	£	ß.	d.	in. in.	£	s. d.	£ s.	d.
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6-point Cheltenham Wide, with 6-point and 12-point Cheltenham Bold Expanded

ROYAL HOSPITAL, Gray's Inn Rd. invite tenders from April 21st and for the ensuing twelve months, the following articles:—Milk, Eggs, Butter and Mineral Waters. Printed form of tender may be had on application at the hospital. The Committee do not undertake to accept the lowest or any tender.

ENFIELD, Semi-detached Houses, good gardens, for Sale. Splendid situation. 3 reception rooms, 4 bedrooms, bath room. G.N. station. Price, freehold, £650 each. Small cash payment only necessary. Fred Ingham, Enfield.

MESSRS. FRED ROBINSON & CO.
will sell at their rooms, 23 King Street, on
Thursday, March 4. a collection of Drawings by
Marcland J.Hoppner,R.A. C.Poelemburgh
Ralphael Horemans U.Teniers
Watson Gainsborough
Descriptive catalogue may be had on application.

Chiffon Volles, 4in. wide with embroidered silk spot, light, dainty. For either day or evening wear

Satin de Chine, double-width, a dainty silk in the latest colours

Crepe Meteor, a new silk dyed in exclusive shades for blouse and dress wear. A splendid novelty

Chiffon Tafetta, a rich silk for smart wear in this season's shades

Wool Back Satins in doublewidth, a soft silk and wool fabric in all shades for blouses and gowns

Shantung Silk. Exceptionally good value, dyed in 20 new shades

Wool Satin Cloths, similar in appearance to Wool back Satin, is very fashionable and serviceable. 2/3

5/9

3/4 6/8

4/8

2/5

7/6

6-point Old Roman and Cheltenham Bold figures, with Cheltenham Wide headings

Age	Payable during Life	Limited to 8 payments	Age	Payable during Life	Limited to 8 payments	Age	l'ayable during Life	Limited to 8 payments
21 22 23 24 25 26 27 28 29 30	£ s. d. 1 16 3 1 16 6 1 17 7 1 17 2 1 18 0 1 18 6 1 19 2 1 19 6 2 14 8 2 16 9	£ s. d. 2 10 6 2 11 6 2 12 6 2 12 1 2 12 6 2 13 0 2 13 0 2 13 0 3 14 0 3 15 6	31 32 33 34 35 36 37 38 39 40	£ s. d. 2 2 6 2 3 5 2 4 6 2 5 7 2 6 8 2 7 2 2 8 8 3 1 6 9 3 9 8	£ s. d. 2 16 2 2 17 1 2 18 0 2 19 0 3 12 5 3 14 9 3 17 3 3 18 6 4 10 6	41 42 43 44 45 46 47 48 49 50	£ s. d. 2 16 6 2 18 8 3 10 3 3 13 8 3 15 9 3 18 5 3 11 6 3 14 8 3 19 2 4 12 6	£ s. d. 2 6 2 3 9 3 3 7 4 3 8 5 3 9 6 4 0 7 4 2 8 4 5 9 4 8 0 4 9 1

The Tolorkampton Evening Guzette

MONDAY, DECEMBER 24, 1915

HEROISM AT SEA SUCCOUR OF THE INJURED

Gallant rescues through boiling surf of Fishermen by the Prawle Villagers

COASTGUARDS HELP

For over Five Hundred Yards the whole of the Life-Saving Gear carried by willing hands

262

REMARKABLE SCENES.

(From our own Correspondent)

were startled to hear a steamer's hooter continuously sounding, and a steamer lying saw a flare, which they answered by rockets from the station. The volunteer erew of was made to the wreek with the life-saving reseue comes from the little fishing village of Prawle. Late last night the villagers in from seaward. They heard a siren and A thrilling story of wreek and gallant PLYMOUTH, Thursday Night.

The road was difficult and the horses eould only draw the waggon to within 500

A Scheme of Vital Importance to London is now receiving the attention of the Home Office The Committee, it is reported, have come to the conclusion that London is one of the worst-served cities in the world in the matter of ambulances A scheme, which will involve the setting up of an elaborate ambulance service on the lines recommended by the Departmental Committee appointed by Mr. Gladstone in Dec. ember, 1906, is now receiving the attention of the Home Office. The Committee have completed their inquiries, and their report, which is now in the hands of the Home Scerctary, is to be published almost immediately.

It is understood that the Committee have come to the conclusion that London is one of the worst-served eities in the world in the

THE LAND FOR THE PEOPLE

PUSHING SMALL HOLDINGS SURROUNDING COUNTIES.

society. The most advanced counties were those provided for two and one co-operative villagers were summoned, and all speed that in Lancashire there were 244 applicants A Government return recently issued shows in Wiltshire the applications were 807, and

Type used above: 24, 18, 14, 12, and 8 Point Cheltenham | Type used above: 14, 12, 10, and 8 Point Cheltenham Bold Compressed; also 8 Point, No. 24, solid.

Bold Compressed; also 8 Point, No. 24, solid.

SERIOUS RUMOUR

Troops converging on Constantinople from the surrounding Provinces

HOSTILE FACTIONS

Unsatisfactory Reports from Outlying Provinces. Ushub reported Terrorised by Albanians.

ORDERS TO FLEETS OF THE POWERS

BOMBARDMENT POSSIBLE

Unless Edhim Pasha, the New Minister of War, succeeds in restoring discipline in the army, Turkey will soon be in the throes of a desperate civil war. A "rebel" or "Young Turk" army, of which the Salonika NUMEROUS APPLICANTS IN WILTSHIRE AND Troops form the basis, is now concentrating near Constantinople for the purpose of attacking the capital, conquering the 1st Army Corps, and overthrowing the new Government.

last few years, unmistakeable signs of discontent have been numerous and This rebel army supports the Constantinople Committee of Union for small holdings and that none had been and Progress, and it is believed that the recent change in Government provided for by the county council last year: was brought about by the action of this Committee, whose tremendous power and secreey of action is indeed remarkable. Moreover, during the

Type used above: 30, 18, 14, and 12 Point Cheltenham Bold; also 10 Point, No. 23, 13-Point leaded.

No. 1423

MONDAY, APRIL 1, 1912

ONE HALF-PENNY

THE BUDGET INQUIRY ORDERED

WIDE FEELING OF UNCERTAINTY

TEA AND SUGAR

HEAVY PREMIUM CHARGED BUDGET INSURANCE

by the coming Budget. This rumour is England colliery centre that some form of tax will be placed on the coal trade It is persistently reported in the North of having a serious effect on business

and other expenditure for which they have to the Government's intention as to the additional The uncertainty regarding the Budget and provide is having a serious effect on business.

The tea trade especially is alarmed and the

The Premier announces in Parliament that a Committee presided over by himself will inquire into the

Naval charges

The demand for a full and impartial inquiry into the Navy has at last been conceded. This inquiry it FEAR OF MORE TAXES ON is felt will do much to allay the suspicion and distrist that has for so long been prevalent in many quarters

OMINOUS NEWS

TOWNS AND LIVES IN DANGER

From our own Correspondent

Armed with more than a ton of dynamite the engineering experts were engaged this afternoon in a desperate effort to blast a channel through the twelve

THEATRICAL ITEMS

AN IMPORTANT ANNOUNCEMENT

Liverpool during the last few days have been at the Court Theatre next Sunday evening a play is holders of the Ordinary Shares are entitled to one vote Great interest has been aroused in theatrical and elearances at the bonded stores in London and literary circles by the important announcement that

This Prospectus has been filed with the Registrar of Joint Stock Companies

(Wednesday), the 28th day of April, 1912, and will CLOSE on or before SATURDAY, the 31st day of The SUBSCRIPTION LIST will open TO-MORROW April, 1912, at 4 o'clock for Town and Country

The Parks and Estate Company Limited

(PARENT COMPANY)

CAPITAL - £400,000

DIVIDED INTO

120,000 Seven per cent. Participating Cumulative Preference Shares of

miles of solid ice piled in concentric masses and now 150,000 Ordinary Shares of £1 each £1 each and

Issue at par of 140,000 Ordinary Shares of £1 each

The holders of the Preference Shares are entitled to almost unprecedented. All firms who have tea to be produced by the Revival Company which will for each Ordinary Share held by them, and in the event

The Atternationalitan Daily Advertiser

NO. 2,165

TUESDAY, MARCH 15, 1913

ONE PENNY

Shakespeare's Works

Birthday Celebration

deliver an Address in the Parish Church

STRATFORD-ON-AVON, Thursday.

has promised to deliver in the Parish Church. Already the town is full, but a large influx of the festivities in honour of Shakespeare's birthday which will take place to-morrow is One of the most eagerly awaited features the address which the American Ambassador

The Football Invasion

To-night will commence the great football invasion of London. Thousands of men and boys, to whom the Association Cup Final is will arrive during the morning. The exact partly an excuse for sight seeing in London number of special trains engaged or likely to

Deepest Dock Scheme

A Plymonth Base for Cunarders and Dreadmonghts

as in most other improvements, left to carry out the intention. That such is the case may For some time past the Admiralty have been credited with the intention of building but it seems that private enterprise will be, a base for vessels of the Dreadnought class.

Type used above; 18, 12, 10, and 8 Point Roman Compressed No. 3; also 8 Point, No. 23, solid.

H. W. CASLON AND CO. LTD.

THE ACADEMY

The American Ambassador will MANY GOOD PICTURES BUT "NO SENSATION"

NEXT WEEK'S SHOW

WILL THE DREAM OF A PALACE OF THE ARTS IN THE GREEN PARK EVER BE REALISED?

ACADEMIC CRITICISM

In the Royal Academy Exhibition that opens on Monday face as he rose to answer the question next there is not a single example of a state commission for a about the letter upon the naval panic public building, and the sculpture is, as usual, huddled into which had recently been sent to an again invading one of the picture rooms. Will the dream of the letter, and did he agree that the a Palace of the Arts in the Green Park ever be realised? True, phrase, two Power standard had lost a rotace of the Aries in one orient and evel be requised; all meaning; also had the letter been appearances certainly do not seem to point that way judging sent with his knowledge? These and the so-called lecture room and central hall with a few pieces elector. Had the Prime Minister read from the present indifference manifested in certain quarters, similar questions were the outcome That the need remains is apparent to all who have been in the of the recent agitation, and to which

Type used above: 24, 18, 12, and 6 Point Roman Compressed No. 3; also 11 Point, No. 18, solid. Type used above: 24, 20, 18, 16, and 12 Point Titling, No. 5; also 11 Point, No. 23, 14-Point leaded.

PARLIAMENT PICTURES IN

THE SWANSEA CASE

THE INDIAN BILL

THE LAND QUESTION

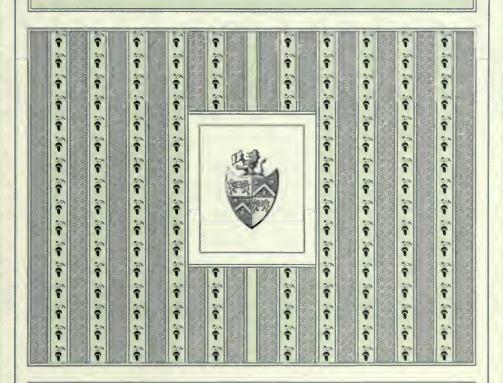
A METROPOLIS SUPPLY PURE MILK BILL

From our Parliamentary Correspondent.

WESTMINSTER, Thursday.

A smile overspread the Premier's

DeVinnes, Latins and Atlas Series



H. W. Caslon & Co. Limited, London, E.C.

RECORD Biographical

8 A 18 a

60-POINT DE VINNE

40 LBS.

ENRICHED Health Resorts

6 A 14 a

54-POINT DE VINNE

34 LBS.

BOHEMIA Modern Exhibits

6 A 16 a

48-POINT DE VINNE

32 LBS.

FURNISHING Desirable Methods

REPRODUCTION Photographic Marvels

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Notify music lovers that they have arranged a short season at the Municipal Opera House commencing on Thursday, 28th October, and ending on Saturday, 9th November. Many of the prominent Continental Artistes appearing in London have been engaged. The repertoire will include Madame Butterfly, Fedora, Carmen, Maritana, and Cavalleria Rusticana

FURTHER PARTICULARS AND PLAN OF SEATS OBTAINABLE AT THE

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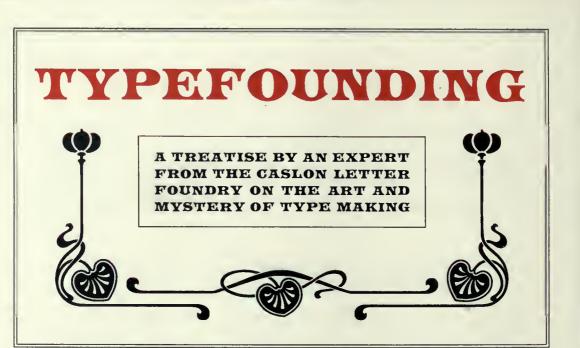
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The word art is applied to so many things that it is very difficult indeed to say shortly what it means, but in the qualified expression Fine Art, its sphere is the beautiful and, leaving out music, we have left only those arts that appeal to our sense of the beautiful in the first instance



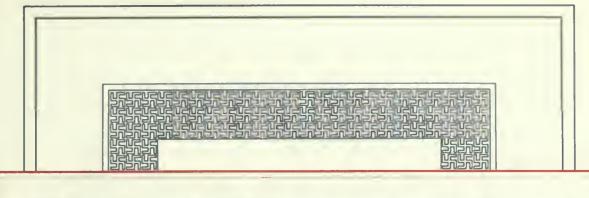


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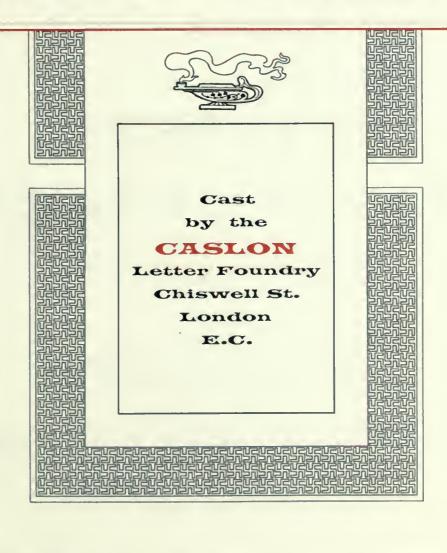
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In proposing the health of the guests the chairman remarked that we are all parochial by instinct and unless we could cultivate successfully among the bulk of our population that imaginative sympathetic insight based on knowledge that was the only solid bond of unity we should deprive ourselves of the greatest of all the bonds which could unite a scattered Empire into one organic whole, and the time might come when some such organization would be found by the members to be absolutely necessary

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PRINTING MACHINE INVENTIONS DURING THE CENTURY Although new methods obtain in press work, and cylinder and platen machines have almost entirely supplanted the hand press which gave currency to the term, it is wortby of note that press work still designates the operation of making ready and taking inked impressions from formes of type or blocks, but beyoud the retention of the term we

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6 A 16 a

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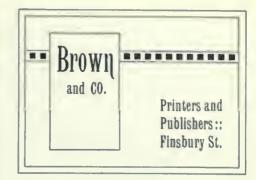
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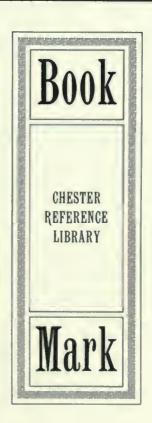
large turnover that we are enabled to out-pace our competitors both in quality and low prices. Samples and prices sent post free on application.

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Possibly in none other section has recent advance in the Art of Printing been more distinct than that which embraces job or book typography in its fine or artistic aspect. In the other spheres of the Art, progress is characterised more by special

36 A 96 a

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10.13

DISTRIBUTION

if regularly done is of greater value to the compositor or employer than if undertaken just

21 A 56 a

18-POINT LATIN ENPANDED, NO. 2

18 T RS

14 A 36 a

24-POINT LATIN EXPANDED, NO. 2

20 LBS

SCIENTIFIC INTEREST Remarkable Discoveries

UNIFORMITY AND CONTRAST IN MODERN WORK

The correct models in illustration of proportion also contains two other principles worth mention, namely, the uniformity of style of the main lines and contrast produced by the different character of the remainder. These are two of the most pleasing, as well as most important traits in modern display, to say uniformity is enhanced by contrast in an individual job appears somewhat paradoxical, although in reality it is not so.

51 A 136 a

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Photographic Inventions Introduced into Printing

14 A 36 a

EXPERIENCE GAINED

with intelligent study and close attention to business is one of the chief factors to success, and the printer who has adopted modern ideas and appliances is far and away ahead of those competitors who have not

30 A 80 a

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PRINTERS' GUILD EXHIBITION

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The Guild of Printers has recently held their interesting exhibition of high grade printing. Amongst the exhibits were several specimens of old prints and engravings, and the entire collection formed a pleasing and instructive display of the art. A number of prizes were given to those members of the Guild whose productions were considered most

45 A 120 a

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14-POINT JENSON

14 LBS.

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38 A 118 a

10-POINT JENSON

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46 A 142 a

8-POINT JENSON

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EMIGRATION CONFERENCE
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FORTHCOMING EXAMINATIONS

Departmental Inspectors Receive Applications

Particulars from the Secretary

Great Autumn SALE

URING the month of October next I purpose holding a Great Sale on my

and hereby ext invitation to th Southwold and visit of inspect Bargains in ev obtainable for i to my unsold st I have secured Bankrupt Stoe Bristol drapers intend offering same at 25 per usual prices. A will be marked prominent figu and any article the windows if

I should advise my Customers not to let this opportunity slip for securing Genuine Bargains an opportunity which may not occur again to the inhabitants of Southwold. If desired I shall be pleased to forward goods to the value of £2 and upwards to any address in the Kingdom.

John Hind

246 The Parade Southwold

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Boarding Establishment

You will enjoy Westbourne

If you stay at the "Pandora." It has absolutely the finest situation in this most delightful watering place

ge of the cliff d bandstands sea views are om all rooms routine of the the pleasures estbourne. In the cuisine is comparable.

The oldest established Hand Laundry in North London #

Clear Stream Laundry Bridge Road South Hornsey

Kindly ask our Carmen for a Price List and Prospectus Ø Ø

> 56 PORTSDOWN ROAD BARNSBURY

NOTICE OF REMOVAL

The Directors of the Urban District Gas Company beg to notify Consumers that their Head Offices will be transferred to

38 MARINE GARDENS HIGHGATE

on 25th November next. (I, An excellent collection of Cooking Ranges will be on view of which an inspection is solicited.

EXTRACT FROM THE RECORD OF SCIENCE

From observation of the brightness of certain of these minor planets by means of a photometer, we find two sections of light, and this leads us to the theory that the is due to their differe LOCAL CENTRES APPROVED

38 A 104 a 18-POINT FRENCH ANTIQUE 18 LES.

PHENOMENA FOR OBSERVATI

In compiling a report of the moprominent astronomical events tare to be expected, we refer simp to phenomena as may be definite predicted as there are many obje for observation which are incapa of being exactly precomputed a announced. This relates to certa comets and meteor showers, and

the outburst of temporary obscured bodies such as that which occurred in the famous nebula of Andromeda. Though incidents of this nature are

53 A 154 a 10-point French Antique 10 l.bs.

THE CASLON FOUNDRY

LONDON . E.C.

FRENCH ANTIQUE

IN FIVE SIZES

INTERESTING ASTRONOMICAL PAPERS ON IMPORTANT PLANETS AND COMETS

Mercury may be observed under ordinary circumstances at the end of the month or the second week in March; the planet will be shining brighter than stars of the first

agnitude, twinkling most perceptibly id the vapours circulating near to the orizon, and intending observers should ok towards the western horizon about hour or more after sunset, and there is ery probability that they may succeed detecting the object, and at the latter rt of June it again emerges into view an evening star. For a week or more the middle of the month and again at e beginning of December, the planet is

60 A 168 a 8-POINT FRENCH ANTIQUE 8 LBS.

PINIONS REGARDING AGNETISM THEORIES

nsidering the amount of curacy which is expected in assuming values for the magnetic deviation at any place and time, we cannot do better than repeat what the directors at the famous Meteorological Department say, that at any particular place in England at which magnetic observations are

41 A 120 a 12-POINT FRENCH ANTIQUE 1:

Of recent years much has been

done in the way of extending nniversity teaching, and both

Oxford and Cambridge are now

holding periodically what are

termed local examinations for students who are prepared at

reliable training schools, and

the certificates granted to the

successful candidates are now accepted in different branches

of business and the professions as equivalent to guarantees of

competency. The University of

London, too, has also arranged a definite scheme, which now

is in operation, for inspection

and examination of particular schools other than primary, to

6-POINT FRENCH ANTIQUE

70 A 190 a



ANTIQUE No. 4

A STANDARD SERIES FOR ADVERTISEMENT AND GENERAL WORK

An improved Antique face possessing legible features and fine wearing qualities. Manufactured to point line bodies in twelve sizes from six point up to sixty point

H. W. CASLON & CO.

Limited: Letter Founders: Established 1720.

82 & 83 CHISWELL STREET, LONDON



DESIGNER Useful Scheme

6 A 16 a

48-POINT ANTIQUE No. 4

32 LBS.

NEIGHBOURS Moderate Demand

8 A 20 a

42-POINT ANTIQUE NO. 4

30 LBS.

UNDERSIGNED Surprising Alteration

9 A 24 a

36-POINT ANTIQUE NO. 4

27 LBS.

RECONSIDERING Educational Curtailment

12 A 32 a

30-POINT ANTIQUE NO.

25 LBS.

MODERN RESIDENCE Important Riverside Position

ORNAMENT INTRODUCED Remarkable Transformation Scenes Unobtrusive Characteristic

25 A 75 a

18-POINT ANTIQUE NO. 4

18 LBS.

INTERESTING BUCKINGHAMSHIRE Handsome Leasehold Properties Advantageously Situated amidst Charming Scenery

32 A 95 a

14-POINT ANTIQUE NO. 4

14 1.168.

HARMONIOUS INTRODUCTION CONSIDERED Distinguished Masterpiece Reproduced for Popular Magazines Numerous Dramatic Characters Entertained

38 A 110 a

12-POINT ANTIQUE NO. 4

12 1.08.

REMARKABLE HISTORIC MANUSCRIPT DISCOVERY

Translations from Ancient Documents have Undoubtedly Strengthened Existing Knowledge and Supplemented Literature

34 A 134 a

10-POINT ANTIQUE No. 4

10 1.88.

ALTHOUGH UNFORTUNATELY SURPRISINGLY NEGLECTED

Plain Type Skilfully Displayed Exhibits Remarkable Sumptiousness and Unquestionable Beauty notwithstanding the Prevalence of Decorative Effort

54 A 164 a

8-POINT ANTIQUE NO. 4

8 1.168.

ADVERTISERS HAVE ESTABLISHED CONVICTIONS REGARDING LEGIBILITY

Naturally Based upon Exceptionally Broad Experiences Extending Through the Present Remarkable Revival
Against the Time Honoured Custom of Promiscuous Mixture of Type Faces

70 A 214 a

6-POINT ANTIQUE NO. 4

6 LHS.

FROM PRACTICAL AND THEORETICAL VIEWS COMPLEXITY IN PRINTED MATTER SHOULD BE AVOIDED

Unquestionably True Remains the Statement that Judiciously Displayed Good Plain Type undoubtedly has a more Sumptuous Effect than Many Elaborately Ornamented Letters which Curiously Swayed Numerous and Intelligent Clients

H. W. CASLON & CO. LTD.

87 & 85 CHISWELL ST., LONDON, E. C.

THE UNIVERSAL POPULARITY OF THE STYLES OF THE SEVENTEENTH AND EIGHTEENTH CENTURIES FOR HOME FURNISHING HAVE ENCOURAGED US TO REPRODUCE MANY DESIGNS BY MASTER CABINET MAKERS OF THE PERIODS NOVEL Designs in Antique FURNISHING AND THE PERIODS OF THE

IONIC No.2



Ionic types are recognised by most printers as useful display letters for general typography and especially where a plain bold style is essential. Their range of utility covers a wide field and although Ionic No. 2 has now been produced a number of years it retains much of its old popularity. Manufactured in fourteen sizes from five to seventytwo point, in hard metals. AND THE SIX POINT ANTIQUE NUMBER THREE



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82 and 83 Chiswell Street, London, E.C.

CHESHIRE Agriculture

6A 14a

60-POINT IONIC, NO. 2

40 LBS.

FURNITURE Superb Design

8A 18a

48 DOINT IONIC NO 2

30 LBS.

MODERN REFORM Debate in Parliament

9A 24:

36-POINT IONIC, No. 2

25 LBS

NORTHERN INSTITUTE Metropolitan Polytechnic 14 A 36 a

30-POINT IONIC, NO. 2

25 LBS

INTERESTING Science Lectures

15 A 40 a

24-POINT IONIC, No. 2

20 LBS.

STRICT METHOD Educational System

17 A 46 a

24-POINT IONIC, NO. 2 (SMALL FACE)

20 1.18

BRITISH MUSEUMS Curios and Antiquities

24 A 64 a

18-POINT IONIC, NO. 2

18 LB

PRINTING EXHIBITION Pronounced advancement in several branches of the trade

34 A 88 a

12-POINT IONIC, NO. 2

12 LBS.

HISTORIC MARINE INVENTIONS The progress of steamship propulsion during the last century consisted of a series of triumphant marches, for the 51 A 135 a 10 POINT TONIC, NO 2

FAMOUS UNIVERSITIES
During the early portion of
the sixteenth century these
noted universities received
an authentic charter while

56 A 138 a 9-POINT IONIC, NO. 2

9 LBS.

10 (185

INSURANCE COMPARISONS There is hardly a contingency which may not be provided for with policies of insurance, and the principal events which we

51 A 144 a 8-POINT IONIC, NO. 2

RECENT SCIENTIFIC THEORY The atomic theory of Dalton that matter, even the hardest, consists of countless molecules in constant motion has been recently defended by well-known scientists in many

68 A 168 a 6-POINT IONIC, NO. 2 6 LIS

PROMINENT MINERAL INDUSTRIES
The nations in which metailurgical skill
is most advanced are the strongest. The
instinct of self-preservation and not the
feeling of vainglory explains why relative
progress of nations in the metallic trades
is a subject of intense and never-stacking

75 A 200 a 5-POINT IONIC, NO. 2 5 LIBS.

GEOGRAPHICAL DIVISION AND COMMERCE

The second division is conveniently designated as the cotton belt, comprising all that conntry south of the thirty-seventh parallel of lattinde, and extending westerly as far as the boundary of Texas. This whole territory is dependent on cotton culture for its prosperity. North of this locality lying between the boundary of Kansas

56 A 150 a

6-POINT ANTIQUE, No. 3

6 1.18

PHOTOGRAPHIC IMPROVEMENT A BENEFIT TO ASTRONOMERS

A iceturer recently stated before the Royal Institution that dry-plate photography had progressed far heyond anything that was expected of it, and he also explained that it was the most potent agent of research and record that has heen ntilised hy astronomers, as their records will not be the written impression of dead men's views, hat images of the various objects of the heavens as recorded hy themselves. M. Henry, of Paris, succeeded in photographing the group of stars known as the Picides, shewing a nehnia of spiral form, which had never hefore heen bronght under the ken of the human eye, and M. Pani and others have heen successful in photographing a portion of the Milky Way. These



MOTORS



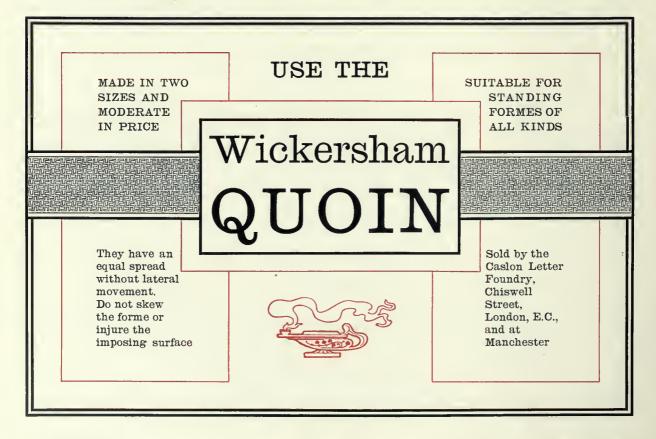
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and
general use in
Commercial

PRINTING



CASLONS FOUNDRY
HAS BEEN FAMOUS
FOR THE DURABLE
PROPERTIES OF ITS
TYPE FOR NEARLY
TWO CENTURIES...

IONIC Compressed Series

A MOST EFFECTIVE MEDIUM FACE TYPE

CAST ENTIRELY ON THE POINT SYSTEM IN ELEVEN FOUNTS FROM 72 TO 6 POINT

MANUFACTURED BY THE CASLON LETTER FOUNDRY CHISWELL ST., LONDON, E.C.

BIRMINGHAM Church Recital

48-POINT IONIC COMPRESSED

34 LBS.

RICHMOND INSTITUTE Educational Advantages

CABINETS

MADE IN ASH, WITH ANTIQUE FINISH.

Designed specially for keeping Specimens of Printing. Drawers are made in two depths, 21 in. and 5 in. The Cabinet is fitted with a lock and key which secures all drawers. The No. 1 Cabinet is of a convenient height for placing on it a letter copying press. These Cabinets are handsomely made, and are an ornament to any office. The preservation and classification of specimens in these Cabinets enables customers to decide what they want quickly, and in many instances suggest other requirements and ideas. A Specimen Cabinet is as necessary a part of the printing office outfit as is a catalogue to a type foundry.

No. 1 Cabinet contains eight drawers, price

 $\pounds 3$ 10s.0d.

36-POINT IONIC COMPRESSED

CHESTER EVENING MERCURY **Enormous Provincial Circulation**

MANCHESTER ENTERPRISE Beneficial Schemes Introduced without increased expenditure

21 A 56 a

24-POINT IONIC COMPRESSED

20 1.15

HUNTINGDONSHIRE

Valuable Mansion for immediate disposal in Agricultural locality

32 A 86 a

18-POINT IONIC COMPRESSED

18 LBS

EDINBURGH EXCURSIONS

During the month of June
frequent excursions will be
run from Euston and Kings

45 A 120 a

12-POINT IONIC COMPRESSED

12 LIE

PROPOSED BRITISH EXHIBITION

A Meeting to consider the advisability of holding the above project was held on Tuesday evening, when suggestions were submitted by several persons and sub-committees formed to carry out all 53 A 140 a 10-POINT IONIC COMPRESSED 10 LIIS,

CONDITIONS GOVERNING STYLE
The development of style is noticed
more in architecture than in other
branches of art, for the reason that
although the other arts are more or
less imitative, architecture is more

53 A 140 a 9-POINT TONIC COMPRESSED

D 94.88.

REGISTER PRINTING PROBLEM

In these days of colour work, where one colour must accurately register on the previous impressions, it is of importance that the paper shall not stretch or shrink before the work is

71 A 188 a 8-POINT TONIC COMPRESSED

ELECTRICITY IN MACHINE DEPARTMENT

The readiness of smooth calendered papers to pick up electrical charges is astonishing, and the slightest friction, bending or pressure, will frequently develop in it an electrical pressure of thousands of volts, which will display itself in a variety of contradictory ways, as trifling

71 A 188 a 6-POINT IONIC COMPRESSED

SFD 6 LBS,

A TECHNICAL TRAINING FOR CRAFTSMEN With the object of encouraging those who desire to devote some of their time to improvement as craftsmen, the attached scheme is submitted to assist compositors to take full advantage of this opportunity. The demand for finished workmen is keener than ever, and the all-round craftsmen

9 A 24 a

60-POINT IONIC COMPRESSED, No. 2

40 LBS.

HINDEN COUNCIL November Election

9 A 24 a

48-POINT IONIC COMPRESSED, No. 2

30 LBS.

MEMBERS BENEFITS Sound Insurance with munificent advantages

12 A 32 a

36-POINT IONIC COMPRESSED, No. 2

24 LBS.

ENTERPRISE ENCOURAGED
Valuable Government Grants
University awards increased

MANCHESTER AND BIRMINGHAM

An increased Passenger Train Service between above towns now established

26 A, 68 a

24-POINT IONIC COMPRESSED, No. 2

20 LBS.

METROPOLITAN FURNISHING CORPORATION

Manufacturers and importers of requirements for household furnishings, catalogue on application

32 A, 86 a

18-POINT IONIC COMPRESSED, NO. 2

18 L18.

IMPERIAL SERVICE FOR STUDENTS OF MEDICINE

An Examination for the appointment of twenty-eight physicians in the Indian and Colonial Medical Service

45 A, 120 a

12-POINT IONIC COMPRESSED, NO. 2

12 LBS.

MERITORIOUS INVENTION REVOLUTIONISES MARINE SALVAGE WORK

The Hydroscope bids fair to revolutionise the salvage or recovery of injured and sunken ships. Of the vessels wrecked or damaged on the British coast alone, which, according to Board of Trade returns average three thousand

59 A, 156 a

10-POINT TONIC COMPRESSED, NO. 2

10 LIB

FINANCIAL SPECULATION ON THE STOCK EXCHANGE AND COMMERCIAL PROSPERITY

Stock Markets on Saturday were in rather an improved condition, accordingly a desire was manifested on the part of speculators to enter into extensive commitments, but as little or no support was forthcoming in the way of new business, prices in most sections manifested a downward tendency. Here and there a little profit-taking was noticeable, and in different

FURNISHER

12 A

18-POINT IONIC EXPANDED

10 LBS.

RECONSTRUCTIV

24 A

12-POINT IONIC EXPANDED

8 LBS.

MANCHESTER CHAMBE

20 A

12-POINT HONIC EXPANDED, NO. 2

6 LBS.

DESIGNERS

27 A

10-POINT IONIC EXPANDED, NO. 2

5 LBS.

PICTURESQUE BUCKINGHAM

33 A

8-POINT IONIC EXPANDED, NO. 2

4 LBS.

PROMINENT WINTER INDUSTRIES

48 A

6-POINT IONIC EXPANDED, NO. 2

3 LBS.

INTERESTING SEAFORTH REMINISCENCE

42 A

5-POINT IONIC ENPANDED, NO. 2

2 LBS.

THESE WONDERFUL CONTRIVANCES DEMONSTRATED

30 A

10-POINT IONIC EXPANDED

6 LBS.

HUMOUROUS ANECDOTES

36 A

8-POINT IONIC EXPANDED

5 LBS.

CHELTENHAM DESERVED RECOGNITION

51 A

6-POINT IONIC EXPANDED

HARMONISING RESIDENTIAL EASTBOURNE SCENERY

48 A

6-POINT FONIC EXPANDED (SMALL FACE)

3 LBS.

BEAUTIFUL EMBROIDERIES MANUFACTURED MOST EXCLUSIVELY

H. W. CASLON & CO. LTD.

82 & 85 CHISWELL ST., LONDON, E. C.

314

of Blacks, Texts, St. John, St. John Expanded, Anglo-Saxon, Ecclesiastic, etc., manufactured by H. IU. Caslon and Company, Utd.



The Caslon Netter Foundry:: London, E.C. Established by William Caslon during the reign of George E.

Douglas Public Library and Technical Institute

5 A, 20 a

36-POINT OLD BLACE

14 T RS

Parliamentary power was granted the Star Chamber to seize all unlicensed books and to apprehend authors, printers, and persons in their employment

9 a. 48 A

18-POINT OLD BLACK

SIDS

It shall now be enacted that the Dayor, Sheriffs, and all other foremost officers of the town corporate, whose right to confer in council has been decided by a goodly majority of citizens, be the authorities constituted for the preservation of order and also to duly

12 1 64

12-POINT OLD BLACK

6 1 BS

Kingsley knew that the student who had been introduced to this particular subject had unfailing resource within himself, and was never at a loss for means to fill up the time that might otherwise be spent in worthless occupation, and we consider that this work on Pature Study is the most lucid that has been published in recent

14 A, 68 a

11-POINT OLD BLACK

5 LB

Ainder this final Agreement referred to in the prospectus, the Aendors have agreed to sell the Estates to the Company for the sum of ten thousand pounds, half in eash and the remainder in fully paid up shares of the Company, part of the purchase price being in respect of goodwill, the Aendors also have the right to subscribe and have allotted to them or their nominees at par, three thousand shares of the Company or any part thereof, such right to be allowed them until the expiration of their interest

14 A, 72 a

10-POINT OLD BLACK

4 LBS.

These Sothic characters employed by the inventors of printing are imitated from the writings of monastic scribes

8 A, 36 a

24-POINT OLD BLACK

10 LBS



William Caslon mas born at balce Dwen in the Shropshire Districe more than the centucics ago. Dis first occupation was that of an engravec, but others who noticed the great ability be displayed asked him to persebece with the art of letter tutting. Amongst the many type faces designed by him is the Blatk secies on this page. and which often bas been praised for its faithful following of the traditional DID English letters by that ancient printer, Whynkyn de Worde The artistic design and quaint features of this Black letter are very effective in old style job work. At is interesting to note that this type was much used for classic or religious book work about the middle of the eighteenth century, and that the series here shown is cast from these same punches made by TH. Caslon



3 1 8 5

54-POINT BLACK, NO. 2

16 LBS.

Demonstrate

5 A. 24 a

20 DOLLE BLACK NO.

2100

Westminster Guardian

9A, 44 a

18-POINT BLACK, NO. 2

8 LBS.

Provided that nothing contained in this Act shall be considered as Condonation

12 A, 64 a

14-POINT BLACK, NO. 2

7 LBS,

The positive splendour of the poetic fame of John Milton has obscured in some degree the extent of

14 A, 72 a

12-POINT BLACK, NO. 2

6 LBS,

UAhereas by virtue of these two Acts of Parliament made and passed during the reign of her late Majesty

14 A, 68 a

10-POINT BLACK, NO. 2

4 LBS.

The Bank of England was the first Joint-Stock Bank established in this country, and having exclusive privileges in the Metropolis

20 A. 104 a

8-POINT BLACK, NO. 2

3 LBS

Afrom the knowledge we possess of the period that preceded the commencement of connected history in Endia we are indebted to the sacred books of the Hindoos, the accounts of Greek and Chinese writers, the records of inscriptions and coins, and

17 A, 88 a

H. W. CASLON & CO. LTO.

6-POINT BLACK, NO. 2

2 LBS.

Expension be Exoche was the most beilliant, as he was the most prolific. English peinter of the lifteenth century. Enheriting some of his master's matrices, he cut a large number of new lettices for himself, and appears in the execution of these founts to have perfected the manual processes of the manufacture, so as to leave no doubt that his types were produced in true adjustable moulds and impressed with hardened punches

3 4.8 a

48 POINT ORIGINAL BLACK

20 1185

Royal Order

8 A. 40 a

18-POINT ORIGINAL BLACK

10 LBS.

Important Announcement Science Vectures at the Guildhall Monday Evenings

3 A. 16 a

36-POINT ORIGINAL BLACK

16 L18s.

English Pistory Tower of London

6 A. 30 a

24 POINT ORIGINAL BLACK

12 1.88.

Maymarket Theatre Montrose Dramatic Society Entertainments

5 A. 20 a

20 march Opinical Reach

14 LBS

Wotices for January

3 A. 16 a

48-POINT BLACK NO 4

22 LBS.

Antique Document

8 A, 36 a

24-POINT BLACK, No. 4

10 LBS.

Glasgow University Examinations

8 A, 40 a

24-POINT BLACK, No. 4 (Small Face)

10 LRS

Sound Metropolitan Corporation Enterprise

9 A. 48 a

18-POINT BLACK, NO. 4.

8 LBS.

Meritorious Production in English Literature

3 A. 16 a

42-POINT BLACK, NO. 4

6 LBS.

Newfoundland Exports

5 A, 24 a

36-POINT BLACK, No. 4

15 LBS.

Brighton Insurance Company

11 A, 56 a

14-POINT BLACK, NO. 4

7 TRS

Hampshire Guardian and Midland Counties' Recorder Splendid Advertising Medium with large Circulation

14 A, 68 a

12-POINT BLACK, NO. 4

6 L88

Encyclopædia of Universal Knowledge containing unmerous Photographs and Special Contributions by Eminent Writers

14 A, 68 a

10-POINT BLACK, No. 4

4 LBS.

Biographical References and Personal Reminiscences of Distinguished Scientists and Philosophers with Records of their Great Achievements

8 A, 40 a

30-POINT BLACK, NO. 4

12 LBS.

Permanent Colonial Manufactures

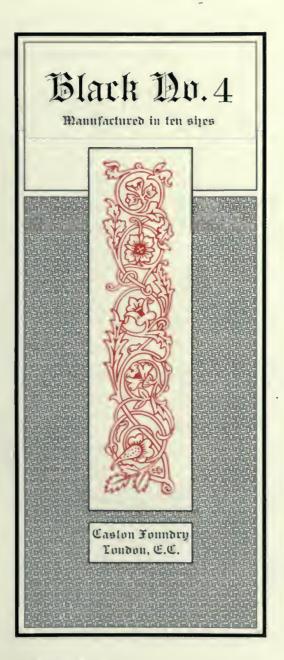


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Books must be returned to the Lending Department within Ten Days. Borrowers are held responsible for the good condition of all volumes in their charge

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Seymons

preached by

Rev. J. Gand, M. H.

A volume containing the complete series of Sermons preached at The Ingleton Parish Church by the Dean during seven years of office, commencing on December 24th, 1835



Religious Tract Society Mauchester 3 1 8 2

72-POINT ANGLO-SANON

25 1 RS

Denominational

6 A, 28 a

36-POINT ANGLO-SANON

15 LBS.

ntiques

Birmingham Welesleyan Conference

9 A, 44 a

24-POINT ANGLO-SANON

10 LBS

Important Medical Researches Advantageous Radium Qualities

12 A, 64 a

18-POINT ANGLO-SAXON

8 LBS.

London Suburban Insurance Company Substantial Capital and Reserve Funds

5 A. 20 a

48-POINT ANGLO-SAXON

20 LBS

Representation

14 A, 76 a

12-POINT ANGLO-SAXON

6 LBS.

Yandsome Decorations in Worcester Cathedral Contributions Welcomed to Benovation Jund

19 A, 100 a

10-POINT ANGLO-SAXON

5 LRS

Selection of Photographs and Engravings of Celebrated Men With Biographies giving Striking Jucidents in their Careers

23 A, 120 a

8-POINT ANGLO-SANON

4 LBS.

Notable Improvements in Agricultural Machinery Demonstrated at Olympia Exhibition of Mechanical and Electrical Appliances utilized in the Colonies

8 A. 36 a

30-point Anglo-Sano

, 12 LBS.

The

Old Curiosity Shop

Blackfriars

Bournemouth Pramatic Society Performance

3 A, 12 a

60-POINT ANGLO-SAXON

20 LBS.

Richmond Guardian

H. W. CASLON & CO. LTO.

82 & 83 CHISWELL ST., LONGON, E. C.

3 A. 12 a

(O-POINT OPEN ANGLO-SANON, NO.,

20 LHS

Morning Courier

8 A, 36 a

30-POINT OPEN ANGLO-SANON, NO. 2

12 LBS.

International Trade Conferences Extraordinary Resolutions

3 A. 8 a

72-POINT OPEN ANGLO-SANON, NO. .

25 LBS.

Advertisement

6 A. 28 a

36-POINT OPEN ANGLO-SANON NO 2

15 J.BS.

Dedicated by Permission Corporation of York

5 A, 20 a

48-POINT OPEN ANGLO-SAXON, NO. 2

20 LBS.

Fistorical Memorials Truro Cathedral

5 A. 18 a

42-POINT EXPANDED BLACK

20 LBS

Steam Traction

5 A. 18 a

36-POINT EXPANDED BLACK

15 t pe

Richmond Scenery

6 A. 28 a

24-POINT EXPANDED BLACK

0 LBS.

Munificent Subscriptions for Elementary Research

8 A, 32 a

24-POINT EXPANDED BLACK (Small Face)

10 LBS.

Manchester Royal Infirmary Grand Improvement Schemes

9A, 42a

18-POINT EXPANDED BLACK

8 LBS

Caster Services and Organ Recital at Wolverhampton Barish Church

11 A, 52 a

14-POINT ENPANDED BLACK

7 LBS.

Notice is hereby given that Special Meetings of the Worshipful Company of Brinters will

14 A, 66 a

12-POINT EXPANDED BLACK

6.100

The Chartered Accountants' Institute Examination for England and Wales is held on November Tenth

15 A, 80 a

10-POINT EXPANDED BLACK

5 LBS.

Of all branches of art and knowledge Music is the one most generally cultivated for its own sake, and Music lovers find that the higher their musical ability is the greater enjoyment

Rostron Bros.

Spring Season has arrived and will be on view in the windows in the course of a few days. Saving bought the finest range of Fashionable material on the market in large quantities they are in a position to offer their goods at low prices

Fortman Hquare, London, IV.



University Lectures

Series of Ewelve Lectures on Science and Literature will be held by Frof. Blackie every Monday evening during the Winter Session at the Kensington Technical Institute. Students requiring set of tickets for the course of Lectures can obtain same from the Frincipal. Prospectus and full particulars on application

25 LBS.

Historic Manual

Educational Advances Prize Distribution

6 A 28 a

Splendid Architectural Drawing Metropolitan Water Board

12 A 64 a

Increased Production Expenses Reduced

15 A 80 a

14-POINT ST. JOHN

Stock Exchange Investment Corporation Securities

Hornsey Constitutional Association

Delightful Country Excursion

Manchester Dramatic Society Performance Hospital Saturday Fund Benefits

12-POEST ST. JOHN

20 A 104 a

10-POINT ST. TOHN

5 LBS.

24 A 128 a

17 A 84 a

8-POINT ST. JOHN

4 LBS.

6 LBS.

British Museum Authorities Finance Expedition Ancient Grecian Antiquities Discovered

The International Arbitration League Conference Summoned Extraordinary Resolutions Unanimously Passed

European Missionary Society

London Offices: 59 Paradise Court, St. Marylebone.

3

Twelfth Grand Twelfth Grand

Lace Exhibition

prepiententantentantente To be held at nientantentantentantenta

Portland Rooms, Cambridge Circus, N.E. Wednesday & Thursday, May 19th & 20th

BEAUTIFUL Specimens of Hand-made Lace from Ireland, Wales, Scotland, Belgium, and Holland, will be exhibited at the Stalls presided over by titled Ladies, and several of the prominent West-end Drapery Firms will show their choicest wares. The proceeds will be devoted entirely to the Missionary Party starting for China in August

Application for Tickets should be made at once to the London Secretaries of the Society, who will be pleased to supply full information to those interested.

60-POINT ST. JOHN EXPANDED

Excursions

Quaint Design

Ulinchester Hospital Opening Remarks

Horticultural Experience Manor House Estate

6 A 30 a 24-POINT ST. JOHN ENPANDED

9 A 44 a 18-point St. John Enpanded

Manufactures Encouraged

Quarterly Reports Municipalities

12 A 64 a 14-POINT ST. JOHN ENPANDED

Superb Winter Gardens Varied Amusement

12 A 60 a 12-POINT ST. JOHN EXPANDED 6 LBS.

Premier Insurance Company **Dumerous Claims Paid**

14 A 72 a 10-POINT ST. JOHN ENPANDED

Grand Orchestral Performances **Newport Corporation Band**

18 A 92 a 8-POINT ST. JOHN ENPANDED

Metropolitan Hospital Fund Contributions Donations Gratefully Acknowledged

St. Alban's Church

North Kensington.



The Churchwardens and District Visitors beg to inform Parishioners that arrangements for the

Sale of Work

by Members of the Benevolent Guild

to be held in the Church Grounds on Thursday and Friday next, 9th and 10th August, are now completed, and they confidently hope the £1,940 so urgently required for the Church Extension Fund will by this means be realised. An early application for Tickets to the Hon. Secretary of the Fund, Mr. Robert Underwood, is requested

The Grand Opening Geremony on Thursday will be performed by

Lady Mary Hobart

Prices of Admission:

From 2 to 4 p.m. 2/6

From 4 to 8 p.m. 1/6

12 rom 8 to 10 p.m. 9d.

6 A 32 a 30-POINT ECCLESIASTIC

Buth Cuthegung

8 A 40 a 24-POINT ECCLESIASTIC 10 LB

Trinity Sunday Psalms for the Day

12 A 60 a 18-POINT ECCLESIASTIC 8 LBs

Stainer's Crucilixion Antiques from Rachester

14 A 72 a 12-POINT ECCLESIASTIC 6 LI

Qessinh by Handel The Works Chayal Society

12 A 64 a 10-POINT ECCLESIASTIC 4 LBS

Acclesiustic Ooctrines Anfettered Religious Fiberty

Church of Saint Andrew.

Faster # Sunday

Cyand Qusiqui Tystical

Sunday Evening, Qar. 4
At Soven o'clack.

Prenchen: Canon Mebsten.

6 A 30 :

42-POINT TEUTON TEXT

15 1 DC

Superb Pecaratian

8 A 40 a

24-POINT TEUTON TEXT

8 LBS

Caston Cetter Foundry Mathias Cemperance Societies

6 A 32 a

36-POINT TEUTON TEXT

12 LBS

Masaie Cablets Walton District Conneil

6 A 32 a 4-LINE PICA ELONGATED ANGLO-SAXON 15

Australian Colonies

6 A 28 a 2-LINE DBLE, PICA ELONGATED ANGLO-SAXON 12 LBS.

Pritish & Foneign Artists

8 A 40 a 2-Line Gt. Primer Elongated Anglo-Sanon 10 lbs.

Şailing ¶lub Kegattaş Hrintçrs' Managers' Association

9 A 44 a 2-LINE ENGLISH ELONGATED ANGLO-SANON 9 LBS.

Condensed but Readable

fetropolitan forough fagistrates

Specimen Pages

Scripts, Rondes, Quill Pen,
Teuton Italic, Columbian Italic,
Typewriter, Scribble,
Engraver's Italic, Plantagenet,
Belgravia, Kenilworth,

Manufactured by the Caston Letter Foundry

Modernised Production Choicest Features Embodied

6 A 28 a

36-POINT EMPIRE SCRIP

15 LBS.

Mathematical Precision Enhanced Improved Taste in Modern Typography Professional Notifications

9 A 48 a

24-POINT EMPIRE SCRIPT

12 LBS

Enhanced Methods Greatly Improve Production
Businesslike Printing with this Commendable Design
Delightful Uniformity Throughout

12 A 60 a

18-POINT EMPIRE SCRIPT

10 100

Ideal Design for Society Reception and Wedding Invitations

You are invited to a Meeting of the Church Extension Societies convened

to discuss the means of raising an Indigent Fund

21 A 108 a

12-POINT EMPIRE SCRIPT

8 LBS

The Design is assentially modern and reflects the best current practice in Genmanship The technical excellence of the letter is manifest and it will stand more wear than the majority of Scripts Admiration Elicited from Fastidious and Discriminating Patrons

Auster J. Balfour 245 Beresford Mansions. Regents Fack. The Managing Committee Farnborough High School for Girls request the pleasure of your Company to a representation of a Popular Musical Comedy performed entirely by the Senier Class Students During the evening the Prizes gained for general Proficiency will be distributed by Lady Desboro Hon. Mrs. Pankhurst. By our method of casting Scripts on slanting bodies there are no overhang-ing sorts whatever, and breakages are consequently impossible. Hotel Westminster, Rochester Row. Bunbury

Portsmouth Naval Institute Modern Decorative Art Exhibits

6 A 32 a

TWO-LINE GREAT PRIMER SCRIPT NO. 3

15 LBS.

Sound British Commercial Education Newcastle and Gateshead Mercantile Bureaus

9 A 48 a

TWO-LINE ENGLISH SCRIPT NO. 3

15 LBS.

New Combined Railway and Steambout Excursion

Great Southern Railway Easter Holiday Arrangements

Sourist and Fortnightly Tickets Issued

15 A 80 a

DOUBLE PICA SCRIPT No. 3

15 LBS.

Putent Scientific Dressmaking Association of Birmingham Unique Display of Novel Costumes designed in London and Puris Exhibited at the Offices September 29th and 30th

15 A 80 a

GREAT PRIMER SCRIPT NO. 3

10 LBS.

The Committee of the Domestic Economy Society request the pleasure of your Company at a Demonstration of Scientific Cookery by Professor Arbuthnots at the Eatanswill College on Hednesday next at 12 noon

Barnet Literary and Debuting League

Admit Bearer to a

Humorous Illustrated Lecture by Archibald Harrington at the Sown Hall on the 4th instant.

> British Empire Publishing Company London and Manchester

· The Misses Alice & Esther Padmore invite you to a

Dramatic Entertainment

by their Pupils, on Friday, 24th August, at the Schoolhouse, Norbury.

Historic Dramatic Productions remarkable booking in advance

6 A 28 a

36-POINT FIGARO

15 LBS.

Finsbury Commercial Education School Lucrative positions for cleverest pupils

9 A 48 a

24-POINT FIGARO

10 LBS.

Richards & Grant have secured the publishing rights of a sensational Novel and will issue the same at an early date

Important Notice

On and after Wednesday next, the 14th December, our Photographic Studios will be situated at Northlight, Hampstead Heath, the rapid increase in our business necessitating us taking more commodious premises.

Percival & Company

30-POINT SCRIBBLE

Preston Football Club Annual Dinner Blauchard Restaurant Tuesday 29th March

The Financial Committee request your presence at the Ninth Annual Meeting of the Benealent Society

12-POINT SCRIBBLE

Mesors. Beresford & Harrington Dealers in Fine art extend a cardial insitation to make an inspection of their Shaursams

Daric School of art

The Han. Secretary desires to natify pupils that the Summer Vacation commerces en June 24th and extends till august 16th. On Sunday next an

Exhibition of Students' Work

will be held in the Sminburne studia. Pupilo are requested to make an early application for Visitors' Tickets as the supply is strictly limited. Lard Charlesworth has kindly consented to present the prizes wen at the last examinations.

Admit Bearer to annual Tymnastic Sisplay by Lenior Jupils of the Vorton Commercial Fraining Colleges on Monday next October 26th

The Maidstone Golf Ciub beg to announce a Whist Drive & Conversazione at the Holbern Restaurant

17 A 88 a 12-POINT WRITING

Mr. & Mrs. Ernest Pardenste wish to convey their Tearliest Treetings & Good Wishes for Christmas and the - lew year

9 A 44 a

24-POINT PLANTAGENET

15 t ne

Herbert Morpeth
sends you
his Sincerest Wishes
for your
Health, Happiness,
and Prosperity
during the
Ensuing New Year
1914.

14 A 72 a 18-POINT PLANTAGENET

12 LBS.

May this' Christmastide
bring you
much Joy and Happiness'
and the
New Year
Peace and Prosperity
is the wish of
Bertha Chapman

Manor Houses
Eastbournes

20 A 104 a 12-POINT PLANTAGENET

10 LBS.

Caslon Type Foundry, London, E.C.

Dear Sirs.

We call your attention to this neat and artistic series manufactured in four sizes. A glance will convince you that it is a most desirable letter to use for dainty and unassuming jobs such as Invitation Cards, Greetings, Scholastic and all kinds of professional circulars.

Yours obediently, H.W. Caslon & Co. 24 A 128 a 10-POINT PLANTAGENET

8 LBS

The Caston Type Foundry, London, E.C.

Dear Sirs,

We call your particular attention to this neat and pleasing series, which is manufactured by us' in four standard sizes'. A cursory glance will convince you that it is a most desirable series' to use for dainty and unassuming jobs, such as' Correspondence Cards, New Year and Christmas' Cards, and all kinds' of Professional Circulars' and Memorandums.

We remain,
Yours obediently,
H. W. Caslon & Co. Ld.

23 A 120 a 12-point Engraver's Italic 12 libs.

Caston Foundry,

London, E.C.

MODERN FACES

Notwithstanding the numerous attempts made to provide printers with an appropriate series for Circular Work, we think there remains space for a serviceable character, combining the freedom of writing with a regularity found in ordinary italic.

H. W. Caston & Co. Ltd.

26 A 136 a 10-POINT ENGRAVER'S ITALIC 10 LIIS

The Caston Foundry, Chiswell St., E.C.

MODERN JOB WORK

Numerous attempts have been made, with more or less success, to provide the printer with suitable founts of type for attractive circular work, and we think there is still room for a decidedly serviceable series, which combines the freedom of penmanship with the charm of an ordinary itatic.

Obediently yours, II. W. Caston & Co. Ltd.

30 A 160 a 8-POINT ENGRAVER'S TALIC 8 LBS.

The Caston Type Foundry, London, E.C.

Dear Sirs.

IMPROVED TYPOGRAPHY

Notwithstanding the numerous and successful attempts which have hitherto been made by us to provide our customers with suitable series in which to set attractive circulars, we are of opinion that there yet remains room for a serviceable production of a thoroughly useful character with a regularity found in ordinary itatic.

The founts of this description now before printerdom are no better than italies or partake of the ornamental design.

Yours obediently, H. W. Caslon & Co. Ltd. 36 A 192 a 6-POINT ENGRAVER'S ITALIC 6 LBS

The Caston Type Foundry,

London, E.C.

Dear Sire,

IMPROVED TYPOGRAPHY

Notwithstanding the numerous and runicipated attempts which have hitherto been made to provide the tetterpress printer with a suitable type face for attractive circulars, we think there is still room for a thoroughly serviceable character which combines something of the freedom of writing together with the regularity of an ordinary itatic. Series of this description which are already before the printing trade are, in our opinion, either no better than itatics, or partake decidedly of the finery script or ornamental design, the tatter not being at all suitable for circulars of a commercial nature.

We are, Dear Sirs, Yours recy faithfully.

11. W. CASLON & Co. Ltd.

Industrial Exhibitions

5 A 18 a

42-POINT RONDE, NO. 1

15 LBS

Artistic Work

6 A 26 a

30-POINT RONDE, NO. 1

12 LBS.

Meritorious Sport Athletic Cricketer

9 A 48 a

24-POINT RONDE, NO. 1

12 LBS.

Fizst Quarterly Meeting Berkshize Agriculturists

12 A 60 a

18-POINT RONDE, NO. 1

10 t 88

Cambridge Alniversity Harriers Annual Championship Decided

18 A 92 a

14-POINT RONDE, NO. 1

10 t ps

Elemental Scientific Demonstration South Dulwich Technical Institute

20 A 100 a

12-POINT RONDE, NO. 1

8 LBS.

British Mercantile Service Examinations Candidates must send in their names at once

21 A 108 a

10-POINT RONDE, NO. 1

6 LBS.

The Committee of the Banstead Laczosse Club have much pleasuze in announcing a Grand Bohemian Concert at the Metropolitan Notel Established 1894



The Richmond School for Ladies

The Head Mistress has much pleasure in informing pupils' parents that the Winter term commences on Monday next, the 29th of October.

It is really essential that all pupils should attend on that date as several very important classes will be started.

The necessity for all the girls who propose entering for the Cambridge University, Local and other Sxaminations to be present at the commencement of the term in order to receive the preliminary instructions will be apparent to parents.

Visits to the School should be made on Fridays from 10 to 4.

Oahdene Manoz

Twicken ham

20 A 100 a

8-POINT RONDE, NO. 1

4 LBS

Residents of Goleworth and Brentford are hereby notified that in response to the wishes expressed at a Sublic Meeting held at the Masonic Hall hast Wednesday the Town Council will meet tomozzow

Handsomest Returns

Latest Fashion Co.

Buelington Sactens . May fair

Olladame Bouton has much pleasure in informing her many lady customers that she is showing the newest ideas in

Millinery

anê

Costumes

for the coming season at the above address. They have been specially designed for her by all the leading Continental experts and are now exclusively shown in her spacious salon for the first time.

On view until Weeneseay newt the 29th inst.

An inspection is very cordiaffy solicited.

24th March 1914

5 A 18 a

42-POINT RONDE, No. 2

15 1 194

Best Method

6 A 26 a

30-POINT RONDE, No. 2

12 1.BS

Hove Tennis Club Cinderella Dance

9 A 48 a

24-POINT RONDE, No. 2

12 1 185

Enormous demand for OlVining Investments

12 A 64 a

18-POINT RONDE, NO. 2

10 LBS.

Regal Entertainment Bureau Orchestral Concerts Arranged

12 A 60 a

14-POINT RONDE, No. 2

7 (10)

Remarkable Scientific Discovery Important Development Awaited

*14 A 72 a

12-POINT RONDE, No. 2

6 LBS.

Local Charity Bazaar & Conversazione Brand Opening Ceremony next Saturday

14 A 68 :

10-POINT RONDE, NO. 2

4 LHS,

Stand Evening Concert will be given under most distinguished patronage at the Royal Albert Itall on Thursday next in aid of the Building Fund of the Buckinghamshite County Hospital Tichets may be obtained of any of the gentlemen named overleaf or from the leading libraries 6 A 32 a

30-POINT BELGRAVIA NO. 1

15 TRS

Enterprising Borough Council Birchington Promenade Renovated Seaside Health Resorts

8 A 40 a

24-POINT BELGRAVIA NO. :

12 LBS.

Careful Historical Researches Encouraged

National Standard Work on Universal Geography

Methodist Benevolent Institution

12 A 60 a

18-POINT BELGRAVIA NO. 1

10 LBS

Indispensable Articles for Enhancing Production

Printing Office Equipments Supplied at the Shortest Notice

Improved Facilities Readily Obtainable

18 A 96 a 12-point Belgravia No. 1

8 LBS.

Southampton Grand Theatre
Important Dramatic Representations
Performances Nightly

18 A 96 a 10-POINT BELGRAVIA NO. 1

6 LBS.

Temperance Legislation Desired
Parliamentary Conferences Memorialised
Deputations Introduced

12 A 60 a

18-POINT BELGRAVIA NO. 2

10 LBS.

The Mortgage Debentures Eagerly Purchased

Ilfracombe and District New Electrobus Association

Remunerative Investment Advertised

18 A 96 a

12-POINT BELGRAVIA NO. 2

8 LBS.

Literary Abilities Displayed Remarkable Journalistic Triumphs Modern Newspapers 18 A 96 a

10-POINT BELGRAVIA NO. 2

6 LES

Reading Public Deriving Benefit
Birmingham Girculating Library Opened
Large Donations Received

No.

Richmond.

1.9

International Cheque Company.

Pay to the order of the sum of

shillings

pounds pence.

£

234 Seorge Street, Richmond, S.W.

French Millinery

Dear Madame,

I have only recently returned from my annual Spring visit to the leading Parisian Millinery Establishments and invite you to the above address to inspect

A Choice Display of the Catest Paris Confections

They will be on view from Friday the 12th May till Juesday the 6th June, between the hours of 10 and 6. Visitors will be under no obligation to make purchases, and all my assistants have been instructed to refrain from importuning Customers. Afternoon Jea will be served each day at 4 o'clock.

Anticipating the pleasure of an early visit from you,

I remain,
Yours faithfully,
Marie Louise.

Miss Bertha Chapman

Knightsbridge Court. W.

Xmas, 1914

Mr. & Mrs. Robert Kodges
send
Sincerest Good Wishes
for a
Bright and Kappy Christmas
and a
Prosperous New Year

Greenhitl Farm,
Basingstoke.

Hrsistic Exhibition in Morth Kensingson Interesting Collection of Scotch Lictures

Hampstead Fraining College



New Germ

The Head Mistress wishes to notify Parents of Pupils that the College will re-open on Monday, 29th September next, and trusts they will make a special effort to ensure their daughters arriving punctually on that day and also to continue in regular attendance throughout the remainder of the Winter Germ.

Several valuable Scholarships will be compeled for during the Germ, and regular aftendance is of course one of the factors in securing success.

Heathcote Drive, August, 1914. 8 A 36 a 30-POINT TEUTON ITALIC

12 LBS.

Scarborough Charming Scenery Health Resorts

9 A 48 a 24-POINT TEUTON ITALIC 10 LBS.

Home Comfort Brightlingsea Modern Collegiate School

12 A 64 a 18-POINT TEUTON ITALIC 8 LBS.

Exceptional Bargains
Paris Millinery Fashions
Unique Designs

15 A 80 a

12-POINT TEUTON ITALIC

6 LBS

Improved and Inexpensive Methods for executing Photographs of Infants

London Artistic Production Syndicate have opened an elaborate Studio at Cadogan Sq.

and make a speciality of Young Children and Pet Animals

8 A 40 a 24 PT GUTENBERG 10 LBS

Grand Evening Concerts

Dudley Gallery Picture Exhibitions on Pridays

13 A 80 a 12-PT. GUTENBURG

Blandford Collegiate School for Young badies Michaelmas Merm

The Grange, Rochampton. Christmas, 1914.

With Heartiest

Christmas · Greetings

and all ▷

Kind Thoughts w

Best Wishes . . .

for the Do

New Year

281 Oxford Court Road, bondon, N.E.

Winter Pashions

Dear Madam.

May we direct your attention to the fact that on Muesday, the 26th October next we intend opening an Exhibition of the latest Continental Winter Pashions at the above address.

The Exhibits have been selected by experts from the leading firms in Berlin and Paris and we feel confident that you will derive pleasure from a visit.

Obediently yours,

M. Robinson & @

From Mr. & Mrs. J. Holman.

> Marylebone ▷ Cricket No Mennis Club

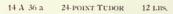
> > (a)

Whist · Drive (rown Hotel

Monday, 23rd March

Springfield Farm, Maidstone

With
Reartiest Wishes
for your
Rappiness & Prosperity
in the
New Year



Cast Anglian Banquet

17 A 44 a 18-POINT TUDOR 10 LBS.

Norfolk Kotel Southgate Road June 2nd

Record Gathering

Musical Programme
Unique Menu



Knom Robert Morgan

Kingsbridge Patriotic Societies

Hnnual Ball

Regent Ball Friday 6th March 6he

Weber Operatic Club

Rinth Season

A GENERHI: MEETING of the above Operatic Club will be held at the Criterion Restaurant next Kriday evening at 6 p.m. for the purpose of transacting important business at which your presence is particularly requested.

An Instrumental Concert will be held afterwards, terminating at eleven o'clock.

8 A 24

42-POINT KENILWORTH (54-POINT INITIALS)

18 1.08

Royal Garden Party Windsor Castle

9 A 30 a

0-POINT KENILWORTH (42-POINT INITIALS)

15 1 00

Bancroft Dramatic Society
Charity Performance

12 A 44 a

24-POINT KENILWORTH (30-POINT INITIALS)

10 1.08

Church Pemperance Demonstrations
Marlborough Corn Exchange

21 A 80 :

12-POINT KENHAWORTH (18-POINT INITIALS)

6 LBS.

Representations of Improved Reclesiastical Architecture Successful Masters in Elementary Science

Brentford Piscatorial
Association









Richmond to Staines August 24th

Serkhampstead

High School

for Girls...





BIS School was established nearly seventy years ago, and is situated in one of the most delightful districts of England. It has a unique reputation for the thorough education imparted to pupils and for its home comforts. Parents and Quardians can obtain the fullest information from the Secretary, and references are kindly permitted to the leading elergymen of the county

32 A

12-POINT LATIN ITALIC (No. 1)

6 LBS.

REGISTERED INSURANCE COMPANY QUARTERLY CONFERENCES

33 A

12-POINT LATIN ITALIC (No. 2)

5 LBS.

MERITORIOUS PRODUCTIONS COMMENDED MANY EULOGISTIC REMARKS

33 A

12-POINT LATIN ITALIC (No. 3)

4 LBS.

DIRECTIONS GIVEN TO UNEMPLOYED ORGANISATIONS BIRMINGHAM COMPANIES CONSTRUCTED

45 A

6-POINT LATIN ITALIC (NO. 1)

2½ LBS.

INSTRUMENTAL PERFORMANCES BY ROUMANIAN ORCHESTRAS

MANCHESTER PHILHARMONIC ASSOCIATION

51 A

6-POINT LATIN ITALIC (No. 2)

21 LBS.

COMMISSIONER APPOINTED FOR SUPERINTENDING FOREIGN IMPORTATIONS
DISTINGUISHED MEMBER OF THE IMPERIAL PARLIAMENT

54 A

6-POINT LATIN ITALIC (No. 3)

18 T RS

HANDSOME CATHEDRAL DECORATIONS RECENTLY EXECUTED WITHIN WORCESTERSHIRE

COMPETENT MECHANICS AND DISTINGUISHED ARTISTS

57 A

6-POINT LATIN ITALIC (No. 4)

 $1\frac{3}{4}$ LBS.

BEAUTIFUL CERTIFICATES DISTRIBUTED FOR CLEVER CRAFTSMANSHIP AND GENERAL PROFICIENCY

MONMOUTHSHIRE TECHNICAL INSTITUTE AND CONTINUATION SCHOOLS

60 A

6-POINT LATIN ITALIC (NO. 5)

 1^8_4 LBS,

PHOTOGRAPHS OF SOME CELEBRATED HISTORICAL RESIDENCES SITUATED IN SOUTHERN AND MIDLAND COUNTIES

ARE OBTAINED EXCLUSIVELY FOR ENTHUSIASTIC ANTIQUARIANS

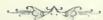
Complete assortment of 6-pt. (five faces), consisting of 10 lbs, in all, with case, Three Guineas.

ESTABO. 1897

COCAINE AVENUE,

M. O. LARKINE SURGEON OFNTIST

SHERINGHAM GOLF CLUB



MOTICE IS HEREBY GIVEN ORDINARY GENERAL MEETIN MEMBERS WILL BE HELD ON TUES AT THE GROSVENOR HOTEL, CROM IMPERATIVE RESOLUTIONS CONCE WELFARE OF THE CLUB WILL BE CONFIRMATION BY THE PLAYING

AFTER THE MEETING AN INFO SMOKING CONCERT WILL BE HEL SEVERAL EMINENT ARTISTES WILL

MISS IRENE DESMOND SOCIETY ENTERTAINER

AT NOMES GARDEN PARTIES CONCERTS & BAZAARS

HENRY W. BARDON, HON. SECRETARY.

LIST OF DANCES 98 98 98

WEDNESDAY, 25TH SEPTEMBER, 1916.

1 WALTZ

6 WALTZ

8 WALTZ

10 WALTZ

II BARN DANCE

13 LANCERS

14 WALTZ

9 CALEDONIANS

7 VELETA

4 WALTZ ... 5 LANCERS.....

2 WALTZ 3 BARN DANCE

PRIMROSE CRICKET CLUB



-MENU-

SOUPS.



ROBERT HENDERSON COURT FLORIST

-

234 BUCKINGHAM MANSIONS

KENSINGTON W.

WIRES: RANUNCULUS LONDON.

GREAT WESTERN 2468

COFFEE & LIQUEURS

BLUE HUNGARIAN ORCHESTRA CONOUCTOR: HERR RITZEMA

CARLTON RESTAURANT, OCTOBER 24TH, 1918.

H. W. CASLON & CO. LTD.

88 & 88 CHISWELL ST., LONDON, E. C.

TAIL.

SAUCE.

GED HARE

SALAD.

UDDING.

ICES.

ON.

WHITEBAIT.

An assortment of the three founts, with case, 25/e katik dentro dike Mirky Vierly Hand State of the 240 4.5 NOW D. L. L. L. WA AVERTER OUTH. MR. & MRS. ROBERT MONTAGUE

45 A 6-pt. Steel Plate Caps, No. 1 2 lbs.

CHOICE EDITION DRAMATISED NOVEL PUBLISHED

36 A 6-pt. Steel Plate Caps, No. 2 12 lbs.

AUTHORISED CHARMING PRODUCTION EXQUISITE DESIGN 1234567890

36 A 6-pt. Steel Plate Caps, No. 3 1 lb.

THIRD ANNUAL REPORT WEST AFRICA DEVELOPMENT SYNDICATE LTD.

REQUEST THE PLEASURE

OF YOUR COMPANY AT THE MARRIAGE OF

THEIR DAUGHTER

CHRISTABEL MARJORIE

TO

MR. RICHARD ARTHUR DESBOROUGH

AT

ALL SAINTS CHURCH, RAMSGATE,

ON

MONDAY, THE 25TH OF MAY,

AT TWO O'CLOCK

AND AFTERWARDS AT

ERTSON AVENUE, WEST RAMSGATE.

DANCE PROGRAMME

60

I WALTZ · · · · CHORISTERS

2 WALTZ - · · BLUE DANUBE

3 LANCERS - - · WHITE CITY

4 TWO STEP - ON THE MARCH

5 Waltz - · · · · RIALTO

6 BARN DANCE . . HAPPY DARKIES

INTERVAL

7 ESPERANO GAVOTTE · ORIGINAL

S WALTZ . BELLE OF MAYFAIR

9 LANCERS - - LAUDER AIRS

10 WALTZ · · GARDEN OF SLEEP

11 Two Step · · · Boston Belle

12 WALTZ · · · · · HYPATIA

MAJOR BAGGIOCK Procesia of State of the State

CASLON FOUNDRY

For Popular and Useful Type Faces

14 A 18 a

24 POINT MINSUE

10 LIN.

Ancient Society of Musicians OPERATIC PERFORMANCE

Distinguished Patronage

23 A 30 a

18-POINT MINSIER

8 4.188.

Southern Coast Railway Companies Limited
RIVER AND SEASIDE EXCURSIONS

Increased Facilities for Touring

32 A 42 a

12-POINT MINSTER

6 LBS

Guildhall Public Library

PICTURE * EXHIBITION

Swedish and Danish Masters
Admission Sixpence

27 A 36 a

10-POINT MINSTER

4 1.08.

Grand Evening Vocal Concert to swell the funds of the

METROPOLITAN HOSPITAL

held at the

Buckingham Palace Restaurant Monday August 24th 30 A 12-POINT ORNAMENTED, NO. 33 6 LIIS

FASHIONABLE DESIGNS

36 A 10-POINT ORNAMENTED, NO. 33 4 LIIS.

THEATRICAL ENTERTAINMENT MANAGED

39 A 8-POINT ORNAMENTED, NO. 33 3 LBS.

CINDERELLA DANCE FINSBURY TOWN HALL DOUBLE TICKET 8 A 20 a

36-POINT COLUMBIAN ITALIC

16 LBS.

Caslon Type Foundry Clegant Columbian Italic Artistic Designs

6 A 32 a

24-POINT COLUMBIAN ITALIC

12 LBS.

Superiority Acknowledged
Original Typographic Yovelties
Unexcelled Durability

9 A 48 a

18-POINT COLUMBIAN ITALIC

10 LBS.

Distinct Qualities of General Utility

Compare Prices with American Founders

Encourage British Labour

17 A 84 a

12-POINT COLUMBIAN ITALIC

8 LBS.

Messrs. Caslons' Series are manufactured with

Best Hard Metal and cast on Point Bodies and Point Dine

Dependable Qualities Predominating

8 A 18 a

48-POINT MOSLES

16 1.85

PRESTON BOROUGH Electric Power House

8 A 20 a

42-POINT MOSLEM

12 1.08.

GRAND MUSICAL FESTIVALS Brentford Recreation Ground

12 A 32 a

30-POINT MOSLEM

10 LBS

HISTORICAL RESEARCH ENCOURAGED Lectures delivered alternate Fridays

23 A 60 a

18-POINT MOSLEY

10 1.188

BRITISH GATHEDRAL ARCHITECTURE DEMONSTRATED Public Monuments and Interesting Statues Described

PERFORMANCE

REORGANISATION

BEDFORD RESIDENCE

BOURNEMOUTH & BOSCOMBE

18-POINT MURAL

10-POINT MURAL HUMOROUS AMERICAN DRAWING

GARDEN PRODUCTS DISTRIBUTED

12-POINT MURAL

MODERN CARICATURES 8-POINT MURAL

MANCHESTER CORPORATION INSTITUTES QUARTERLY EXAMINATIONS

REMARKABLE ORCHESTRAS **EVENING CONCERT**

6-POINT MURAL

ART ORNAMENT REPRODUCED FROM SCULPTURE ENORMOUS DEMAND ANTICIPATED

FASHIONS

EDITED BY A FAMOUS PARISIAN MODISTE



GRATUITOUSLY CIRCULATED BY

THE KENSINGTON DRAPERY ASSOCIATION

48-POINT MURAL COMPRESSED

RESEARCHES

BERKHAMPSTEAD

HANDSOME EMBROIDERY MANUFACTURED

DESCRIPTIVE HISTORIC PAMPHLET IRISH MUSEUM REPORT

10 A 12-POINT MURAL COMPRESSED

HORTICULTURAL EXHIBITIONS AT NORTHMINSTER MAGNIFICENT ORCHID SPECIMENS

72 A 10-POINT MURAL COMPRESSED 4 LBS.

PUBLICATIONS CONTAINING MANY HUMOROUS ANECDOTES PROGEEDS TO CHARITABLE INSTITUTIONS

8-POINT MURAL COMPRESSED 3 LBS.

DIRECTORY OF LONDON EDUCATIONAL PUBLISHERS AND STATIONERS PUBLISHED BY THE OXFORD UNIVERSITY PRESS

6 POINT MURAL COMPRESSED

REMARKABLE EXTRACTS FROM ANCIENT MANUSCRIPTS IN THE BRITISH MUSEUM SANCTIONED BY PARLIAMENTARY COMMISSION AUTHORITIES

INSPECT OUR SHOWROOMS AND SEE OUR STOCK OF PRINTERS'



H. W. GASLON & GO.

LIMITED

JUNIOR TURF GLUB



WINE LIST



MEMBERS ARE REQUESTED TO QUOTE THE NO. WHEN ORDERING

The Caslon Letter Foundry

TYPEFOUNDERS AND MANUFACTURERS OF ALL KINDS OF PRINTING MATERIAL. PRINTING OFFICES EQUIPPED THROUGHOUT IN ALL PARTS OF THE KINGDOM. WE ARE ALWAYS WILLING TO ADVISE, PREPARE PLANS, AND SUBMIT ESTIMATES

Chiswell Street, E.C.

12-POINT TYPEWRITER NO. 1 38 A, 200 a. 20 Lbs.

Dear Sirs,

The present edition of our Specimen Book is the first to be issued from our new premises. We had long outgrown our historic old house on the other side of Chiswell Street, but for reasons which will be easily understood, were reluctant to leave it. The old home was one of the few remaining relics of eighteenth century London, and was, moreover, endeared to us by very many associations, historical and personal.

At 22 and 23 Chiswell Street, William Caslon the First made for himself an enduring name as the first of British Typefounders thus winning fame not only for himself but for his country, which by his success attained to the leading position in the art. His type designs have never been surpassed. The original Caslon Old Face is to-day a greater favourite than ever among connoisseurs, and is invariably found in the finest examples of modern artistic printing. The most eminent printers regard it as the basis of all good work.

Of the many beautiful faces we have introduced in modern times our Cheltenham design, of which this series offers an extraordinarily wide range of service, has been a dominant factor in making the reputation of many eminent printers. For beauty and utility this series is acknowledged to be of supreme excellence. The complete series will be found in this book.

We are, Dear Sirs,

Yours faithfully,

H. W. CASLON & CO. LTD.

H. W. CASLON & CO. LTD.

82 & 83 CHISWELL ST., LONDON, E. C.



H. W. CASLON & CO. Limited

Typefounders and Manufacturers of all kinds of Printing Material. Chiswell Street, London, E.C.

Telegrams: "Caslon, Finsquare, London."

Telephone Nos. : 481, 482, 483, City.

12-POINT TYPEWRITER No. 2, 41 A, 212 a. 20 lbs.

To PROGRESSIVE CUSTOMERS,
United Kingdom and Dependencies.

Gentlemen,

If you are not already using our PATENT STEEL FURNITURE, we beg leave to direct your attention to the innumerable advantages it possesses, and the economy effected by purchasing it.

Our Steel Furniture is made of strips of steel, accurately finished to measure, with notched ends. It is formed into hollow squares, and used to fill spaces quickly in printing formes. The steel is either 24 or 36 points wide, and is five-eighths of an inch high. It is cut to various lengths, and every length measures an exact number of ems, the notch being 12 points in depth.

Its great value is the time it saves and the greater accuracy it secures over every other kind of furniture. Weight for weight it goes six times as far in filling space as metal furniture, and can be used in one-half to one-sixth of the time. It is accurate in every way to the thousandth part of an inch. It is not only practically perfect when new, but being of steel and not easily battered, it is bound to remain accurate. It makes not only truer formes but lighter formes, and it also saves room in the office.

Considering how much further it goes, it costs less than metal furniture at the outset, and as it lasts practically for ever, it is a constant saving of expense for material.

These points are fully endorsed by users, continual repeat orders being placed by printers who have once introduced it and proved its many advantages.

We remain, Gentlemen,
Yours obediently,

H. W. CASLON & CO. LTD.

FROM THE

CASLON LETTER FOUNDRY

CHISWELL STREET, LONDON, E.C.

TYPEFOUNDERS AND
MANUFACTURERS OF ALL KINDS
OF PRINTING MATERIAL.

PRINTING OFFICES
EQUIPPEO THROUGHOUT IN ALL
PARTS OF THE KINGOOM.

12-POINT TYPEWRITER No. 3. 38 A, 200 a. 20 lbs.

To MASTER PRINTERS,
Great Britain and Colonies.

Dear Sirs,

We beg to call your attention to the present issue of our enlarged Specimen Book, which comprises many important novelties in type-faces, borders, ornaments, and printers' supplies generally.

All our jobbing faces are now cast with strict accuracy to the Standard Point System, and we cannot too strongly urge on our customers the importance of immediately adopting the system to the fullest possible extent.

In all cases where the design of the letter offers no obstacle, we cast series on the beards defined in the diagram showing our Point Line System, but where rigid conformity would involve the objectionable result of ascenders or descenders overhanging the body, we prefer to moderate the rigour of the scheme. In every instance, however, we scrupulously preserve the principle of point beards, so that our type will always line with any other point beard type on the market.

It is plainly evident that the old bodies are practically obsolete, even for book founts, and printers who disregard this intimation may soon find themselves severely handicapped by the impossibility of obtaining old-body sorts.

Confidently appealing for co-operation in making the reform speedy, thorough, and complete,

We are, Dear Sirs,

Yours faithfully,

H. W. CASLON & CO. LTD.

SPECIMENS

DORIC

DORIC ITALIC

CONDENSED SANS-SERIF

SANS-SERIF ITALIC

GOTHIC

THE CASLON LETTER FOUNDRY CHISWELL ST. LONDON, E.C.

ENTERPRISING MANUFACTURER PROMINENT AND MODERN PRODUCTIONS

36 A

12-POINT LINING DORIC B

6 LBS.

REGISTERED PATENT COMPANY MANAGERS DETERMINE ORIGINAL METHODS

36 A

12-POINT LINING DORIC C

5 LBS.

BIRMINGHAM MUNICIPAL ENTERPRISE ESTIMATES FOR MATERIALS AND CONSTRUCTION

32 A

12-POINT LINING DORIC D

4 LBS.

TELEPHONE COMMUNICATION RECEIVED EXPERIENCED MECHANICS DESPATCHED EVERYWHERE

27 A

12-POINT LINING DORIC E

3 LBS.

CONFERENCES ENCOURAGED BETWEEN MASTERS RECOMMENDATIONS SUBMITTED FOR CAREFUL CONSIDERATION

48 A

6-POINT LINING DORIC A

2 LBS.

ESTIMATED FINANCIAL RETURNS OF INSURANCE AGENCIES
TECHNICAL SCHOOLS EXAMINATIONS CONDUCTED BY COMPETENT INSTRUCTORS

60 A

6-POINT LINING DORIC B

2 LBS.

BEDFORD MUNICIPAL COUNCIL SIXTEENTH ANNUAL STATEMENT OF ACCOUNTS

COLLECTION OF REMARKABLE ENGRAVINGS CONTAINING SELECTIONS FROM THE CONTINENTAL MUSEUMS

54 A

6-POINT LINING DORIC C

1½ LBS.

PROPOSED AMALDAMATION TO BE SUBMITTED TO SHAREHOLDERS AT THE ANNUAL MEETIND
IMPORTANT INFORMATION RESPECTING RECENT DISCOVERIES IN ELECTRICAL DEVELOPMENTS AND IMPROVEMENTS IN MECHANISM

68 A

6-POINT LINING DORIC D

1½ LBS.

THIS COMPANY WAS ESTABLISHED IN THE EIGHTEENTH CENTURY AND HAS THREE HUNDRED BRANCHES AND AGENCIES
REGISTERS AND TRADE DIRECTORIES WITH AUTHENTIC INTELLIGENCE FOR THE MERCANTILE COMMUNITIES THROUGHOUT THE EMPIRE REVISED PERIDOIGALLY

Complete Assortment on 6-point body, with case, 2 Guineas. Complete Assortment on 12-point body, with cases, 3 Guineas. Complete Assortment of Entire Series, with 3 Treble Cases, 5 Guineas.

ННИННЫННИННИНННН

The above Founts work together as Caps, and Small Caps, on their respective bodies without justification,

ST. PATRICK'S BALL

17th March, 1915.

- 1	VALSE ARTHORE	
2	VALSE	***************************************
3	VALSE	
4	LANCERS	
5	VALSE HOLLY, I, AND THE GARY	***************************************
6	BARN DANCE EMIN GO GRARH	***************************************
7	VALSE NATIE GONNOR	***************************************
8	LANCERS WEARING OF THE RREEK	***************************************
9	VALSE	***************************************
1 D	VALSE	
11	LANCERS HHIGHTE OF ET. PATRICH	
12	VALSE NATHLEEN NAVOURNEEN	

	SUPPER INTERVAL	***************************************
19		
	VALSE	*******************
14	VALSE	***************************************
14 15	VALSE	***************************************
14 15 16	VALSE	
14 15 16 17	VALSE	
14 15 16 17 18	VALSE	
14 15 16 17 18 19	VALSE	
14 15 16 17 18 19 20	VALSE	

IMPERIAL RESTAURANT

→ → ≫ MENU ⊗ → >

SOUPS

MOCK TURTLE. CLEAR VERMICELLI.

FISH

FILLETED SOLES. WHITEBAIT, BOILED TURBOT.

ENTREE

MUTTON CUTLETS RENAISSANCE.

REMOVES

SIRLOIN OF BEEF AND HORSERADISH.

Decased Samach

PLAIN POTATOES.

YORK HAM AND MADEIRA.

ROAST

TURKEY AND SALAD.

SWEETS

Moscow Pupping.

COMPOTE OF FRUIT.

CHEESE AND CELERY.

DESSERT.



CASLON LETTER FOUNDRY

CHISWELL STREET, E.C.

"Caston, Finsquare, London."

H. W. CASLON & COMPANY LTD.

TYPEFOUNDERS

23 A

18-POINT DORIC NO. 1

8 LBS.

ENHANCING BRITISH INDUSTRY IMPROVED METHODS

30 A

14-POINT DORIC NO. 1

7 LBS.

MANCHESTER PERMANENT INSURANCES DEBENTURES MORTGAGED

36 A

12-POINT DORIC NO. 1

6 LBS.

GRAND BOHEMIAN ORCHESTRA PERFORMS BARMOUTH WINTER GARDENS

42 A

10-POINT DORIC NO. 1

5 LBS.

COMBINATION ORNAMENTS DESIGNED AND PRODUCED MATHEMATICAL PRECISION ASSURED

54 A

8-POINT DORIC NO. 1

4 LBS.

THE BRIDLINGTON ELECTRIC LIGHT & POWER SYNDICATE LIMITED FIRST ORDINARY GENERAL MEETING IN MARCH

 $66\,\Lambda$

6-POINT DORIC NO. 1

3 LBS,

51 A

6-POINT DORIC NO. 1, SM. CAPS.

2 LBS.

COMMERCIAL INVESTMENT SYNDICATES
FAVOURABLE REPORTS ISSUED

METROPOLITAN TEMPERANCE DEMONSTRATION ENTHUSIASTIC GATHERING APPLAUDS

THE MODERN FURNISHING CORPORATION

THE MOST LUXURIOUS SHOWROOMS
TO BE FOUND THROUGHOUT EUROPE

CHIEF WAREHOUSE & OFFICES:
345 BOURNEMOUTH PARADE, SOUTH MANCHESTER

BRANCHES:

NEWCASTLE BIRMINGHAM

STOCKPORT

LEICESTER

NOTTINGHAM

BLACKBURN

GLASGOW

EDINBURGH

8 A

72-POINT DORIC NO. 2

30 LHS.

60-POINT DORIC NO. 2

23 LBS.

REMINDER

9 A

48-POINT DORIC NO. 2

20 LBS.

3/5 A

12-POINT DORIG NO 2

6.118

BANDS

12 A

36-POINT DORIC NO 2

15 LBS.

DESIRING

24-POINT DORIC NO. 2

10 LBS.

EXCHANGED

24 A

18-POINT DORIC NO. 2

8 LBS.

RECONSTRUCTED DEPARTMENT

MODERN JOURNALS ENTERPRISING

10-POINT DORIC No. 2

5 LBs.

BIRMINGHAM EXHIBITOR **DEMONSTRATIONS**

8-POINT DORIC NO. 2

IMPORTANT PRODUCTIONS SUPERIOR METHODS

6-POINT DORIC NO. 2

AMALGAMATED STEAMSHIP COMPANIES EXTRAORDINARY MEETINGS

60 A

6-POINT DORIC NO. 2a

2 LBS.

COMMERCIAL AND INDUSTRIAL DEVELOPMENTS MANUFACTURES AND INVENTIONS

72 A

6-POINT DORIC NO. 2b 2 Lifs.

RENOWNED BUILDINGS AND MONUMENTS IN SCOTLAND CHOICE PHOTOGRAPH OF HIGHLAND SCENERY

The three 6-pt, founts line and work together as Caps, and Sm. Caps.

48-POINT DORIC NO. 3

19 LBS.

MODERNISING

36-POINT DORIG NO. 3.

DESIRED ORDERS

REGISTERED DESIGNS

FAMOUS HISTORIC BUILDING

RHODESIAN MINES CORPORATION

14-POINT DORIC NO. 3

6-POINT DORIC NO. 3

3 LBS.

DIRECTORIES REVISED REMUNERATION

39 A 12-POINT DORIC NO. 3

NEW METHOD EMBRACED **MANUFACTURES**

10-POINT DORIC NO. 3

5 LBS.

ENTERPRISING ORGANISATIONS MODERN ADVERTISING

60 A

8-POINT DORIC NO. 3

4 LBS.

REMINISCENCES OF EMINENT ACTORS PUBLISHED IN BOHEMIA

SOME PRONOUNCED CHARACTERISTICS

HUNGARIAN PEASANTRY RECOGNISED PLEASING CUSTOMS

6-POINT DORIC NO. 3a

3 LBS

REMINISCENCES OF CAMPAIGNS IN SOMALILAND MANCHURIA AND AFGHANISTAN PRINTED IN SIX MONTHLY INSTALMENTS

6-POINT DORIC NO. 3b

GRAND EXHIBITION FOR THE ENCOURAGEMENT OF EUROPEAN INVENTIONS AND MANUFACTURES HELD DURING THE PRESENT CENTURY AT CONSTANTINOPLE UNDER THE MOST DISTINGUISHED PATRONAGE

6-POINT DORIC NO. 3c

THE PENINSULAR & ORIENTAL STEAM NAVIGATION COMPANY LIMITEO JUBILEE

HELO SIMULTANEOUSLY WITH THE OEBENTUREHOLOERS ANNUAL GENERAL MEETING AT THE GREAT EASTERN RESTAURANT

Complete assortment of 6-pt. (four faces) with case, Two Guineas.

JOHN BAINES & Co.

ALSO

BARGAINS

IN

MILLINERY
DRESS MATERIAL
FABRICS
UMBRELLAS
GLOVES
STATIONERY
UNDERCLOTHING
CURTAINS

BEG TO ANNOUNCE A SALE OF HIGH-CLASS

SHOES

ON FRIDAY NEXT

A MANUFACTURERS STOCK TO BE SOLD AT REMARKABLY LOW PRICES FOR CASH

9-23 OXFORD ROAD

TELEGRAMS: "EXCELS LONDON"

TELEPHONE: 456 BANK

PERISHABLE-WITH CARE

To

FROM BERNARD RANSOM & CO.

THE ELECTRIC PARADE :: :: :: CHISELHURST

8 A 20 a

42-POINT DORIC NO. 4

28 LBS

BOURNEMOUTH Desirable Residents

9 A 24:

36-POINT DORIC NO. 4

28 LB

REHEARSE Best Method

15 A 40 a

30-POINT DORIC NO. 4

25 LB9

MODERATION Nominal Rentals Grand Exteriors

18 A 48 a

24-POINT DORIC No. 4

20 LBS

REMUNERATION Sound Investments African Gold Mines

32 A 84 a

18-POINT DORIC NO. 4

20 LB9

SUPERIOR EDITIONS Modern British Novels Extraordinary Demand 38 A 100 a 12-POINT DORIC NO. 4 12 LBS.

HOSPITAL PATRONS
The demand tends to increase for beds and medical treatment at nearly all the London

45 A 120 a 10-POINT DORIC NO. 4 10 LBS.

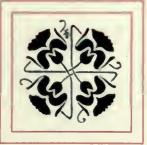
CAMBRIDGE UNIVERSITY In addition to the sound education imparted their moral and physical needs are particularly cared for consequently the parents of undergraduates should

54 A 144 a 8-POINT DORIC NO. 4 8 LBS.

PHOTOGRAPHIC EXPERIMENT The advance that Photography has made is mainly due to the introduction of new dry-plate processes. Several very clever modes of producing detective cameras have been introduced and now one is rarely certain whether his facial expressions

71 A 188 a 6-POINT DORIC NO. 4 6 LBS.

INTERESTING PUBLICATIONS ISSUED Nowadays when scores of new novels find their way to British bookseller's counters each month it requires a certain amount of ingenuity on the part of publishers to individualise their new productions and to differentiate their appearance from a mass in such a way as to lure interested glances from the buyer of modern fiction



Memorandum from the

Decorated Ironwork Co.

382 Montrose Road, Regent's Park,

Telegrams: "Iron London"

LONDON, W.

Telephone: 87961 Western

How and when to INSURE

A Practical Treatise by a famous London
Actuary

_

Record Insurance Company
Constitutional Rd. - Norwich

PREMIER BANK

A short account of its inception and progress together with its many advantages

Head Office;
26 Knightrider Street
Manchester

HUMOROUS ANECDOTES Evening Concert in Dublin

18 A 48;

24-POINT DORIC NO. 5

20 LBS.

CONSIGNMENTS TO EXHIBITIONS Remarkably Interesting Handicrafts Entries from the South of France

30 A 80 a

18-POINT DORIC NO. 5

20 LRS

REGISTERED SERIES AND ORNAMENTS
Accurately Manufactured with the Hardest
Metal at the Caslon Letter Foundry London

 $36~\Lambda/96$ a

12-POINT DORIC NO. 5

12 LBS.

MODERN METHODS OF DECORATING DEMONSTRATED Professor Edmundson will give a Lecture on Wednesday next at the Kensington Academy to which all are invited

44 A 116 a

10-POINT DORIC NO. 5

10 LBS.

CERTIFICATE FOR MERITORIOUS WORK EXECUTED BY PUPILS
The Printing Classes in connection with the Aldenham Institute will
be resumed on 4th September next and continue till 3rd December

51 A 136 a

8-POINT DORIC NO. 5

8 LBS.

REPRESENTATIVE GATHERINGS AT THE TWENTIETH CHURCH CONGRESS
The present position of public education in this country is admirably set forth
in an important statistical document published by the Local Board of Education

:: The Northern :: Shipping Co. Limited

Ports of Call

Harwich
Yarmouth
Hull
Scarboreugh
Grimsby
Sunderland
Leith
Peterhead
Aberdeen



List of Steamers

- S.S. Oceana
 - ,, Mongolia
 - ,, Rewa
 - . Malwa
 - .. Porsia
 - , Morea

All information to be had at the

Important Notice

The fast and luxurious Turbine Steamers of the above Company are chartered during the months of July, August and September to take passengers for

Summer Trips

to the charming Seaside Resorts on the Eastern Coast of England and Scotland.

The accommodation on these boats is in every way excellent, the comfort of passengers being at all times the first consideration. The catering is in the hands of a well-known London firm of Refreshment Contractors, famous for their moderate charges and viands of the first quality.

Hoad Offices in London:

295 Fenchurch Avenue

BOLD DESIGN Point Bodies 12

6 A 16 a

48-POINT DORIC No. 6

30 LBS

RECORD Established

9 A 24 a

42-POINT DORIC No. 6

30 LBS.

MARGINS **Choice Prints**

9 A 24 a

36-POINT DORIC No. 6

24 T BS

DECORATED Noble Residents

14 A 36 a

30-POINT DORIC No. 6

24 LBS.

PRODUCTION Desirable Novelties

24-POINT DORIC NO. 6

20 1.385

RICHMOND **Model Council**

27 A 72 a 18-POINT DORIC NO. 6

BIRMINGHAM **Enhanced Imports**

30 A 80 a

14-POINT DORIC NO. 6

14 ÉBS.

CONTINENTAL **Banking Corporation Funds £3456**

38 A 100 a

12-POINT DORIC NO. 6

12 LBS.

NORTH KINGSTON **Parliamentary Candidates Duly Nominated**

44 A 116 a

10-POINT DORIC NO. 6

10 LBS.

REGISTERED DESIGNS Stationery and Fancy Articles **Profitable Results**

54 A 144 a

8-POINT DORIC NO. 6

S LBS.

INDUSTRIAL ENTERPRISES Recent Publications on the Advance of British Emigration

68 A 180 a

6-POINT DORIC NO. 6

PRINTING & BLOCK MAKING Technical Education and Advanced Notions Modern Art Productions

THE

NORTH BRITISH

INSURANCE COMPANY

Capital Fully Subscribed - - £364,500

Total Funds Invested - - - £289,700

English Head Offices:

289 REBATE BUILDINGS, SUNDERLAND.

Scotch Office:

CATHEDRAL ROW, EDINBURGH.

Irish Office:

230 KILDARE STREET, DUBLIN.

The North British Company has paid proven claims amounting to nearly a million pounds during recent years

PROSPECTUS.

its rivals. In the first place the secretarial and managerial expenses are the lowest of any Insurance Company in the United Kingdom, and secondly, the Company issues Policies for nearly every class of Insurance, and is thus able to grant facilities

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48-POINT DORIC NO. 7

21 LBS.

SPECIMEN

9 A

42-POINT DORIC NO. 7

16 LBS.

RECOGNISED

12 4

36-POINT DORIC NO. 7

15 LBs.

HIGHER CHORD

14 A

30-POINT DORIC NO.

12 LBS.

MODERN SCHEMES

17 A

24-POINT DORIC NO. 7

10 LBS.

EDINBURGH MUSEUM

24 A

18-POINT DORIC NO. 7

8 I.BS.

MERCHANDISE ENCOURAGED

33 A

14-POINT DORIC NO. 7

7 LBS.

BRADFORD SUBURBAN DIRECTORIES

39 A

12-POINT DORIC NO. 7

6 LBS.

HISTORIC RESIDENCES IN MANCHESTER

45 A

10-POINT DORIC NO. 7

LBS.

NOTED IMPROVEMENT INDORSED BY CRAFTSMEN

60 A

8-POINT DORIC NO. 7

4 LBS.

HANDSOME PRODUCTIONS OF MODERN ENGLISH LITERATURE

75 A

6-POINT DORIC NO. 7

3 LBS.

54 A 6-PT. DORIC NO. 7, SM. CAPS. 2 LBS.

BOURNEMOUTH RECREATION GROUND METROPOLITAN CONFERENCE

SOUTHPORT TEMPERANCE ASSOCIATIONS
REMARKABLE DEMONSTRATIONS

6 A 16 a

72-POINT DORIC NO. 8

56 LBS

DEMUR Historian

6 A 16 a

(0-point Doric No. 8

42 THs.

BRIDGES Mechanism

6 A 16 a

48-POINT DORIC NO. 8

33 LDS

RESOUNDS Orthographic

8 A 20 a

42-POINT DORIC NO. 8

30 LBS.

ENCOUNTERChange Monthly

9 A 24 a

36-POINT DORIC NO. 8

26 LBS.

NOURISHMENT Ancient Monument

12 A 32 a

30-POINT DORIC NO. 8

25 LBS.

GARDEN SCHEME Unique Discriminating Preparations

14 A 36 a

24-POINT DORIC NO. 8

20 LBS.

ROMFORD CHRONICLE

Modern Printing Enhanced
Internationalism

24 A 64 a

18-POINT DORIC NO. 8

20 1.165

THE CASLON TYPE FOUNDRY Specimen Pages of New Productions forwarded on application

36 A 96 a

14-POINT DORIC NO. 8

15 LBS.

BOHEMIAN DIAMOND CORPORATION

General Manager Reports Increased Output
throughout preceding months

33 A 88 a

12-POINT DORIC NO. 8

12 1.08.

COMBINED RAIL AND STEAMBOAT ROUTES

Considerably Enhanced Facilities Readily Obtainable

many delightful excursions devised

39 A 104 a

10-POINT DORIC NO. 8

10 1.88.

RECENT PUBLICATION OF HISTORICAL NOVELS

Bibliographers Enthusiastically Welcome Unabridged Edition revealing numerous unrecorded incidents

47 A 124 a

8-POINT DORIC NO. 8

8 1.BS.

INTERNATIONAL EXHIBITION OF AGRICULTURAL MACHINERY

Wonderful Contrivances Demonstrating Remunerative Farm Management
instructive lectures given by prosperous farmers

54 A 144 a

6-POINT DORIC NO. 8

6 1.185.

65 A 172 a 6-POINT DORIC NO. 8-small face 6 LBs.

PORTSMOUTH ATHLETIC MEETING
Prominent Resident Distributes Trophies
rivalry amongst competitors

THE ENTERPRISE FURNISHING COMPANY
All Intending Purchasers Conducted Personally
throughout numerous showrooms

ESTABLISHED DURING THE REIGN OF KING GEORGE IV.

STOCKPORT

Engineering Co., Ltd. Astonfield: Cheshire

SPECIALTIES

Machines for

PAPERMAKING, STOP CYLINDER AND ROTARY PRINTING PRINTING INK MAKING BRONZING AND NUMBERING BOOKBINDING AND BOXMAKING PHOTO-ENGRAVING DIE STAMPING STEREOTYPING AND ELECTROTYPING RELIEF AND INTAGLIO BLOCKING ROLLER MAKING WOOD-WORKING TYPE FOUNDING AND COMPOSING

Sole Makers of the "Richmond" Improved Rotary Lithographic Offset Printing Machine

EVERY MACHINE TESTED AND GUARANTEED

SPECIMENS of DORIC No. 10 LINING SERIES

An Effective Letter for bold advertising and general display



Produced in Thirteen Sizes from Six to Seventy-Two Point by

H. W. CASLON & CO. LTD.

82 AND 83 CHISWELL STREET :: :: LONDON, E.C.

DENBIGH Nomination

6 A 16 a

60-POINT DORIC No. 10

41 LBS.

RETURNED Embankment

6 A 16 a

48-POINT DORIC NO. 10

34 LBS.

HUNTINGDON Recent Elections

8 A 18 a

42-POINT DORIC NO. 10

30 LBS.

NORTHAMPTON Detailed Statement

ENTERTAINMENT Bohemian Convention

12 A 30 a

30-POINT DORIC NO. 10

25 LBS.

IMPROVED MACHINES Numerous Models Shown

16 A 36 a

24-POINT DORIC NO 10

20 LBS.

ENTERPRISING METHODS Profitable Advertisement Series

28 A 60 a

18-POINT DORIC NO. 10

18 LBS.

INTERESTING MEMOIR PUBLISHED

Enormous Circulation of Latest Periodicals
Selected Historical Novels Stocked

35 A 78 a

14-POINT DORIC NO. 10

14 LBS.

REMINISCENCES OF DISTINGUISHED ARTISTS

Famous Buildings and Monuments around Birmingham

Handsome Exhibition of Paintings by Students

42 A 94 a

12-POINT DORIC NO. 10

12 LBS.

48 A 112 a 10-POINT DORIC No. 10

10 LBS.

STEAMBOAT EXCURSION

General Information Obtainable
from Local Ticket Agent

60 A 140 a

8-POINT DORIC NO. 10

8 LBS.

PROVINCIAL INSURANCE COMPANIES
Statements on the Proposed Amalgamation will be submitted at the Spring Conference

75 A 174 a

6-POINT DORIC NO. 10

SCIENCE EDUCATION REPORT
Handsome Buildings Constructed for

University Extension Lectures

O LBS

PRINCIPAL MARKETS IN THE UNITED KINGDOM

Continental Exchanges and Agencies have been established in the most important Towns throughout Europe

IMPROVE YOUR POSITION BY ATTENDING THE

MONTROSE SCHOLASTIC INSTITUTION

A thorough course of teaching is an absolute necessity if you are desirous of obtaining a position in the world of commerce. The best situations are seldom advertised, many employers fill their vacancies with our students

2345 positions of the front rank have been obtained during the last two years by students of this college

PRACTICAL COMMERCIAL SECTION

A copy of our prospectus for the coming session giving full detailed information will be forwarded post free on application. It is the most complete and reliable guide published for those desiring practical training for a profitable occupation

WRITE AT ONCE TO THE SCHOOL SECRETARY

Dorian Square, Harpurhey

Robert Holden & Son

announce the disposal of their entire

Winter Stock

The Event of the Year

Great Bargains will be submitted to Residents in the Gainsborough district by Messrs, Robt, Holden and Son at their commodious new premises in the Market Place on

Friday, May 6th

and following Saturday, Monday, and Tuesday. The Sale has been found urgently necessary in order to provide accommodation for a chic show of Summer Novelties. This occasion will afford unique opportunities of purchasing very fashionable and superior articles at a guaranteed reduction of nine per cent. below wholesale prices. The Catalogue of the Sale is now In the Printer's hands and copies will be forwarded on application. The Event Year

All Purchases of £12 and upwards are carefully packed and sent free to any part of the Kingdom

OUR ONLY ADDRESS:

Market Place, Gainsborough.

6 A 16 a

60-POINT DORIC ITALIC, No. 1

50 LBS

MANORS Distension

6 A 16 a

48-POINT DORIC ITALIC, NO. 1

38 LBS.

ENRICHED Best Material

9 A 24 a

36-POINT DODIC ITALIC NO. 1

31 LBS.

DISCERNMENT Industrial Return

11 A 28 a

30-POINT DORIC ITALIC. No. 1

25 LBS.

MUNICIPAL BAND Selects British Music Grand Anthem

RENOWNED PERFORMANCE Triumphant Opera Achievement Enthusiastic Plaudits

25 A 58 a

18-POINT DORIC ITALIC, No. 1

18 LHS.

PROPOSED ENCOURAGEMENT National Conference Amicably Debate Australian Merchandise

35 A 80 a

12-POINT DORIC ITALIC, NO. 1

12 1.188.

IMPROVED RESIDENTIAL MANSION ERECTED

Conveniently situated in close proximity to Eastern

Railway Terminus and Theatres

42 A 96 a

10-POINT DORIG ITALIC, NO. 1

10 LBS.

BRITISH AND AMERICAN INSURANCE COMPANIES

Quarterly Report and Balance Sheet presented to the Actuary

appointed by the Statistical Association

47 A 112 a

8-POINT DORIC ITALIC, No. 1

8 LBS

VICTORIAN GOVERNMENT RAILWAY INSCRIBED STOCK ISSUED

Notice is Hereby Given that in order to prepare Dividends the Balance
of the Accounts will be struck in September next

60 A 150 a

6-POINT DORIC ITALIC, No. 1

6 LBS.

EIGHTH ANNUAL BANQUET OF RAILWAY BENEVOLENT INSTITUTIONS

The Eighth Annual Banquet in aid of the Railway Benevolent Institutions will be held at the Royal Reataurant on Thursday September 24th at 8 o'clock

LONDON

DEPOTS

Acton Eaiing Chiswick

Chelsea Lambeth

Leyton Stratford Highgate Established in 1892.

Anthracite

84 Ashcroft Chambers, BIRMINGHAM.

HERBERT DONALD, Secretary. JOHN RICHARDS, Manager. PROVINCIAL DEPOTS

Haiifax Grimsby Burniey

Bolton Preston Oldham

Bristol Swansea Newport



PALMS

GREEN CARNATION NURSERIES

*16

Hazeldene, Devon, March, 1912.

Gentlemen,

I have recently returned from my annual visit to the leading nurseries in Holland and Belgium, where I made large purchases of the very choicest Palms.

Every Plant is in first-class condition and most suitable for interior decorations.

An early inspection will be esteemed a favour.

GEO. HOBART,

Proprietor.



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A FREEHOLD ESTATE of about seventeen acres, situate and known as North Side, Hatfield Common, at the present time inadequately covered by a few small private residences and cottages with the rack-rentai value of over £920 per year. The Estate is rectanguiar, and has frontages of over 386 ft. to Hatfield Common and West Drayton Road, and as a site for building purposes is most certainiy unequalled so near Manchester. The property is iet at nominai ground rents, amounting to £14 per annum, but these leases are expiring in a few years' time, when the vacant possession of the site wiii be obtained.

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17 A 42 a

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80 A 210 a

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6 1.188

ESTABLISHED INSURANCE COMPANIES IN MANCHESTER Proposed Amalgamation will be informally submitted to the Shareholders at the next Ordinary Annual Meeting

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MILLBOARD AND STRAWBDARD
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Particulars and Price List on application to

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57 A 6-POINT LINING GOTHIC, No. 4 11 LBS.

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48 DENSHAM ROAD
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DEAR SIR,

WE HAVE MUCH PLEASURE IN ENCLOSING YOU HEREWITH A FEW SAMPLES OF OUR NEW AND ORIGINAL MANUFACTURES TRUSTING YOU WILL DISCOVER AMONG THE NUMBER SOME TO GIVE YOU SATISFACTION.

CUSTOMERS ARE URGENTLY REQUESTED TO FORWARD THE SAMPLE NO. WHEN ORDERING.

OUR PRODUCTS BEING MADE WITH MATERIALS OF HIGHEST QUALITY ONLY, THE PRICES IN THE LIST ARE STRICTLY NET.

YOURS FAITHFULLY,

THE PARAGON MNFG. CO.

COMPILED BY THE SECRETARIES OF VARIOUS ATHLETIC SOCIETIES IN THE DISTRICT.

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OF

RAMBLES



PUBLISHED BY THE

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THE ROBERTSON SYNDICATE

EDINBURGH EXHIBITION

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22-POINT CONDENSED SANS-SERIS

10 LBS.

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20-POINT CONDENSED SANS-SERIF

8 LBS,

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16-POINT CONDENSED SANS-SERIF

7 LBS.

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6-POINT CONDENSED SANS-SERIF

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THE PENINSULAR AND ORIENTAL STEAMSHIP COMPANY LIMITED

78 A

6-POINT CONDENSED SANS-SERIF—SM. CAPS.

2 LBS.

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48-POINT CONDENSED SANS-SERIE NO. 3

15 LBS.

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6 A

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9 A

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74 A 10-POINT COND, SANS, NO. 4 5 LBS.

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110 A 6-POINT COND, SANS, NO. 4 3 LBS.
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8 4 18 5

72-POINT CONDENSED SANS-SERIE NO (

30 t ps

MERCHANDISE Historic Events

8 A 20 a

60-POINT CONDENSED SANS-SERIF NO. 6

22 1 DV

HUGE DEMANDS Methodical Works

8 A 20 a

54-POINT CONDENSED SANS-SERIF NO. (

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9 A 24 a

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EDINBURGH Social Guilds

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National Reformers

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STATE CEREMONIALS ATTENDED BY ACTORS

RHODESIAN DEVELOPMENTS COMPANY LIMITED

SEVENTEENTH ANNUAL REPORT

AND STATEMENT OF ACCOUNTS

TO BE PRESENTED TO THE SHAREHOLDERS AT AN EXTRAORDINARY GENERAL MEETING FIXED FOR WEDNESDAY AFTERNOON NEXT AT THE MANCHESTER HOTEL, CHEAPSIDE. VISCOUNT NORTHAMPTON IN THE CHAIR

LONDON DFFICES:
68 CAMBRIDGE ROAD, HOLBORN

CAPETOWN OFFICES:
452 COSMOPOLITAN AVENUE

9 A 24 a

60-POINT CONDENSED SANS-SERIF NO. 8

30 LBS.

DEMONSTRATE Sound Method

9 A 24 a

48-POINT CONDENSED SANS-SERIF NO.

24 LB

MODEST DESIGN Praise Received

9 A 24 a

42-POINT CONDENSED SANS-SERIF NO. 8

20 I.B

ACTING MEMBERS Donation Reduced

14 A 36 a

36-POINT CONDENSED SANS-SERIF NO. 8

20 LBS.

NORTHERN INSURANCE New Schedules Issued Remarkable Increase

18 A 48 a 30-PT. COND. SANS. NO. 8

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8 LBS.

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145 A 360 a 6-PT. COND. SANS. NO. 8

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INTERESTING EXPERIMENT BY THE BARMOUTH EDUCATION AUTHORITY
Remarkable Examination Results obtained by Technical Stedents attending
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Manufactured Throughout by Skilled British Workers

The Prices quoted throughout this Catalogue are strictly net and are based on a scale consistent with good work

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We cordially invite you to visit our Showrooms and hear the very best Gramophone Records made. All the leading Singers and Bands perform

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72-POINT CONDENSED SANS-SERIF NO. 10

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8 A 18 a

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30 LBS,

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28 LBS

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30-POINT CONDENSED SANS-SERIF NO. 10

BIRMINGHAM PERFORMANCE **Remarkable Histories Dramatised**

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24-POINT CONDENSED SANS-SERIE NO. 10.

20 F.HS

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38 A 100 a 14-POINT CONDENSED SANS, NO. 10

HANDSOME DESIGNS **New Casion Productions**

48 A 128 a 12-POINT COMPENSED SANS, NO 10 12.11%

METROPOLITAN DISPENSARIES **Smallest Donation Earnestly Solicited**

71 A 188 a 8-POINT CONDENSED SANS, NO. 10

ESTABLISHED MARINE INSURANCE COMPANIES Balance Sheet and Statement of Accounts submitted to the Shareholders at General Meeting

INTERESTING DISCOURSES **Gainsborough Debating Society**

59 A 156 a 10-POINT CONDENSED SANS, NO. 10.

10 1.05

CHARMING RESIDENCES FOR DISPOSAL Selhurst Estate situated near Eastminster Park

81 A 216 a 6-POINT CONDENSED SANS, NO 10

DIRECT COMMUNICATION ESTABLISHED IN BIRMINGHAM Improved Underground System of Electric Railways Formally Opened on September 24th by His Majesty the King

Aldenham Institute

ANNUAL REPORT

for the year ending September 29

1914



Goldington Crescent, Pancras Road, London, N.W.

HENDERSONS

Drapery & Furnishing Emporlum

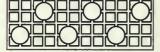
During the recent period of severe depression we have made very large purchases in all Departments of Goods at prices very much below the usual cost of production and are now offering same at exceptionally low prices for cash. The reductions are strictly confined to present stock, and the Goods in this Catalogue are only offered subject to being unsold upon receipt of order :: :: ::

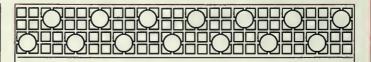
4th Great Sale

Monday & Tuesday ... March 6 & 7

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The Marine Gardens Folkestone







SBORNE Hotel Is situated in the healthiest part of Folkestone and commands a lovely and uninterrupted view of the sea and the surrounding country. The principal feature of the Hotel is its extensive Gardens planted

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14 1 200

36-POINT CONDENSED SANS-SERIE NO. 12

25 1.118

MODERN INSURANCE SCHEME Remarkable Protest Demonstrations

21 A 56 a

30-POINT CONDENSED SANS-SERIF NO. 12

25 LBS.

CHARMING DETACHED RIVERSIDE HOUSE Historic Structure with Handsome Decoration

Hand&Heart

Building Society Limited

Established December 1904

The Twenty-Eighth

Quarterly Report

Statement

To be submitted to the Ordinary Shareholders at the General Meeting hetd at the Dorchester Restaurant on Monday Afternoon October 23

Central Office in London:

283 Embankment Road

27 A 72 a

24-POINT CONDENSED SANS-SERIF NO.

20 LBS.

PERMANENT EXHIBITIONS Collection of Fiscal Documents

38 A 100 a

18-POINT CONDENSED SANS-SERIF NO. 12

DI LIES.

BIRMINGHAM MUNICIPAL BANDS New Classical Overtures Performed

44 A 116 a

a 14-point Condensed Sans-Serie No. 12

14 LBS

ESTIMATED REVENUE FROM IMPORTS Valuations are based on reliable Statistics

48 A 128 a

12-POINT CONDENSED SANS-SERIE NO. 12

12 1 10

INTERESTING LECTURE ON EXPLORATION Famous Explorer Entertains Large Audiences

56 A 148 a

10-POINT CONDENSED SANS-SERIE NO. 12

10 t.res

EDUCATIONAL CENTRES IMPARTING KNOWLEDGE Descriptions of Remarkable Monuments and Statuary

71 A 188 a

8-POINT CONDENSED SANS-SERIE NO. 12

8 LDS.

DEMONSTRATION OF REMUNERATIVE IRISH MANUFACTURES
Grand Exhibition held in the Waterford Public Hall on Wednesday

81 A 216 a

6-POINT CONDENSED SANS-SERIE NO 12

6 LHS.

EXPENSES OF THE PRINCIPAL COMPANIES IN THE UNITED KINGDOM Offices and Agencies established in the principal Towns of Greater Britain

14 A 36 a

30-POINT CONDENSED SANS-SERIF ITALIC

19 LBS

HANDSOME IRISH EMBROIDERY Bradford International Exhibition

17 A 42 a

24-POINT CONDENSED SANS-SERIF ITALIC

5 LBS.

BRITISH INVESTORS REMUNERATED Profitable African Diamond Mine Shares

23 A 60 a

18-POINT CONDENSED SANS-SERIF ITALIC

12 LBS.

PRESENTED TO SCOTCH MUSEUM AUTHORITIES
Remarkable Examples of Ancient British Pottery

38 A 100 a 12-POINT CONDENSED SANS-SERIF ITALIC

10 LB

NEW SCHOLASTIC ESTABLISHMENT Educational Advantages Demonstrated

42 A 112 a 10-POINT CONDENSED SANS-SERIF ITALIC 8 LBS.

NEW PRODUCTION BY EMINENT AUTHOR

Report of Education Commissioner for Ireland

48 A 128 a 8-POINT CONDENSED SANS-SERIF ITALIC 6 LBS.

BIRMINGHAM AND DISTRICT INSURANCE COMPANIES

Prospectus and all Information supplied by the Secretary

53 A 140 a G-POINT CONDENSED SANS-SERIF ITALIC 4 LBS.

COMMISSIONERS FOR MUSEUMS AND INTERNATIONAL EXHIBITIONS

Standard Works by celebrated Authors embracing Literature and Theology

45 A 120 a 6-PT. COND. SANS-SERIF ITALIC—SM. FACE 3 LBS.

DICTIONARY OF UNIVERSAL KNOWLEDGE CONTAINING NUMEROUS PLATES
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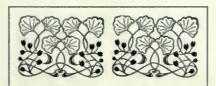
Useful Knowledge Imparted at Exceptionally Low Terms



Practical Instructions Given to Pupils in all Departments

The Winter Session will begin on Thursday next October 24th at Six p.m. Specimens of Lining

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No. 14

A useful addition to the Con. Sans. Family, produced in thirteen sizes from six-point to seventy-two point

H. W. Caslon & Co.

Limited, Typefounders, 82-83 Chiswell Street, London, E.C.



MODERN BORDER Tasteful and Original

9 A 24 a

60-POINT CONDENSED SANS-SERIE NO. 1

32 LBS.

REGISTERED DESIGN Characteristic Specimen

9 A 24 :

48-POINT CONDENSED SANS-SERIE NO 1-

28 1 BS

ENTERPRISING RICHMOND Remarkable Scheme Proposed

11 A 28 a

42-POINT CONDENSED SANS SERIF NO. 14

24 LBS.

NORTHUMBRIAN RESIDENCES
Handsome Architecture Introduced

BIRMINGHAM BOROUGH RETURNS **Dubious Statement and Figures Verified**

18 A 48 a

30-POINT CONDENSED SANS-SERIF NO. 14

20 LBS.

HARMONIOUS DECORATION CONSIDERED Conference Discloses Remarkable Divergencies

36 A 78 a

24-POINT CONDENSED SANSSERIE NO. 14

20 T HS

CONTINENTAL EXHIBITION OF PRINTING MACHINERY **Practical Demonstrations Showing Latest Mechanical Patents**

54 A 98 a

18-POINT CONDENSED SANS SERIF NO. 14

OXFORD AND CAMBRIDGE UNIVERSITIES PRELIMINARY SCHOLARSHIPS Particulars Relating to Examination together with Entrance Forms can be Obtained from the County Education Authorities or Clerks of the Borough Councils

66 A 154 a

14-POINT CONDENSED SANS-SERIE NO. 14

14 t.us.

INSTRUMENTAL PERFORMANCES GIVEN BY THE SHERINGHAM PHILHARMONIC SOCIETY Numerous Selections from Old Masters and Modern Composers were Rendered by an Efficient Orchestra The Eastbourne Promenade Concert Party with Augmented Choir of Fifty Voices assisted

76 A 180 a 12-POINT CONDENSED SANS-SERIF NO. 14 12 LBS.

90 A 224 a 10-POINT CONDENSED SANS-SERIE NO. 14

10 LBS.

NORTHUMBRIAN WATERWORKS EXTENSION

Remarkable Enterprise of Joint Municipal Water Boards Plans Drafted for Construction of Reservoirs

SCHEDULF RECEIVED FROM BEDFORD LOCAL BOARD

Government Resolutions Enclosed Respecting Poor Law Administration Important Amendments Proposed by County Authorities

113 A 275 a

R-POINT CONDENSED SANS-SERIE NO. 14

VICTORIAN PAGEANT BY THE METROPOLITAN DRAMATIC SOCIETY Characteristic Costumes and Magnificent Uniforms Displayed Representing that Period Spectacular Production Staged amidst Beautiful Riverside Scenery

145 A 360 a

6-POINT CONDENSED SANS-SERIE NO. 14

PRACTICAL DEMONSTRATIONS WITH SOME MECHANICAL INVENTIONS AT DUTMPIA

Interesting Turbine Engines for Electrical Steamboots Exhibited Presenting Several Scientific Improvements Bisgrams and Photographs are being Socially Prenared for the Westrated Lecture

SS & SS CHIBWELL ST., LONDON, E. C.



OUR JOINERY DEPARTMENT is fitted with the most modern machinery for the manufacture of the finest Wood Goods for the Printing Trade and all the material used in their production is quaranteed to be of well seasoned timber of the best quality obtainable. Reliable workmanship with attention to detail is given to each article and before leaving the works is approved and tested. When comparing prices of any other maker with those of the Casion Letter Foundry the quality of the timber used should also be taken into consideration. We invite you to inspect our stock at our showrooms: 82 & 83 Chiswell Street, London, E.C. and 11 New Brown St., Manchester, where our selection may be viewed.

OUR STEEL FURNITURE has intrinsic value not only in the time saved but also in the greater accuracy secured over every other class of furniture. By comparing it weight for weight it goes six times as far when filling up space as metal furniture and can be used in from one-half to one-sixth of the time. It is made correct in every possible way to the thousandth part of an inch. It is not only practically perfect when new, but being of steel it is not easily damaged, therefore it is certain to remain accurate. There is no need of springing the chase to get a sound lock-up, and its use not only makes the forme truer but also lighter. It saves weight on the press and does not work up in the formes. ft is incomparable for colour work.

REQUISITES

for modern printers

IMPORTANT CASLON SPECIALITIES

HOSE of our customers who are contemplating additions to their plant will profit by studying our Latest Specimen Book of Type Faces, which also embodies an illustrated Catalogue containing over a hundred pages of requisites for the printer. These pages cover the whole extensive field of Printing Office Materials, and as we are constantly revising and adding to them our patrons are assured of the most up-to-date ideas being brought under their notice. Among the additions which are worthy of more than a casual glance are the Universal Machine for Printers, and the Clements Case Dust Extractor, the former is specially designed for printers who handle large quantities of Illustrated Catalogue and Half-tone Work, while the latter must prove a necessity where Dust-proof Frames and Cases are not yet introduced. Prices with full information sent on application.

Caslon Letter Foundry

82 and 83 CHISWELL STREET, LONDON, E.C.



Manufactured by the Caslon Letter Foundry Chiswell Str.: London



Morland do. Italic Rothbury Osborne do. Expd. Primitive Caligraph Quill Pen Cleopatra Pisa Ruskin Johnsonian Enchorial do. Expd. Caslon Caxtonian Perspective Ornamented Nos. 31 & 32



MEDIUM Defendants

5 A 12 a

60-POINT RUSKIS

38 LBS.

48 LBS.

RECORD Bright Ideas

5 A 12 a

48-POINT RESKIN

28 LBS.

PRODUCING Modern Printing

8 A 20 a

36-POINT RUSKIN

25 LBS.

INDUSTRIOUS
Reputation Established

PROFITS RESTORED Elaborated Scheme Detailed

14 A. 36 a

24 POINT RUSKIN

20 LBS

MUNIFICENT DONOR Prominent Charitable Institution Bequeathed £8562

23 A 60 a

18-POINT RUSKIN

18 1 18.

COMBINED FISHING EXCURSION North Kensington Piscatorial Aid Societies Enjoyable Amalgamation

30 A 80 a

14-POINT RUSKIN

14 LHs.

HARMONIOUS DESIGNS REQUIRED Modern Printing Demands Harmonious Type Effects Discerning Customers Acquiesce

35 A 92 a

12-POINT RUSKIN

12 LBS.

38 A 100 a

10-POINT RUSKIN IMPROVED EQUIPMENTS

Large Expenditure Quickly Realised

Facilities Augmented

10 LBS.

REMARKABLE DEMAND Original Display Advertisements Leading Magazines

48 A 128 a

8 POINT RUSKIN

8 1.BS.

NATIONAL PROVIDENT SOCIETY Established to promote Thrift and Economy in Indigent Neighbourhoods

63 A 168 a

6-POINT RUSKIN

IMPORTANT PRODUCTIONS FORTHCOMING Arrangements have been completed with eminent Authors Inexpensive Editions Advocated

Held continuously since 1897.

Empire Quadrille Parties



Burlington Hotel,
BANGOR.

Dear Sir.

We have much pleasure in informing you that the first Dance of the Season will be held at the Central Restaurant, Haymarket, on Saturday, 23rd October.

I shall be glayou will kind notify me ho many tickets in order that could be mad It is propose these Dances

You

Richardson

Branches:

Liverpool
Manchester
Leeds
Birmingham
Preston
Newcastle
Dublin
Cork
Glasgow
Edinburgh
Dundee
Bristol

Manufacturing Company

Beg to notify all the retail ironmongers in this town that on the 15th September next they intend opening a Branch in the High Street for the sale of

GEO. W. RENTON Secretary R. N. HAMILTON Chairman JAS. F. GORDON Manager

Dublin Electrical Co.

243 Market Square

Dublin

Manufacturers of all the new devices for Heating, Cooking, Propeiling, and Lighting by Electricity.

П

St. Gabriel's Literary & Debating Society

> Syllabus for 1914

Meetings are held every Monday evening in the New Parish Hall



Price List post free Nurserymen

John Dainby & Co.

Harrow Road, N.E.

1

A The items enamerated in this List have all been carefally selected by our representatives from the best narserles in Holland and Belgium.

A They are gaaranteed to be of soundest quality throughout and will be readily exchanged if not found to give you entire satisfaction.

WE PAY \$65666 CARRIAGE ON 6 ALL ORDERS 66 OF \$25 AND 666 UPWARDS 666



A Our Balb and Seed Catalogue for next year is now in the hands of the Printers and will be issaed towards the end of November.

Alt contains details of every known variety of flowering Bulb and Seed and is fally illastrated. An early application for a copy is advisable.

CATALOGUE a and PRICE LIST

RERERERERERERERERE

PALMS IN VARIETY

REERBERERERERERERE

Hubert Gardner

Royal Nurseries & Enfield

DESIGN Refrained

5 A 12 a

60-POINT MORLAND

40 LBS.

BINDER Hard Metal

5 A 12 a

48-POINT MORLAND

29 LBS.

PREMIUMS Great Demand

8 A 20 a

36-POINT MORLAND

26 LBS.

DISTINGUISH Increased Production

CHOICE SPECIMENS Grand Begonia Exhibition

14 A 34 a

21 POINT MORLAND

20 LHs.

CONDENSED REPORT **Banstead Urban District Council** Quarterly Meeting

20 A 56 a

18-POINT MORLAND

18 1.18

MODERN REGISTERED DESIGN **Enabling Jobbing Compositors to Readily Execute Quaint Typography**

26 A 76 a

14-POINT MORLAND

14 1.11%

BERKHAMPSTEAD GARDEN CITY Promoted to amalgamate in a natural and harmonious condition the Artizan Classes

33 A 88 a

12-POINT MORLAND

12 LBS.

35 A 102 a

10-POINT MORLAND NOVEL EXPERIMENTS

Mechanical Appliances Introduced

Best Results Obtained

10 1.88.

ENHANCED PROFITS Display Printing Remunerated High Rates Charged

60 A 162 a

6 POINT MORLAND

6 L18.

Mr. A. 132 a

8 POINT MORLAND

8 1.118.

LABOUR-SAVING IMPOSING SURFACES A most Orderly and Compact Arrangement that greatly facilitates Imposition and Locking-up

IMPROVED TYPE CABINETS Specially Designed and Manufactured of the Very Best Seasoned Wood

ENDURE Admiration

5 A 12 a

60-POINT MORLAND ITALIC

37 LBS.

DERIDE Emblazoned

5 A 12 a

48-POINT MORLAND ITALIC

26 TRS

EXHIBITED Musical Records

8 A 20 a

36-POINT MORLAND ITALIC

25 LBS.

PRODUCTIONS Recent Choice Novelties

BRITISH TRAMCARS Increased Services Desirable

16 A 40 a

24-POINT MORLAND ITALIC

20 1.188.

ENHANCED DEMAND Many Original Advertising Novelties Printed Documents

21 A 56 a

18-POINT MORLAND ITALIC

18 LBS.

ORCHESTRAL PERFORMANCES Enjoyable Entertainments Provided Nightly Crowded Houses Applaud

27 A 72 a

14-POINT MORLAND ITALIC

14 LBS

AGRICULTURAL TRAINING SCHOOL Philanthropically Inclined Gentlemen Earnestly Requested to forward Donations to Secretary

36 A 96 a

12 POINT MORLAND ITALIC

12 LBS.

36 A 96 a 10-POINT MORLAND ITALIC

10 Lus.

HISTORICAL BANQUET Memorable Assemblies Patronised by the Royal Family

54 A 142 a

8-POINT MOREAND ITALIC

8 LBs.

MODERN ARTISTIC PUBLICATION

Five Gold Medals & Twelve First Class Dipiomas

Awarded for Originality

63 A 168 a

6-POINT MORLAND ITALIC

PERFECTED TYPOGRAPHY

Instructive and Interesting Collections

Quarterly Exhibitions

6 1.88.

COLONIAL GOVERNMENT SECURITIES

Notable Decrease in Prices consequent upon the unfotourable

Reports received from the Mines

JOHN BARDEN & CO.

Contractors ** Builders ** Decorators

234 Cosmopolitan Road

GEO. HENDERSON

Manager

BRADFORD

19

456 Westminster Road

East Manchester

June 1914

Dear Sir

Smart Tailoring

We have pleasure in forwarding you Patterns of choice and new designs in Serges, Tweeds, and Cheviots for the ensuing Season, and hope to receive a continuance of your esteemed orders

We are also pleased to inform you that we have secured the services of an eminent London Cutter who personally superintends the cutting of all clothes ordered from us, our customers are thus certain of obtaining the latest fashions and correct style

Promptitude and exactitude have always characterised our operations, and you may rely upon orders received by us being satisfactorily executed in one week from receipt of order

We beg to remain

Yours respectfully

DUNCAN BROS.

New Book by Arthur Stanly

BBBBBBBBBBB



N this novel there are appeals to the reader when our author decides to forsake the drift of the narrative

in order that he may indulge in one of those pleasing sermons so dear to the early Victorian period. The reader will close the book with a sense that here is something curiously elusive and undefinable, a compound of good nature and tranquility, and a kind of gold atmosphere which is not usually found in the bitter though clever fiction of the present day. It is almost impossible to resist it and not to admire the untiring courage and industry which the author exhibits throughout ØØØØØ

REBERBEBB

A Published at 6s. net by

Robert Grant

Paternoster Bldgs. N.W.

Useful Information for Holidays



ANY persons just now are trying to decide where they will spend their annual vacation. We can offer you

any information that may be required. A list of the best Hotels and Boarding Houses in all parts of the Kingdom and the Continent, together with their charges, are kept for reference. Full details of Rail and Boat facilities are at the disposal of Tourists, and our staff will be pleased to supply every information



Call or correspond with the

Travel Era Bureau

Aldersgate Street, London.

0

DANGER Manifested

5 A 12 a 60-point Rothbury 38 lbs.

PERIODS Ideal Bands

6 A 16 a 48-POINT ROTHBURY 38 LES.

EMBARKING Choice Produce

8 A 20 a 36-point Rothbury 24 les.

REMONSTRATED
Methodical Designers

HARMONIOUS DESIGNS Estimates Furnished Daily Credit Restored

15 A 40 a

24-POINT ROTHBURY

21 1.88.

EDINBURGH CEREMONIES Prominent Citizens Demonstrate Heartiest Reception

21 A 56 a

18-POINT ROTHBURY

18 LBs.

SOCIETY ENTERTAINERS PROVIDED International Amusement Bureau Limited Many Juvenile Prodigies

26 A 68 a

4-POINT ROTHBURY

14 LBs.

RICHMOND CORPORATION DEBENTURES

Application Forms obtainable from the Town Clerk

every Monday during August

32 A 84 a

12-POINT ROTHIN'RY

12 1.118.

36 A 96 a 10-POINT ROTHBURY

10 LHS.

DEMOCRATIC MEASURES
Second Reading Amendments
Unanimously Passed

MARGATE RAMBLING CLUB
First Invitation Walking Handicap
Eighteen Competitors

48 A 128 a

8 POINT ROTHBURY

8 LHs.

59 A 156 a

6-POINT ROTHBURY

6 LBS

PROPOSED TAXIMETER SERVICES
Important Regulations Enforced Throughout
London and the Provinces

NEW METHODS OF MEDICAL INSPECTION

Medical Inspectors to make careful differentiation of the children as regards their capacities

Bedford Metropolitan Railway

Have just arranged a Special Service of Trains on Sundays commencing in May next for :: :: :: ::

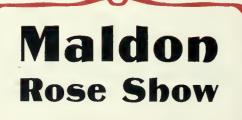
Country Rambles

in the Beautiful Woods and Valleys of the County. For further particulars see Illustrated Posters or apply to

HERBERT ROBINSON, General Manager,

BOURNEMOUTHElectric Light Syndicate

CHARLES N. BROWN Secretary FRED R. HENDRICK



Exhibitors'
Ticket



Maldon Recreation Ground Friday & Saturday, June 19th & 20th

MALDON ROSE SHOW



Exhibitor's Ticket



This part to be retained during both days

3 A 12 a

72-POINT CLEOPATRA

32 LBS

New Models

3 A 16 a

48-POINT CLEOPATRA

20 Litis

Irish Mail

5 A 24 a

36-POINT CLEOPATRA

16 LBS.

Neat Designs

5 A 24 a

30-POINT CLEOPATRA

12 LBS.

Modern Pastime

8 A 36 a

24-POINT CLEOPATRA

10.115

Raglan Musical Society Unique Entertainments

9 A 48 a

18-POINT CLEOPATRA

Q t the

Royal Borough of Kensington Proposed Road Improvements

14 A 72 a

12-POINT CLEOPATRA

6.1 100

Some Novelties in Parisian Millinery Exhibited at the Burlington Showroom



Grand Pianoforte Recital



Kew Conservatoire Monday, 14th September



3 A 12 a

60-POINT CLEOPATRA

25 LIB

Latest Fashions

BIRMINGHAM Contracts Secured

9 A 24 a

36-POINT OSBORNE

24 LBS.

DISESTABLISHED Historical Parish Records

14 A 36 a

30-POINT OSBORNE

23 LBS.

REMARKABLE FEATURE Direct Stimulations to Business

17 A 44 a

- 24-POINT OSBORNE

20 LBS.

URGENT REQUIREMENTS Methodical and Industrious Workers

28 A 64 a

18-POINT OSBORNE

18 LBS.

36 A 84 a 14-point Osborne

15 LBS.

TRADE RETURNS Fluctuation Anticipated

46 A 100 a

12-POINT OSBORNE

12 LBS.

SCIENTIFIC DISCOVERIES
Important Developments Expected
Prompt Remuneration

66 A 160 a

8-POINT OSBORNE

9 1 DC

TRIUMPHANT MODERN JOURNALISM
Superb Illustrations Combined with Letterpress of a
Very High Literary Character

54 A 148 a

10-POINT OSBORNE

MUSICAL PRODIGIES
Grand Morning Performance

10 LBS.

BRIGHT WEATHER PROSPECT

Meteorological Observations Undertaken

Highly Favourable Report

80 A 180 a

6-POINT OSBORNE

6 LBS.

QUARTERLY TECHNOLOGICAL EXAMINATIONS

Conducted by Eminent Craftsmen and Prominent Instructors in

London Institutes and Polytechnics



EDINBURGH

AND ITS CASTLE

BEING A DETAILED AND HISTORICAL ACCOUNT OF THIS ANCIENT CITY
COMPILED FROM MOST RELIABLE AND AUTHENTIC SOURCES
TOGETHER WITH COMPLETE DETAILS OF RECENT
DEVELOPMENTS AND IMPROVEMENTS
ALSO THE HISTORY OF THE
CELEBRATED OLD
CASTLE



Compiled by

James Douglas Macdonald



Printed for Private Circulation only by

The Royal Scottish Printing & Publishing Company Limited

Edinburgh :: Glasgow :: Aberdeen :: Dundee

RISKED Banished

5 A 12 a

48 POINT OSBORNE EXPANDED

34 LBS.

MODERN Ideal Resort

9 A 18 a

36-POINT OSBORNE EXPANDED

28 LBS.

HANDSOMER Method Desirable Cost £123

9 A 24 a

30-POINT OSBORNE EXPANDED

24 LBS.

REMUNERATED Production Enhanced Brisk Returns

IMPROVED METHOD Brentford District Councils

20 A 41 a

18-POINT OSBORNE EXPANDED

18 LBS

RESTORE CONFIDENCE Interested Parishioners Exhorted Notable Gathering

25 A 56 a

14 POINT OSBORNE EXPANDED

15 FBS

CHOICE MODERN RESIDENCES Riverside Localities Adjoining Maidenhead Healthiest Neighbourhood

32 A 70 a

12-POINT OSBORNE EXPANDED

12 LBS.

IMPORTANT ADVERTISING MEDIUM Guaranteed Circulation Exceeds Fourteen Thousand Distinguished Contributors

35 A 78 a

10-POINT OSBORNE EXPANDED

10 LBS.

REMARKABLE DEVELOPMENTS EXPECTED

Navigable Aeroplanes Successfully Launched in Edinburgh

Mechanical Contrivances Improved

50 A 112 a

8-POINT OSBORNE EXPANDED

8 LBs.

DOMESTIC & GENERAL INSURANCE POLICIES ISSUED

Birmingham Equitable Assurance Society have recently made gigantic reductions in the Premiums for all classes of Insurance

60 A 132 a

6 POINT OSBORNE EXPANDED

6 Lus

HUDDERSFIELD CORPORATION, FOUR PER CENT. REDEEMABLE STOCK

The Directors of the North British Banking Company Limited are Hereby Authorised to issue the above-mentioned Stock to the Public on Saturday next

Authentic Chroniclers Demonstrated Grand Historical Revivals Brilliant Ceremony

9 A 24 a

24-POINT PRIMITIVE

12 LBS.

Financial Stability Guaranteed
Reserve £123456
Rorth American Banking Corporation
Seventh Quarterly Report

11 A 28 a

18-POINT PRIMITIVE

9 LBS,

International Tourist Agency Limited
Rorthampton Branch
Improved Continental Travelling Arrangements
Substantial Reduction Obtained

18 A 48 a

12-POINT PRIMITIVE

6 LBS.

Publishers Rotify Record Output Throughout September
Unprecedented Demand for Rovels
Classical Works by Eminent Authors Published at Moderate Prices
Autobiographies and Historical Reminiscences



Kindly Take Rotice!

orchester Pageant

HE Mayor and Corporation of this ancient Borough in Meeting assembled on Wednesday the Rinth day of June last agreed to hold a Pageant depicting the most interesting Historical Episodes that have taken place in or near the Borough from the reign of William the Conqueror to Victoria the Good. The event will be held on Thursday and Briday the Third and Fourth of August in Estcombe Park by kind permission of Ltady Mary Dalhousie.

A Town's Meeting will be held on Monday the Fourth of July in the Public Hall at half-past eight to discuss the preliminary arrangements and to enrol residents wishing to participate in the Tableaux.

Edgar Mansfield,

Town Clerk.

8 A 10 a

60-POINT JOHNSONIAN

25 LBS

RESPOND Predicted

 $8~\mathrm{A}^{\circ}$ 10 a

54-point Johnsonian

20 LBS.

ENTRANCE Rehearsals

9 A 12 a

48-point Johnsonian

20 LRS

INVENTIONS Remunerate

9 A 12 a

42-POINT JOHNSONIAN

15 LBS.

MARKETABLE Clever Devices

12 A 16 a 36-POINT JOHNSONIAN

15 LBS.

ENSURING Methodical

14 A 18 a 30-POINT JOHNSONIAN

12 LBS.

Modern Hotel

18 A 21 a 24-POINT JOHNSONIAN

10 r rs

EXCURSIONISTS Charming View

27 A 36 a 18-point Johnsonian

8 lbs.

NOTABLE GATHERING Important Personages

45 A 60 a 12-POINT JOHNSONIAN

6 1 141

CASLON'S DUST-PROOF FRAMES Made in a solid and substantial manner of best seasoned wood

 $48~\mathrm{A}~64~\mathrm{a}$ – 10-point Johnsonian

5 LBS.

AUTHORISED MODERN PUBLICATIONS Dealing with important events chiefly in the respective Colonial Parliaments

63 A 84 a 8-POINT JOHNSONIAN

4 LBS.

METROPOLITAN HOSPITAL SATURDAY COLLECTION
Philanthropists readily respond to urgent appeal
made on behalf of the London Medical Charities

78 A 104 a 6-POINT JOHNSONIAN

3 LBS

CENERATED EUROPEAN CONNOISSEUR ENTERTAINS NOTABILITIES
Famous Collection of Mesterpieces in Tapestry Oil Peintings and China
elicit unanimous Preise and Admiration from the assembled Visitors

Special Exhibition for the London Season of

Beautiful Furniture

Drawing Room Suites

Cabinets

Dining Room Suites

Bureaus

Bedroom Suites attention to their Unique Exhibition, to which you are cordially invited to pay an early visit of inspection.

The Exhibition comprises Specimens of the

Most Exquisite Examples **

of Chippendale, Sheraton, and other antique masterpieces, besides examples of the best modern workmanship. In the Art Section the Paintings in Oil, Drawings and Etchings, represent work by the very foremost living Artists, and are now exhibited for sale for the first time together with several Genuine Old Masters.

Premises have been recently acquired at the corner of Knightrider Road and Ravenscourt Parade, South Kensington, and in improving them, the comfort and convenience of our Customers has been most carefully studied.

Whatnots

Tables

Chairs

0il Paintings

Water Colour Drawings

Etchings

RICHARD BROTHERTON & CO.

West-end Showrooms :: KNIGHTRIDER ROAD, KENSINGTON

Important Notices Unauthorised

3 A 16 a

48-POINT CALIGRAPI

22 LBS.

Neasden Operatic Party Nusical Sketches

5 A 24 a

36-POINT CALIGRAP

17 TES

Strenuous Athletic Competitors Favourable Reports

6 A 30 a

15 LBS

International Competitive Examination Droitwich Literary Societies

8 A 40 a

24-POINT CALIGRAPH

12 LBS

Fashionable Ornaments Manufactured Periodically
Innumerable Designs Reproduced

11 A 52 a

18-POINT CALIGRAPH

10 LBS

Orchardson Brothers intimate their intention of starting business as

Artistic Printers and Manufacturing Stationers

Illustrated Catalogue of

Record Motors

for 1914

Sanspareil Works,
South Coventry.

Dear Sir or Madam,

We have much pleasure in submitting to you our Illustrated Catalogue containing the newest models of the celebrated Record Motor Cars. They have now become famous throughout Great Britain and Colonies for their

Durability & Reliability

and are built throughout and upholstered at our works in Coventry by skilled British mechanics. The prices herein quoted are subject to twenty per cent. discount for cash on delivery, and we venture to assert that no cheaper Cars, consistent with the workmanship and materials employed in their construction, are obtainable.

Yours faithfully,

Petrol Bros.

3 A 16 a

5-LINE PICA QUILL PEN

30 LBS.

Historic Carnival

5 A 24 a

4-LINE PICA QUILL PEN

25 LBS.

Golden West Exhibition

5 A 24 a

2-LINE DOUBLE PICA QUILL PEN

20 TES

Amateur Dramatic Companies

6 A 28 a

2-LINE GREAT PRIMER QUILL PEN

15 LBS.

Special Performance for Charity

8 A 40 a

2-LINE ENGLISH QUILL PEN

15 LBS.

International Horticultural Deputations

11 A 52 a

DOUBLE PICA OUILL PEN

12 LBS.

Representative Gathering of Influential Merchants

12 A 64 a

GREAT PRIMER QUILL PEN

10 LBS.

Demonstrations Organised in favour of Increased Armaments

Kindly Note! That on and after Saturday next the 24th inst. our Head Office will be transferred to Market Row, Edinburgh, where all enquiries and communications should in future be addressed.

By Order.

Steel Furniture

Perfectly true to the Point System Steel Furniture is made of strips of steel cut to measures with notched ends. It is formed into hollow squares, and used to fill up spaces quickly in printing formes. The steel is either 24 or 36 points wide, and five-eighths of an inch high. Weight for weight it goes nearly six times as far in filling space as metal furniture, and can be used in about one-half to one-sixth of the time.

For colour or blank work there is nothing in use that compares with it. Its great value is in the time it saves and the greater accuracy it secures over every other kind of furniture. It is accurate in every way to the thousandth part of an inch, and being of steel is not easily battered and is certain to remain correct. It makes not only truer formes but lighter formes.

A Great Labour and Time Saver



The Caston Letter Foundry Chiswett Street , , , , , London, E.C.

ENCHORIAL SERIES

12

42-POINT ENCHORIAL

15 LBS.

RICHMOND EXHIBITION

15 A

36-POINT ENCHORIAL

14 LBS.

METROPOLITAN RAILROADS

20 A

30-POINT ENCHORIAL

12 LBS

BOURNEMOUTH

24 A

24-POINT ENCHORIAL

10 LBS.

MERIONETHSHIRE

30 A

8-POINT ENCHORIAL

8 LBS.

LANCHESTER STORES KINGSTOWN

42 A

14-POINT ENCHORIAL

7 LBS.

BIRMINGHAM MANSIONS HISTORICAL

45 A

12-POINT ENCHORIAL

6 LBS.

MAGNIFICENT * EXHIBITIONS REMINISCENCES

45 A

10-POINT ENCHORIAL

5 LBS.

MACHINE FOR GOOD WORK

72 /

8-POINT ENCHORIAL

4 LBS.

THOROUGHNESS IN ALL DETAILS BECOMES SECOND NATURE TO A MODERN PRINTER

81 3

6-POINT ENCHORIAL

3 LBS.

ELECTRICITY IS SAFE SURE AND ECONOMICAL AND IS
BECOMING POPULAR IN THE PRINTING OFFICE



CENTRAL*RAILWAY

EXCURSION

TO

DONCASTER

FROM KINGS CROSS DAILY AT 8-0 A.M.



RETURN FARE 8/6

9.1

36-POINT ENGIORIAL EXPANDED

8 1.88

NORTHERN

11 A

30 POINT ENGHORIAL EXPANDED

15 LBS

REFERENDUM

14 .1

24 POINT ENGHORIAL EXPANDED

13 LHS.

IMPROVED

20 3

18-POINT ENGHORIAL EXPANDED

10 LBS.

MANCHESTER

30 A

12-POINT ENCHORIAL EXPANDED

8 1.88.

MODERN DESIGNS ADVERTISED

30 A

10-POINT ENGRORIAL EXPANDED

5 1.185

INTERESTING UNIFORM GENERAL INSURANCE

39 A

8-POINT EXCHORIAL EXPANDED

4 1.88.

HISTORICAL REPRODUCTIONS
BIRMINGHAM EXPORTS



BELGRAVE STEAMSHIP COMPANY

TRAVEL BY THE

OSTENDE ROUTE

TO THE

CONTINENT

9 A

60-POINT PISA

15 LBS.

SOUND BRITISH MANUFACTURES

12 A

48-POINT PISA

15 LBS

REGAINS MODELS

17 A

36-point Pisa

12 TRS

MACHINERY EXHIBITION

24 A

24-POINT PISA

SIBS

MUNICIPAL BANDS
GRAND CONCERTS

30 A

18-POINT PISA

6 LBS

PROGRESSIVE PRINTERS
EMPLOY NEW METHODS

TO AUGMENT THE FUNDS OF LOCAL CHARITIES

EXHIBITION OF

ANIMATED PICTURES



THE CORN EXCHANGE NORTHMINSTER

WEDNESDAY AND THURSDAY

MARCH 29 & 30

MANSION HOUSE Lecture during Lent

TECHNICAL MANNERS **Historical Establishments**

18 A 24 a

18-POINT CANTONIAN

INTERNATIONAL PRODUCTION Delightful Metropolitan Residences

45 A 60 a 12-POINT CAXTONIAN

36 A 48 a 10-POINT CANTONIAN

REORGANISED BRIGADE

Incorporated Performances

NORTHERN HOMES Modern Draughtsmen

45 A 60 a

6-POINT CAXTONIAN

ATTRACTIVE NEW ENTERTAINMENTS

Discussing the Unappreciated Propositions

33 A 44 a

8-POINT CANTONIAN

DEMONSTRATIVE RESIDENTS Superintending Chrysanthemums

This portion to be RETAINED



ADMISSION TICKET

Bath Flower Show

held on Saturday 26th of June in the

BADMINTON HALLS

6187

60-POINT CASLO

22 LBS.

蛎

CONVERSAZIONES Barnet : Parish : Hall

蛎

8 A 10 a

48-POINT CASEO

18 LBS

PERFORMER Wovel Comedy

12 A 16:

36-POINT CASLON

16 LBS.

HRISH CONCERT Monday : March 17

14 A 18 a

30-POINT CASLON

13 LBS.

FOOTBALL ! LEAGUE

Annual: Carden: Party

唱

蛎

DISTINGUISHED MEMBERS GIVE

LECTURES



BANDON DERSPECTIVE 13 LBS.

A 36-POINT PERSPECTIVE

GAMES

18 A 24-POINT PERSPECTIV

BEST MUSIC

24 A

18-POINT PERSPECTIVE

REFRESHMENTS

30 A

12-POINT PERSPECTIVE

4 LBS,

GRAND AMUSEMENTS



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15 LBS

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14 A

30-POINT ORNAMENTED NO. 31

12 LBS.

MONMOUTHSHIRE RESIDENCE

15 A

24-POINT ORNAMENTED NO. 31

10 LBS.

HEROIC REGIMENTS COPENHAGEN

21 A

24 DOLYT ODYAMENTED NO 31-SHALL FACE

10 LBS.

BIRMINGHAM MUSEUMS MANCHESTER

23 A

18-POINT ORNAMENTED NO. 31

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DISTINGUISHED MERCHANTS
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36 A

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ORGANISED CONTINENTAL ENTERPRISES
MERITORIOUS PRODUCTS

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MERIC RECORDS

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CORPORATION OF MONMOUT

DELIGHTFUL RECITATION RENDERED

NATIONAL EXHIBIT OF MODERN INDUSTRIES

DISCOURSES ON THE ARCHITECTURES OF PALESTINE

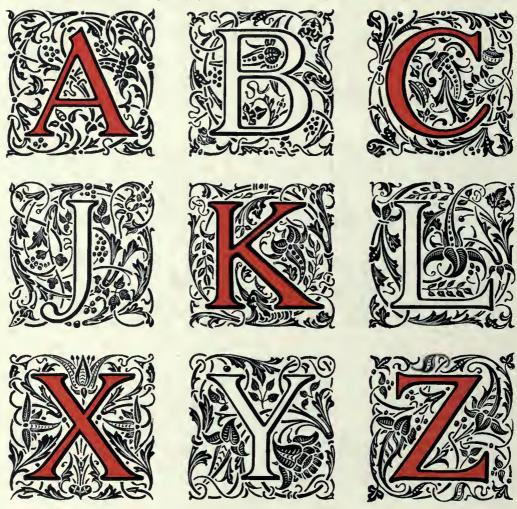
12-POINT ORNAMENTED No. 32

BOARD FOR SUPERINTENDING FRENCH INTERNATIONAL EXHIBITION

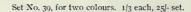
Cheltenham Old Style Initials.

Set No. 32, for one colour. 3/- each, 60/- set.

Set No. 36, for two colours. 5/- each, 100/- set



Set No. 35, for one colour. 9d. each, 15/- set.





Cheltenham Old Style Initials.

Set No. 33, for one colour. 2/- each, 40/- set.

Set No. 37, for two colours. 3/6 each, 70/- set.

























Set No. 34, for one colour. 1/3 each, 25/- set.

Set No. 38, for two colours. 2/- each, 40/- set.

















































MORLAND INITIALS.























ONE COLOUR.

Set No. 40, 93-point 2/- each. 40/- per set. Set No. 41, 60-point 1/3 each. 25/- per set.

TWO COLOURS.

Set No. 42, 93-point 3/6 each. 70/- per set. Set No. 43, 60-point 2/- each. 40/- per set.

























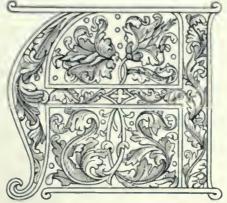




OLD-STYLE INITIALS.



Set No. 12a Complete 2/- each, or 40/- the set. Can be supplied for two colours.



Can be supplied for two colonis.



Set No. 12a- Complete 2/- each, or 40/- the Set

Set No. 15, consisting of A, B, C, D, E, F, G, H, I, L, M, N, O, P, Q, R, S, T, U, 31- each, or 455- the set.



Set No. 16 Complete. 3, each, or 60/- the set.



Set No. 17. Complete. 3/- each, or 60/- the set.



Set No. 18, consisting of C, D, G, I, L, M, N, P, T. 3/- each, or 2t/- the set.



Set No. 14.-Complete. 3/- each, or 60/- the set,



Set No. 13. Complete, 2/- each, or 40/- the set.



Set No 19.-Complete. 3/- each, or 60 - the set.



Set No. 11.—Complete. 21- each, or 40/- the set.



Sel No. 10. - Complete. 2/- each, or 40/- the set.



Set No. 1t. - Complete 2/- each, or 40/- the set

No. 21. 1/3 each, or 25/- per Set.



No. 22. 5d, each, or 8/6 per Set.



MEDLÆVAL ALPHABET, No. 1, 6d. each, or 10/6 per Set.



MEDLEVAL ALPHABET, No. 2. 6d. each, or 10/6 per Set.



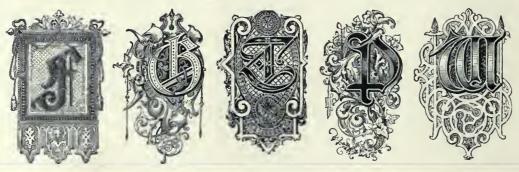
MEDIÆVAL ALPHABET, No. 3. 5d. each, or 8/6 per Set.



FOUR-LINE INITIAL LETTERS, No. 4. 1/- each, or 21/- per Set.



No. 5. 2/- each, or 40/- per Set.



No. 12. 2/- each, or 40/- per Set.



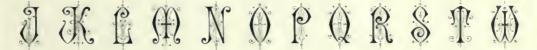
No. 1. 6d. each, or t0/6 per Set.



Nine-line Nonpareil Kenilworth Initials. 6d. each, or 10/6 per Set.



Seven-line Nonpareil Kenilworth Initials. 5d. each, or 7/6 per set.



Five-line Nonpareil Keniiworth Initials. 4d. each, or 5/- per Set.



No. 3. 1/6 each, or 30/- per Set.



CALENDAR AND INITIAL TINTS

4/- per lb.

Set No. 1.

72-pt. × 72-pt.



72-pt. × 60-pt.



72-pt. × 48-pt.



72 pt. × 36-pt.



Set consisting of two each 72×72, 72×48, 72×36, and four of 72×60.

Set No. 2.

60-pt. × 60-pt.



60-pt. \times 50-pt.



60-pt. \times 40-pt.



60-pt. × 30-pt.



Set consisting of two each 60×60 , 60×40 , 60×30 , and four of 60×50 .

Set No. 3.

48-pt. × 48-pt.



K



48-pt. × 32-pt.

pt. 48-pt. × 24-pt.

J

Set consisting of two each 48×48 , 48×32 . 48×24 , and four of 48×40

Set No. 4.

36-pt. × 36-pt.



A

36-pt. × 30-pt.

S

36-pt. × 24-pt.

36-pt. × 18-pt.

Set consisting of two each 36×36 , 36×24 , 36×18 , and four of 36×30 .

Set No. 5.

30-pt. × 25-pt.

30-pt. × 20 pt.

30-pt. × 15-pt.

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P = 9

Set consisting of two each 30×30 , 30×20 , 30×15 , and four of 30×25 .

The complete assortment of five sets, 15-

CALENDAR AND INITIAL TINTS

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SUN	SUN	MON	TUE	WED	THU	FRI	SAT	SAT
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Complete assortments to sult Calendars, 4/- per lb.

BOLD AND EXTENDING ARROWS -Series No. 58 ➤ SUITABLE FOR MODERN DISPLAY WORK Set No. 1 Set No. 2 To work with 3-pt. Rule To work with 1½-pt. centre face Rule on 3-pt. Body 12 Sets for 2/-6 Sets for 2/-Set No. 3. To work with 6-pt. Rule 4 Sets for 4/-Set No. 4. To work with 12-pt. Rule 2 Sets for 5/-No. 2732. 1/6 Complete Assortment of Bold & Extending Arrows as above 12/6

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48-point Condensed, No. 2,-Point Set.

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36-point Condensed, No. 2.-Point Set.

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1234567890

14-point De Vinne Compressed.—Point Set.

1234567890

12-point De Vinne Compressed.—Point Set.

1234567890

10-point De Vinne Compressed.—Point Set.

1234567890

8-point De Vinne Compressed,—Point Set.

1234567890

6-point De Vinne Compressed.—Point Sct.

73-point Ionic, No. 3. Point Set

1234

to-point Ionie, No. 2.-Point Set.

1234

48-point Ionic, No. 2,- Point Set.

1234567

36-point Ionie, No. 2.- Point Set.

12345678

30-point Ionic, No. 2.-Point Set.

123456789

24-point Ionic, No. 2.- Point Set.

1234567890

24-point Ionic, No. 2 (Small Face). Point Set.

1234567890

18-point Ionic, No. 2. Point Set.

1234567890

12-pt, Ionic, No. 2.-Point Set.

1234567890

10-pt, Ionle, No. 2.-Point Set.

to-pt. forme, No. 2.—Form Set

1234567890

9-pt. Ionic, No. 2.—Point Set.

1234567890

8-pt. Ionic, No. 2.—Point Sct.

1234567890

6-pt, Ionic, No. 2 Point Sct. 1234567890

5-pt. Ionic, No 2.-Point Set.

1234567890

6-line Pica Ionic Compressed

12345

72-point Ionic Compressed (Smalt Face) - Point Set.

123456

48-point Toule Compressed,-Point Set,

12345789

36-point Ionic Compressed,-Point Set.

1234567890

30-point Ionic Compressed. Point Set.

1234567890

24-point Ionic Compressed.-- Point Set.

1234567890

18-point Ionic Compressed.-Point Set.

1234567890

12-point Ionic Compressed.—Point Set.

1234567890

10-pt. Ionic Comp.--Point Set

1234567890

8-pt. Ionic Comp,-Point Set.

72-point Antique Old Style.-Point Set.

123

60-point Antique Old Style,-Point Set.

1234

48-point Antique Old Style,-Point Set.

12345

36-point Antique Old Style.-Point Set.

12345678

30-point Antique Old Style.—Point Set.

123456789

24-point Antique Old Style.-Point Set.

1234567890

18-point Antique Old Style.-Point Set.

1234567890

14-point Antique Old Style.—Point Set.

1234567890

12-point Antique Old Style.-Point Set.

1234567890

10-point Antique Old Style.—Point Set.

1234567890

8-point Antique Old Style,-Point Set.

1234567890

6-point Antique Old Style,-Point Set.

1234567890

42-point Doric, No. 4.-Point Set.

1234567

36-point Dorie, No. 4.-Point Set.

12345678

30-point Doric, No. 4.-Point Set.

1234567890

24-point Doric, No. 4.-Point Set.

1234567890

18-point Doric, No. 4.-Point Set.

1234567890

12-point Doric, No. 4.—Point Set.

1234567890

10-point Doric, No. 4.- Point Set.

1234567890

8-point Doric, No. 4.—Point Set. 6-point Doric, No. 4.—Point Set. 1234567890 1234567890

12-point Lining Doric (a).—Point Set.

1234567890

12-point Lining Doric (b).-Point Set.

1234567890

12-point Lining Doric (c).-Point Set.

1234567890

12-point Lining Doric (d).—Point Set.

1234567890

12-point Lining Doric (e).—Point Set.

1234567890

6-point Lining Doric (a).—Point Set.

1234567890

6-point Lining Doric (b).-Point Set.

1234567890

6-pt. Lining Doric (c).—Pt. Set. 6-pt. Lining Doric (d).—Pt. Set.

1234567890

73-point Latin Compressed.-- Point Set.

1234

60-point Latin Compressed. - Point Set.

123456

48-point Latin Compressed, Point Set.

12345678

36-point Latin Compressed .-- Point Set.

1234567890

30-point Latin Compressed.-Point Set.

1234567890

24-point Latin Compressed.-Point Set.

1234567890

18-point Latin Compressed.—Point Set.

1234567890

12-point Latin Compressed.—Point Set

1234567890

10-point Latin Compressed.—Point Set.

1234567890

8-point Latin Compressed. - Point Set.

1234567890

18-point Latin Compressed, No. 2.—Point Sci.

1234567890

12-point Latin Compressed, No. 2.—Point Set.

1234567890

10-point Latin Compressed, No. 2. Point Set.

1234567890

8-point Eatin Compressed, No. z. Point Set.

1234567890

6-point Latin Compressed, No. 2. Point Set. 1234567890

60-point Latin Expanded Point Set.

1234

48-point Latin Expanded,-Point Set,

1234

30-point Latin Expanded. Point Set.

12345678

24-point Latin Expanded Point Sei.

123456789

18-point Latin Expanded.-Point Sel.

1234567890

12-point Latin Expanded.-Point Set.

1234567890

10-point Laiin Expanded.-Point Set.

1234567890

8-point Latin Expanded,-Poini Sei.

1234567890

6-point Latin Expanded.—Point Set. 1234567890

24-point Latin Expanded, No. 2. Point Set.

1234567890

18 point Latin Expanded, No. 2. Point Set.

1234567890

12-point Latin Expanded, No. 2 -Point Set.

1234567890

to-point Latin Expanded, No. 2. Point Set.

1234567890

8-point Latin Expanded, No. 2 Point Set.

1234867890

6-point Latin Expanded, No. 2, Point Sei.

72-point Old Face.-Point Set.

12345

60-point Old Face.—Point Set.

123456

48-point Old Face.—Point Set.

12345678

42-point Old Face.—Point Set.

123456789

36-point Old Face .-- Point Set.

1234567890

30-point Old Face,-Point Set.

1234567890

24-point Old Face.—Point Set.

1234567890

24-point Old Face (Small Face). Point Set.

1234567890

18-point Old Face.--Point Set.

1234567890

14-point Old Face-Point Set.

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. 12-pt. Old Face.—Point Set.

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10-pt. Old Face.—Point Set.

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8-pt, Old Face.—Point Set. 1234567890

11-pt. Old Face.—Point Set. 1234567890

9-pt. Old Face.—Point Set. 1234567890

6-pt. Old Face.—Point Set. 1234567890

36-point Old Style.--Point Set.

1234567890

36-point Old Style (Lining).-Point Set.

123456789

30-point Old Style.-Point Set.

1234567890

30-point Old Style (Lining). Point Set.

1234567890

24-point Old Style.—Point Set.

1234567890

24-point Old Style (Lining).-Point Set

1234567890

18-point Old Style.-Point Set.

1234567890

18-point Old Style (Lining).-Point Set.

1234567890

12 point Old Style Compressed - Point Set

1234567890

36-point Old Style Compressed.—Point Set,

1234567890

30-point Old Style Compressed.—Point Set.

1234567890

24-point Old Style Compressed.—Point Set.

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18-point Old Style Compressed.—Point Set.

1234567890

12-point Old Style Compressed.—Point Set.

co-point Roman No. 20. Point Set.

48 point Roman No. 20. Point Set.

4567

36-point Roman No. 20.- Point Set.

234567890

30-point Roman No. 20. Point Set

234567890

24-point Roman No. 20.-Point Set.

1234567890

18-point Roman No. 20.-Point Set.

1234567890

14-point Roman No. 20. Point Set

1234567890

24-point Liming Gothic, No. 1. Point Set.

24-point Lining Gothic, No. 2. Point Set

18-point Lining Gothic, No. 1.- Point Set.

1234567890

18 point Lining Gothie, No. 2. Point Set.

1234567890

12-pt. L. Goth., No. 1. Pt. Set. 12-pt. L. Goth., No. 2. Pt. Set.

1234567

12345678

12-pt. L. Goth., No. 3. Pt. Set. 12-pt. L. Goth., No. 4. Pt. Set.

1234567890

1234567890

6-pt. L. Goth., No. 1. Pt. Set.

6-pt. L. Goth., No. 2. Pt. Sct. 1234567890

1234567890

6-pt. L. Goth., No. 4 -- Pt. Set.

6-pt. L. Goth., No. 3.- Pt Sct. 1234567890

72-point Roman Compressed No. 3. Point Sci.

60-point Roman Compressed, No. 3.—Point Sct.

48-point Roman Compressed, No. 3.-Point Set.

36-point Roman Compressed, No. 3. Point Set.

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30-point Roman Compressed, No. 3 Point Sct.

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24-point Roman Compressed, No. 3. Point Set.

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(8-point Roman Compressed, No. 3. Point Set.

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12-point Roman Compressed, No. 3. Point Sct.

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10-point Roman Compressed, No. 3. Point Set.

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S-point Roman Compressed No. 3 - Point Set.

1284567890

6-point Roman Compressed, No. 3. Point Sct.

48-point Ionic Old Style.-Point Set.

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42-point Ionic Old Style.—Point Set.

123456789

36-point Ionic Old Style.-Point Set

1234567890

30-point Ionic Old Style.-Point Set.

1234567890

24-point Ionic Old Style.-Point Set.

1234567890

18 pt. Ionic O. S.-Pt. Set.

1234567890

10-pt. Ionic O. S.-Pt. Set.

1234567 1234567

8-pt. Ionic O. S.—Pt. Set. 1234567890 1234567890

12-pt. Ionic O. S.-Pt. Set.

1234567890

9-pt. Ionic O. S.—Pt. Set.

1234567 1234567

6-pt. Ionie O. S.—Pt. Set. 1234567 1234567

42-point Jenson.—Point Set.

12345678

30-point Jenson.—Point Set.

123456789

24-point Jenson.-Point Set.

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18-point Jenson.-Point Set.

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14-point Jenson.-Point Set.

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12-point Jenson.—Point Set.

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10-point Jenson.-Point Set.

1234567890

8-point Jenson.—Point Set.

1234567890

48-point Mural.-Point Set.

123456

42-point Mural.—Point Set.

1234567

36-point Mural.-Point Set.

12345678

30-point Mural.—Point Set.

1234567890

18-point Mural.-Point Set.

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12-point Mural.—Point Set.

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10-point Mural.—Point Set.

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8-point Mural,-Point Set.

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6-point Mural.—Point Set.

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48-point Mural Compressed.—Point Set.

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36-point Mural Compressed.—Point Set.

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24-point Mural Compressed.—Point Set.

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18-point Mural Compressed.—Point Set,

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12-point Mural Compressed.—Point Set.

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10-point Mural Compressed.—Point Set.

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8-pt. Mural Comp.—Pt. Set.

6-pt. Mural Comp.—Pt. Set.

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12-point Enchorial,-- Point Set.

10-point Enchorial,-Point Set.

8-point Enchorial, Point Set.

6-point Enchoriat.-Point Set.

36-point Enchorial Expanded.-Point Set.

12-point Enchorial Expanded,-Point Set,

10-point Enchorial Expanded.-Point Set.

8-point Enchorial Expanded.-Point Set.

60-point tonic Compressed, No. 2.-Point Set.

24-point Ionic Compressed, No. 2.-Point Set.

18-point Ionic Compressed, No. 2.-Point Set.

12-point Ionic Compressed, No. 2.-Point Set.

10-point Ionic Compressed, No. 2.-Point Set.

60-point Latin Compressed, No. 4.-Point Set.

12-point Latin Compressed, No. 4 - Point Set.

ro-point,

48-point Atlas .- Point Set.

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42-point Atlas .-- Point Set.

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36-point Atlas.-Point Set.

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30-point Atlas .- Point Set.

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24-point Atlas .- Point Set.

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18-point Atlas.--Point Set.

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12-point Atlas.-Point Set.

1234567890

10-point Atlas.-Point Set.

1234567890

36-point Ornamented, No. 31.-Point Set.

1234567

30-point Ornamented, No. 31.—Point Set.

12345678

24-point Ornamented, No. 31.-Point Set.

123456789

24-point Ornamented, No. 31 (Small Face).-Point Set.

1234567890

18-point Ornamented, No. 31.-Point Set.

1234567890

12-point Ornamented, No. 31.-Point Set.

1234567890

72-point Rothbury.--Point Set.

234

6c-point Rothbury.-Point Set.

1234

48-point Rothbury.--Point Set.

12345

36-point Rothbury.-Point Set.

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30-point Rothbury.-Point Set.

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24-point Rothbury.-Point Set.

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18-point Rothbury.--Point Set.

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14-point Rothbury.-Point Set.

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12-point Rothbury.--Point Set.

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10-point Rothbury.--Point Set.

1234567890

8-point Rothbury.--Point Set.

1234567890

6-point Rothbury.--Point Set.

SOLID AND OUTLINE STARS

Solid Stars supplied in assortments of 3 lbs. at 10%. Outline Stars supplied in assortments of 2 lbs at 6% or may be had separately according to body under Table C of Price List.





CROSSES (For one or two colours) Simple Light Geneva Open Simple Heavy Kt. Templar Open Geneva Mourning Kt. Templar ropt. 6pt. 48pt. 18pt 48pt. opt copt. 2684 2151) 21/14 Spt. Spt. 24pt 2115 2700 4 2450 and 2788 2816 and 2817 tOpt 10pt. 2015 2/51 + riopt. copt. 21,341 270t 48pt. 36pt. 12pt 12pt 2687 2702 18pt 18pt. 21/1/2 2/150 2787 48pt. 2(189) 2704 3ript. 48pt. 24pt. 24pt. 21+17 21,49 21/10 2705 riOpt. 30pt. Mipt. Mipt. X 21411 2706 24pt. 48pt. 2698 48pt. 30pt. GOpt. 2647 18pt 18pt. 21/12 2707 2046 riOpt. copt. 2693 and 2698 12pt. 12pt. 21:45 10pt 10pt. 2N,30 2/14 2091 and 2000 2708 42pt. 42pt. 42pt. Spt. Spt. 2043 25/31 opt. opt. # 2rA2 2N32

MISCELLANEOUS SIGNS

(12-point) 24 " second Mathematical 35 \integral of Reference 12 d not less than 13 > not greater than 25 Circle 36 ∞ infinity 1 plus asterisk 37 __ right angle 26 square 14 == equivalent to 2 — minus 2 dagger 15 ≠ not equal to 38 L perpendicular to double dagger 3 X multiply by 39 = identical with 4 - divided by 16 = nearly equal to 28 \(\) angle section 5 = equal to 17 W difference 29 \triangle triangle 40 = approaches parallel 18 $\stackrel{\text{difference}}{=}$ between 6 : ratio 6 paragraph integration Commercial 19 ∝ variation integration 7 proportion 8 .. geometrical of a quaternion Medical 20 √ radical 1 P per proportion 9 ± plus or minus vube root 21 2 (a) at, to 1 R recipe 32 = minus or plus o degree 33 . hence, therefore 3 D pound 10 < less than 4 % per cent. 11 > greater than 23 minute 34 because 3 5 drachm

Miscellaneous Signs are supplied in all sizes from 6-point to 12-point inclusive.

MOTOR SIGNS

gradients, ascending and descending, exceeding 1 in 15 12 difficult or dangerous gradients, ascending and descending, exceeding 1 in 10, or with awkward turns

Motor Signs are cast on 8-point body, and supplied under Class C of Price List.

NEWS FIGURES, FRACTIONS, Etc.

1234567890£\$ 1234567890£\$ 1234567890£\$ 1234567890£\$ 1234567890£\$ Set No. 4 Set No. 5 Set No. 6 Set No. 7

1234567890£ 12-pt. Superiors

a bedefghijklimnopgrstuvwxyz 1234567890

News Figures, Fractions and Superiors are supplied in all sizes from 6-point to 12-point inclusive.

Loose Accents

/ ^ \ .. ~ 3

Set No. 1. 3-pt. Set No. 2. 3-pt. Set No. 3. 6-pt. Set No. 4. 6-pt.

60-POINT FRACTIONS

(ALL CAST EN QUAD THICK)

Set No. 1

Set No. 2

Set No. 3

 $\frac{1}{4} \frac{1}{2} \frac{3}{4}$

 $\frac{1}{4}\frac{1}{2}\frac{3}{4}$

 $\frac{1}{4}\frac{1}{2}\frac{3}{4}$

Set No. 4

Set No. 5

$$\frac{1}{4}\frac{1}{2}\frac{3}{4}$$

 $\frac{1}{4}\frac{1}{2}\frac{3}{4}$

Set No. 6

Set No. 13

Set No. 7

$$\frac{1}{4} \frac{1}{2} \frac{3}{4}$$

 $\frac{1}{4}\frac{1}{2}\frac{3}{4}$

 $\frac{1}{4}\frac{1}{2}\frac{3}{4}$

Set No. 8

Set No. 9

$$\frac{1}{4} \frac{1}{2} \frac{3}{4}$$

 $\frac{1}{4}\frac{1}{2}\frac{3}{4}$

Set No. 10

Set No. 12

Set No. 11

 $\frac{1}{4} \frac{1}{2} \frac{3}{4}$

 $\frac{1}{4}\frac{1}{2}\frac{3}{4}$

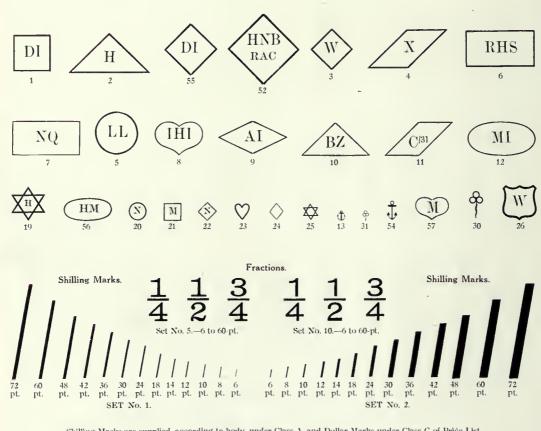
 $\frac{1}{4}\frac{1}{2}\frac{3}{4}$

THE ABOVE SETS CAN BE OBTAINED IN ALL SIZES FROM 6-POINT TO 60-POINT INCLUSIVE

PRICES ON APPLICATION

CATALOGUE MARKS, &c.

Nos. 1 to 12, and 19, 26, 52, 55, 199, and 1866, 3 for 1/-; Nos. 198 and 1865, 2 for 1/-; No. 1871, 4 for 1/-; Nos. 56, 57, and 200, 4 for 1/-; Nos. 20, 21, 22, 30, and 54, 6 for 1/-; No. 1872, 8 for 1/-; Nos. 13, 23, 24, 25, 31 to 40, 1873 and 1874, 12 for 1/-The Marks with Initial Letters are pierced for Type.



Shilling Marks are supplied, according to body, under Class A, and Dollar Marks under Class C of Price List.



Reversed Figures.

0987654321 18-pt.

Reversed Figures are supplied, according to body, under Class C of Price List,



PARAGRAPH MARKS

Points: 72 a. SET No. 2. Pts: 18

Complete Assortments, Sets Nos. 1 or 2, of 3 lbs. at 7/6, or may be had separately, according to body, under Class C of Price List.

UNIVERSAL PARENTHESES

(24-point)

No. 1 No. 2 No. 3 No. 4 No. 5 No. 6 No. 7 No. 8

No. 1 No. 2 No. 3 No. 4 No. 5 No. 6 No. 7 No. 8

Universal Parentheses are supplied in all sizes from 60-point to 72-point inclusive.

LOGOTYPE IMPRINTS

GEO. W. JONES, DEAN ST., E.C.

NEWNHAM & COWELL, CHISWELL ST.

WATERLOW & SONS, LTD., LONGON

No. 4.

ELECTRIC PRESS, HARROW.

HARMSWORTH BROS., E.O.

MURPHY & CO., CORK.

E. B. SMITH, DEPTFORD

CAXTON PRESS, DENBIGH.

No. 5. HAMMOND, TYP., CHATHAM. SHAW & CO., LONDON.

No. 6.

COMMERCIAL PRINTING CO., NOTTINGHAM.

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No. 7.

SOUTHEND PUBLISHING CO.

MANNER & BRISTOL No. 8

H. BEMROSE, PRINTER, BRADFORD

MILES & CO., PRINTERS, WARDOUR ST., W.

STEWART & CO., EDINBURGH.

A.S. MALLETT, ALLEN & CO., PRINTERS

No. 9.

W. NEWMAN & CO., CAXTON PRESS, CALCUTTA.

STANTON & SON, PRINTERS, NORTHAMPTON.

E. BANISTER, PRINTER, BATTLE.

No. 10. Capitals.

DEBENHAM & ARUNDEL, STOCKPORT.

R. H. SANDERS, GLOUCESTER.

THE GUTENBERG PRESS, DALSTON.

No. 11.

Raymond Bros., Darlington,

Henderson, typ.

Lower-case. Mackay & Stevens, Glasgow.

Morrison, Printer, Dorking.

T. Way & Son, London

PRICES.

1 or 2 doz. - 4/6 per doz. Exceeding one inch, 6d. per doz. extra per half inch.

12 doz. - 3/- per doz.

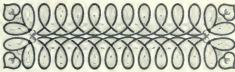
Not exceeding one inch in length: 3 doz. - 4/- per doz. 6 doz. - 3/6 per doz. 12 doz. - 3/- 13 doz. - 3/- 14 doz. - 3/- 15 doz. - 3/- 15 doz. - 3/- 16 doz. - 3/- 17 doz. - 3/- 18 doz. - 3/- 19 doz. - Larger quantities supplied at Special Prices.

CHEQUES.

FOUR-LINE EMERALD, NO. 1

FOUR-LINE EMERALD, No. 2





48-POINT, No. 2

DOUBLE PIC





42-POINT, NO. 2

36-POINT, SHADED





36-POINT, NO. 2

36-point, Open Shaded





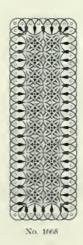
24-POINT, No. 2

ENGLISH

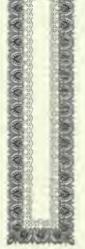






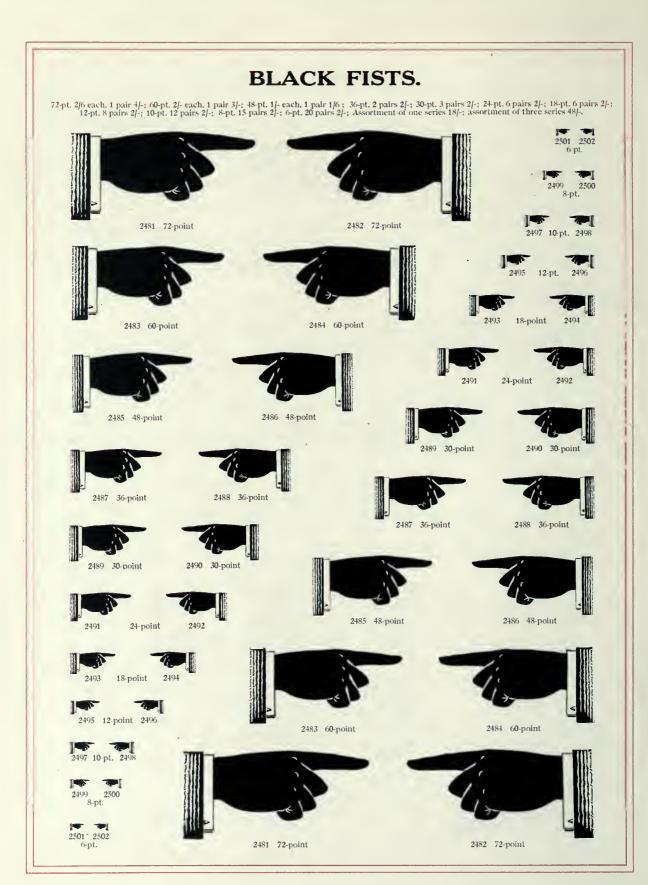




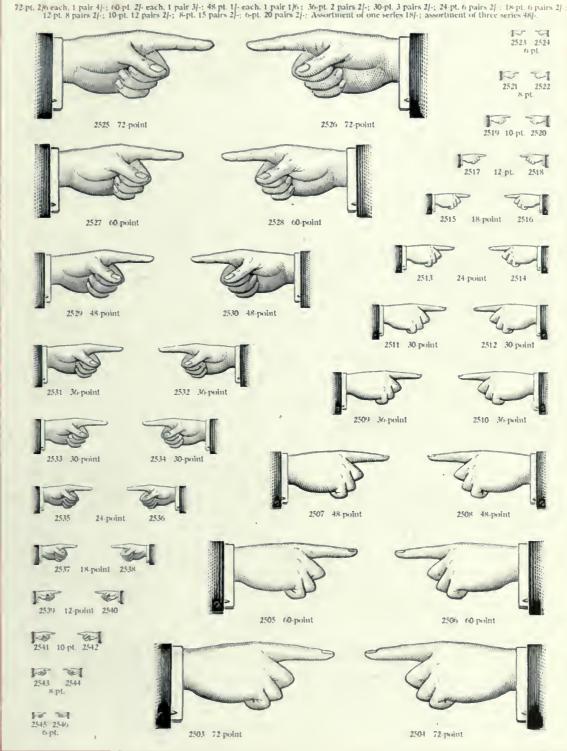


No. 1686

No. 1685



SHADED AND OPEN FISTS.





ANGLE QUADS

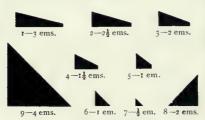




Useful for the Justification of Lines to Various Angles



We have pleasure in drawing attention to this specimen page showing the capabilities of angle quadrats for making and justifying not only the sloping lines so commonly used for advertisements, but for a variety of other designs with brass rule. The following are the length of these angle quads:—



These sizes give six different slopes, one end being 12-point in body and the other end 3-point, with the exception of Nos. 6, 7, 8 and 9, which have an angle of 45 degrees.

PRICE 1/6 PRICE per lb.

A Complete Assortment of 7 lbs. for 10s.

THE GROUND TINT

of the specimen illustrates the method of using these quads, which it will be seen at a glance is simple and easy.

Caslon Letter Foundry
Chiswell Street .: London, E.C.



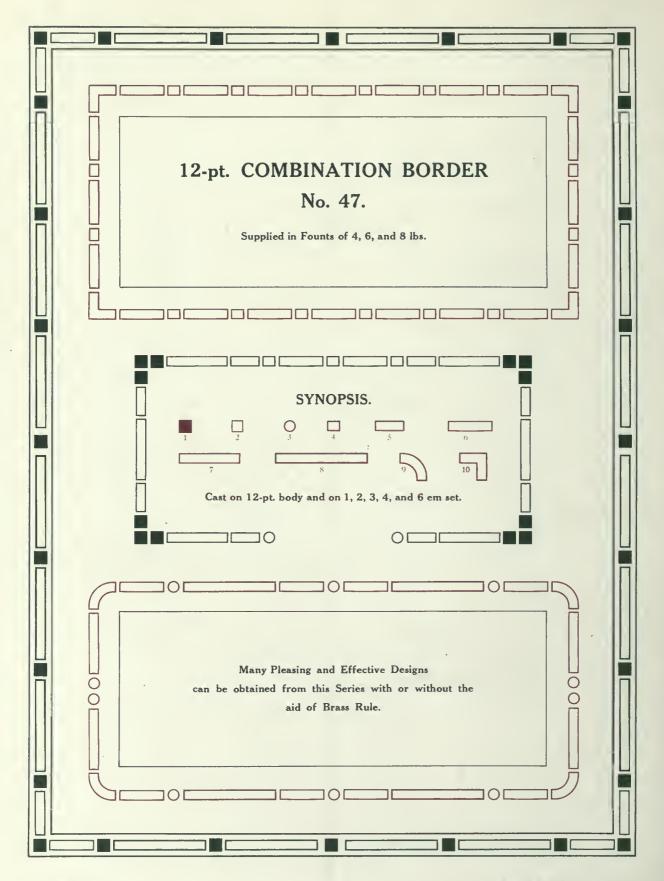
tempered, and the gauge is easily adjusted. It can be thoroughly recommended

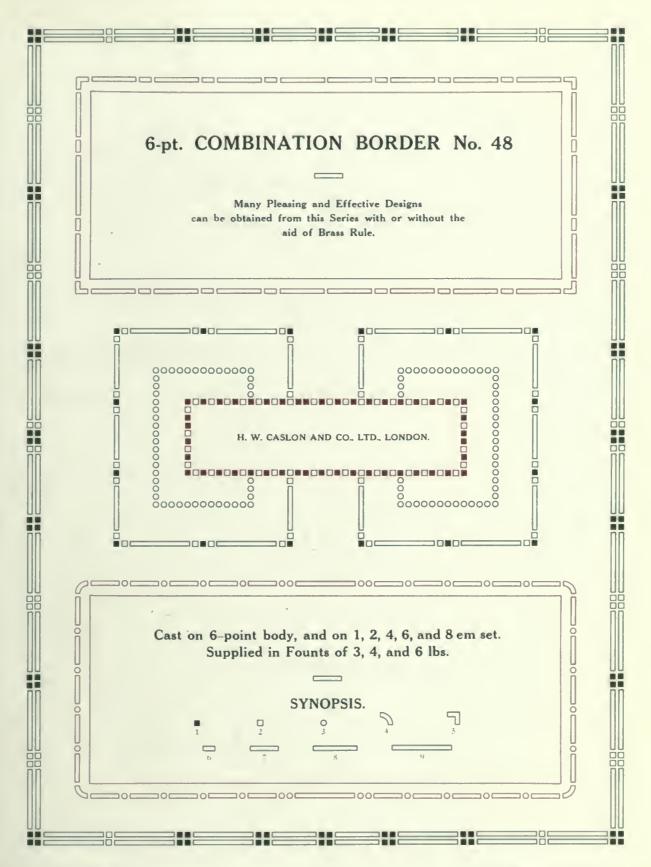


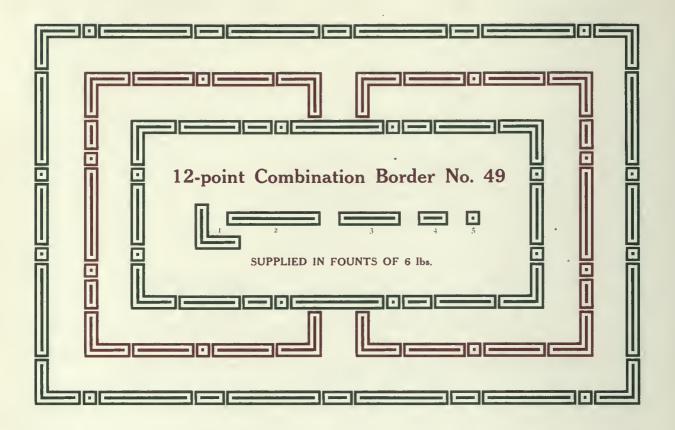


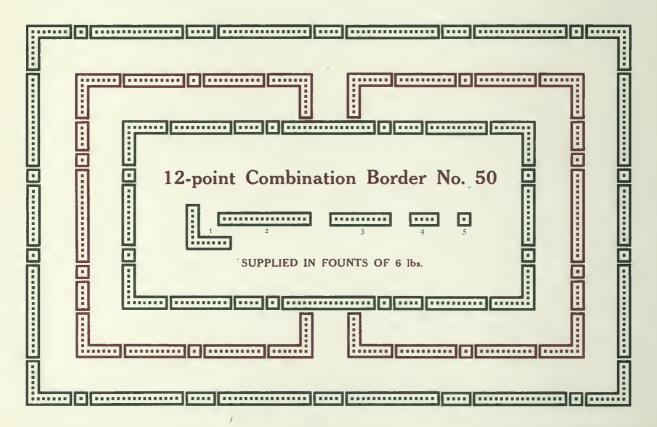


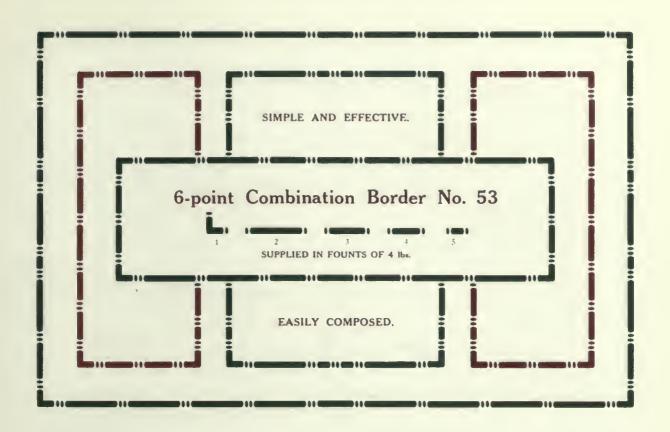
H. W.
CASLON
and Company
Limited
82 and 83
Chiswell
Street
London
E.C.

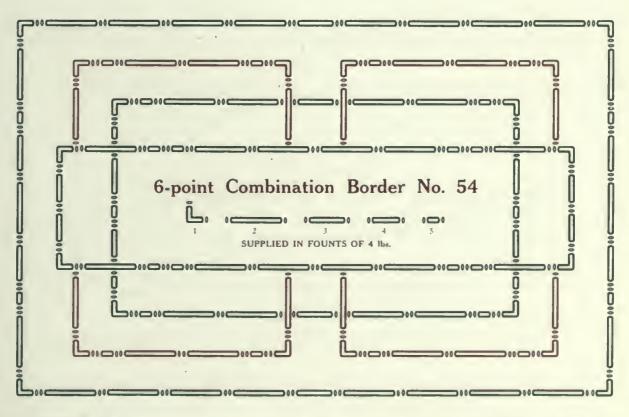


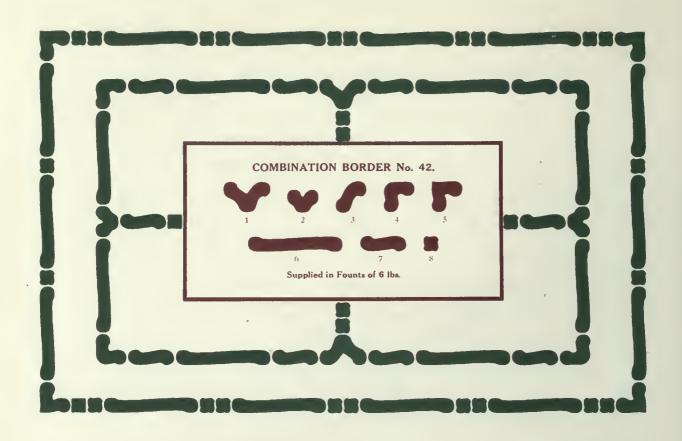














COMBINATION BORDER # # Series No. 41

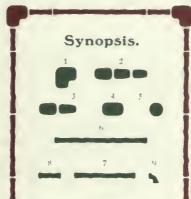
Simple and Effective Design suitable for Advertisement and General Work



Supplied in 6 lb. Founts



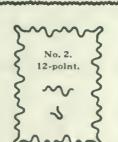
CAST ON 12-POINT BODY.



CAST ON EVEN POINT SET.

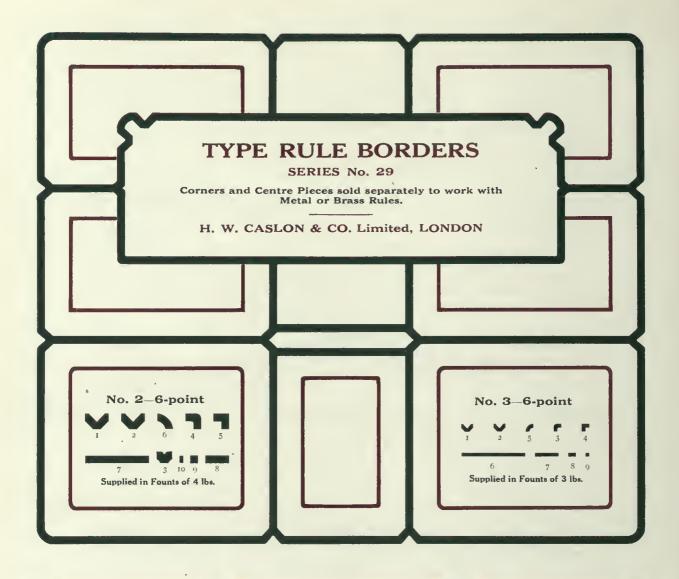


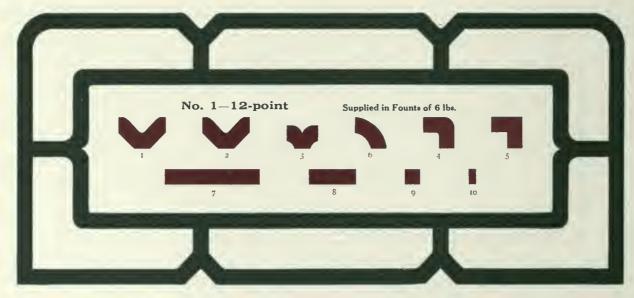
TYPE CRINKLED BORDERS

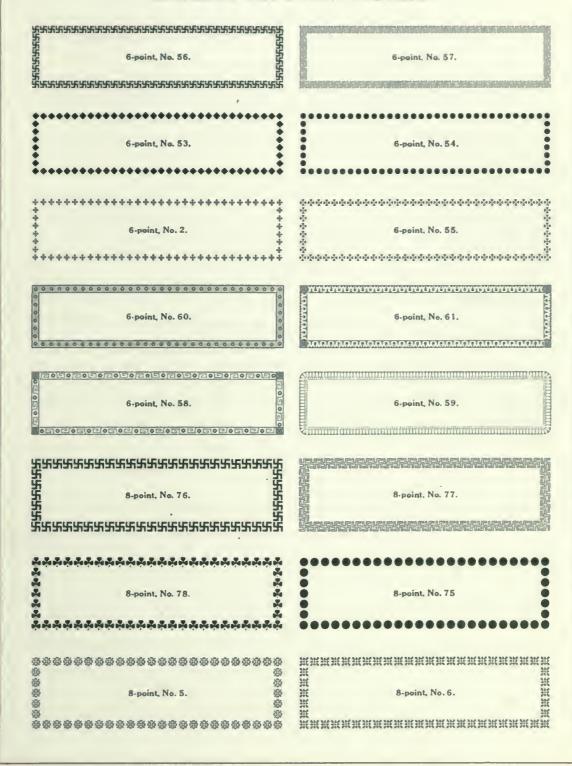


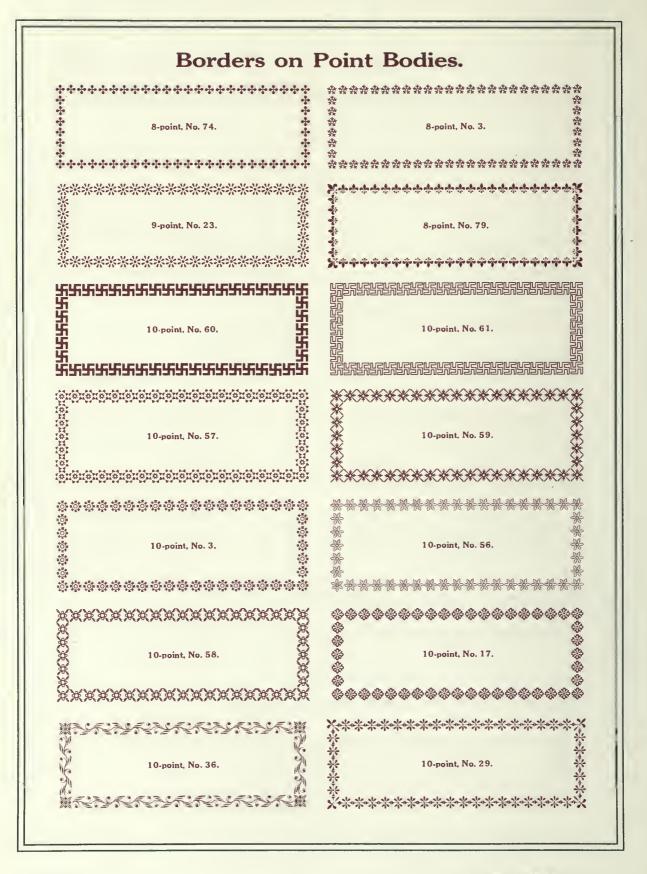
SERIES No. 30.

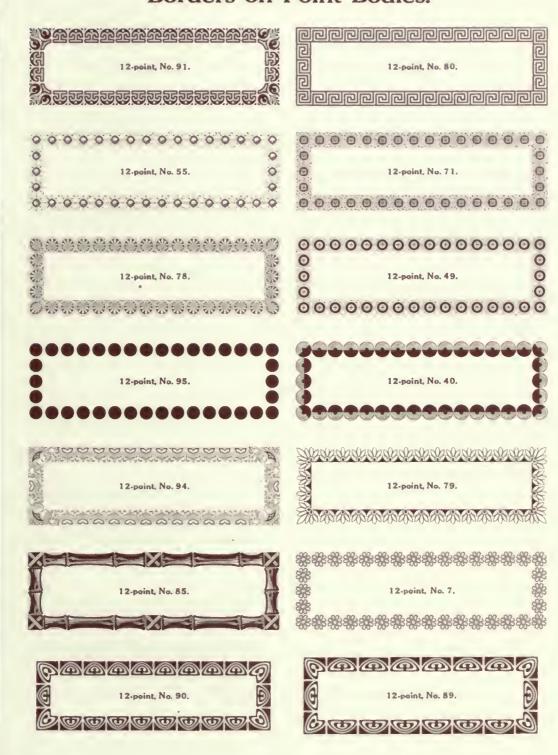


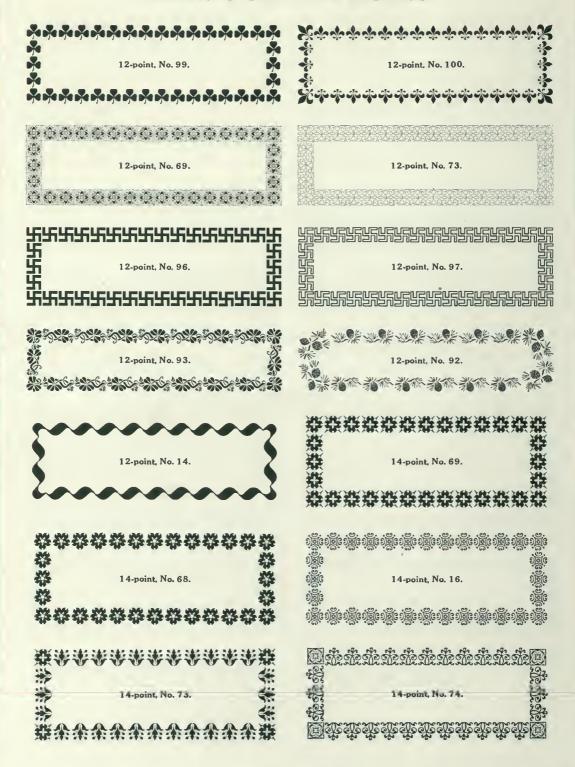


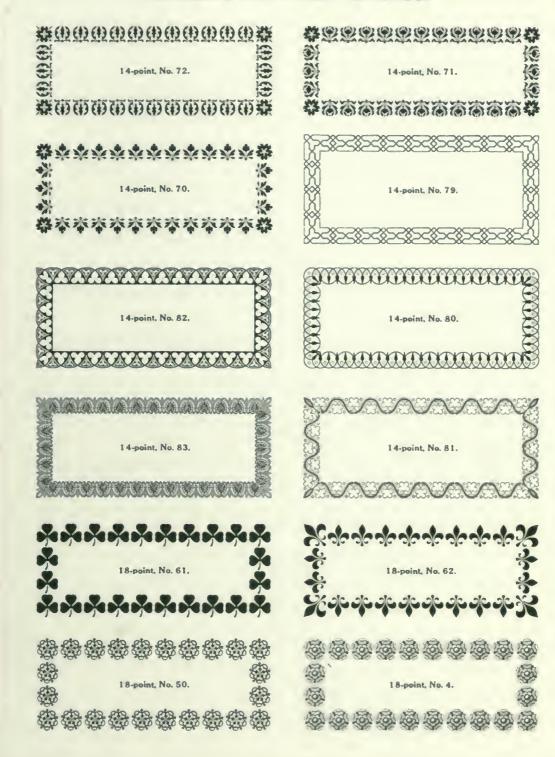


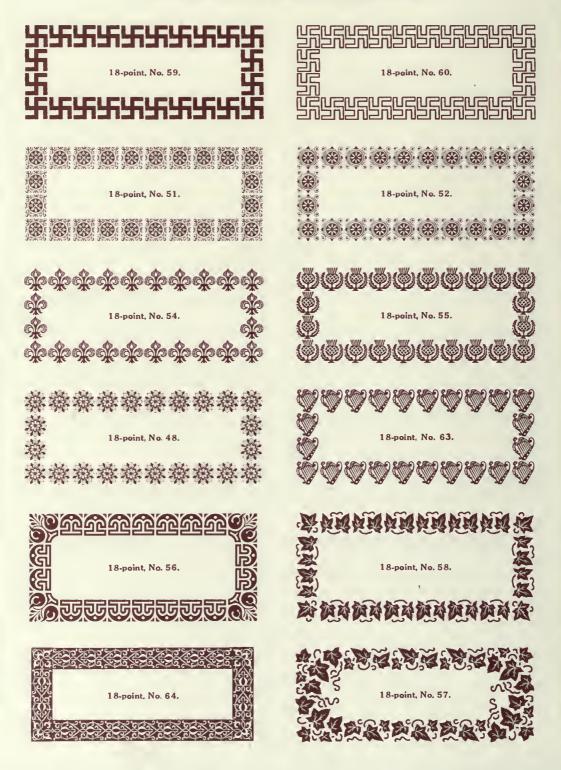


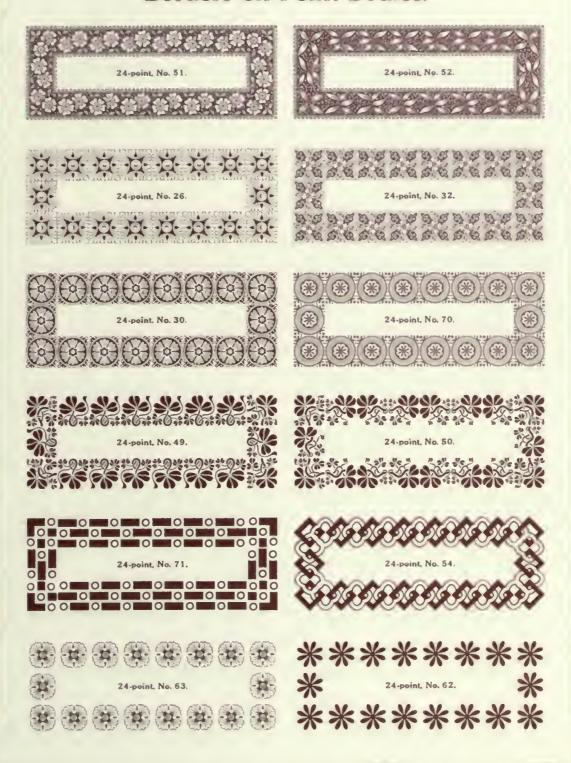


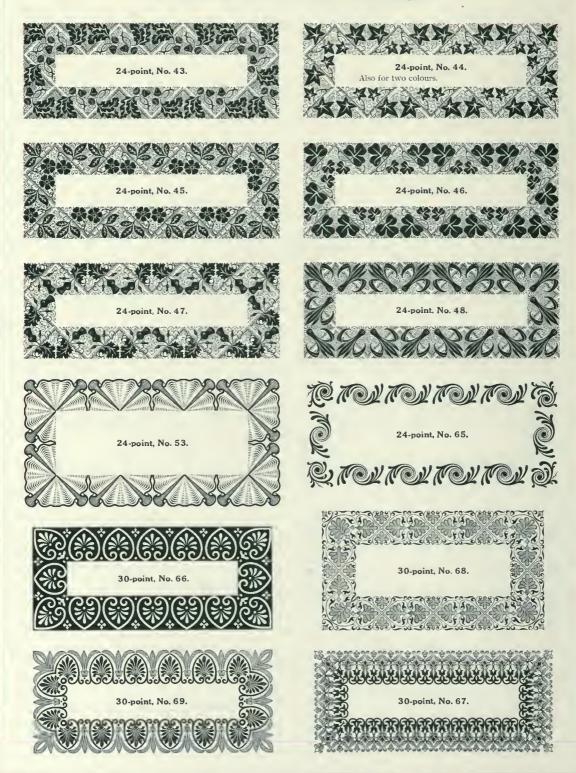










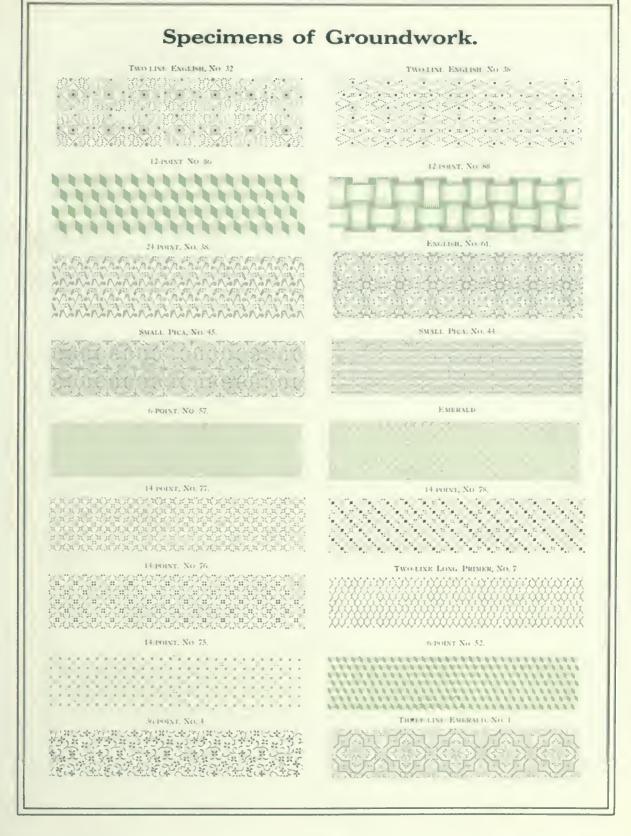


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104 104	138 105
103 103	105 139 103
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139 135	139 103

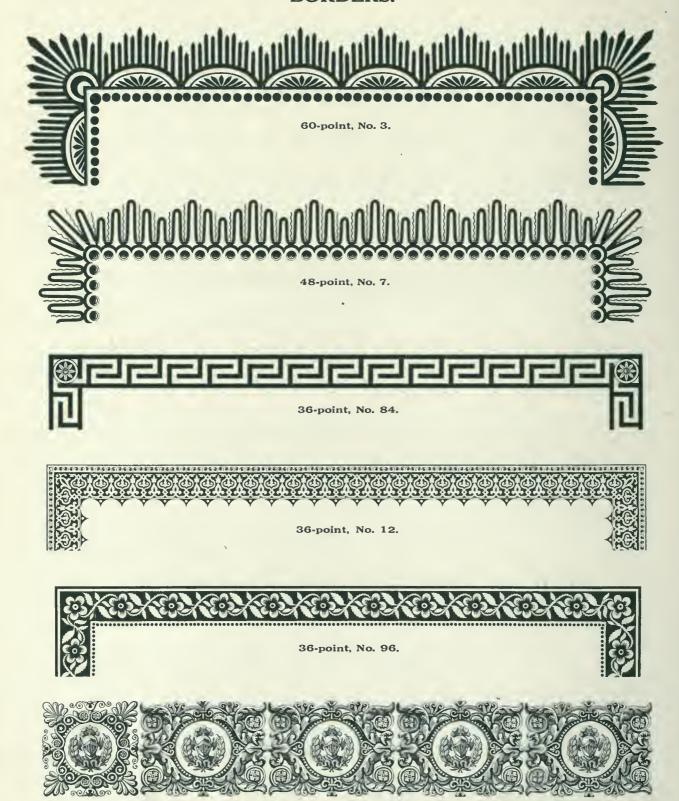
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123 136 118	123 136 118
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119	119
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10) 110 115 116 120 126	
139 132	141 132
134 109	134 110
132 110	132 115
137 115	137 116
100 100	110 110
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120 142 110	126 140 116
120 142 109	126 140 116
115	116
139 132	1.89 1.37
137 132	134 137
139 10)	139 120

112 113 122 124 127 129	130 133 142 138 139 140 141
139 122	142 113
142 127	139 124
113 113	112 112
122 122	133 127
127 127	124 124
124 112	122 112
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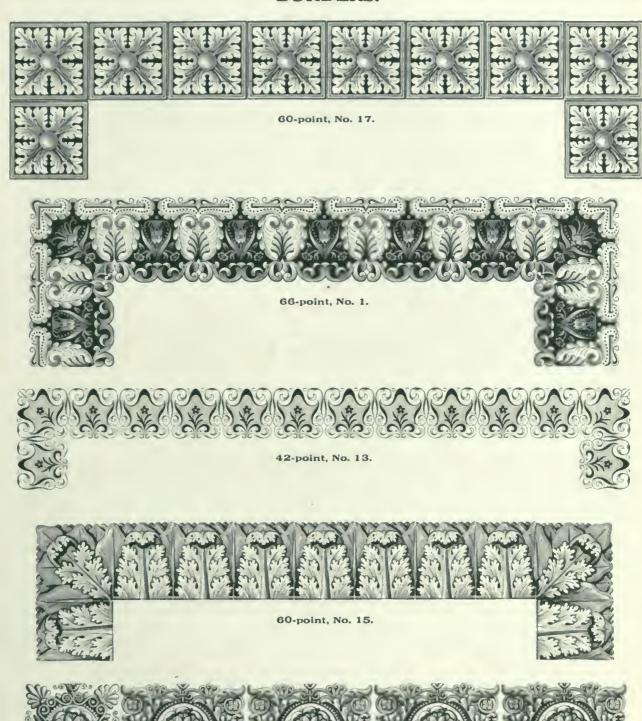


BORDERS.



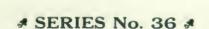
72-point, No. 2.

BORDERS.



72-point, No. 3.

رت SWASTIKA BORDERS. 72-POINT OUTLINE, No. 5. SOLID, No. 4. 60-POINT OUTLINE, No. 19. SOLID, No. 25 OUTLINE, No. 26. 36-POINT SOLID, No. 14 OUTLINE, No. 15. OUTLINE, No. 50. SOLID, No. 49. SOLID, No. 96. 12-POINT OUTLINE, No. 97. SOLID, No. 60. OUTLINE, No. 61. OUTLINE, No. 77. SOLID, No. 76. SOLID, No. 56. 6-POINT OUTLINE, No. 57



PHIL MAY BORDER

Cast on
even
Point
Bodies



Cast on even Point Set

Two-pt. Brass Rule No. 393, put up in labour-saving founts in handy boxes, matches the Phil May Border, and is readily justified by the aid of Point Leads and Clumps.



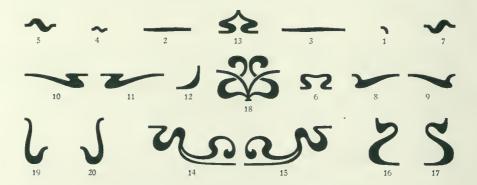
Manufactured in Three Sections by

H. W. CASLON & CO. Limited

82 and 83 Chiswell Street, London, E.C.

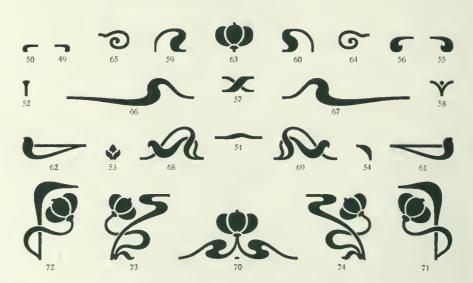
Phil May Border

Section 1.



Supplied in Founts of 6, 8 and 10 lbs.

Section 3.



Supplied in Founts of 6, 8 and 10 lbs.

PHIL MAY BORDER

Section 2.



















































41-1/-

Second Bohemian Concert

ORPHEUS ORCHESTRAL. SOCIETY



Bachstein Music Academy October the Ninth



International Restaurant



- MENU -

SOUPS

MOCK TURTLE.

CLEAR VERMICELLI.

FISH WHITEBAIT.

FILLETED SOLES.

BDILEO TURBOT

ENTREE

MUTTON CUTLETS RENAISSANCE.

REMOVES

SIRLOIN DE BEEF AND HORSERADISH.

YDRK HAM AND MADEIRA.

ROAST

TURKEY & FRENCH SALAD.

SWEETS

Moscow Puboing. Compote of Fruit

DESSERT



Programme

by the

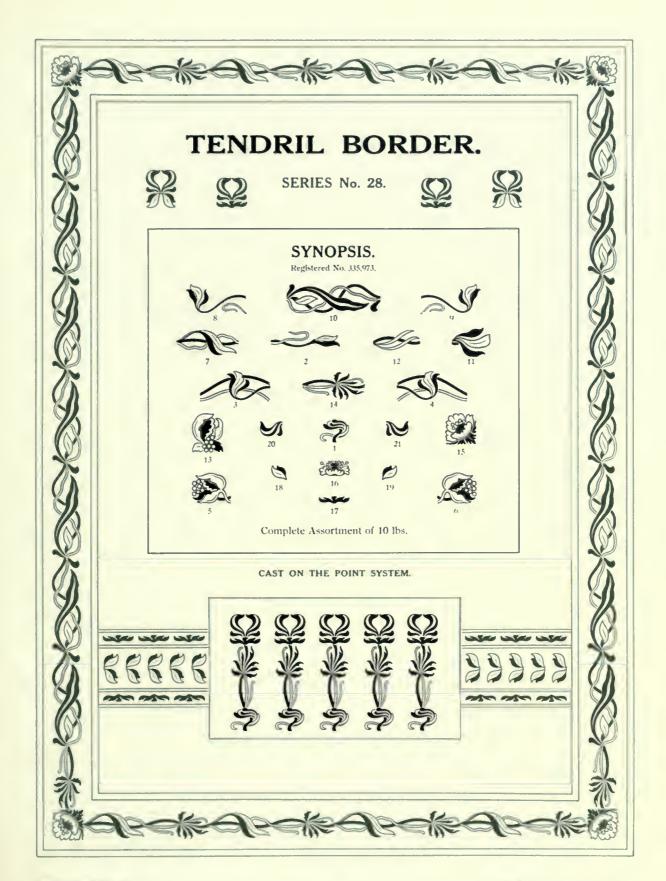
RED HUNGARIAN ORCHESTRA.

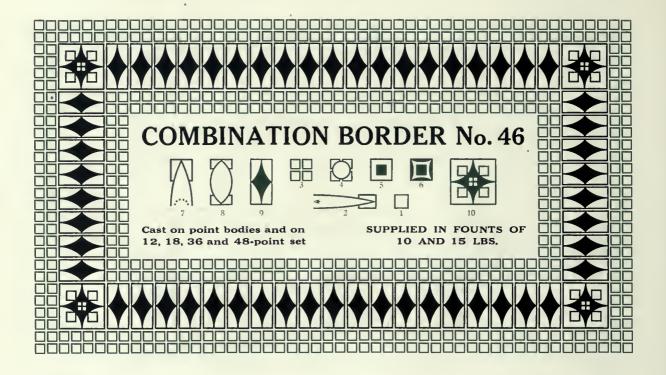


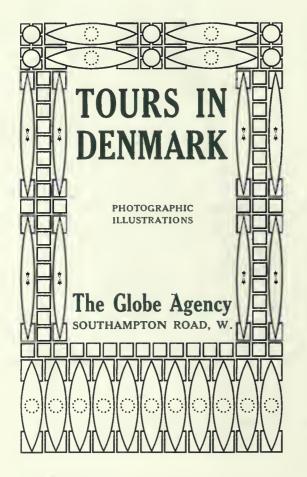
MARCH...." Our Guards" Moore OVERTURE "Poet & Peasant" Suppe VALSE....." The Grenadiers" Jones SELECTION "Little Michus" Reubens VALSE...." Queen of the North" Clay GAVOTTE...... "Stephanie" Czibulka INTERLUDE "Music Charms" Crowe SELECTION" Mikado" Sullivan MAZURKA..... "Ella" Ivimey SELECTION "Gondoliers" Sullivan VALSE..... "Belle of Spain" Moore GALOP....." Vivat " Gladman



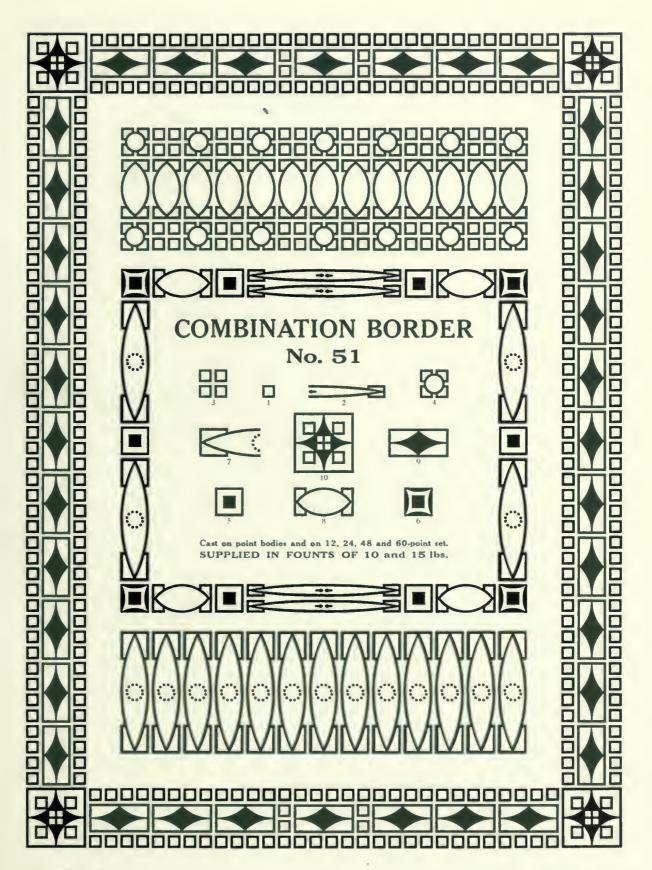


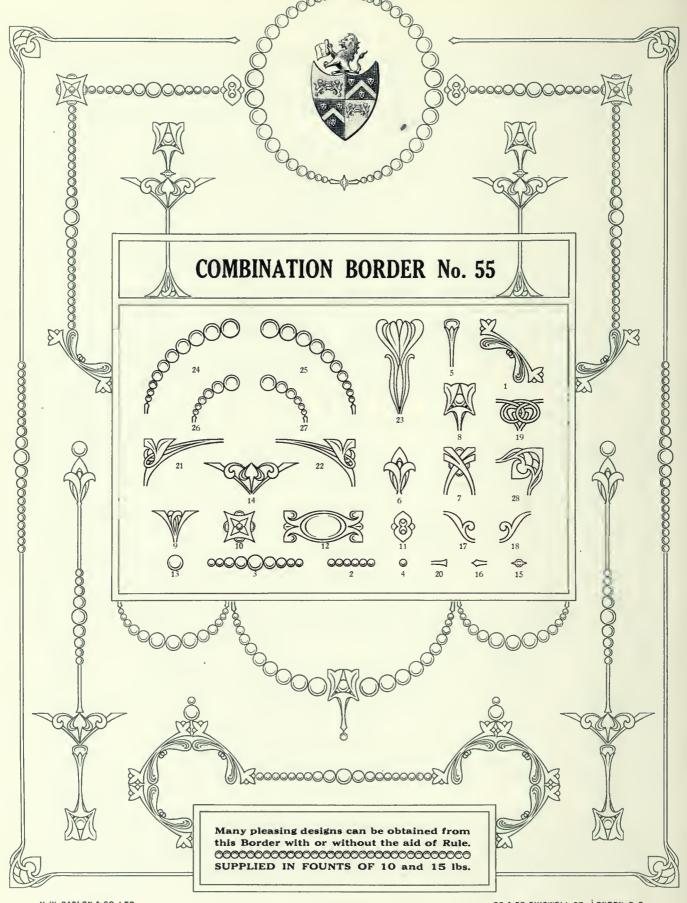


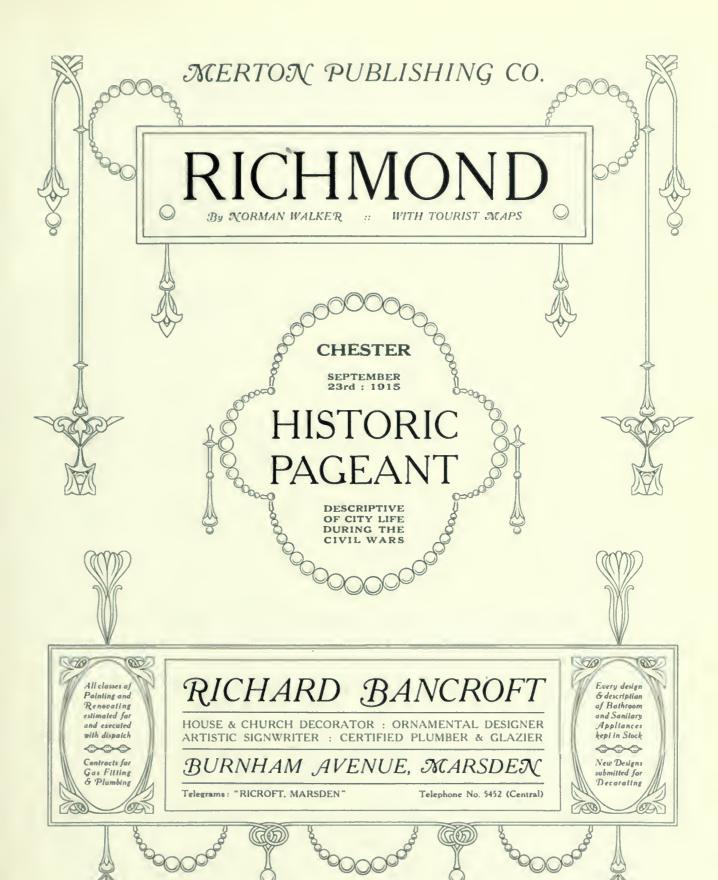






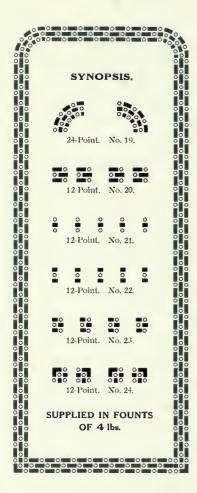


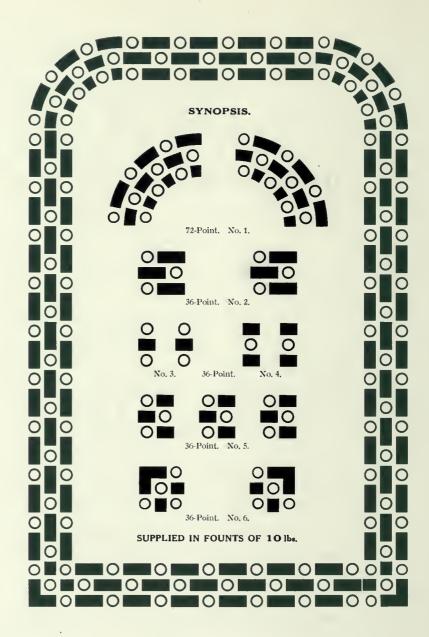


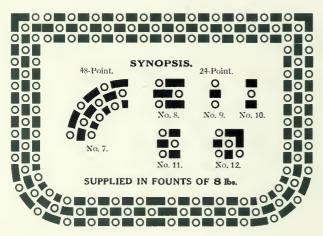


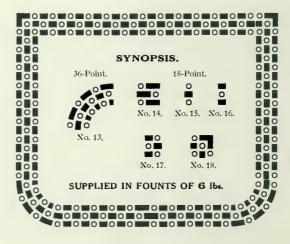
COMBINATION BORDER

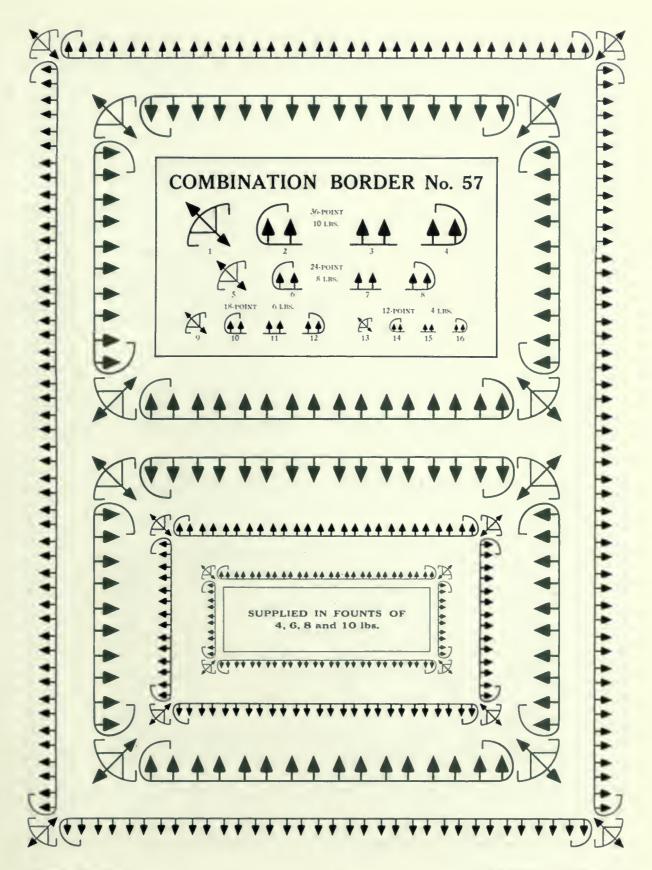
SERIES No. 56

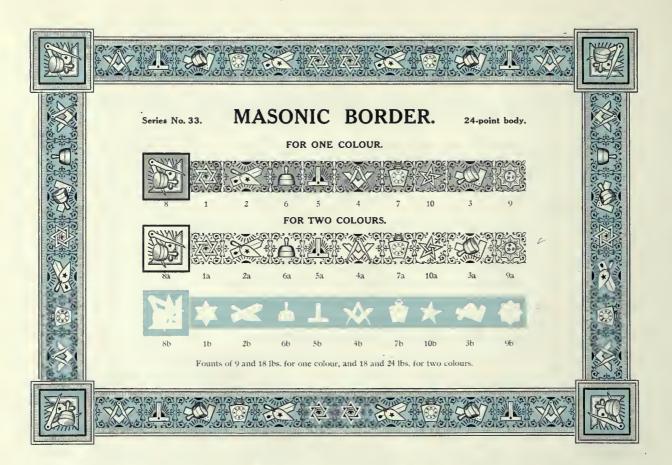


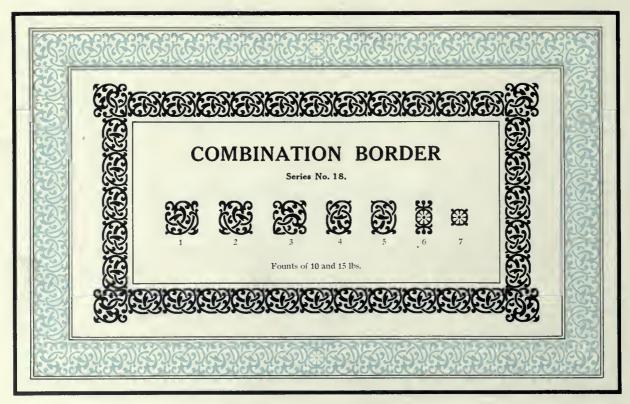


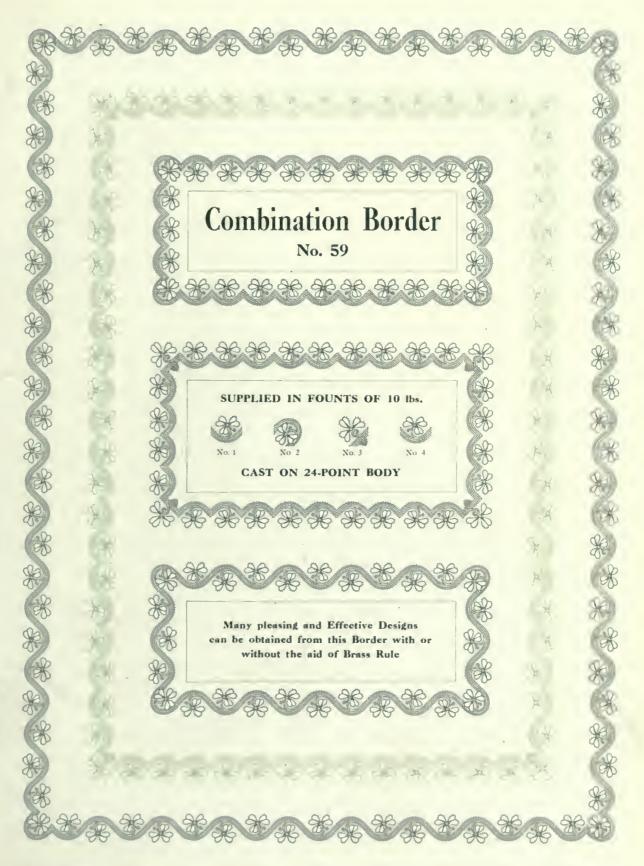


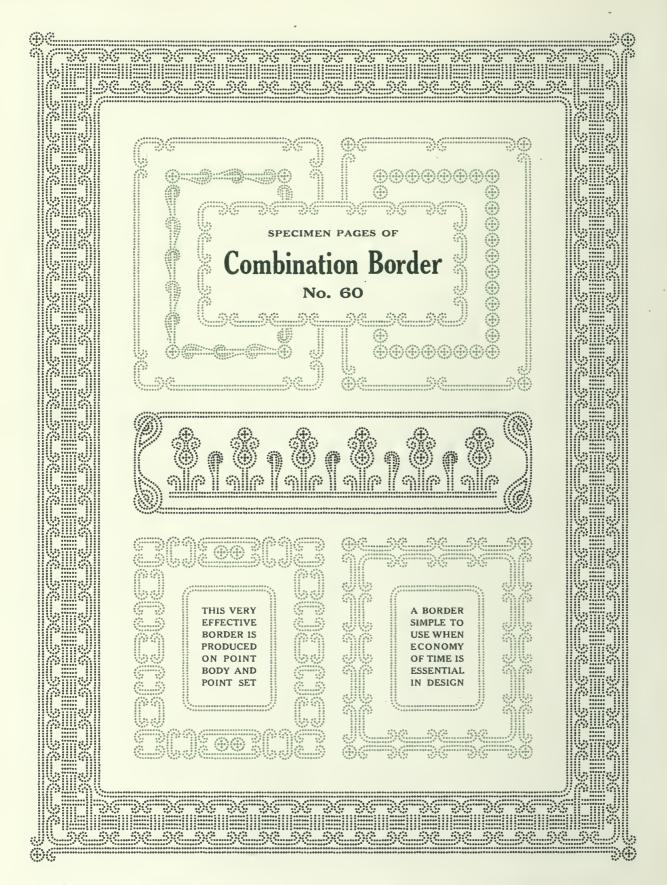


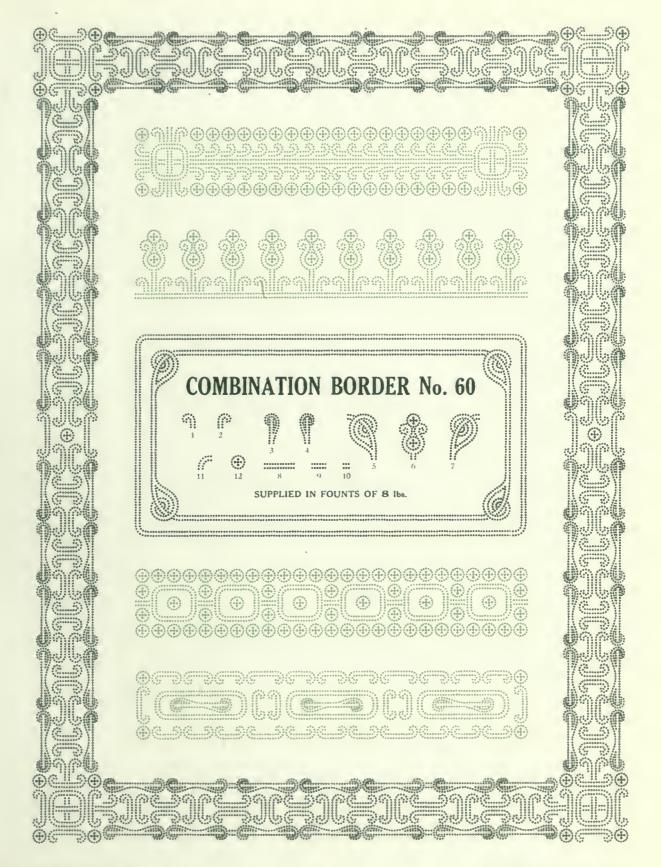


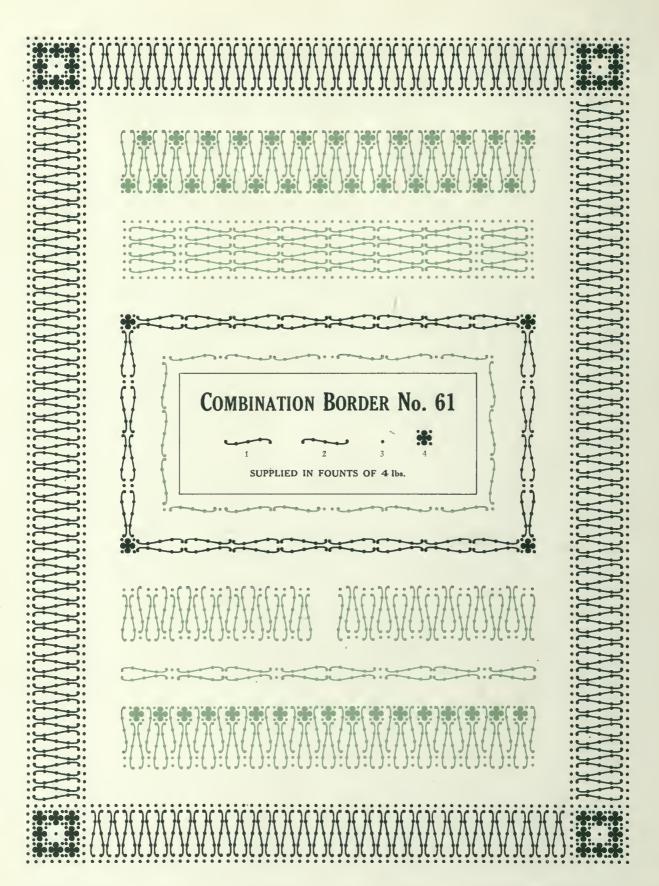














SYNOPSIS

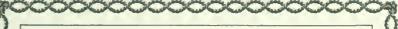






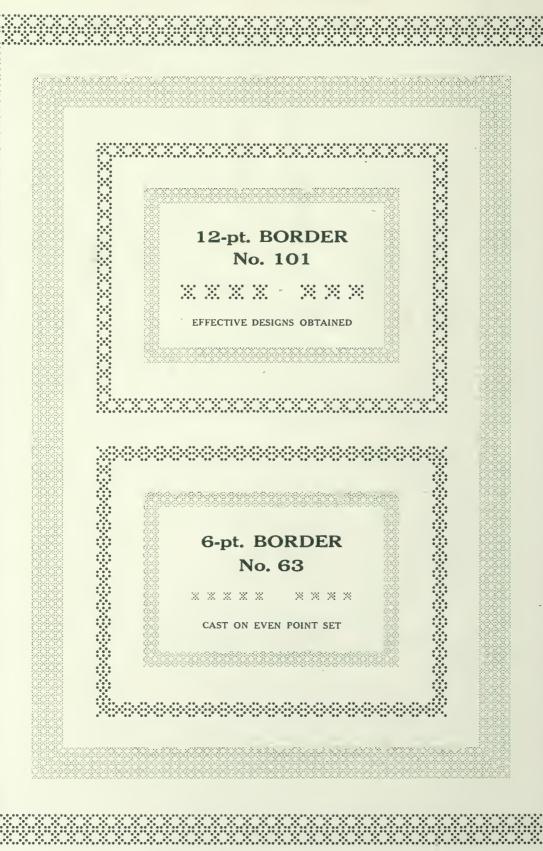
Supplied in Founts of 4 lbs.

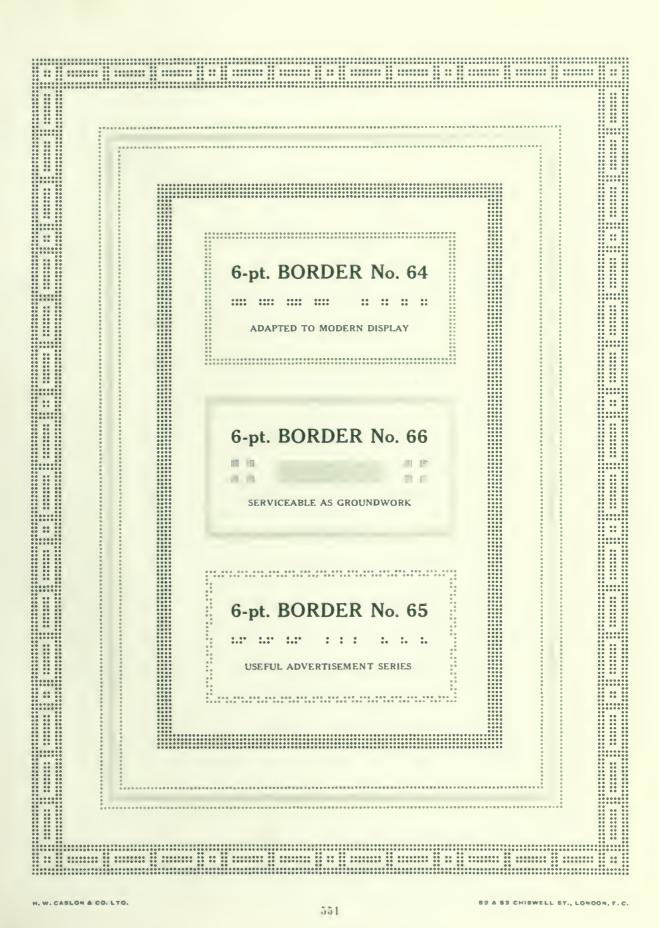
THIS SIMPLE AND EFFECTIVE BORDER IS ESPECIALLY SUITABLE FOR SHIPPING ADVERTISEMENTS, &c.





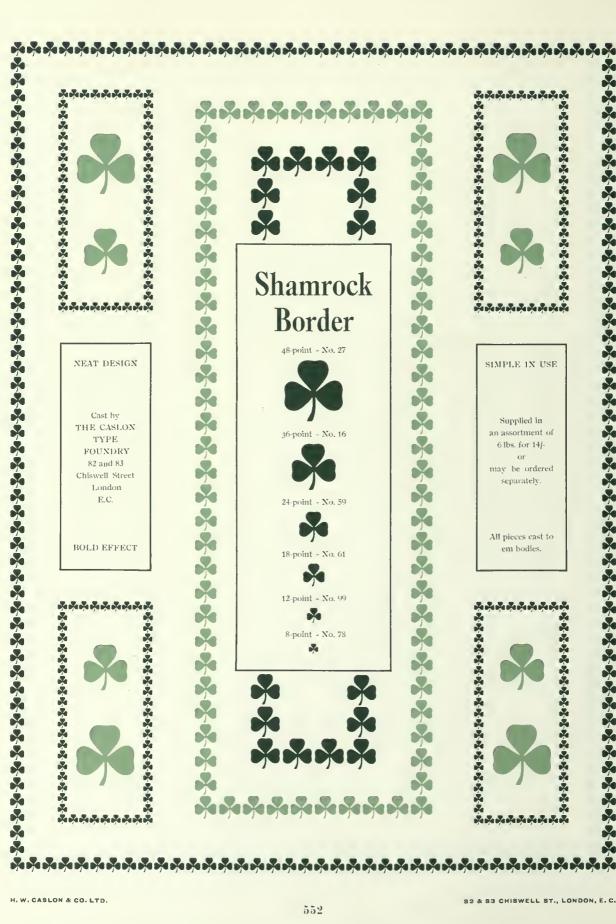
For complete list of Nautical Electros see pages 652-653





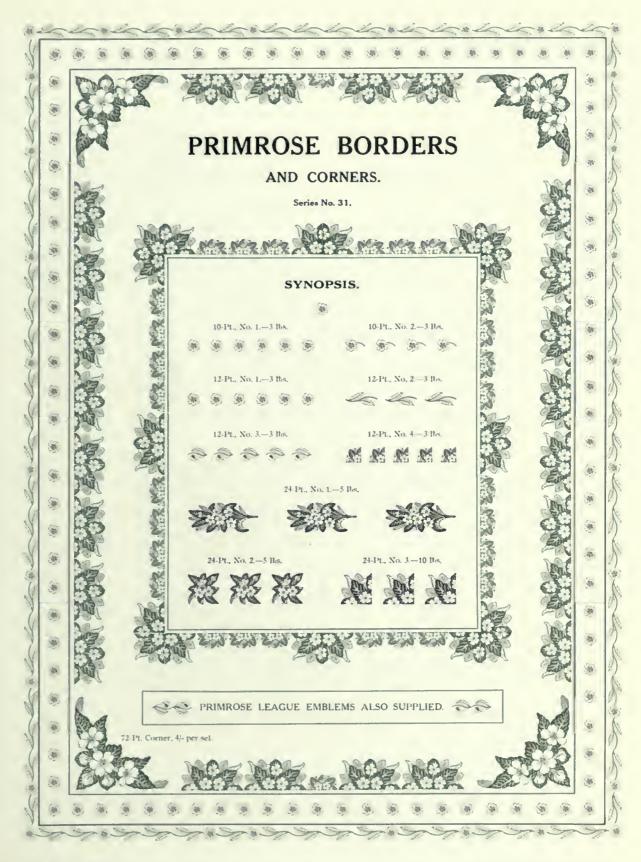


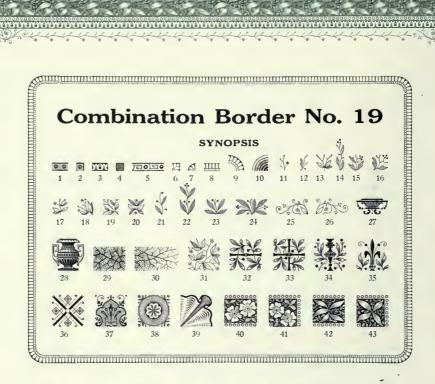


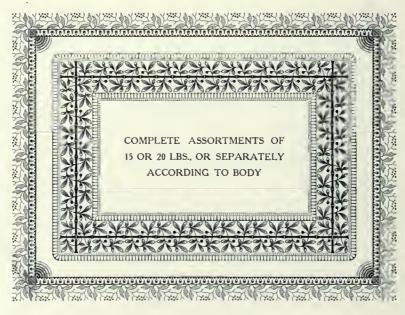




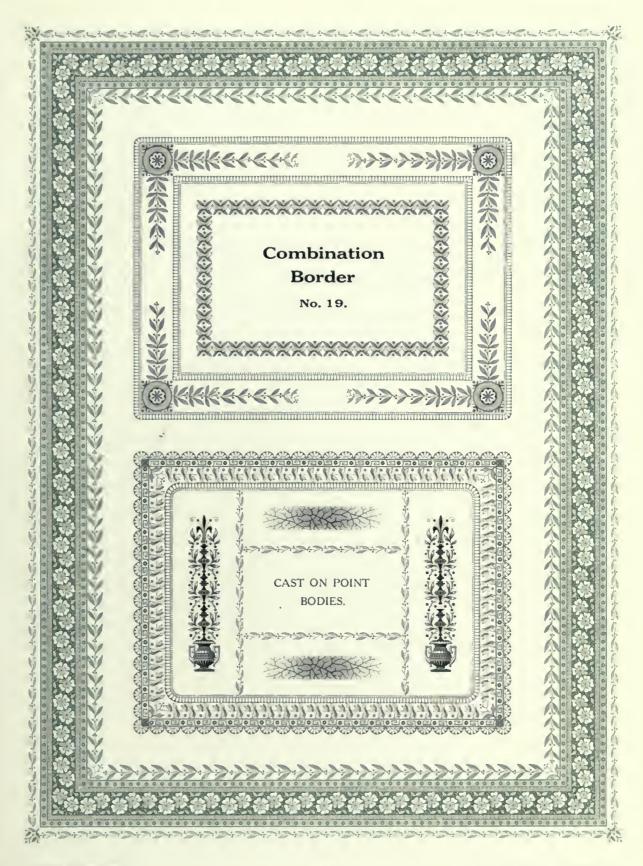


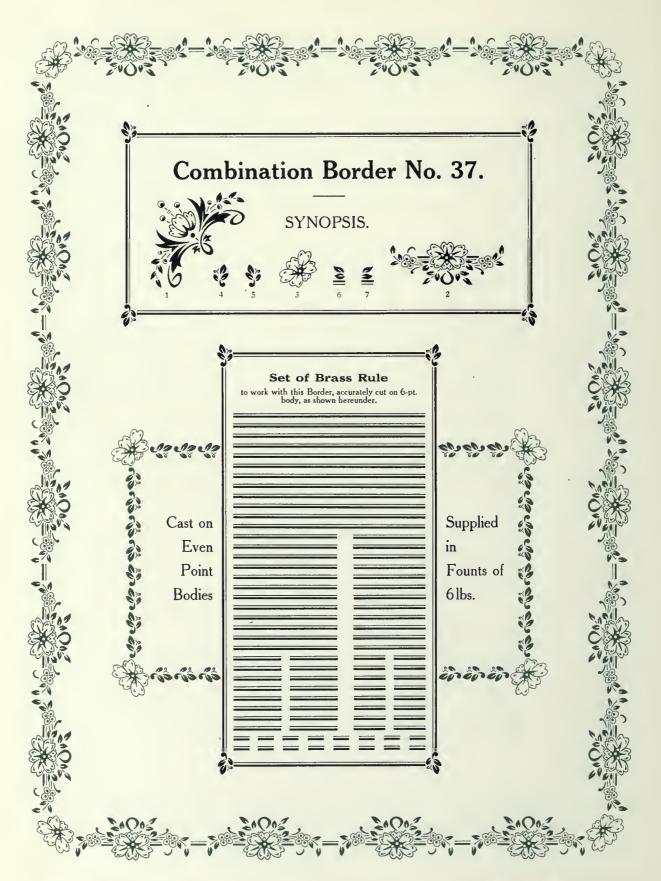


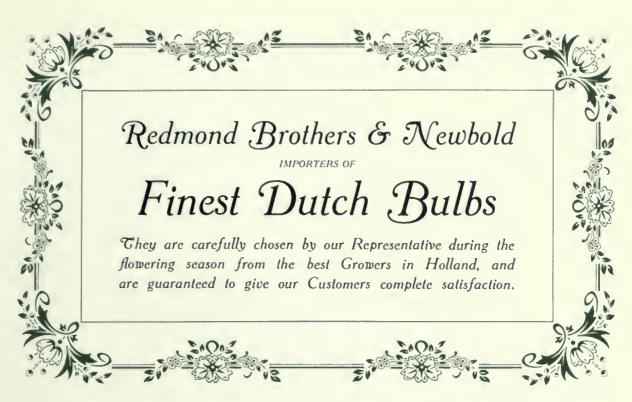


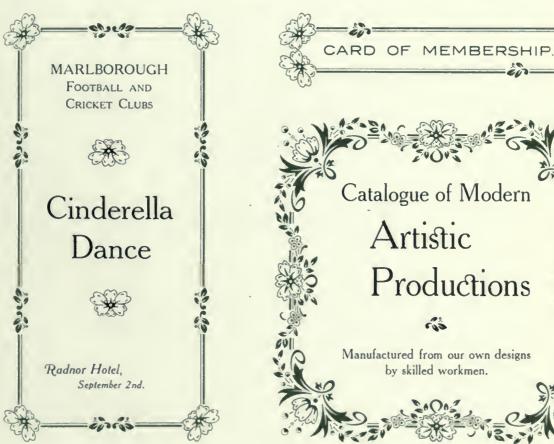


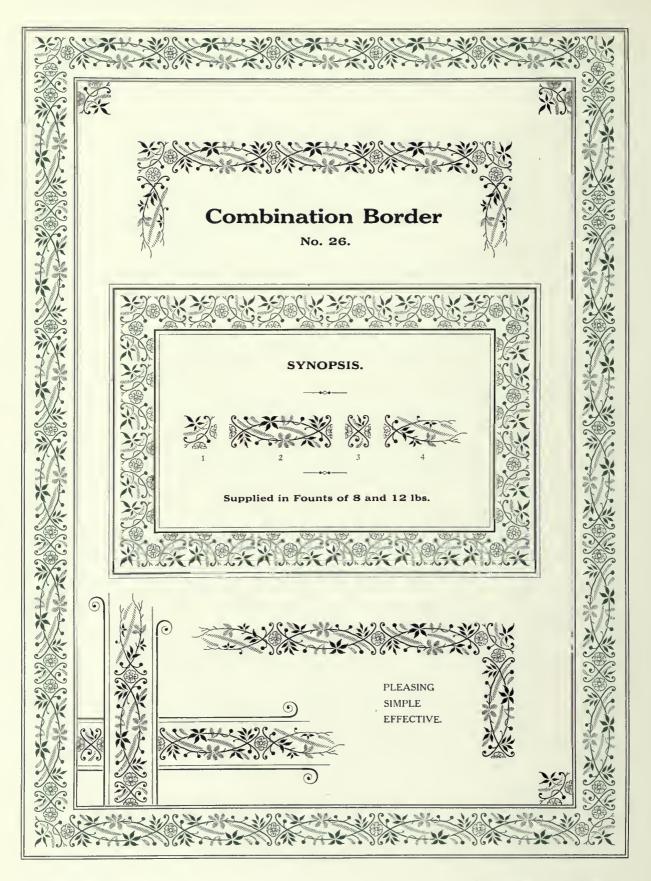
さんしゅしん しんしんしんしん しんしゅしゅん かんこん こんしゅ このしん なんこん こんしゅ こんしん

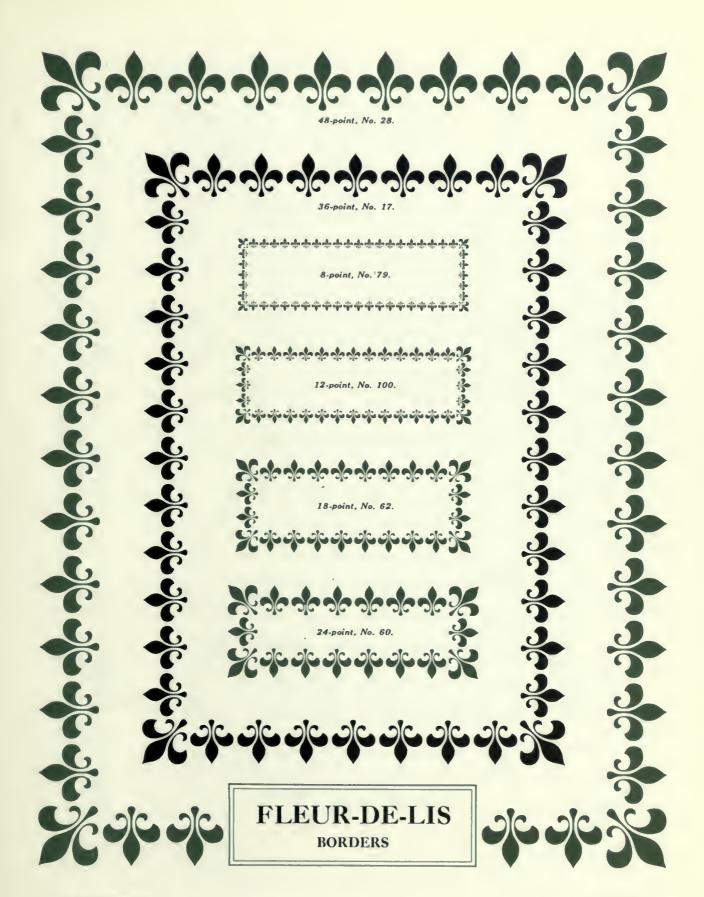




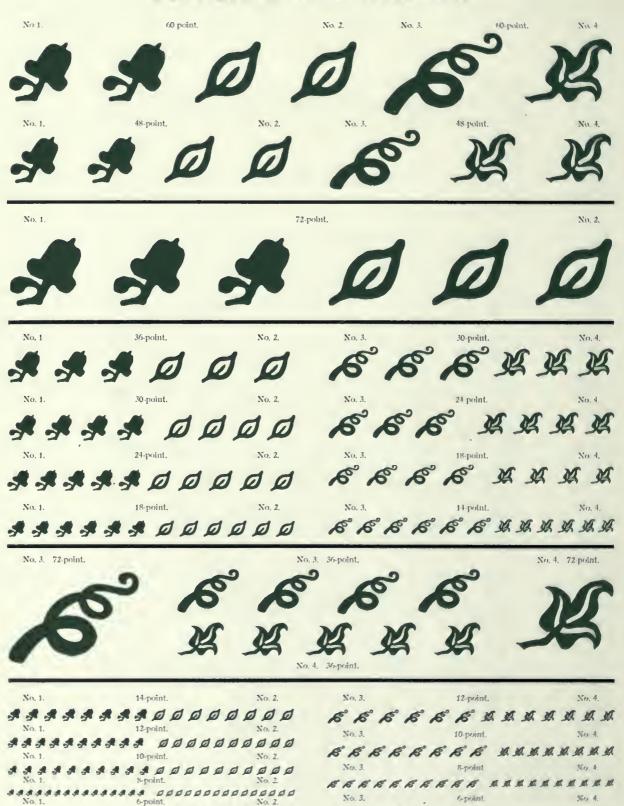






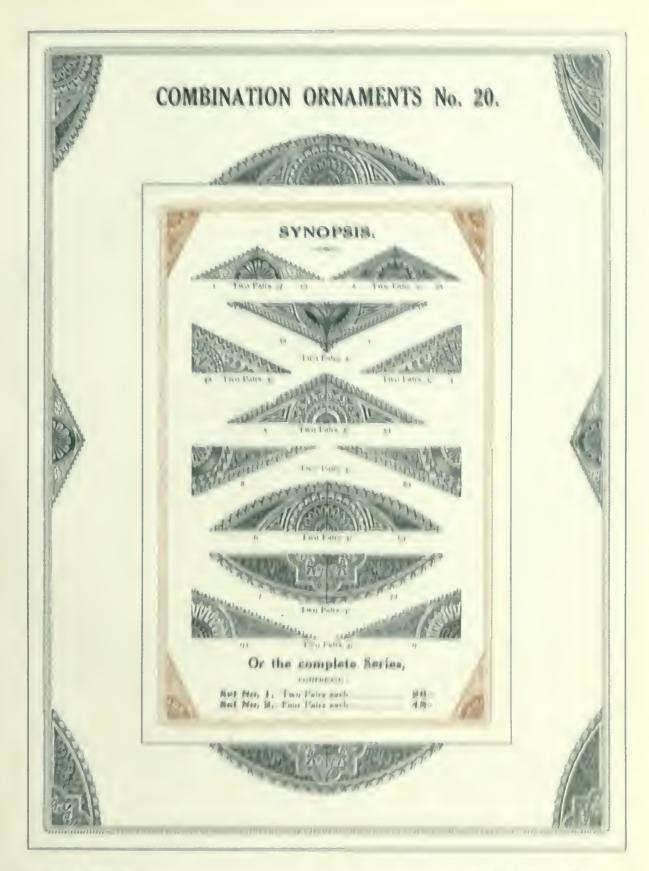


MORLAND ORNAMENTS.



ERAKKKKKKKKK

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AURIOL ORNAMENTS

SERIES No. 52.





Kensington School of Fine Art



Seventh Annual Banquet

Cavour Restaurant S.W.





SOUP

Clear Ox Tail

Mock Turtle

FISH

Boiled Cod and Oyster Sauce

Fried Whitebait

Fried Smelts

JOINTS

Roast Sirloin of Beef

Saddle of Muttoo

Veal and Ham

POULTRY

Roast Duck Boiled Fowl

SWEETS

Manchester Pudding

Ice Puddiog

Cream Meringues



Friday

4th March

1915

A New Term commences on Mondoy, 23rd April, of the Centrol Schools.





Particulars will be glodly supplied by the Secretary or the Dinner Stewards.

33









CARD ORNAMENTS

SERIES No. 27.





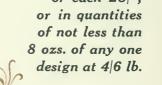


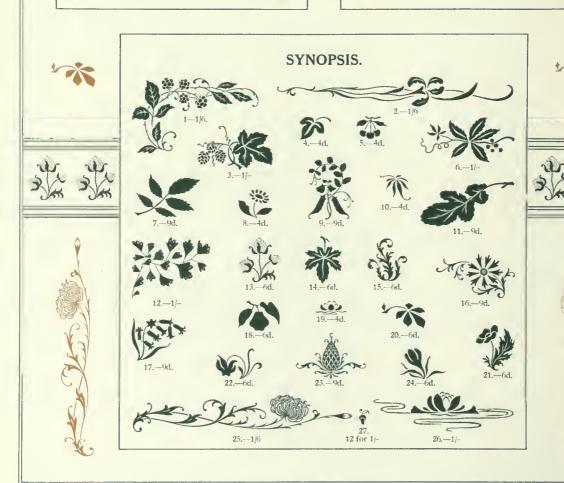


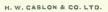
Cast on Point Bodies and Point Set. Can be effectively used for embellishing all kinds of Circulars, Cards, Programmes, etc.

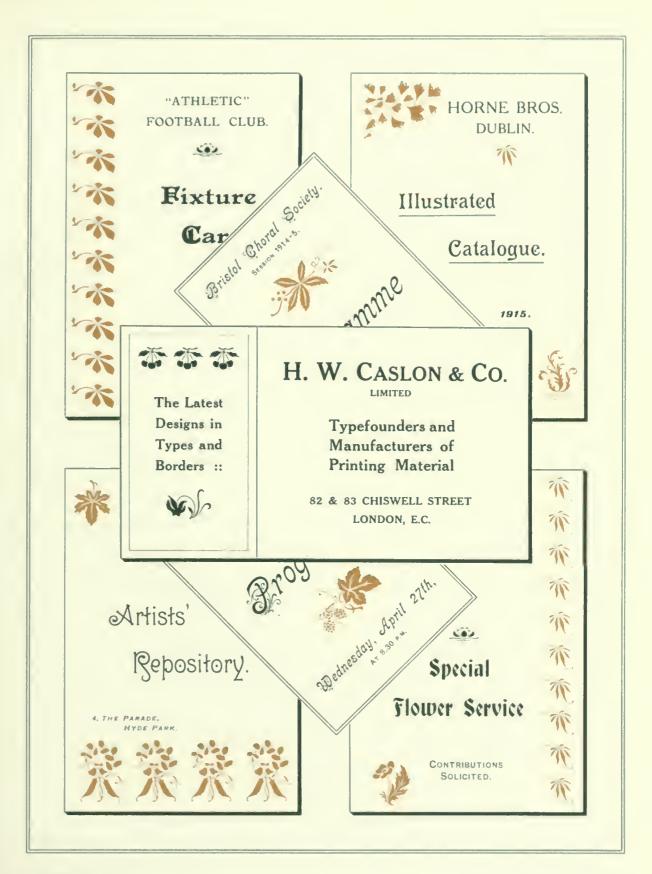


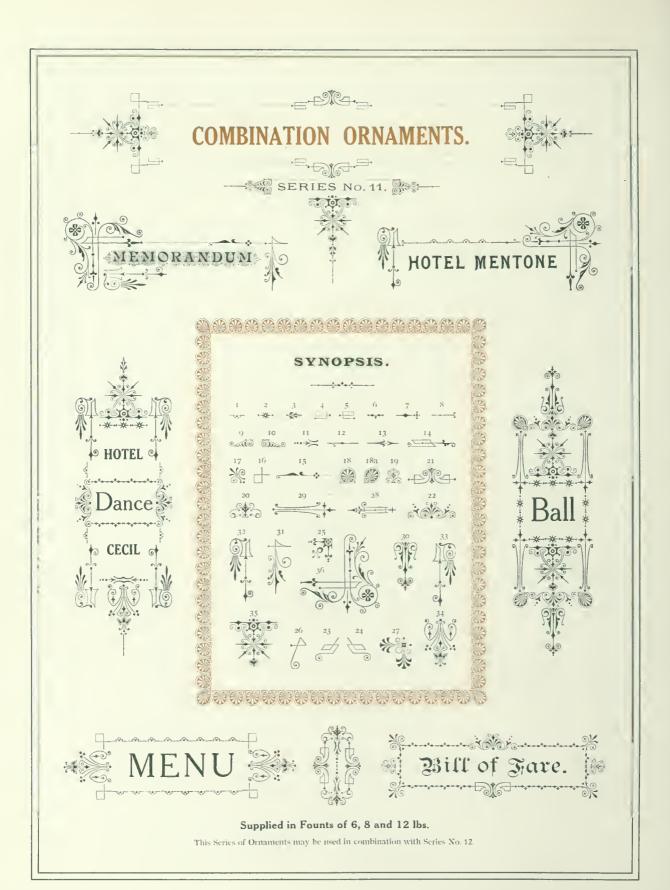
Supplied in Complete Assortments, containing two of each 28 -;











COMBINATION ORNAMENTS

SERIES No. 12.

Drury A

CARL ROSA'S

> Operatic Company

> > Stalls 6

Dr. Bruce

MARCH

PAPER HANGERS GRAINERS

WEST

BATH

Admit Bearer.

CASLON

HENDON DECORATING CO.

ARTISTIC
WORK,
DADOS,

Supplied in Founts of 6, 8 and 12 lbs.

This Series of Ornaments may be used in combination with Series No. 11.

SERIES No. 25.

POINT BODIES.

RULE ORNAMENTS

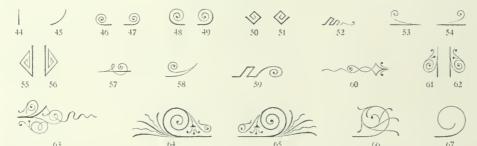
Any Assortment made up to Order.

SECTION I.





SECTION II.

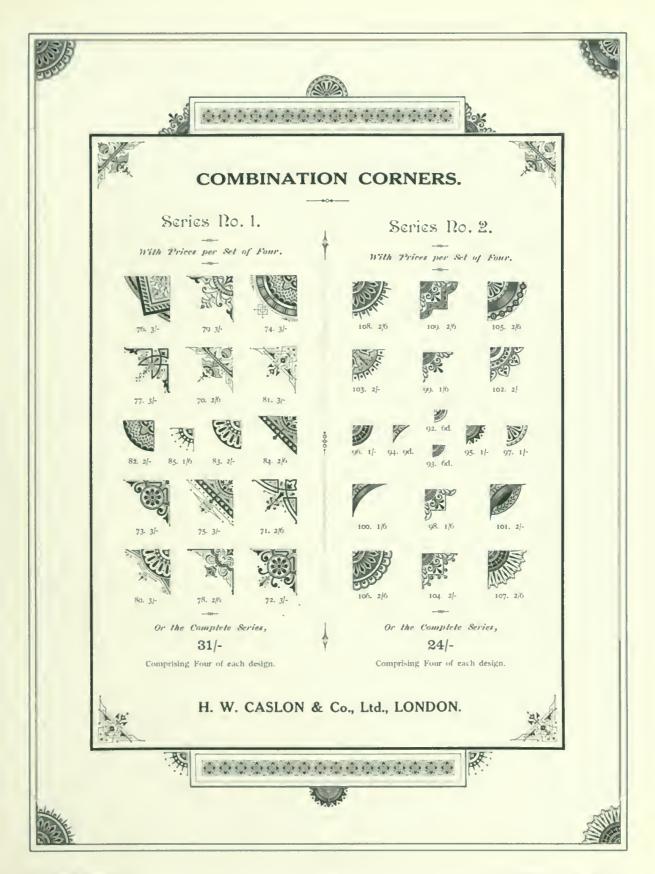


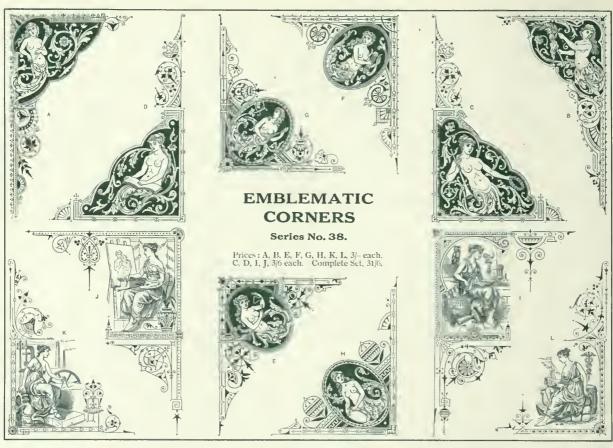
SECTION III.

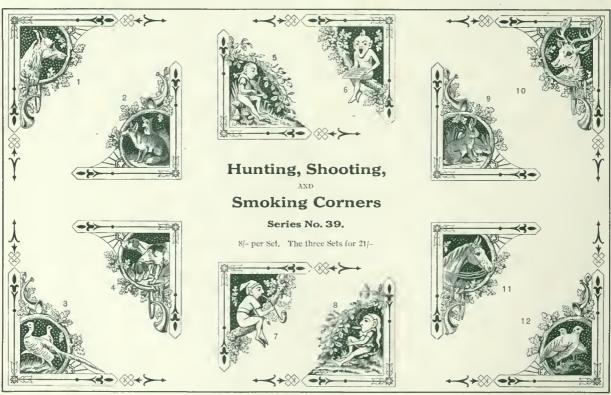


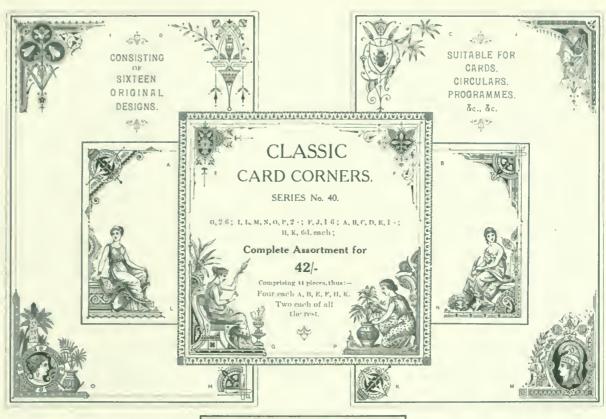


Supplied in Founts of 6 lbs.

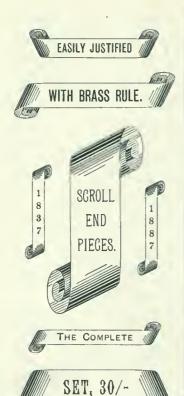


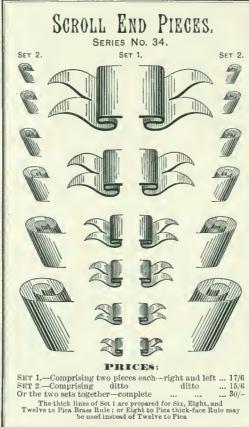






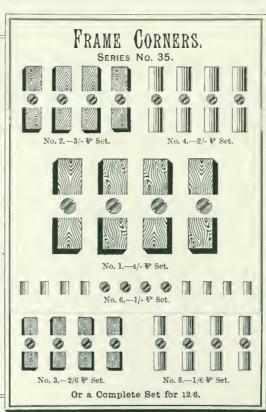




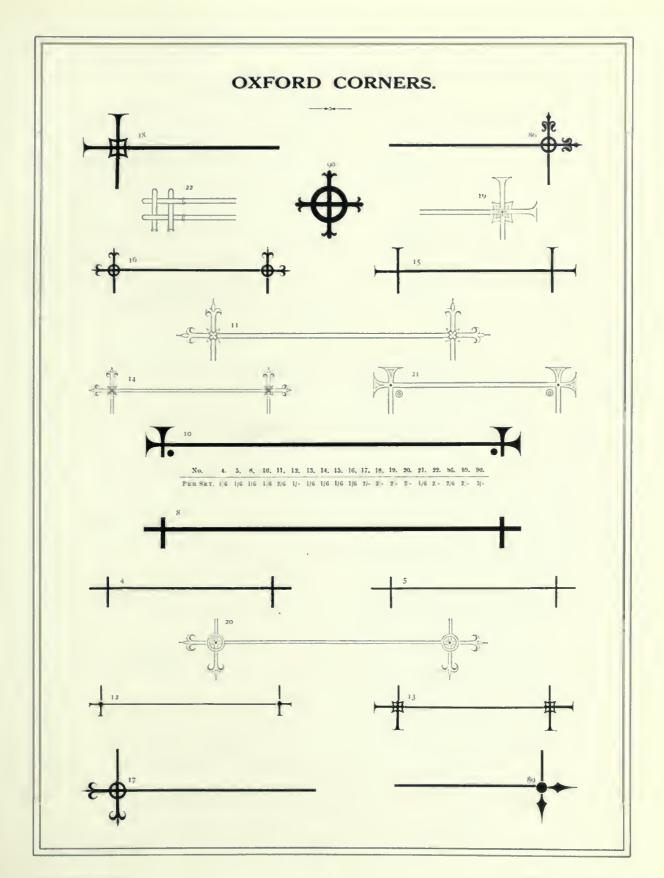


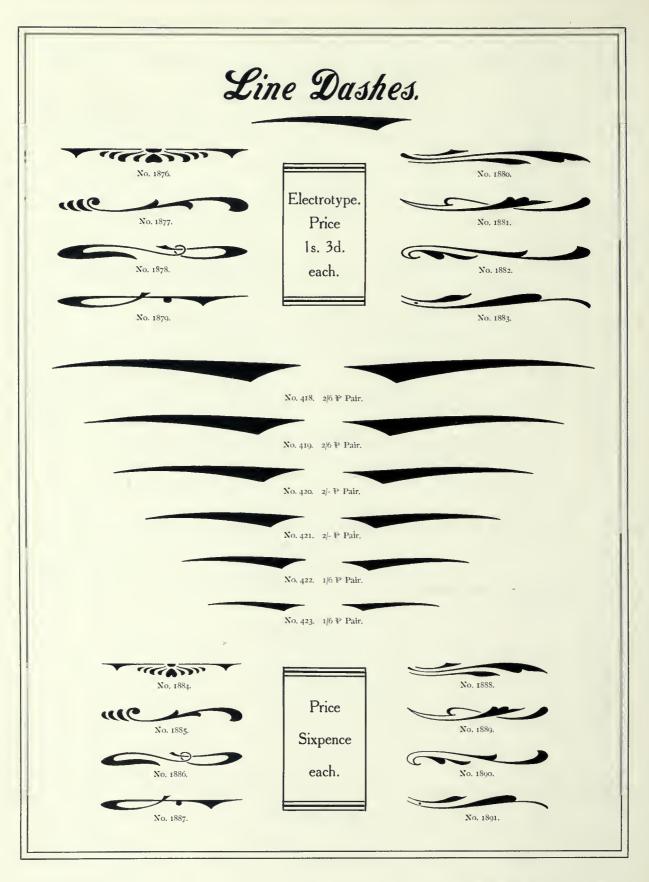


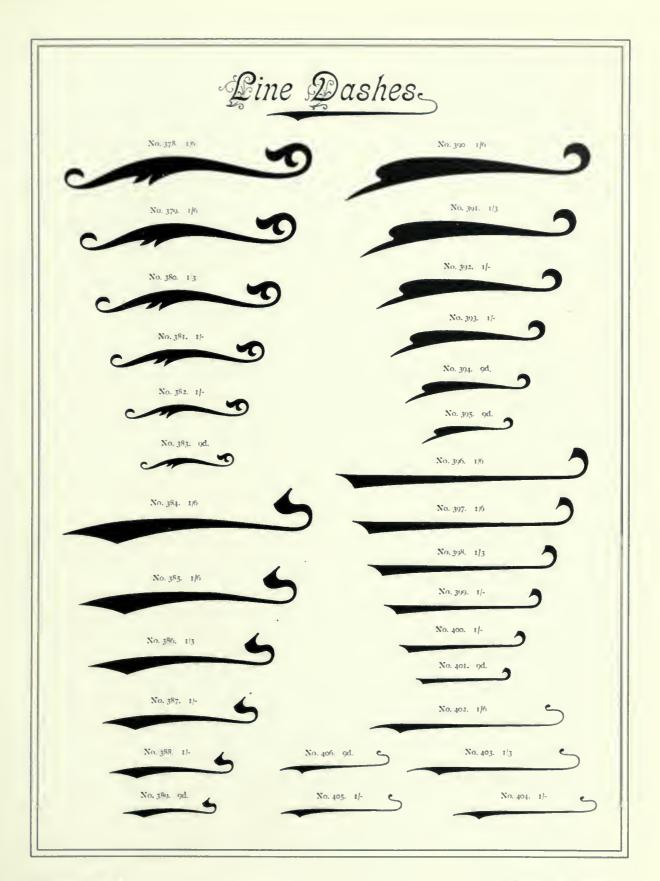






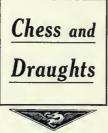




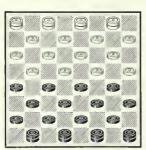




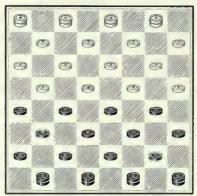
Two-line Long Primer.
11/6 per Set, including Rules.—128 pieces.



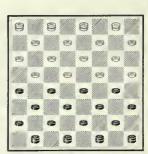
Great Primer,
10/6 per Set, including Rules.—128 pieces.



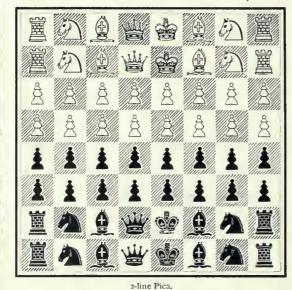
Pica, No. 1. 3/6 per Set, including Rules.



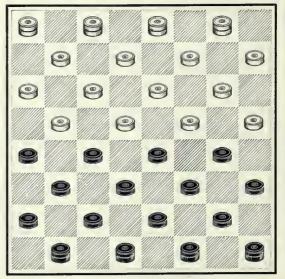
Great Primer.
5/- per Set, including Rules.



Pica, No. 2. 3/6 per Set, including Rules.



12/6 per Set, including Rules.—128 pieces.



2-line Pica. 6/6 per Set, including Rules.



Barabandy Ornaments

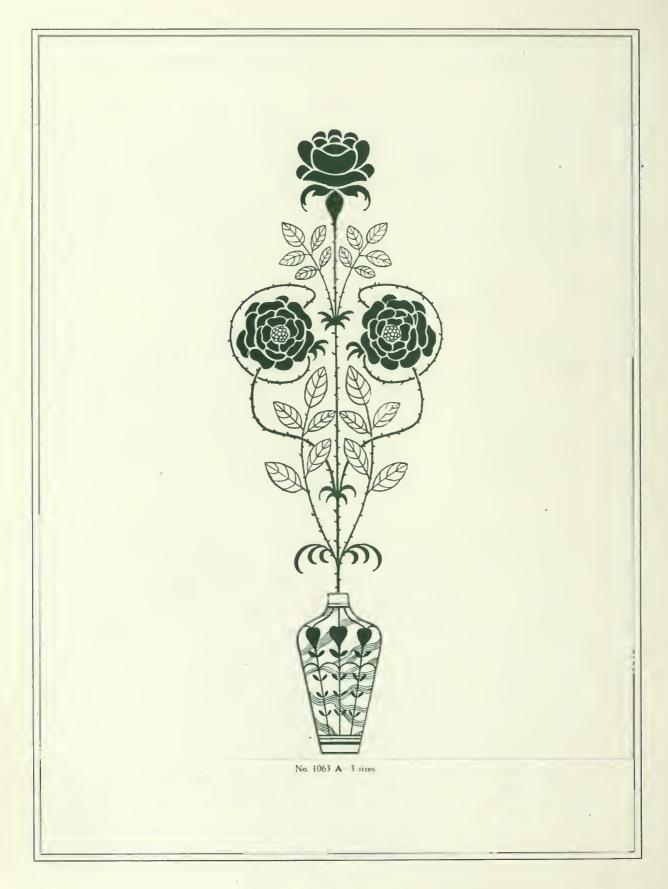
A SERIES OF ART ELECTROS SUITABLE FOR THE JOB PRINTER



Manufactured by

H. W. Caslon & Co. Ltd. Chiswell Street, London, E.C.





PRICE LIST OF BARABANDY ORNAMENTS.

ORNAMENTS "A."

1000	000		6/6	1017		•••	3/-		1034	•••		4/-	1053	•••	•••	3/6	1070	•••		5/-
1001		•••	3/6	1018	•••	***	3/6		1035	•••	•••	6/6	1054	•••	•••	3/6	1071	•••	•••	6/6
1002	•••	•••	4/6	1019	***	***	3/-		1036	•••		8/6	1055		•••	3/6	1072	•••		3/-
1003	***	•••	3/-	1020	•••	•••	3/-		1039	***	•••	6/-	1056	• • •	•••	7/-	1073	•••	***	3/6
1004	+ 0 0	•••	7/6	1021	•••	•••	4/-		1040	•••		5/-	1057	• • •	•••	3/6	1074		•••	5/-
1005	***	***	5/-	1022			5/-		1041			5/-	1058	***	***	4/=	1075		• • •	4/6
1006	***		5/-	1023		****	5/-		1042		***	6/-	1059			6/-	1076	***		5/6
1007	***		2/-	1024	***	***	5/-		1043	•••		4/-	1060			8/6	1077			5/-
1008	***		3/-	1025		***	4/6		1044		***	8/6	1061	***	•••	8/6	1078	***		3/-
1009	***	***	8/6	1026	•••		8/6		1045	•••	***	5/-	1062	• • •		6/6	1079	• • •		6/6
1010	***	***	5/-	1027	•••	***	5/-		1046		***	3/6	1063	•••	***	5/6	1080	•••		2/-
1011	•••		3/-	1028	•••		5/-		1047			3/6	1064	•••	***	8/6	1081	***	***	3/-
1012	***		3/-	1029	•••	***	4/-		1048	***		6/6	1065	***	***	8/6	1082	***	***	3/-
1013	***	***	4/-	1030		***	8/6		1049	• • •	•••	6/6	1066	•••	***	3/-	1083	***	***	3/-
1014	***	***	3/6	1031	•••	***	5/-		1050			6/6	1067			5/-	1084	***		4/-
1015	***		5/-	1032	•••	***	5/-	T	1051		***	6/6	1068	•••	•••	5/6	1085	•••		3/-
1016			216	1033			616		1052			416	1069			716				

ORNAMENTS "B."

1004	***		5/6	1020	***	***	2/-	1035	•••	•••	4/-	1052	***	***	4/-	1067	•••		4/6
1005			4/-	1021			2/-	1036	•••	•••	5/6	1053	***		3/-	1068	•••		5/-
1006	***		3/-	1022		***	3/-	1039	•••	• • •	4/-	1054	•••		3/-	1069	•••		5/-
1007	•••		1/6	1023	***	***	3/-	1040	•••	•••	4/-	1055			3/=	1070	•••		41-
1008			2/-	1024		***	3/6	1041	***	***	4/-	1056	•••	•••	6/-	1071	***	***	4/6
1009		***	6/-	1025			2/6	1042	•••	•••	5/-	1057	•••		3/=	1072	***		2/-
1010			3/-	1026			6/-	1043	***		3/-	1058		•••	3/-	1073	***		3/-
1011	•••	***	2/-	1027			3/-	1044			5/-	1059			4/-	1074	***	***	3/-
1012	•••		2/-	1028			3/-	1045	•••		3/6	1060	•••		5/-	1075	•••		3/-
1013			2/6	1029			3/-	1046	•••		3/-	1061	***		7/-	1076	***		3/6
1014		***	2/6	1030	***		5/6	1047	***		3/-	1062	•••		5/-	1077	***		3/6
1015	•••	• • •	3/-	1031			3/6	1048	•••		5/-	1063	•••		4/6	1078	•••		3/-
1016	• • •		2/-	1032			3/-	1049	•••		5/-	1064			7/6	1079	***		4/6
1017			1/6	1033			4/6	1050	***		5/-	1065	***	***	5/6	1080	***		1/6
1018	***	***	21-	1034			2/6	1051	• • •		5/-	1066	•••		3/-	1084	•••	***	3/-
1010			21-													1085			21-

ORNAMENTS "C."

1004	***	***	41-	1016	***		1/6		1029			1/6	1049			4/-	1065	***	
1005		***	3/-	1018	***		1/-		1030	•••	•••	4/6	1050			4/-	1067	***	
1006		***	2/-	1019	***	***	1/-		1031	•••	•••	1/6	1051		• • •	4/-	1068		
1007			1/-	1022			2/6		1032	•••	•••	1/6	1056	***		4/-	1069	•••	
1008			1/6	1023	***		2/6	٠	1033	***	• • •	2/6	1057		•••	2/-	1070	•••	
1009	***	***	4/6	1024	***	***	3/-		1037			4/-	1060		• • •	4/-	1071	•••	
1010	***		2/-	1025	***	• • •	2/6		1038	• • •		4/-	1061			5/-	1072	•••	
1012	***	***	1/6	1026			2/6		1042			4/6	1062			3/6	1074	***	
1013		***	2/-	1027	•••		2/6		1046			2/-	1063			3/-	1075	***	
1014	***		1/6	1028	***		2/6		1047	***	***	2/-	1064			5/6	1076		
1015			21-						1048			41-					1079		

ORNAMENTS "D."

1037	***	***	2/6	1048	***	•••	3/•	1050	•••	***	3/-	1069	•••	***	3/-
1038		***	2/6	1049	***	• • •	3/-	1051	•••	***	3/-				

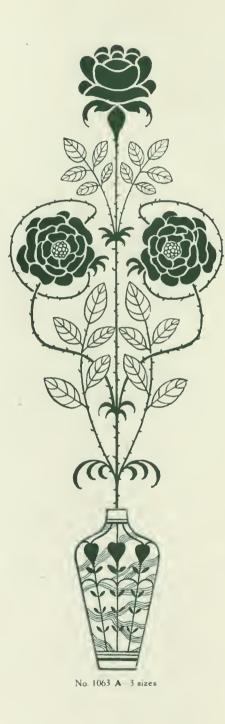
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ORNAMENTS "F."

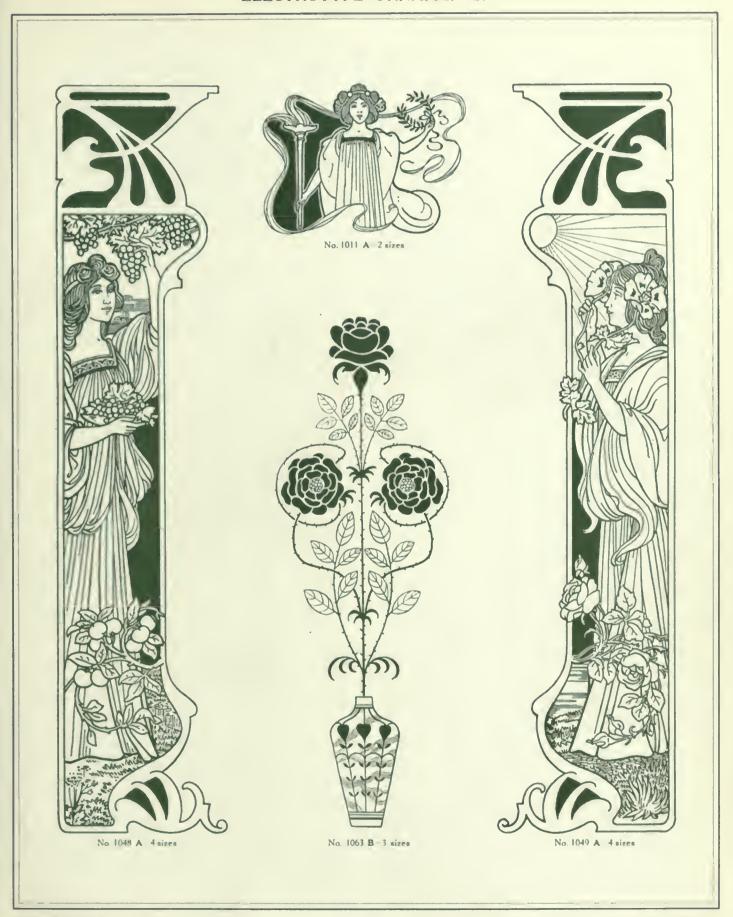
1037 4/0 | 1038 4/0 | 1037 2/6 | 1038 2/6

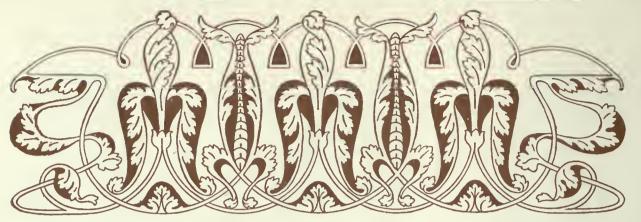
Subject to usual terms and discount.











No. 1068 A 3 sizes.



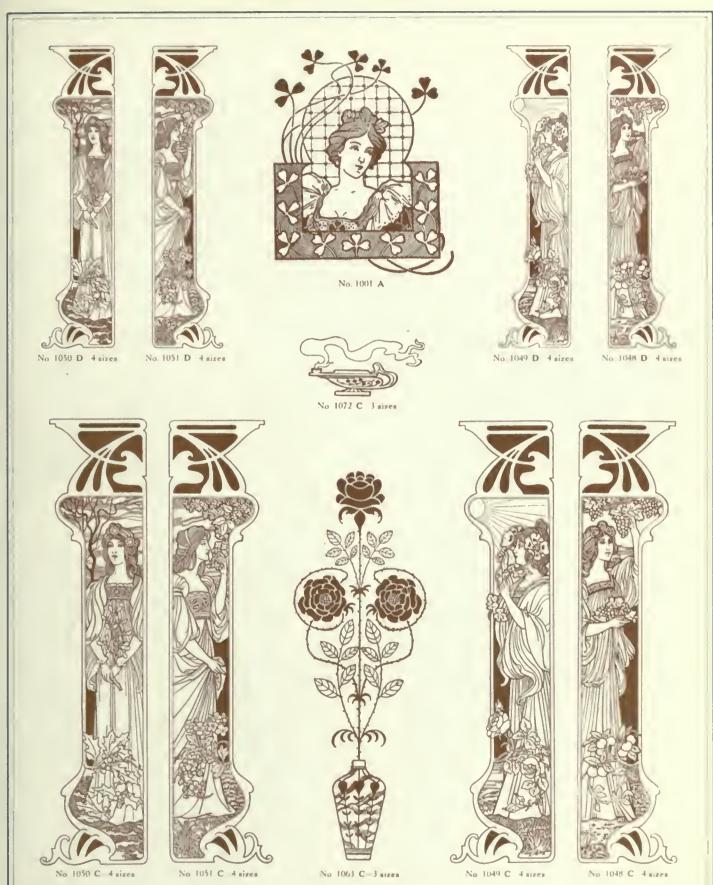
No. 1051 B-4 sizes

No. 1049 B 4 sizes



No. 1048 B-4 sizes

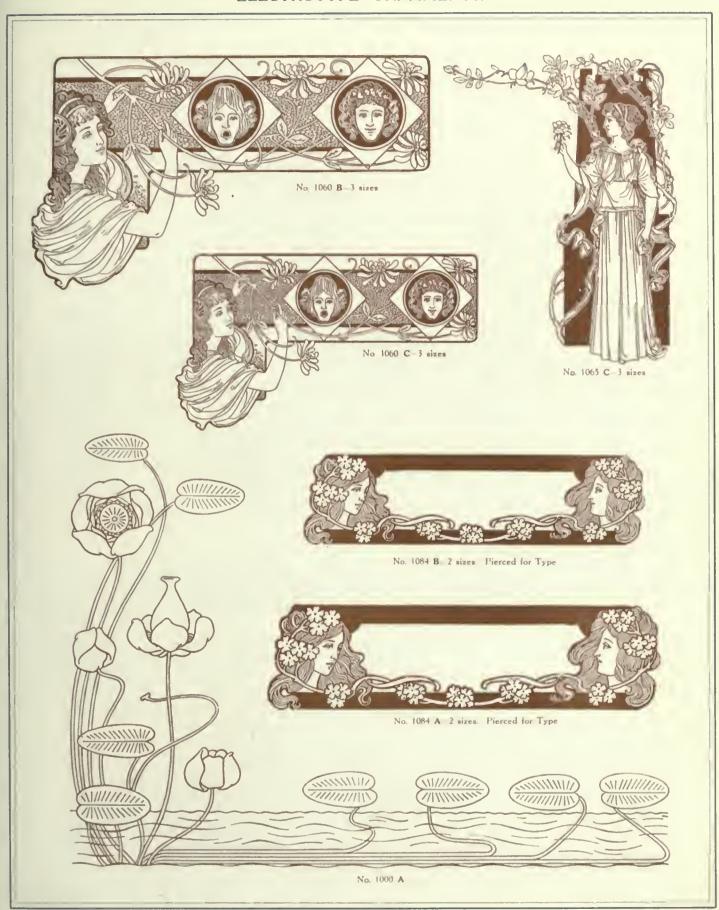
No 1050 B--4 sizes



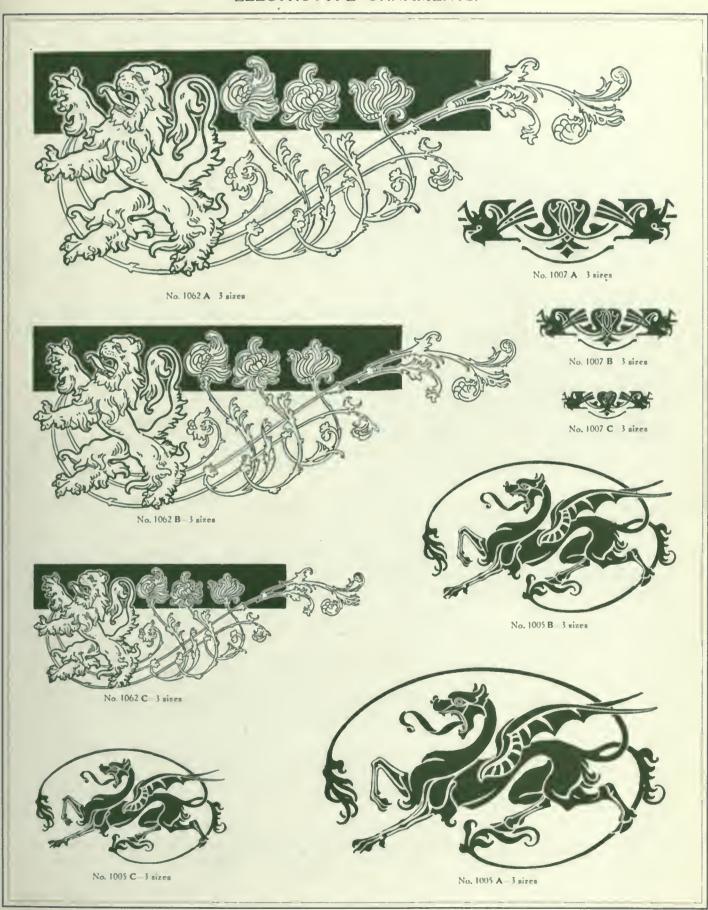


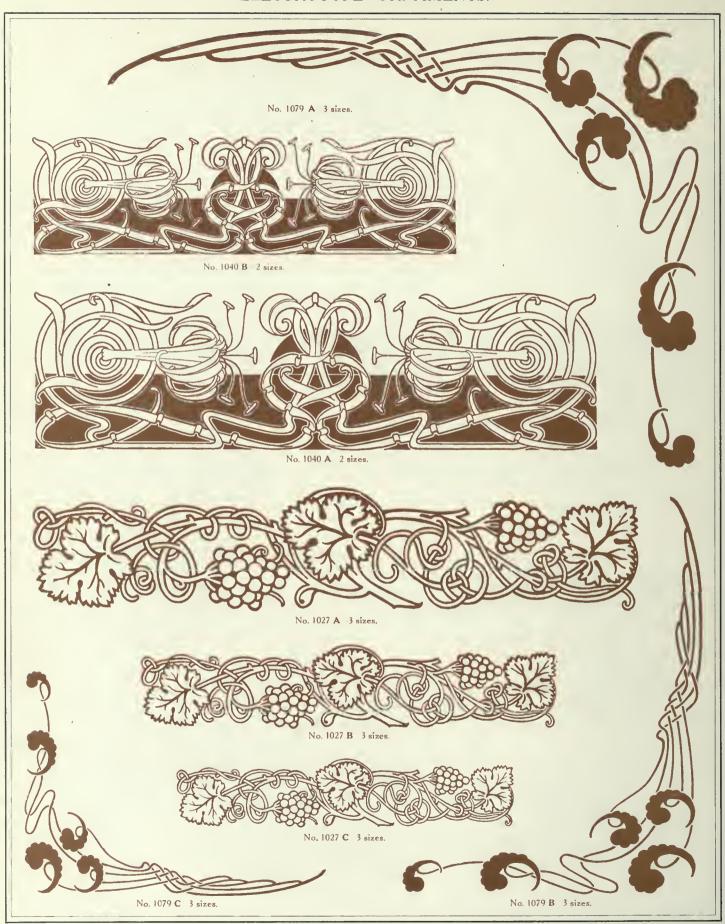


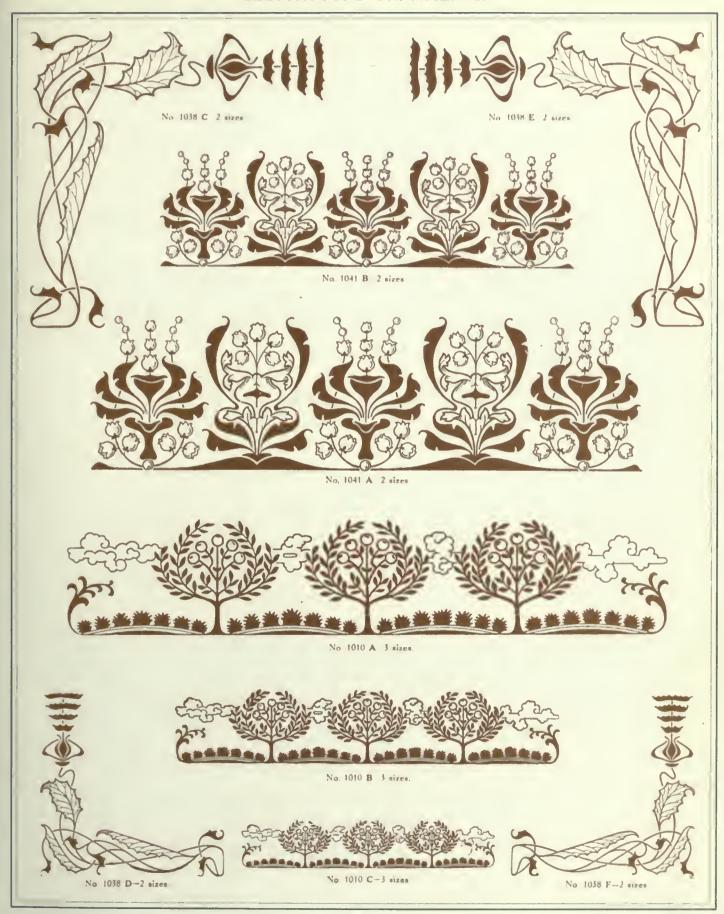














No. 1028 B 3 sizes.



No. 1031 C-3 sizes.



No. 1031 A-3 sizes.



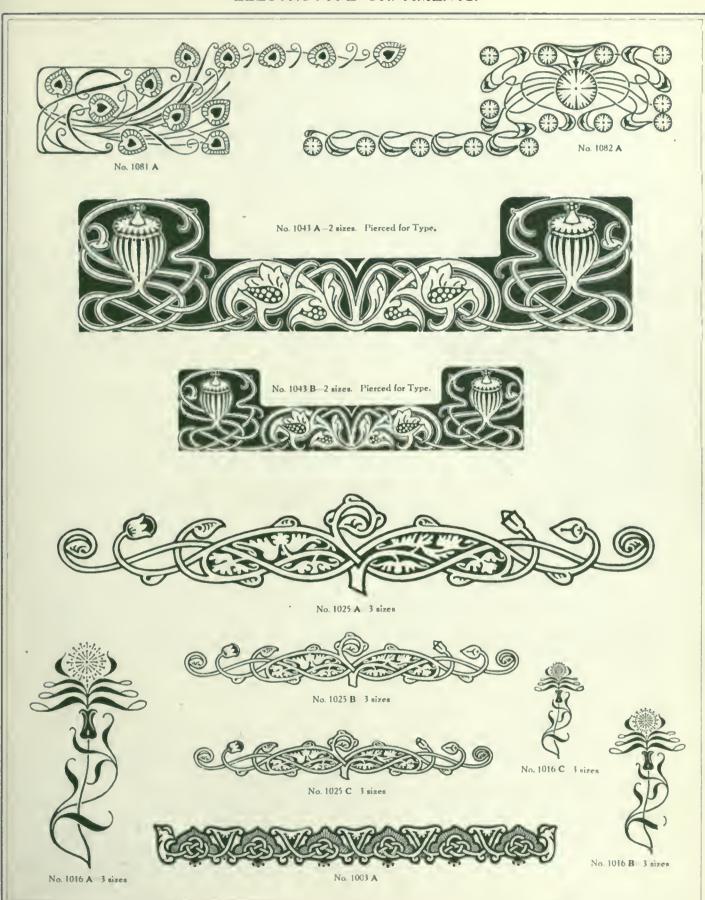
No. 1031 B -3 sizes.

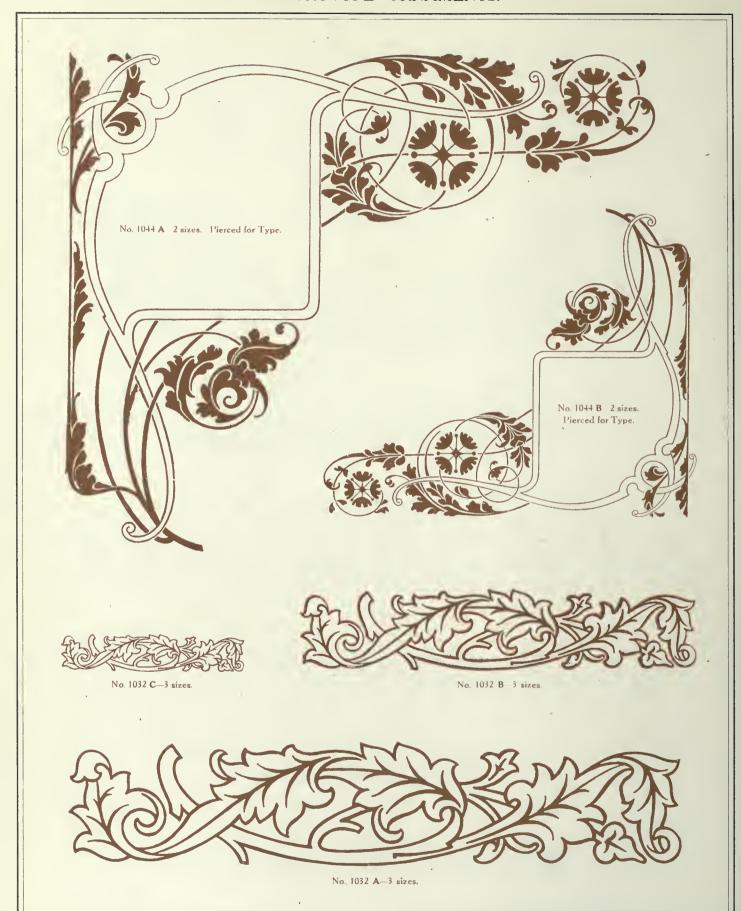


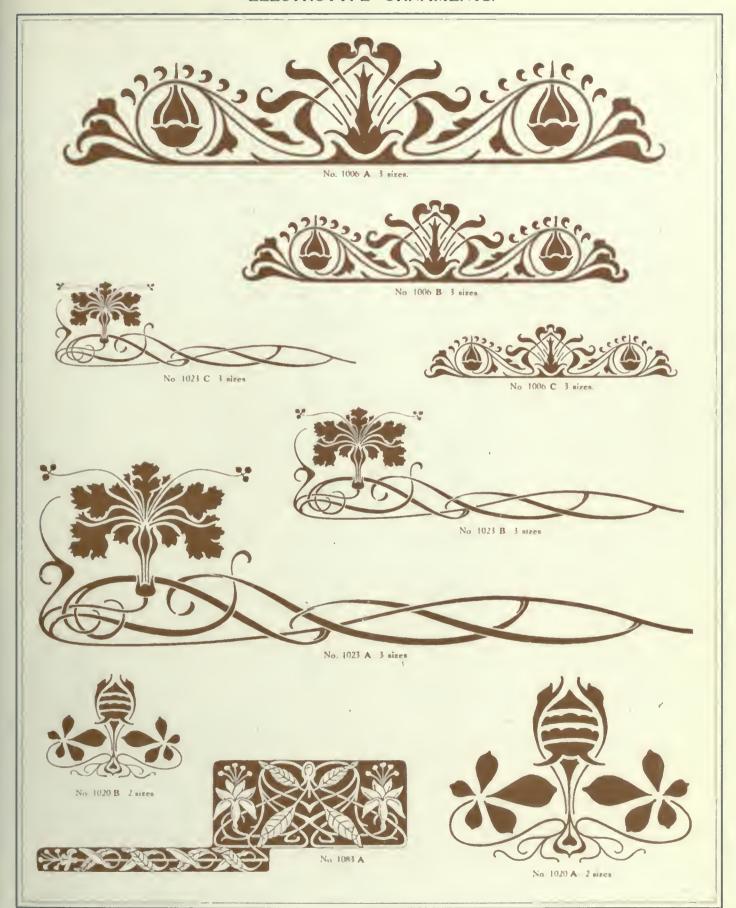
No. 1028 A 3 sizes. .

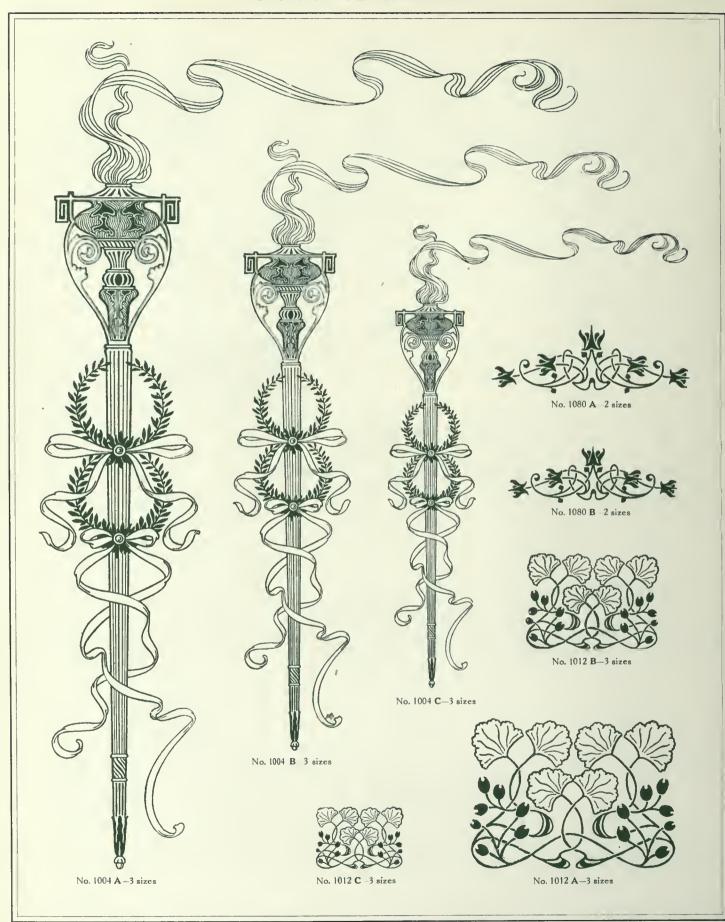


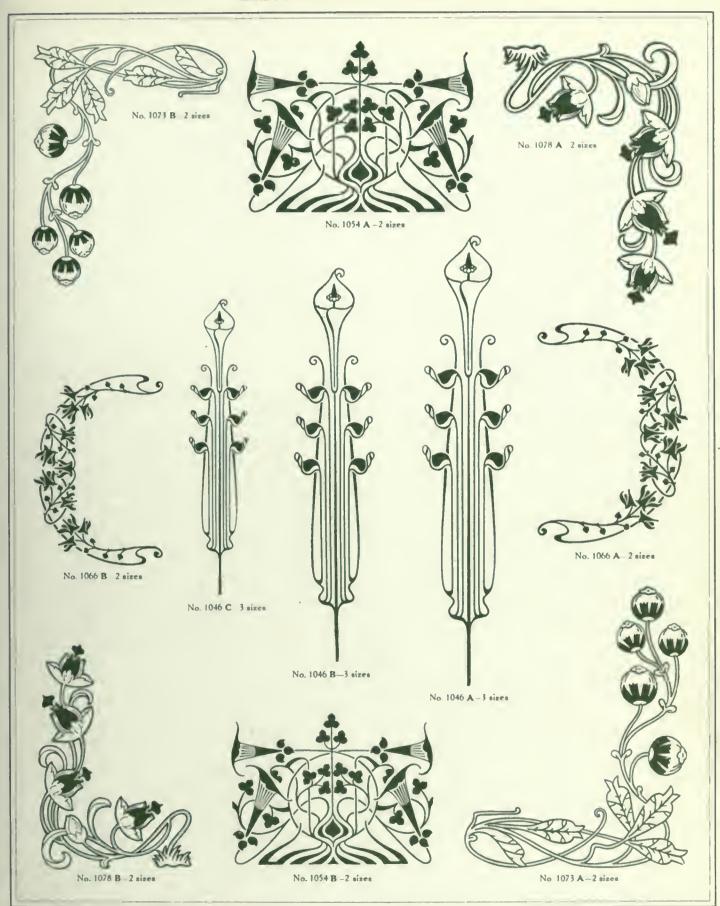
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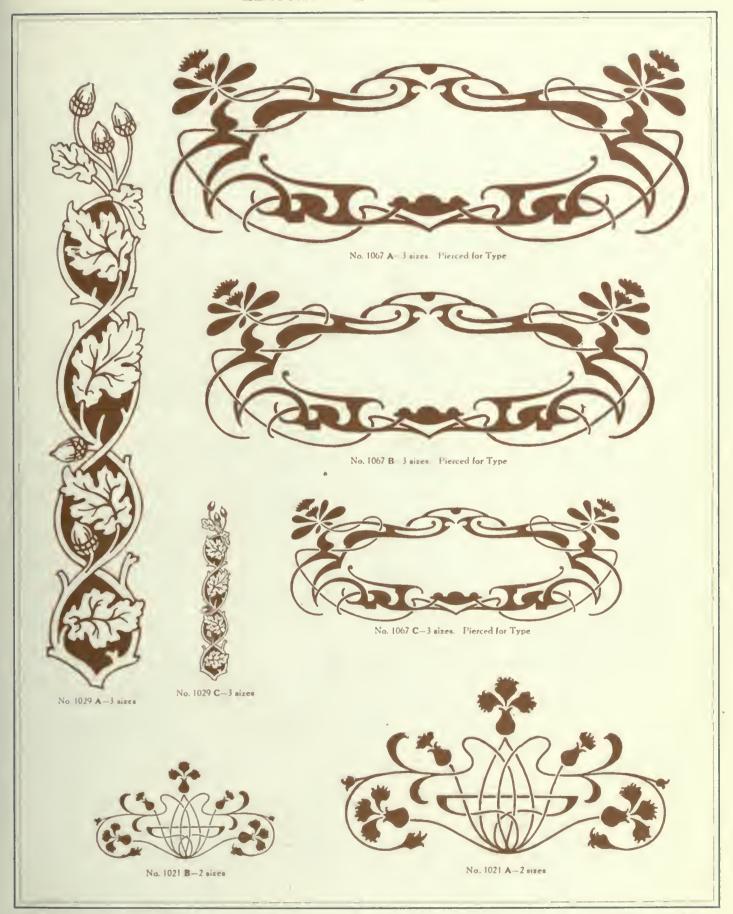


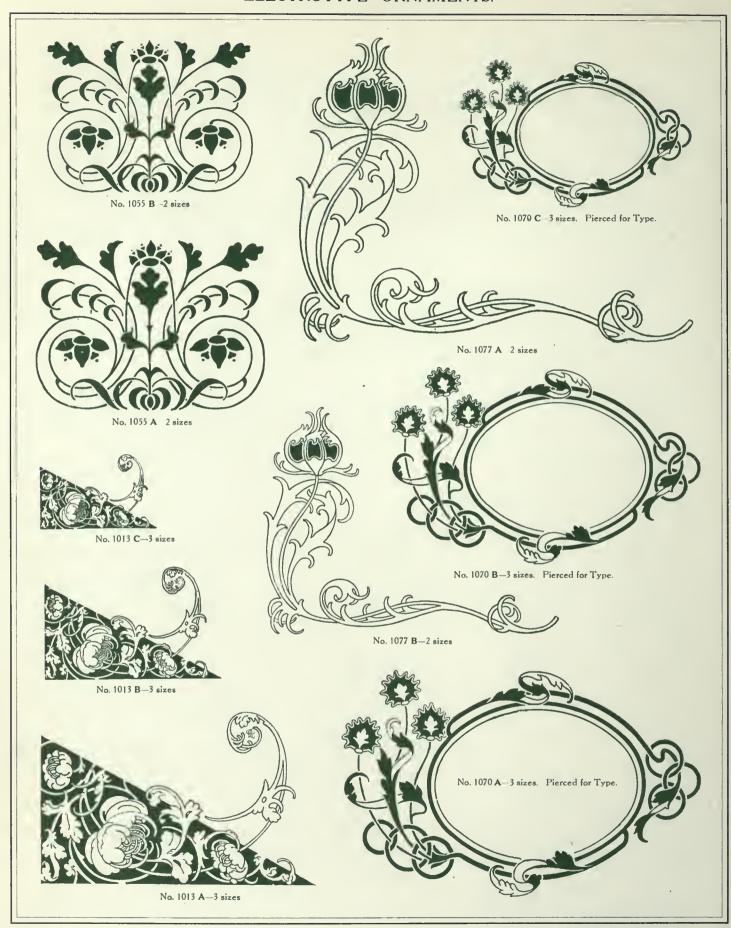


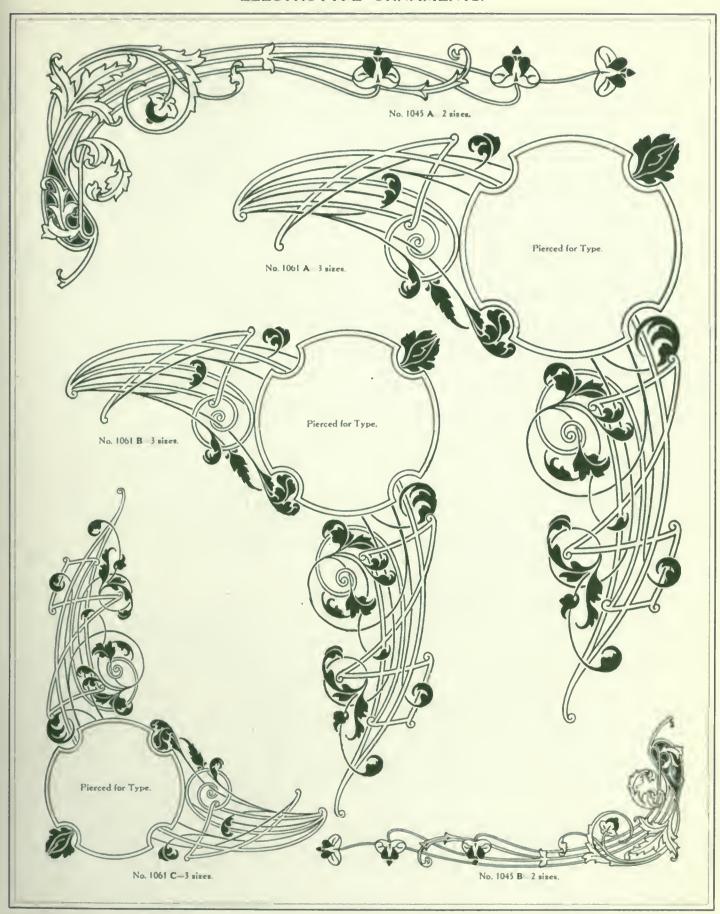


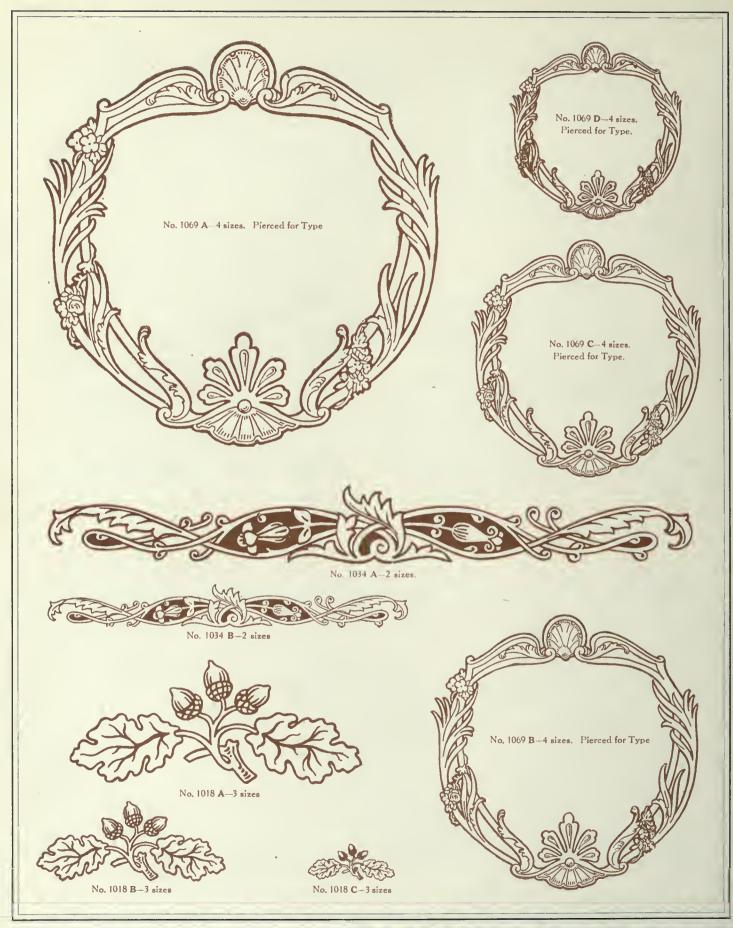


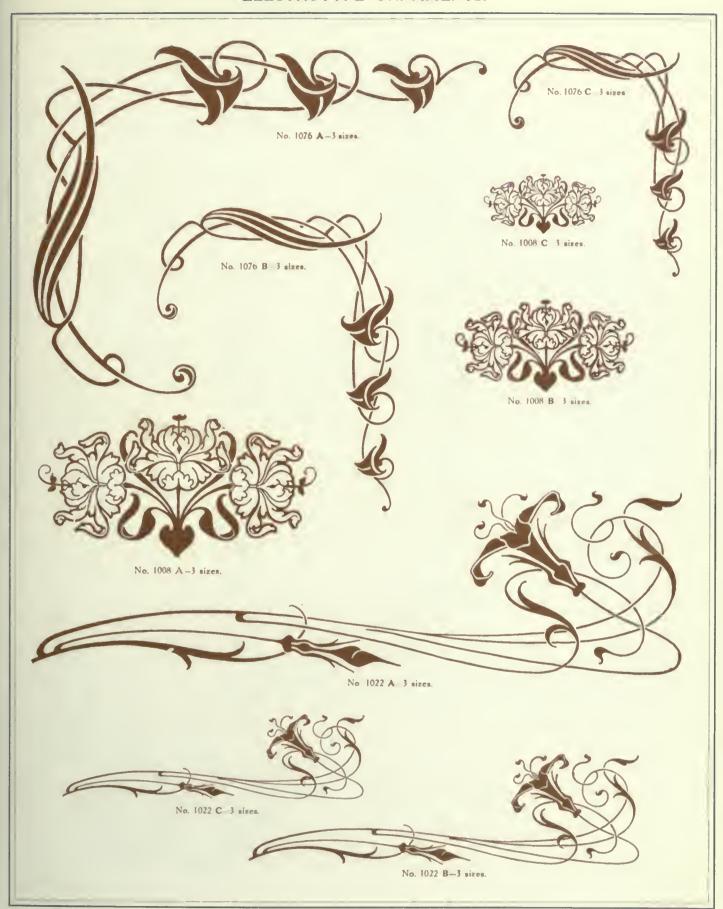


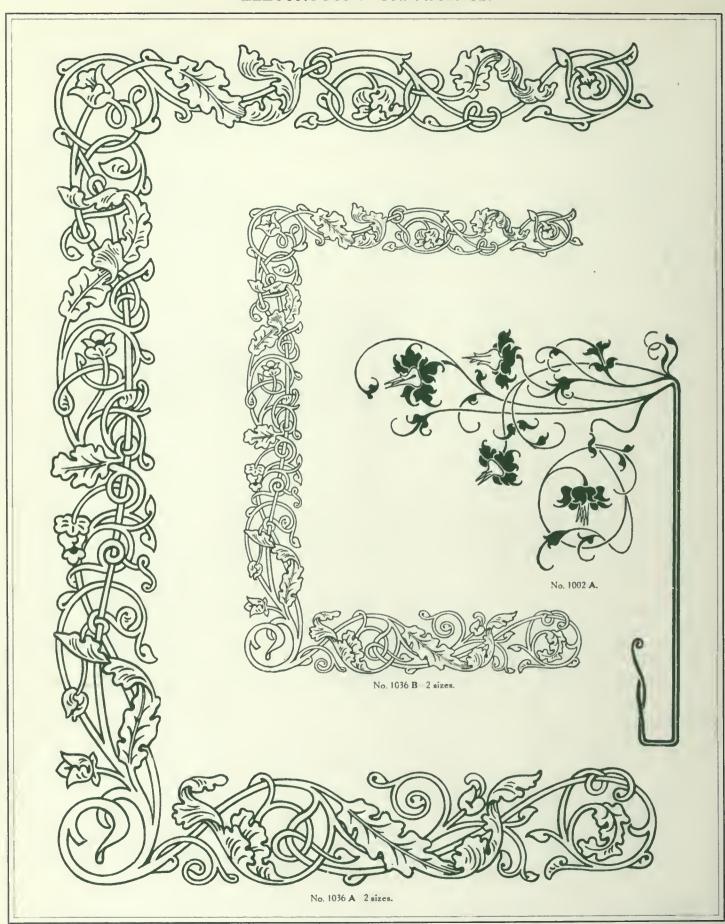


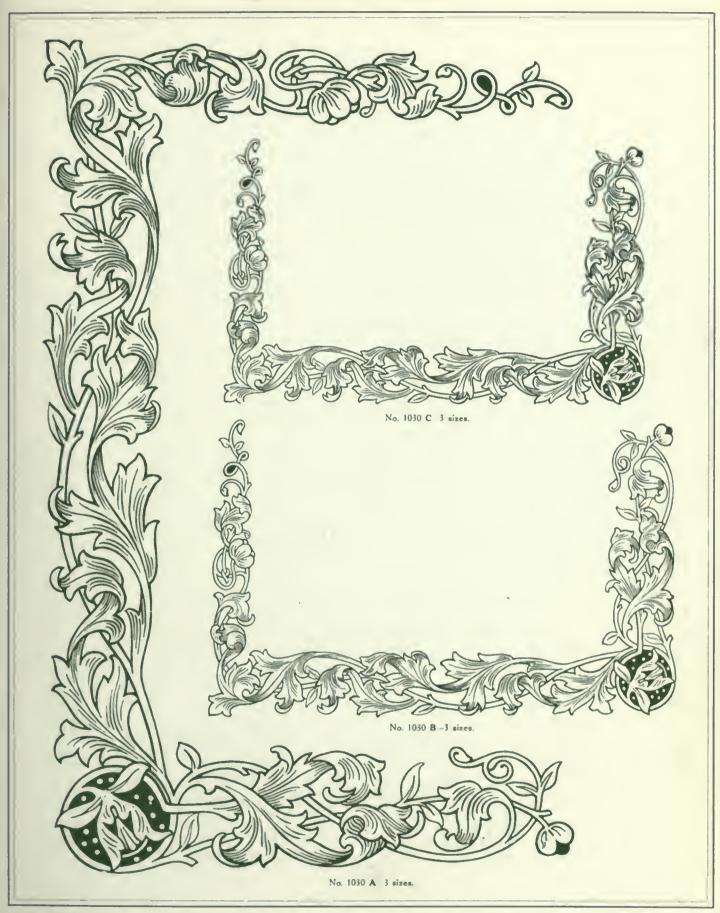


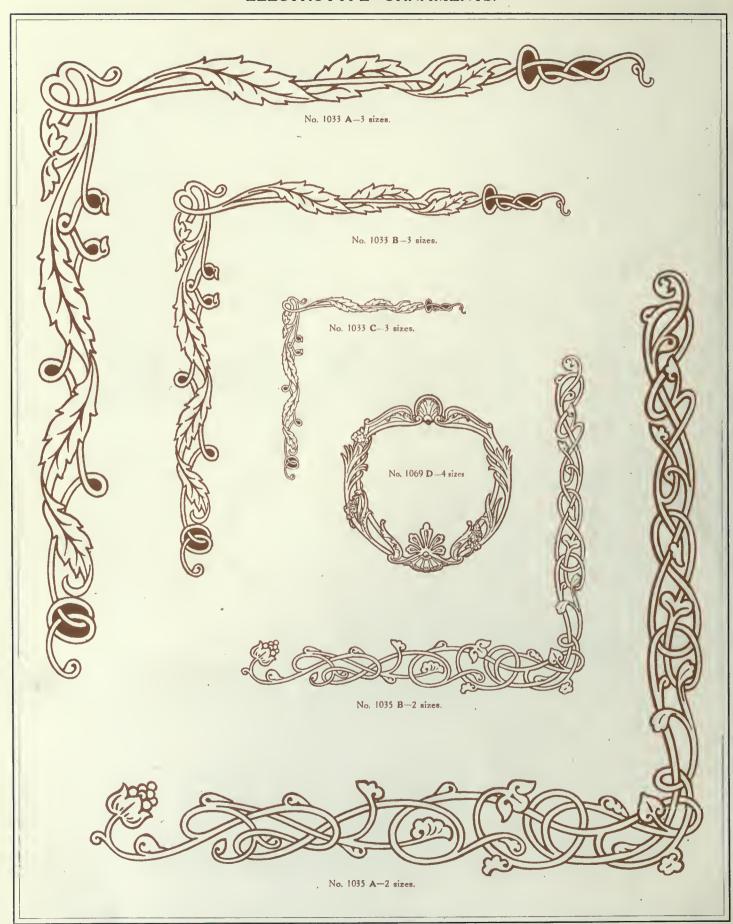


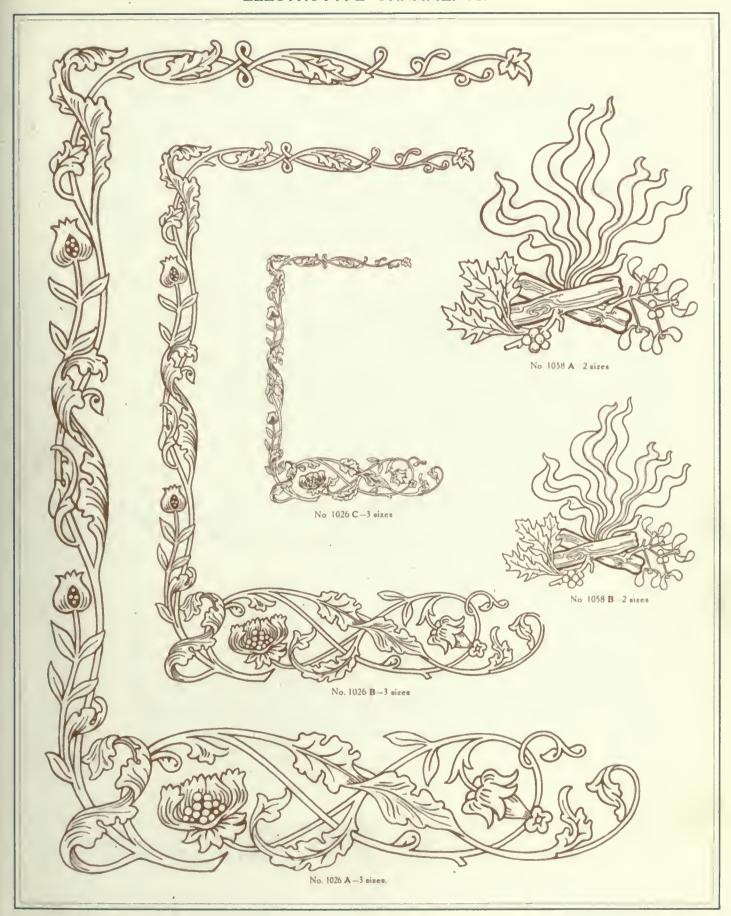


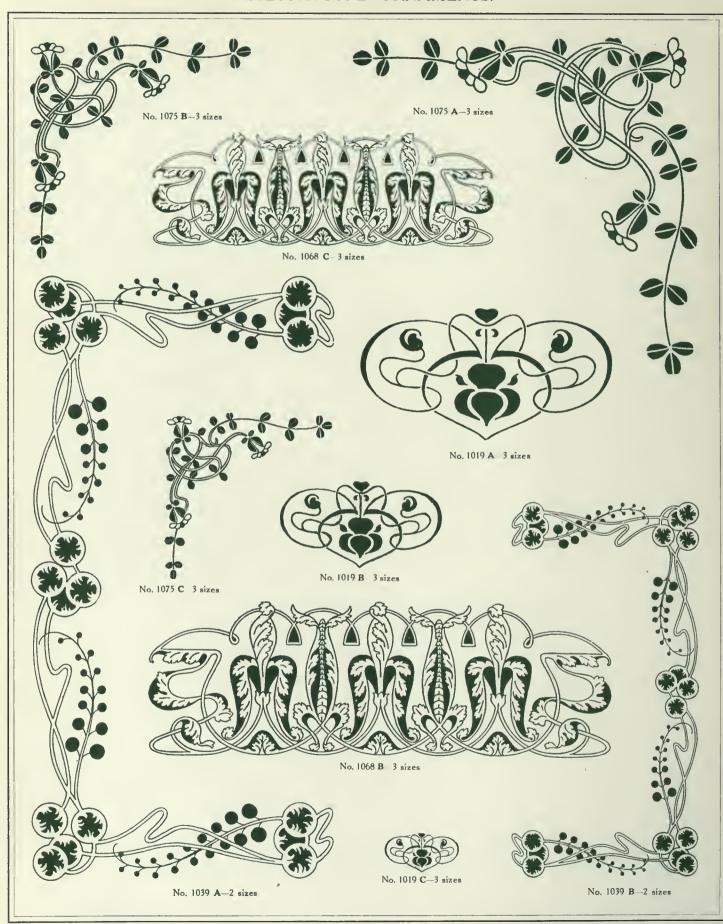


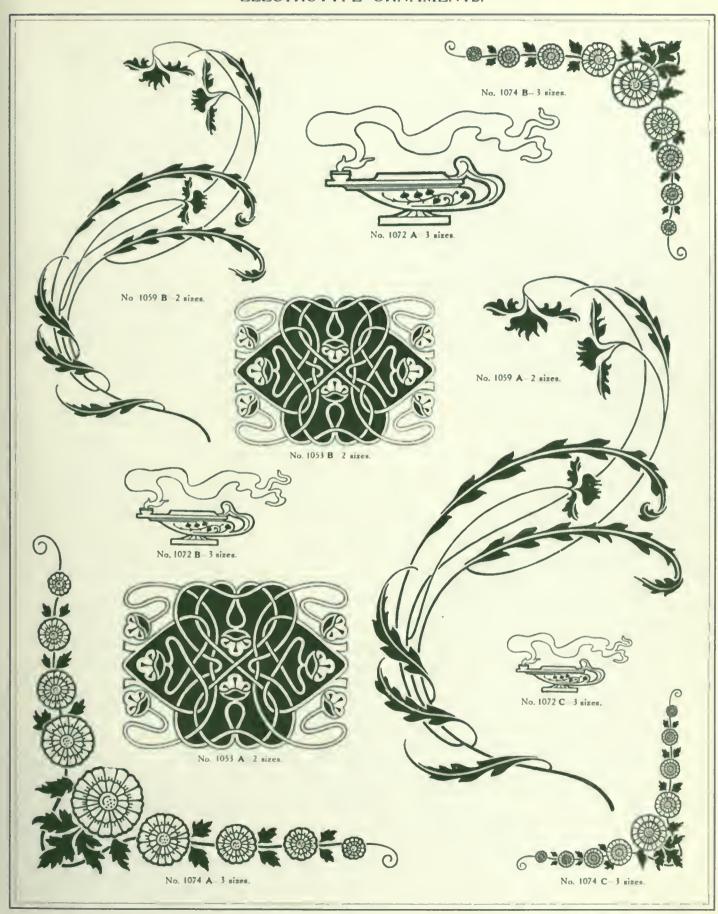






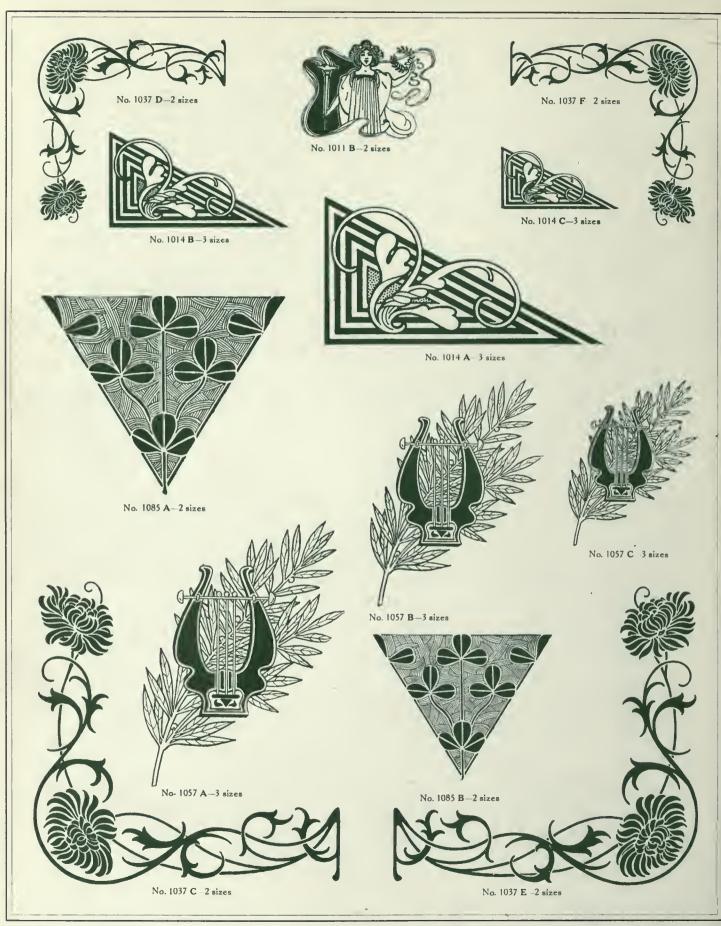














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No. 2173. 3/-



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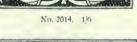


No. 2149. 3/6













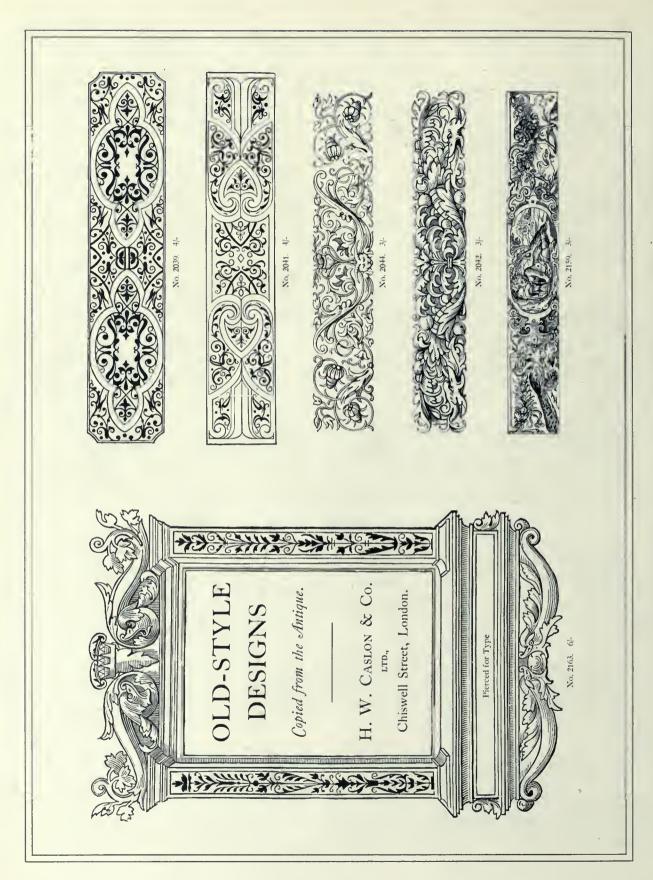
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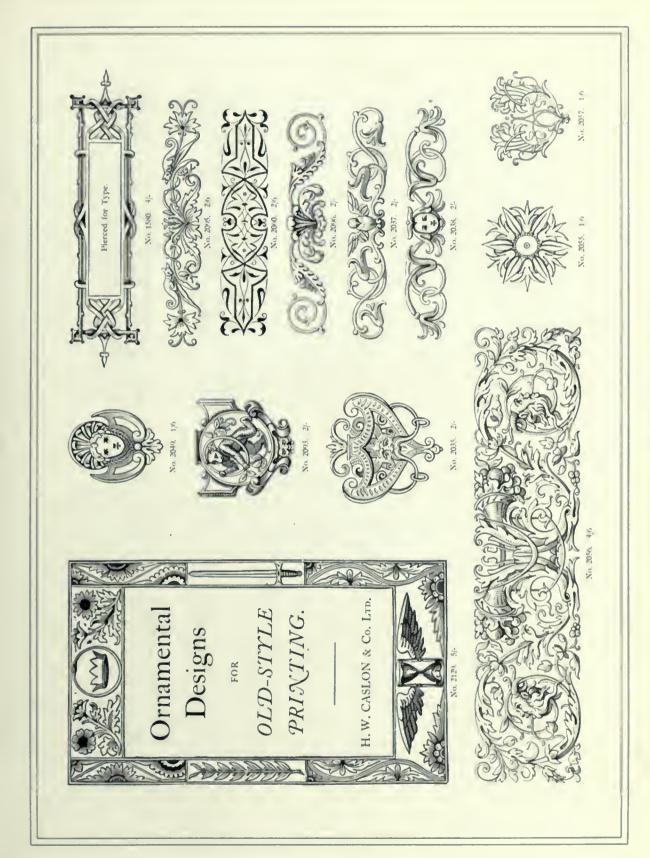


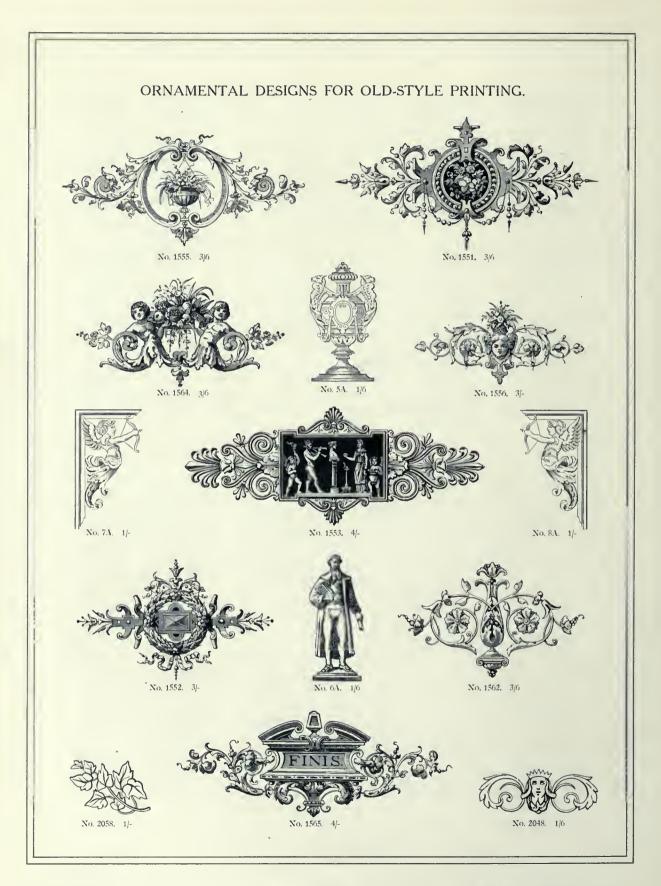
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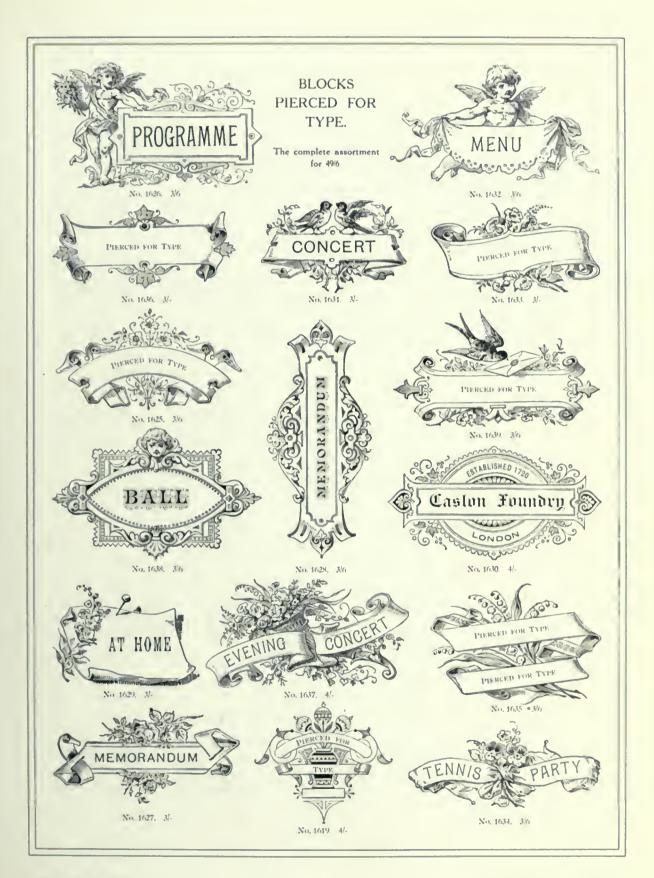


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Hereford.
Hull. Jersey.

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Newport (1 of W.)
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Norwich.
Nottingham.

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Earl









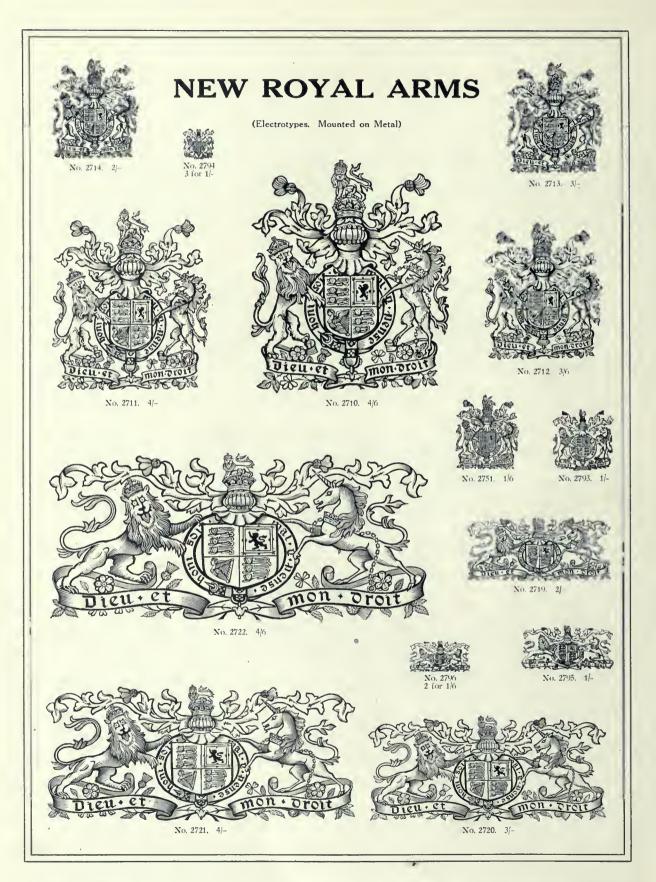








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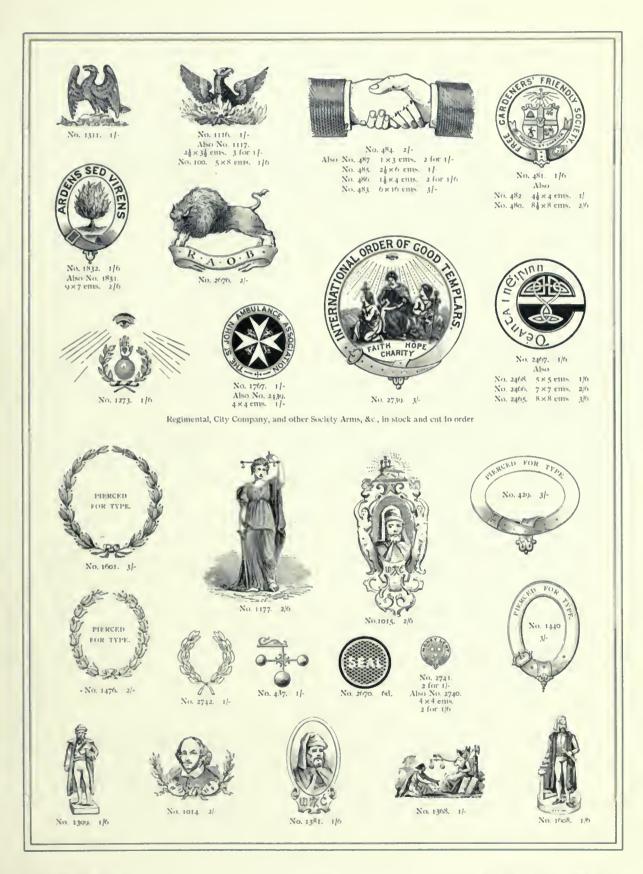
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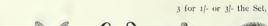
No. 2348.



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No. 2374.





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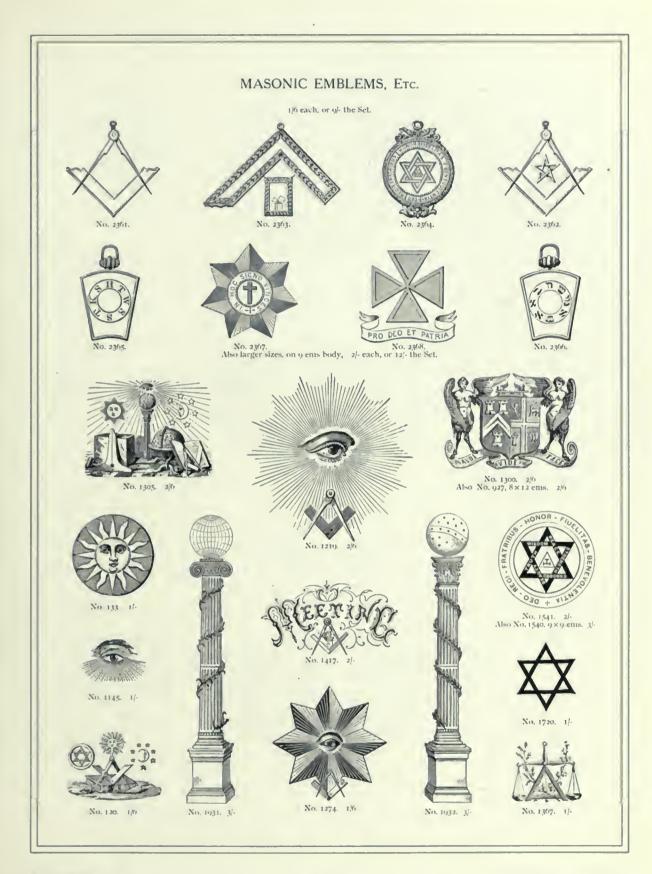


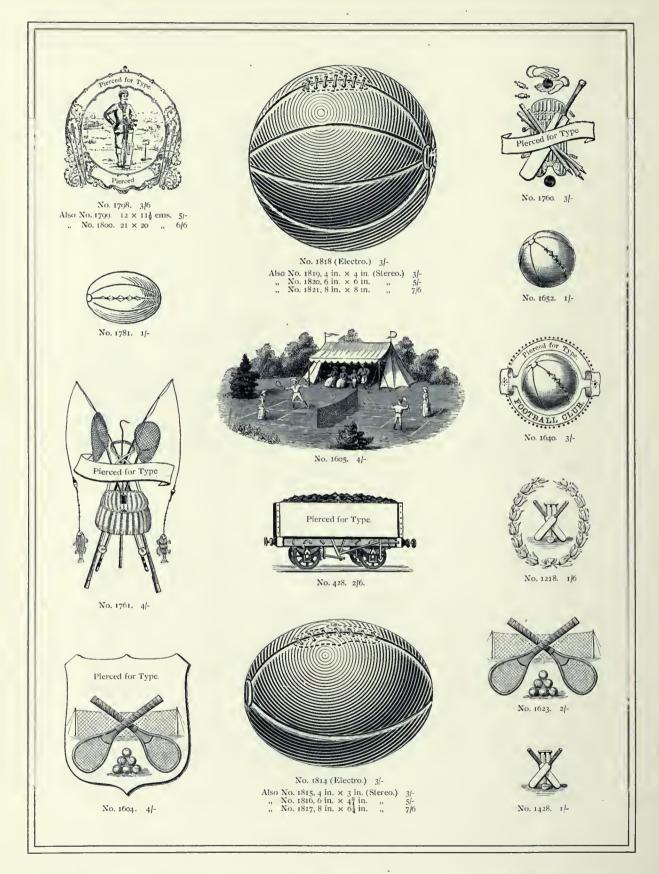


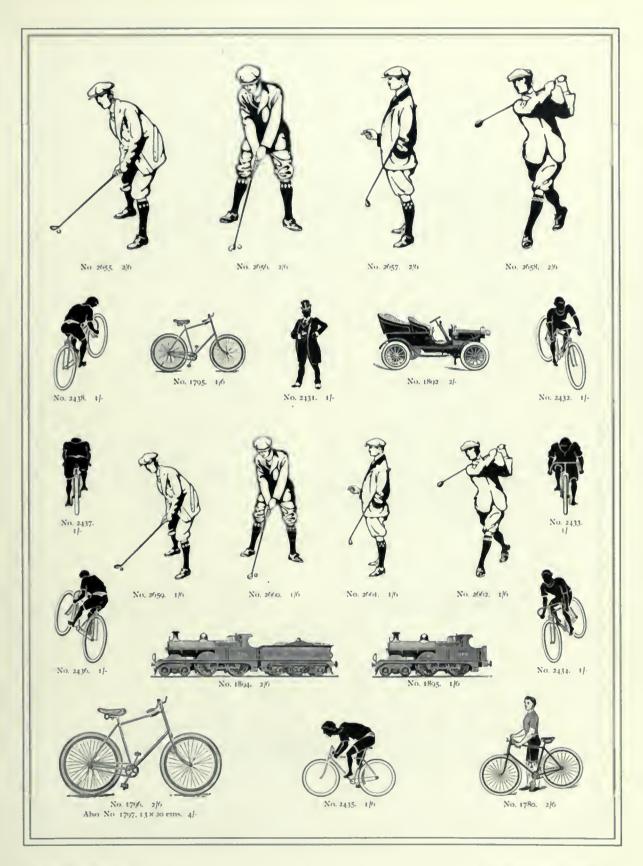


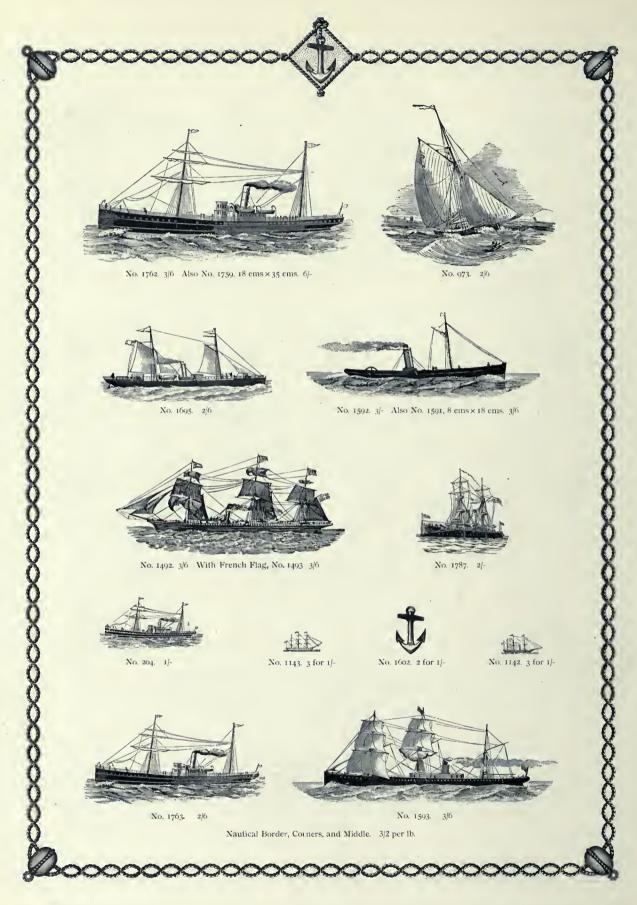


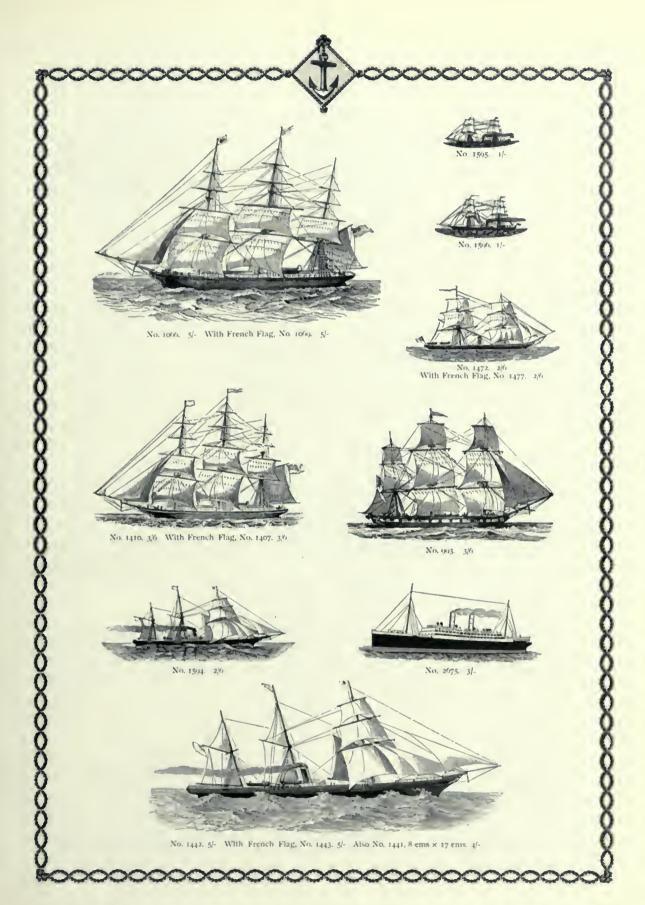
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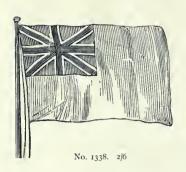


















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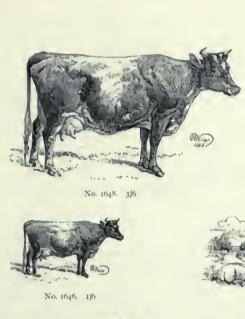


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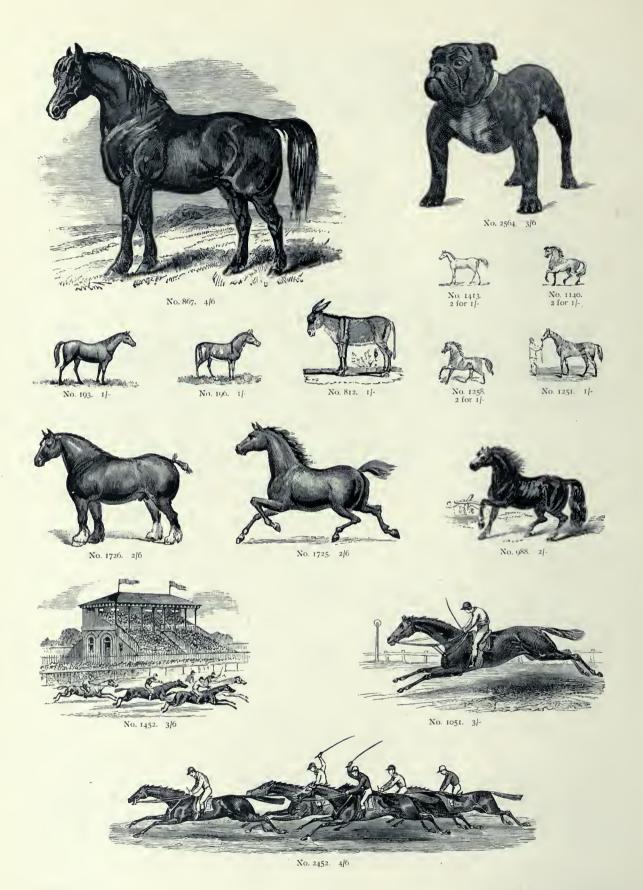
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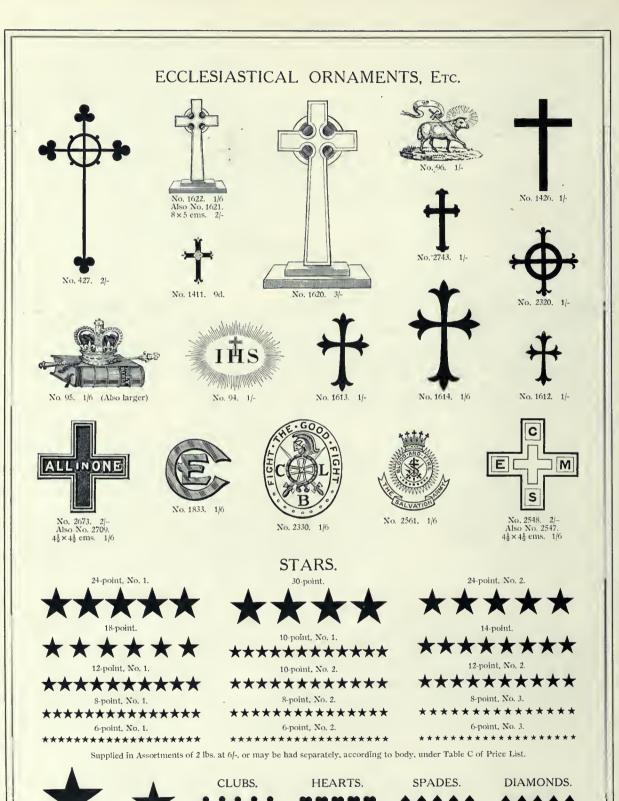
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18 , , 4 9 2 17	0
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$\begin{array}{cccccccccccccccccccccccccccccccccccc$	3 9
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rising by 1 em; 8 pieces each 16 ems, 18 ems, and 20 ems	0
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4 to 40 ems. ,, ,, ,, ,, ,, 5	0
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BRASS LEADS OR SPACE LINES.	
3-point	d. 9
2-point , 1 7 1-point 2	6
French Dash Rules, 7s. 6d. P doz. BRASS NEWSPAPER HEADINGS cut to order. Sketches supplied upon application.	
Brass Circles and Ovals, any size or pattern to order.	
YELLOW BRASS RULE.	
This is a good second quality rule and is supplied in 24 in. lengths only. 1-POINT AND 1½-POINT. 2-POINT. 3-POINT.	
* Doz. * Gross. * Doz. * Gross. * Doz. * Gross.	s.
in. s. d. £ s. d. in. 24 plain 3 3 1 16 0 24 plain 4 6 2 8	d. 0

Prices of Brass Goods are subject to market fluctuations.

BEST QUALITY YELLOW BRASS RULES.

In 24 inch lengths. All Rules on the American Point System. Cut or Mitred to Order. Quote Number when ordering.

N.B.—The Prices quoted are for Highest Quality Rule; but all Plain Single Line Rule on 1, 14, 2, and 3 Point bodies can be supplied if required in Second Quality Yellow Brass Rule at the prices quoted on page 2.

	FINE LINE (in c	entre).			MEDIUM FACE	(in centre).
No. 251	1 Point	1º doz. 1º 36	gross. 37/6	No. 281	1 Point	1º doz. 1º gross. 3/6 37/6
252	14 Point	3/6	37/6	282	2 Point	5/- 54'-
253	2 Point	5/-	54%	283	3 Point	6'6 70/-
254	3 Point	6/6	70/-	284	4 Point	9/- 97 6
255	4 Point	9,-	97/6	285	5 Point	1º length 1/6
256	5 Point	₽ length	. 1'6	286	6 Point	. 1/8
257	6 Point	*	1/8	287	8 Point	2/2
258	8 Point	••	2/3			
259	10 Point	00	2/10	288	10 Point	2/10
260	12 Point	00	3/4	289	12 Point	3/4
	FINE LINE (bevel	one side).			MEDIUM FACE (be	vel one side).
261	1 Point	→ doz. → 3/6	gross. 37/6	290	1 Point	* doz. * gross 3/6 37/6
262	14 Point	3/6	37/6	291	2 Point	5/- 54/-
263	2 Point	5/-	54)-	292	3 Point	6/6 70/-
264	3 Point	6'6	70/-	293	4 Point	9/- 97 6
265	4 Point	9'-	97 6	294	5 Point	₽ length 1/6
266	5 Point	₽ length	1/6	295	6 Point	1/8
267	6 Point	**	1/8	296	8 Point	2/3
268	8 Point	90	2/3	297	10 Point	2/10
269	10 Point	00	2/10	298	12 Point	3/4
270	F2 Point		3/4			
	COLUMN RULE FAC	'E (in control			1 POINT FACE (in centre).
		P doz. P	*	299	1 Point	₩ doz. ₩ gross. 3/6 37/6
271	I Point		37/6	300	I Point	3/6 37/6
273	2 Point	5/-	54/-	301	2 Point	5/- 54/-
274	3 Point	66	70/-	302	3 Point	6/6 70/-
275	4 Point		97,6	303	4 Point	9/- 97.6
276	5 Point	₽ length		304	5 Point	v length 1/6
277	6 Point	99	18	305	6 Point	1/8
278	8 Point	00	2/3	306	8 Point	2/3
279	10 Point	90	2.10	307	10 Point	2/10
280	12 Point	00	3/4	308	12 Point	3/4

BEST QUALITY YELLOW BRASS RULES.

In 24 inch lengths. All Rules on the American Point System. Cut or Mitred to order. Quote Number when ordering.

1	POINT	FACE	Chevel	one side)

No. 309	1½ Point	% doz. % gross. 3/6 37/6
310	2 Point	5/- 54/-
311	3 Point	6/6 70/-
312	4 Point	9/- 97,6
313	5 Point	₹ length 1/6
314	6 Point	1/8
315	8 Point	., 2/3
316	10 Point	., 2/10
317	12 Point	., 3/4

1½ POINT FACE (in centre).

•		,
318	1½ Point	₹ doz. ₹ gross. 3/6 37/6
319	2 Point	5 - 54 -
320	3 Point	6/6 70/-
321	4 Point	9/- 97/6
322	5 Point	₽ length 1/6
323	6 Point	., 1/8
324	8 Point .	. 2/3
325	10 Point	2/10
326	12 Point	3/4

1½ POINT FACE (bevel one side).

327	2 Point	
328	3 Point	6/6 70/-
329	4 Point	9/- 97/6
330	5 Point	≱ length 1/6
331	6 Point	., 1/8
332	8 Point	2/3
333	10 Point	2/10
334	12 Point	, 3/4

DOUBLE FINE FACE.

No. 335	2 Point	₩ doz. 8/3
336	3 Point	10/-
337	4 Point	14/-
338	5 Point	₽ length 1/6
339	6 Point	1/8

DOUBLE MEDIUM FACE.

340	3 Point	₽ doz. 10/-
341	4 Point	, 14/-
342	5 Point	₽ length 1/6
343	6 Point	1/8

DOUBLE 1 POINT FACE.

344	3 Point	→ doz. 10/-
345	4 Point	14/- *
346	5 Point	1 length 1/6
347	6 Point	., 1/8
348	8 Point	2/3
349	10 Point	., 2/10
350	12 Point	., 3/4

DOUBLE 11 POINT FACE.

351	4 Point	₩ doz. 14/-
352	5 Point	₽ length 1/6
353	6 Point	. 1/8
354	8 Point	2/3
355	10 Point	., 2/10
356	12 Point	., 3'4

BEST QUALITY YELLOW BRASS RULES.

In 24 inch lengths. All Rules on the American Point System. Cut or Mitred to order. Quote Number when ordering.

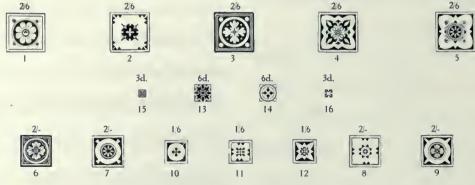
N.	SHADED FAC	CE.		TREBLE FACE Cont	inued.
No. 357	5 Point	₹ length 1/6	No. 380	8 Point	1º length 2/3
358	6 Point	1/8	381	10 Point	2/10
359	8 Point	2/3	382	12 Point	3/4
360	10 Point	2/10			3/4
361	5 Point	1/6	383	5 Point	. 1/6
362	6 l'oint	. 1/8	384	6 Point	. 1/8
363	8 Point	2/3	385	5 Point	1/6
364	10 Point	2/10	386	6 Point	w 1/8
365	12 Point	. 3/4	387	8 Point	2/3
366	2 Point	₹ doz. 8/3	388	10 Point	2/10
367	3 Point	10/-	389	12 Point	3/4
368	4 Point	14/-	390	18 Point	4/9
369	5 Point	₹ length 1/6		10 TOM	W 7/7
370	6 Point	1/8			
371	8 Point	м 2/3	391	FOOT FACE.	t doz. t gross.
372	10 Point	2/10	392	1 Point	3/6 37/6 3/6 37/6
373					
	12 Point	3/4	393	2 Point	5/- 54/-
			393	2 Point 3 Point	5/- 54/- 6/6 70/-
374	12 Point	ss 3/4			
374			394	3 Point	6/6 70/-
374		4/9	394	3 Point 4 Point	6/6 70/-
375	18 Point	4/9 E. Plength 1/6	394 395 396	3 Point 4 Point 5 Point	6/6 70/s 9/s a• length 1/6
375	18 Point TREBLE FAC	., 4/9	394 395 396 397	3 Point 4 Point 5 Point 6 Point 8 Point	6/6 70/s 9/s ** length 1/6 1/8 2/3
375 376	18 Point TREBLE FAC 5 Point	4/9 E. Plength 1/6	394 395 396 397 398	3 Point 4 Point 5 Point 6 Point 8 Point	6/6 70/- 9/- 8* length 1/6 1/8 2/3
375 376	TREBLE FAC 5 Point 6 Point	4/9 PE. Plength 1/6	394 395 396 397	3 Point 4 Point 5 Point 6 Point 8 Point	6/6 70/s 9/s ** length 1/6 1/8 2/3
375 376 377	TREBLE FAC 5 Point 6 Point 8 Point	4/9 EE. * length 1/6 1/8 2/3	394 395 396 397 398	3 Point 4 Point 5 Point 6 Point 8 Point	6/6 70/. 9/. 8* length 1/6 1/8 2/3

BEST QUALITY YELLOW BRASS RULE.

In 24 inch lengths. All Rules on the American Point System. Cut or Mitred to order. Quote number when ordering.

	I ¹ POINT.		No.	12 POINT.	
No. 402	₽ d 5/	oz. † gross. 3 57/-	414		₹ length 3/6
403	5/	3 57/-	415		₹ length 3/6
404	5/	3 57/-	416	₹ inch 4d.	₽ 24 inch length 3
405	5/	3 57/-			
406	5)	3 57/-		24 POINT.	. 211 13 11 7
407	5/		417	₽ inch 6d.	₹ 24 inch length 7
408	5/		418	₽ inch 6d.	₹º 24 inch length 7
409	5/			7	
410	5/	3 57/-			
	2 POINT.		419	30 POINT. № inch 6d.	₹º 24 inch length 9
411	7/	6 84/-			
	3 POINT.		420	? inch 6d.	₽ 24 inch length 9
412	1	length 9d.			
			421	₽ inch 6d.	¥ 24 inch length 9
	4 POINT.		1		
413	£	length 1/2			

CORNERS FOR FANCY AND COMBINATION BRASS RULES.



Prices quoted are per set of four corners.

BRASS MILLED RULES.

Labour-saving Sets comprising twelve pieces each of 1, 11, 11, 2, 3, 4 & 6 ems, six pieces each of 9, 12, & 16 ems, and twelve pieces each right and left mitres (2 or 3 ems according to body) at the following prices per set; 3-pt. 10 -; 4-pt. 14-; 6-pt, 18-; 8-pt. 23-; 10-pt. 28-; 12-pt. 32-; 18-pt. 45-; 24-pt. 58-.

		*-pt. 14 *; 0-pt. 10 *; 0-pt. 25 *; 1
No.	3-point	SET A.
2	4-point	§ length 1/2
3	6-point	∂¹ length 18
4	8-point	¥ length 2/2
5	10-point	ÿ length 29
6	12-point	∂! length 3/4
7	18-point	% length 5/-
8	24-point	%) length 6/8
	3-point	SET B. Plength 10d.
9	4-point	
10	6-point	3 ³ length 1/8
11	8-point	₽ length 2/2
12		
13	10-point	ो length 29
14	12-point	₽ length 34
15	18-point	∜ length 5/-
16	24-point	₽ length 6.8

12-pt. 32-	, 10-рг. чл. ; 24-рг. ж.	
No. 17	3-point SET	C.
18	4-point	⊮ length 12
19	6-point	№ length 1/8
20	8-point	5) length 2/2
21	10-point	% length 29
22	12-point	% length 34
23	18-point	% length 5/-
24	24-point	ÿi length 68
	SET	
25	3-point *** *********************************	ji length 10d.
26	4-point	% length 1/2
27	6-point	3º length 18
28	8-point	₽ length 22
29	10-point	a length 29
30	12-point	à length 34
31	18-point	₹ length 5 ·
32	24-point	31 length 68

The Prices at sides are for 16-inch lengths. Cut or Mitred to order at small extra charge. Quote No. when ordering.

Prices of Brass Rules, etc., are subject to market fluctuations.

BRASS MILLED RULES.

Labour-saving Sets comprising twelve pieces each of 1, 1½, 1¾, 2, 3, 4 & 6 ems, six pieces each of 9, 12, & 16 ems, and twelve pieces each right and left mitres (2 or 3 ems according to body) at the following prices per set: 3-pt, 10/-;
4-pt, 14/-; 6-pt, 18/-; 8-pt, 23/-; 10-pt, 28/-; 12-pt, 32/-; 18-pt, 45/-; 24-pt, 58/-.



The Prices at sides are for 16-inch lengths. Cut or Mitred to order at small extra charge. Quote No. when ordering.

Prices of Brass Rules, etc., are subject to market fluctuations.

RULE CABINETS.

This principle of storing material has been so well tested that we have the utmost confidence in recommending its latest extension. Our Brass Rule Cabinets, which have been in use for several years, in both large and small offices, with the most satisfactory results, solve the problem of the storage of this indispensable material in a very simple way. The Cabinets are designed to store rule in the same way as wood or metal furniture, the different sizes coming flush to the front of the Cabinet in their respective compartments. By this plan the risk of pie is reduced to a minimum, and when a mixture of sizes occurs it can be easily detected and put right. There are 58 compartments, each capable of holding 100 pieces of 11 point rule; yet the Cabinet is easily portable. and occupies not more than half the floor space required for an ordinary rule case. In the Mitred Rule Cabinet there are compartments for 38 sizes mitred at both ends, and by combining the rule mitred at one end only, 138 sizes, advancing by ens from 2 to 70 ems, can be obtained. It is not advisable to attempt to keep sizes below 7 ems in the above position, and therefore, the sizes from 2 to 61 ems are placed in a drawer at the bottom of the Cabinet.



Model 100. Rule Cabinet. £1 8s.

MITRED RULE, Mitred Both Ends.

2 j	34	44	54	6.3
2	3	4	5	6

7	9	17	17	18	17	19	11	13	18	13	19
74	81	114	134	154	13	194	12	14	48	16	20
8	10	18	17	16	18	20	9)	19	291	39 }	49
64	104	12	144	164	18å	204	10	20	30	40	50

PLAIN OR DOTTED RULE.

2 à	3}	45	54	6)
2	3	4	δ	6

7	9	11	13	15	17	16	21	25	29	16	44
78	91	13 å	13	153	178	194	22	26	30	38	48
8	16	12	14	16	18	20	23	27	32	40	48
84	103	125	145	165	164	201	24	28	34	42	50

The convenience of storing Brass Rule in this way is obvious. There is no risk of the material becoming fixed in the box to the detriment of the face and the loss of the workman's time; sorting can be done more expeditiously, and the compartments are much more capacious than the boxes of the old-fashioned cases.

PRICES.

					-6	3.	a.
Single Cabinets					1	8	Ω
Single Cabinets		 	 	 	 - 8	0	U
D. 1. (C.11 . (. DI 1 .)	N.41. 1 TO 1				-	10	0
Pair of Cabinets for Plain and	Mitred Kule	 	 	 	 Z	16	U

FOUNTS OF RULE.

The following are the sizes and prices of the Founts of Rule which we keep in stock for our new Cabinets:

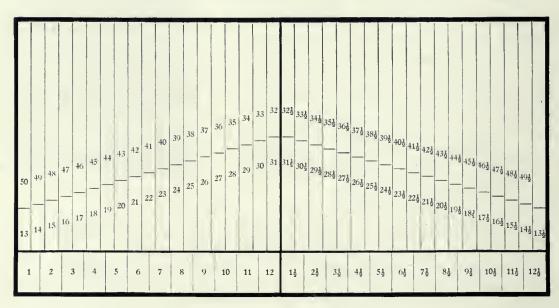
						1	Poin	t-PL	AIN.					0		,
25	pieces	of eac	ch size				•••	• • •			• • •		•••		17	6
50 100		**		***		***			***		***			5		0
100	84	**				• • •	• • •		***		• • •	***	• • •	11	9	6
	1 Point-MITRED.															
25	pieces	of eac	h size							• • •				4	4	0
50	**	**	**		***			***					• • •	8	3	0
100	**	**	**	***	• • •	***			•••		***			16	16	0
	1½ Point-DOTTED.															
12	pieces	of eac	ch size	***	***				• • •	• • •	• • •	•••		2	0	0
25	**	**	**	• • •		• • •		***	***	• • •	* * *	***		4	2	6
50	0.0	11	0.0						***	* * *		***		8	5	0

The Cabinets are made exceptionally strong, and are subject to little or no wear. The space occupied by a pair placed back to back is only 18×17 in.

CASES OF BRASS RULE.

1½ point.

RULES CUT AND NUMBERED TO 12 POINT EMS AND ENS.



·	£ s.	d.
No. 1.—Case of 1 dozen of each length from 1 to 43 ems, ascending an EM	1 12	6
No. 2.—Case of 2 dozen of each length, 1 to 9½ ems, ascending an EN, and 1 dozen 10 to 50 ems, ascending an EM	2 4	0
No. 3.—Case of 2 dozen of each length from 1 to 10 ems, and 1 dozen 101 to 25 ems, ascending an EN, and		
1 dozen 26 to 50 ems, ascending an EM	2 12	0
No. 4.—Case of 2 dozen of each length from 1 to 17½ ems, ascending an EN, 1 dozen 18 to 50, ascending an EM,		
and half-a-dozen 18½ to 49½, ascending an EM	3 2	0
No. 5.—Case of 2 dozen of each length, 1 to 30 ems, and 1 dozen 30½ to 50 ems, ascending an EN	4 7	0
No. 6.—Case of 2 dozen of each length, I to 50 ems; ascending an EN	6 0	0

THE HANDY BOX OF 11 POINT BRASS RULE.

PLAIN, DOTTED, OR WAVED.

CLEAN AND

PORTABLE.

TIME AND LABOUR-SAVING.



Measures 9½×7½ in., with Cover.

PRICES.

Plain £ s. d. 1 10 0

Dotted or Waved ... 1 0 0

Polished Mahogany Box included.

Assortment of 1½-Point Plain Rule—30 pieces each of 1, 1½, 2, 3, 4, 5, 6, 7, 8, 9, 10, 11, 12, 15, 18, 20, 25, 30, 35, 40, 45, and 50 ems. Also 15 pieces Right and Left Mitres, 3 ems each.

Assortment of 1½-Point Dotted or Waved Rule.—24 pieces each of 1, 1½, 2, 3, 4, 5, 6, 7, 8, 9, 10, 11, 12, 15, 18, 20, 25 and 30 ems.

LABOUR-SAVING BRASS BORDER RULES.

MANUFACTURED ON THE POINT SYSTEM.

ANGLE CLUMPS (Quad. height), 12-Point and 6-Point, 1/2 p lb.

USEFUL ASSORTMENTS.

These Sets of Border Rules contain an assortment of various lengths, with mitred pieces for corners, at the following prices (which are for Highest Quality Rule):—

PRICES PER SET.

Point. 14 Point. 2 Point. 3 Point. 4 Point. 5 Point. 6 Point. 8 Point. 10 Point. 12 Point. 13/9 20/9 29/3 30/9 40/6 47/-Single line Rules 9/-9/- 10/3 Double or Treble line Rules ... 13/6 16/9 25/3 29/3 30/9 40/6 47/-52/6

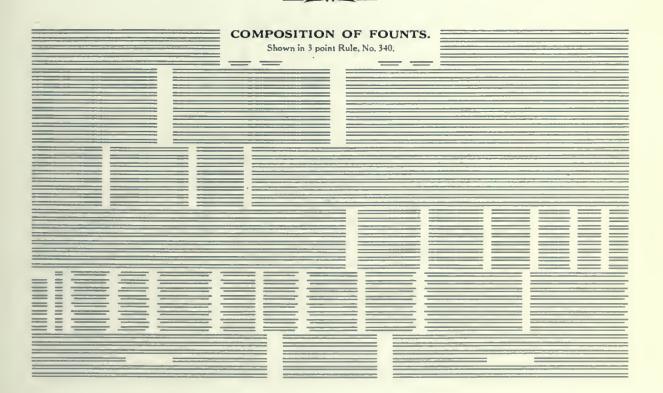
Mahogany Box, to hold One Set, 2/-; Mahogany Box, for Two Sets, 3/9.

The assortment consists of eight pieces each \(\frac{1}{2}\), 1, 1\(\frac{1}{2}\), 2\(\frac{1}{2}\), 3, 3\(\frac{1}{2}\), 4, 4\(\frac{1}{2}\) and 5 ems; ten pieces each 6, 8, 10, 12, 15 and 18 ems; eight pieces each 20 and 24 ems; eight pairs each 6, 3 and 2 em mitred pieces; eight pieces each 3 and 2 em double mitres; four pieces 1 em double mitres; 4 pairs 1\(\frac{1}{2}\) em parallel mitred pieces. See illustration at foot of page.

The Rules shown on pages 10 and 11, are specially recommended for this purpose, but any other patterns are supplied at corresponding rates. Other assortments can be cut to any requirement.

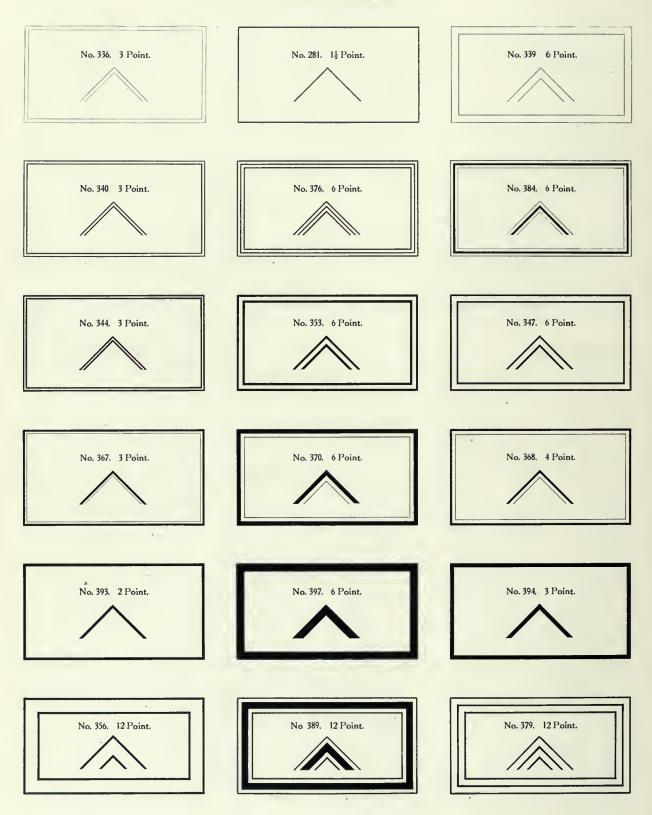
The Angle Clumps are here shown type high to illustrate their use.

ANGLE CLUMPS (6 point) for securing Corners: -8 are supplied with each Set.



SPECIMEN FACES OF LABOUR-SAVING RULES.

For Particulars see preceding page.



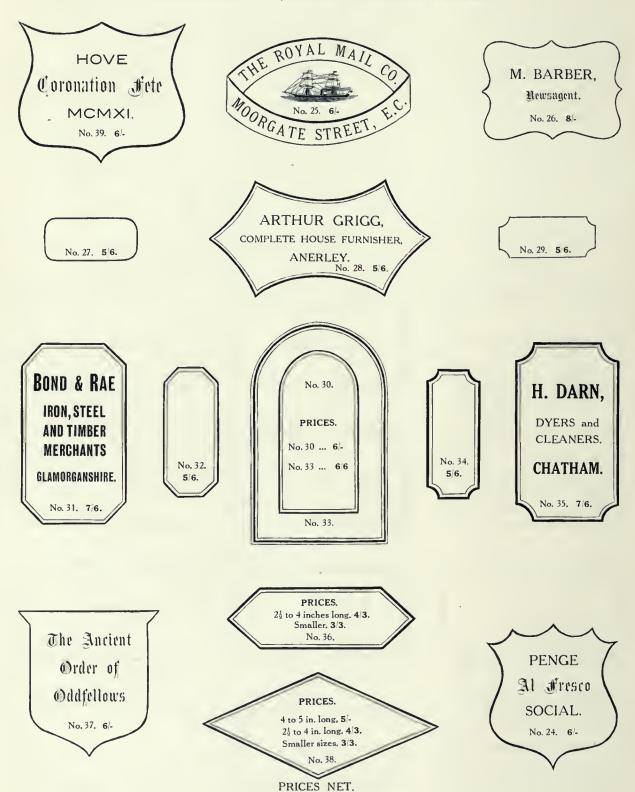
SPECIMENS OF LABOUR-SAVING SOLID BRASS CORNERS.

Prices quoted below comprise a Set of Four Corners on 18 Point Body.

No. 336. 3 Point. 1/6 No. 281, 14 Point, 1/-No. 339. 6 Point. 2/-No. 340. 3 Point. 1/6 No. 376. 6 Point. 2/6 No. 384. 6 Point. 2/6 No. 344. 3 Point. 1/6 No. 353. 6 Point. 1/6 No. 347. 6 Point. 1/6 No. 367. 3 Point. 2/-No. 370. 6 Point. 2/6 No. 368. 4 Point. 2/-No. 397. 6 Point. 1/-No. 393. 2 Point. 1/-No. 394. 3 Point. 1/-No. 356. 12 Point. 3/-No. 379. 12 Point. 3/-No. 389. 12 Point. 3/-

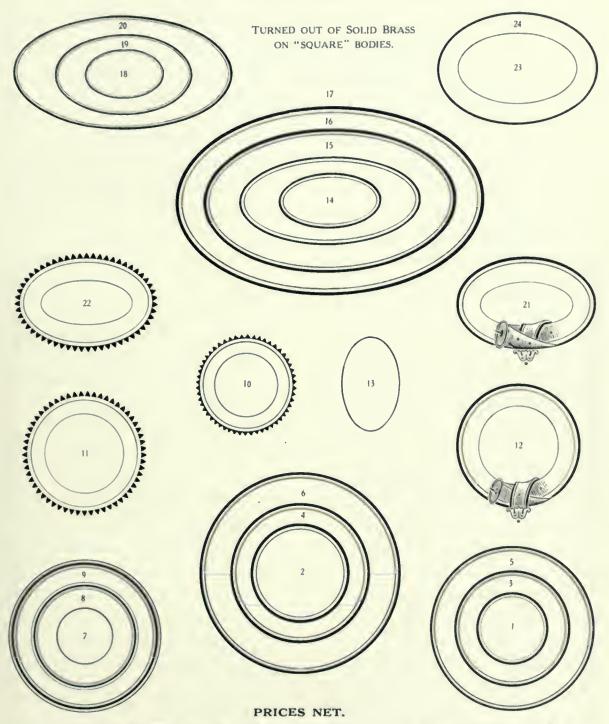
SOLID BRASS SHAPES.

SUPPLIED IN ANY SIZE, AND OF ANY DESIGN TO ORDER.



BRASS CIRCLES AND OVALS.

CIRCLES SUPPLIED IN ANY SIZE AND OVALS IN ANY PROPORTION TO ORDER



OVALS 12 inch and smaller, 2/6; larger sizes, 12d. P 72 inch. BENT OVALS, 1/- P inch. INNER OVALS, 8d, P inch. ORNAMENTAL OVALS, 2 more than plain. GARTERS 7/6 additional.

CIRCLES 1 inch and smaller, 1 d. p 1/2 inch., larger 1 d. p 1/2 inch. CIRCLES (not on Brass Bodies) 1/- p inch. INNER CIRCLES, 8d. p inch. ORNAMENTAL CIRCLES, 1 more than plain. GARTERS 7/6 additional.





FANCY AND COMBINATION BRASS RULES.

THE COMBINATION BRASS RULES shown upon this and the following pages are suitable for use by themselves, whilst the different effects produced by the combination of two or more rules are almost innumerable. Excellent borders for two, three, or more colours can be readily made up—many of the rules being cut to register one with another—and solid harmonious effects produced with little trouble. The prices quoted are for 16-inch lengths, to which a small extra charge is made if cut to measure. For Combination Sets, containing suitable lengths for Cards, Circulars, etc., in general use, together with an assortment of corners for same, see pages 16 and 17.

All Rules on the American Point System. Cut or Mitred to order. Quote Number when Ordering.

	1 POINT			2 POINT.—(Continu	ied.)
No. 422		₹ length 8d.	No.		₽ length 10d.
423		⊮ length 8d.	442		₹ length 1/-
423			443	*****	••••••
	1½ POINT	. 1 .1 0.1		3 POINT.	
424	_,,,,	₹ length 8d.	444		∜ length 10d.
425		→ length 8d.	445		P length 10d.
426		⊮ length 6d.			₽ length 10d.
427		₽ length 6d.	446		→ length 10d.
		₹ length 6d.	447		P length 10d.
428		∜ length 8d.	448		
429		₽ length 8d.	449		₽ length 10d.
430		nn en nem en nem en	450		₹ length 10d.
431		₹ length 8d.	451	- 	⊮ length 10d.
432	.0.0 0.00000.000 0000000000000000000000	₹ length 8d.	452		₽ length 10d.
	2 POINT.		453		₽ length 1/-
	Z POINT.	₹ length 8d.			∜ length 10d.
433		₽ length 8d.	454		₽ length 10d.
434		₹> length 8d.	455		₽ length 1/-
435	Hannannanaaaaaaaaaaaaaaaaaaaaaaaaaaaaa	and market and a second	456	,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,	miniminiminiminiminiminiminiminiminimin
436		→ length 10d.	457		P length 10d.
437		→ length 7d.	458		∛ length 10d.
438	,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,	₽ length 8d.	459	************	p length 10d.
439		₽ length 10d.	460		p length 10d.
		₽ length 10d.	1		₽ length 10d.
440		P length 10d.	461		₹ length 10d.
441	********	******	462		**********

The prices at the sides are for 16-inch lengths, to which a small extra charge is made for cutting to measure.

Prices of Brass Rules, etc., are subject to market fluctuations.





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FANCY AND COMBINATION BRASS RULES.

All Rules on the American Point System. Cut or Mitred to Order.

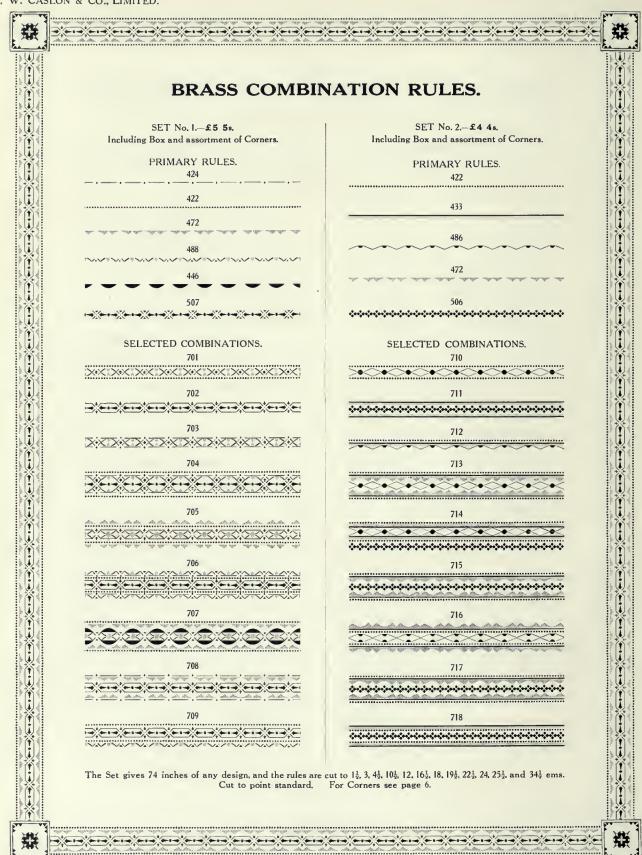
Quote Number when Ordering.

	3 POINT. (Continued.)		4 POINT.
No.	3º length 10d.	No.	₽ length 1/6
463	***************************************	489	•••••
464	۱ length 10d.		COOLNE
404	³⊳ length I/-		5 POINT.
465	though girk a green resource and resource and re-	490	E tength 1/0
	3º length 1/-		3º length 1/6
466	to Complete and the Complete Complete and the Complete Co	491	***************************************
467	}* length 1/-	492	₹• length 1/6
	} length 1/-		₽ length 1/6
468	Sugar product of sum tributed desire tributed river to their tributed productions and tributed	. 493	
469	3º length 1/-	494	3º length 1/6
403	₽ length I/-	494	as 1 - 1 18
470	A LOUBTH II-	495	P length 1/6
	№ length 1/-		₽ length 1/6
471	1 4 10	496	
472	₽ length 1/9	497	3º length 1/6
	₽ length 1/-		3> length 1/6
473	A section of a sec	498	4. tength to
474	1º length 1/-		the length 1/6
	₹ length 1/9	499	
475	***************************************	500	→ length 1/6
476	→ length I/-		to length 1/6
410	3º length 1/2	501	***************************************
477	***************************************	502	₽ length 1/6
	the length 1/2 .	302	3> length 1/6
478	~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~	503	y length t/o
479	P length 1/2		3º length 1/6
	→ length 1/2	504	***************************************
480	***************************************	505	₽ length 1/6
481	₽ length 1/2		
	₹º length 1/2		6 POINT.
482	1010101010101010101010101		₽ length 2/2
483	₽ length 1/2	506	
483	₽ length 1/2	507	Plength 29
484	e tength 1/2		P length 2/9
	₽ length 1/2	508	
485			₹º length 1/9
486	P length 1/3	509	***********
	to length 1/6		₹ length 2/-
487		510	
488	1º length 2'-	5 1 1	₹º length 2/-
400		911	

The prices at the sides are for 16-inch lengths, to which a small extra charge is made for cutting to measure,











BRASS COMBINATION RULES.

SET No. 4. £4 15a. SET No. 3. £4 7a, 6d. Including Box and assortment of Corners. Including Box and assortment of Corners. PRIMARY RULES. PRIMARY RULES. 434 436 475 509 502 ______ SELECTED COMBINATIONS. SELECTED COMBINATIONS. 720 ********* 721 730 732 723 monumentalistical - -- -- -- -- -- -- --724 *X*X*X*X*X*X*X*X*X 725 726 727 736

The Set gives 74 inches of any design, and the rules are cut to 1½, 3, 4½, 10½, 12, 16½, 18, 19½, 22½, 24, 25½, and 34½ ems.

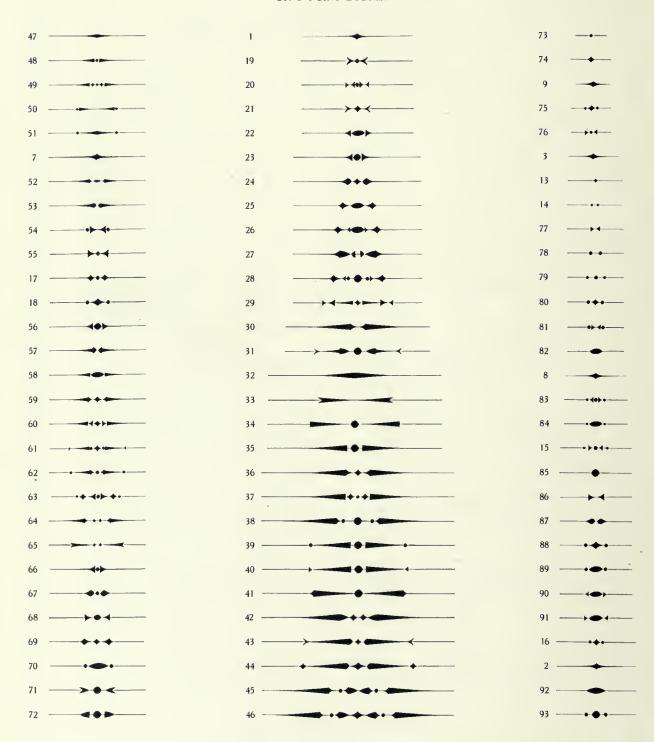
Cut to point standard. For Corners see page 6,





ORNAMENTAL BRASS DASHES.

ON 6 POINT BODIES.

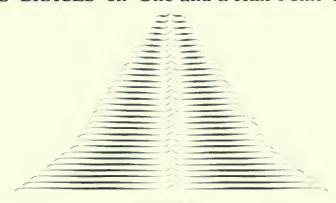


PRICE.

On 6 point bodies 7s. 6d. p doz.

The lengths of these Ornamental Brass Dashes can be increased or diminished.

BRASS BRACES on One-and-a-Half-Point Bodies.

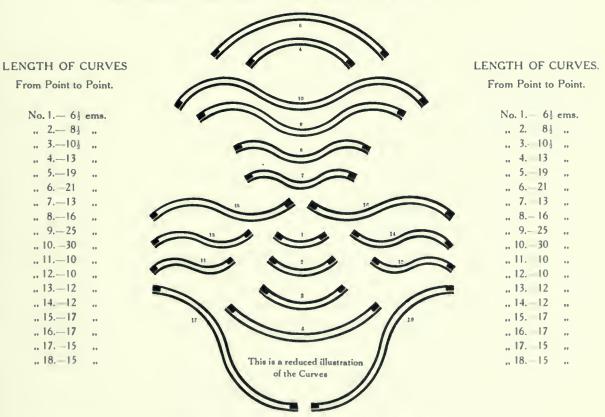


PRICES.

		£	3.	d.		
	ASSORTMENT A.—Contains four each of 2, 2½, 3, 3½, 4, 4½, 5, 5½, 6, 6½, 7, 7½, and 8 ems.—52 Braces	0	6	0		
	ASSORTMENT B.—Contains four each of 2, 21, 3, 31, 4, 41, 5, 51, 6, 61, 7, 71, 8, 81, 9, 91, 10, 101, 11, 111, 12, 121,					
	13, and 13½ ems.—96 Braces	0	12	0		
	ASSORTMENT C.—Contains four each of 2, 21, 3, 31, 4, 41, 5, 51, 6, 61, 7, 71, 8, 81, 9, 91, 10, 101, 11, 111, 12, 121,					
	13, 13½, 14, 14½, 15, 15½, 16, 16½, 17, 17½, 18, 19, and 20 ems.—140 Braces	1	0	0		
	BRACES ORDERED SEPARATELY.—2 ems to 131 ems, 1s. 6d. ? dozen; 14 ems to 20 ems, 2s. 3d. per dozen.					
larger sizes at proportionate prices.						

BRASS CURVES, WITH JUSTIFYING STOP.

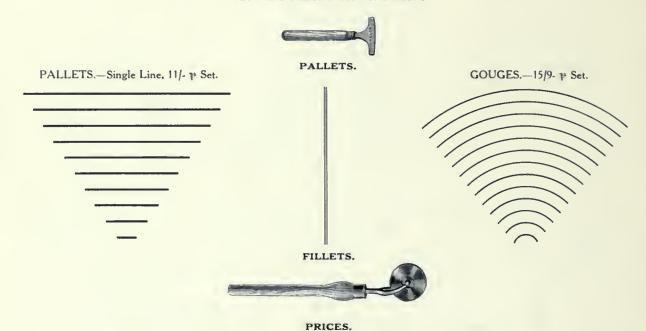
Can be justified through the stick in the usual way, and adapted to any size type.



PRICE.-Complete Set in Mahogany Case, 15s. Od.

BOOKBINDERS' BRASS BLOCKING RULE.

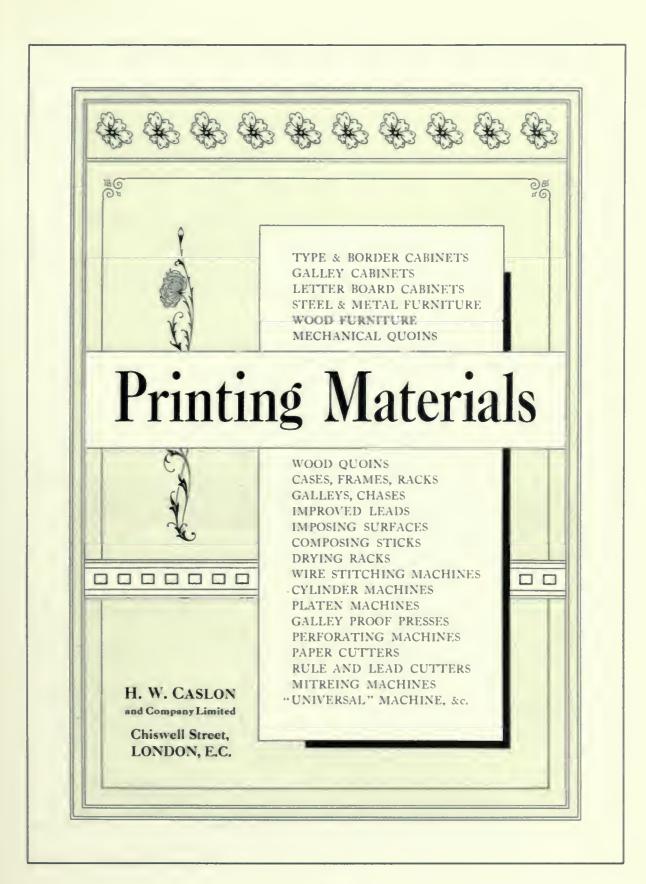
BLOCKING HEIGHT OR TYPE HIGH.



Per foot for Blocking Height only, in 12, 18, and 24-inch Lengths.

No. 400 6d.	No. 415.—1/3	N 420 1/2	No. 437.—1/-
No. 401.—6d.		No. 428.—1/3	10. 457.—17
No. 402.—1/-	No. 416.—1/-	No. 429.—1/3	No. 438.—1/-
No. 403.—1/-	No. 417.—1/-		No. 439.—1/3
No. 4041/-	No. 418.—1/3	No. 430.—1/3	No. 440,1/3
No. 405.—1/-	No. 419.—1/-	No. 431.—1/3	
No. 406.—1/-	No. 420.—1/-		No. 441.—1/6
No. 407.—1/-	No. 421.—1/-	No. 432.—1/6	No. 442.—1/3
No. 408.—1/-	No. 422.—1/-	No. 433.—1/3	No. 443.—1/6
No. 409.—1/3	No. 423.—1/3		
No. 410.—1/3	No. 424.—1/3	No. 434.—2/-	No. 444.—1/6
No. 411.—1/3	No. 425.—1/3		No. 445 1/6
No. 412.—1/-		No. 435.—2'-	
No. 413.—1/-	No. 426,1/6		No. 446.—1/6
No. 414.—I/-	No. 427.—1/6	No. 4362/-	No. 447.—1/6

Every style of Pallet, Fillet, and Gouge made to order.



PRINTING MATERIALS.

TYPE CASES.

THE NEW TRIPLE-BOTTOM CASE WITH BRASS CLAMPS.

These cases are of unusual strength, owing to the use of a brass clamp over the corner of each box, and a long pin which is driven through centre of each clamp and clinched, holding the partitions firmly to the bottom of the case, so that, with fair usage they are practically indestructible.

These cases are made with special care and with selected materials, and are recommended to those who have learned the lesson that "the best is the cheapest:"



PRICES.

Upper and Lower, 6/9 pp pair.

Double, 4/6 each.

Treble, 4/6 each.

For orders of 25 Pairs or 50 Cases, Uppers or Lowers, a reduction of 9d. per Pair will be made. For orders of not less than 25 Cases each of any kind (other than Uppers or Lowers), or 3 dozen assorted, a reduction of 6d. per Case will be made.

For Illustrations of various Cases see pages 24 to 28. For complete Price List see page 28.

Notwithstanding the perfection to which Case-making has been brought, one fault in their construction has hitherto never been remedied—the tendency of the bottom to CRACK THROUGH SWELLING OR SHRINKING. In the NEW CASE this difficulty is entirely overcome by a most ingenious contrivance, which the following illustrations will explain.

The Three-Ply Bottom.



Sectional view of bottom.

The New Case bottom CANNOT SHRINK, SWELL, OR CRACK, being made of three pieces of wood, the grain of which is crossed. There is no more possibility of this bottom cracking than there is of a board cracking crosswise against the grain.

LIGHTNESS AND STRENGTH COMBINED.



Sectional view, showing three-ply bottom, and grooves in side and bottom (See A A.) Note that the Slots in the side rails, which receive the partitions, are grooved as far as the bottom groove only.

Sliding Friction Reduced.



This case, when placed in Cabinet or Case Rack, RESTS ON THE SIDE RAILS ONLY; the grain of the wood in the sides, and the slides on which they rest, run parallel, which ensures a free and easy motion.

Hitherto all cases have ridden on the bottoms against the grain of the slides. The least wear exposed the heads of the nails which secured the bottom to the case, and a constant grinding was the result.

PRICES.

Upper and Lower, 6/9 pair.

Double, 4/6 each.

Treble, 4/6 each.

For orders of 25 Pairs or 50 Cases, Uppers or Lowers, a reduction of 9d. per Pair will be made. For orders of not less than 25 Cases each of any kind (other than Uppers or Lowers), or 3 dozen assorted, a reduction of 6d. per Case will be made.

For Illustrations of various Cases see pages 24 to 28. For complete Price List see page 31.

FEATURES WHICH NO OTHER CASE POSSESSES.

THE ONLY CASE fitted with a bottom which is not jointed.

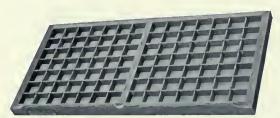
THE ONLY CASE in which the bottom cannot crack, shrink, or swell.

THE ONLY CASE which slides on side rails, and does not scrape along on its bottom.

THE ONLY CASE from which the bottom cannot be torn off, because it is rabbeted into the side and front.

IMPROVED TYPE CASES.

H. W. CASLON & CO.'S Improved Type Cases offer to the printer in the way of finish, accuracy, and durability, the last word in the development of this important article. The special features include a stiffer framework; a stouter, stronger, and better finished three-ply bottom; also additional security is obtained by pinning every crossing of the partitions and clinching same underneath. See pages 22 and 23.



Model 1.

Upper Case.

6/9 per pair.

The old standard and generally used Cap Case, in which all the boxes are the same size. For certain work in which there is a large number of peculiar sorts this lay is still necessary.



Model 2.

Lower Case.

6/9 per pair.

The old standard Lower Case which, until the introduction of the new lay, was the most popular kind in use.



Model 3.

Double Case.

4/6 each.

Old standard Double Case. Universally used before the introduction of the new lay.



Model 4.

Improved Double Case.

4/6 each.

Gives nearly a half more accommodation for the caps than the ordinary Double Case, besides providing boxes for all the usual sorts in a jobbing fount.



Model 5.

NEW LAY. Upper Case.

6/9 per pair.

This new style of Upper Case gives greater accommodation for the caps, an improvement long needed; the proportion of caps and small caps in body founts is here provided for.



Model 6.

NEW LAY,-Lower Case.

6/9 per pair.

This new style of case is a distinct benefit. The boxes in constant use have been brought to the right side, and the letters are so grouped that great economy of time results.



Model 7.

NEW LAY.-Double Case.

4/6 each.

This New Lay Double Case is of great value in display work. More room is provided for caps, and as the spaces, figures and caps are in front, composition and distribution are greatly facilitated.



Model 8.

Complete Roman Case.

6/- each.

Holds caps, small caps, lower case, and figures. The case in which are combined all the boxes that are to be found in a regular pair of news cases.

For orders of 25 Pairs or 50 Cases, Uppers or Lowers, a reduction of 9d. per Pair will be made.

For orders of not less than 25 Cases each of any kind (other than Uppers or Lowers), or 3 dozen Assorted, a reduction of 6d. per Case will be made.

N.B.-When ordering, please quote Model Numbers.

IMPROVED TYPE CASES.

H. W. CASLON & CO.'S Improved Type Cases possess an excellent framework, a strong and well-finished three-ply bottom, and are also fitted with brass clamps.



Model 9.

Double Lower Case.

5'- each.

For holding two founts of caps and figures; or caps, lower case, and double fount of figures; or a fount each of roman and bold face.



Model 13.

Six Fount Case.

7 - each.

Will hold small founts of caps. Useful when several sizes are cast on the same body



Model 10.

Double Double Case.

This case is useful when two founts are required -Antique and Roman for catalogue work.



Model 14. Figure Case.

4 - each.

A necessity for figure work, such as time tables, &c.



Model 11.

Treble Case.

4'6 each.

Will accommodate three founts of caps, figures, and points. Convenient for keeping series which have three sizes cast on the same body, working together as caps and small caps.



Improved Half Case.

Model 15.

3 - each.

Very useful for small founts of caps, figures, and points only.



Model 16. 3 - each.

Very useful for small founts of caps, figures, and points only.



Model 12.

Four Fount Case, No. 2.

5 6 each.

When three or four sizes are cast on the same body, working together as caps and small caps, this case is advantageous,



Model 17.

Border Case.

4 6 each.

Suitable for borders, or large sizes of jobbing letters.

For orders of 25 Pairs or 50 Cases, Uppers or Lowers, a reduction of 9d. per Pair will be made.

For orders of not less than 25 Cases each of any kind (other than Uppers or Lowers) or 3 dozen Assorted, a reduction of 6d. per case will be made.

N.B .- When ardering, please quale Model Numbers.

IMPROVED TYPE CASES.

H. W. CASLON & CO.'S Improved Type Cases possess an excellent framework, a strong and well-finished three-ply bottom, and are also fitted with brass clamps.



Model 18.

Jobbing Upper Case.

4/- each.

For capitals, points, and figures. Also useful for caps of large sizes of metal poster type, or may be advantageously used for any large jobbing fount of capitals only.



Model 19.

Display Case.

4/ ---1

For capitals, points, and figures. Also useful for caps of large sizes of metal poster type, or may be advantageously used for any large jobbing fount of capitals only.



Model 20.

Greek Upper. 7/6 each. 12/- per pair.

For school examination papers, paragraphs, quotations, &c., Greek is very necessary (see special sheet). Can be supplied with slide-on covers at 9/- each, 15/- per pair.



Model 21.

Greek Lower. 7/6 each 12/- per pair.

For school examination papers, paragraphs, quotations, &c., Greek is very necessary (see special sheet). Can be supplied with slide-on covers at 9/- each, 15/- per pair.



Model 22.

Greek Double, No. 1.

8/- each.

Holds sufficient to meet the needs of an average sized office. Small. but useful, complete assortments, ready laid in case, with lid, can also be supplied, price £3 3s. (see special sheet). Can be supplied with slide-on covers at 9/6 each.



Model 23.

Greek Double, No. 2.

8/- each.

Holds sufficient to meet the needs of an average sized office. Small, but useful, complete assortments, ready laid in case, can also be supplied price £3 3s. (see special sheet). Can be supplied with slide-on covers at 9/6 each.



Model 24. Justifying Case, No. 1. 4/- each. 7/6 per pair.

Made the same size as an ordinary case. Will hold a complete assortment of spaces from 6-point to 18-point.



Model 25.

Justifying Case, No. 2. 4/- each. 7/6 per pair.

Made the same size as an ordinary case. Will hold a complete assortment of spaces from 12-point to 48-point.

For orders of 25 Pairs or 50 Cases, Uppers or Lowers, a reduction of 9d. per Pair will be made.

For orders of not less than 25 Cases each of any kind (other than Uppers or Lowers) or 3 dozen assorted, a reduction of 6d. per case will be made.

N.B.-When ordering, please quote Model Numbers.

IMPROVED TYPE CASES.

H. W. CASLON & CO.'S Improved Type Cases possess an excellent framework, a strong and well-finished three-ply bottom, and are also fitted with brass clamps.



Model 26. Justifying Case, No. 3. 4/- each, 7/6 per pair.

This case will hold a complete assortment of spaces from 6-point to 36-point. Made the same size as an ordinary case.



Model 27. Brass Rule Case, No. 1. 5'- each.

This case has compartments for 1 to 43 ems by ems. 1½ to 9½ ems by ens. and right and left mitres from 3 to 6 ems by ens.



Model 28. Brass Rule Case, No. 2, with Cover. 8'- each:
Full-sized Brass Rule Case. For particulars of assortments of
the various Scales of Brass Rule see Brass Rule Section.



Model 29. Lead and Clump Case. 4/- each.
Holds a quantity of Material. Strongly made and fitted with
12 movable strips. Extra strips supplied at 1/- dozen. For particulars of Assortments see Spacing Material.



Model 30. Wood Type Case, No. 1. 4/- each.

This case is slotted at the sides, and fitted with 6 movable strips adjustable to ems of 12 point. Extra strips supplied at 1/6 dozen.



This case contains centre bar with slotted sides, and fitted with 12 movable strips adjustable to ems of 12 point. Extra strips supplied at 1/- dozen.



Model 32. Blank Case, No. I. 3'- each.
Suitable for the keeping of blocks, small founts of wood letter, or large metal types.



Model 33. Blank Case, with Centre Bar, No. la 3'- each.
Suitable for the keeping of blocks, small founts of wood letter, or large metal types.

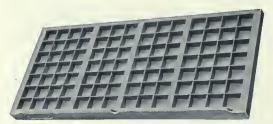
For Orders of 25 Pairs or 50 Cases, Uppers or Lowers, a reduction of 9d, per Pair will be made.

For orders of not less than 25 Cases each of any kind (other than Uppers or Lowers), or 3 dozen Assorted, a reduction of 6d. per Case will be made.

IMPROVED TYPE CASES.

H. W. CASLON & CO.'S Improved Type Cases possess an excellent framework, a strong and well-finished three-ply bottom, and are also fitted with brass clamps.

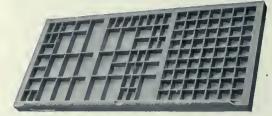
SCOTCH CASES.—Scotch Size and Lay.



Model 34.

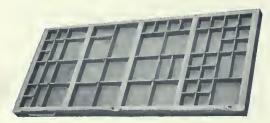
Scotch Upper Case.

6/9 per pair.



Model 36. Scotch Double Case (Ordinary Lay).

4/6 each.



Model 35.

Scotch Lower Case.

6/9 per pair.



Model 37.

Scotch Improved Double Case.

4/6 each.



Model 33a.

McNeill Double Case.

4/6 each.



Model 33b. Four "Quarter" Cases in Full Size Blank Case. 12/6 complete.

BRASS LABEL HOLDERS.



These Label Holders will be found invaluable for labelling type cases and drawers of every kind. The Price given includes blank cards and brass tacks complete. PRICE 10/6 per hundred.

COMBINATION "QUARTER" CASES.

The practical utility of the Combination "Quarter" Case is at once apparent. It consists of a full size blank case, fitted with four loose "Quarter" cases, thus providing a most convenient and economical method for keeping special sorts such as Split Fractions, Commercial Signs, Accents, Mathematical Signs, &c., which, regardless of cost and time, are 100 often misplaced in some odd boxes of the upper case, or stored away in some remote place, and can seldom be found when wanted. It is also adaptable for ordinary figures, and would prove most useful for all kinds of tabular work.

There are many advantageous uses to which the small cases can be put, and being movable, they can be placed on the stone or frame just where they are required, convenient to the hand of the compositor. These cases are invaluable for setting price lists, time tables, mathematical work, dictionaries, &c. The diagrams below show a few of the practical lays suitable for most classes of commercial work, but others will readily suggest themselves for special requirements.

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Four "Quarter" Cases in Full Size Blank Case. Model 33b.

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For Split Fractions and Commercial Signs.

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For Mathematical Signs.

POINT JUSTIFYING CASES.

Lay of Point Justifying Case, No. 1.

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6 × tå	8 x 2	t0 × 2]	12 × 3	14 × 34	18 × 4§
6 × 2	8 × 23	10 × 3§	12 × 4	14 × 43	18 × 6
6 × 3	8 × 4	t0 × 5	12 × 6	14 × 7	18 × 9
6 × 6	8 × 8	t0 × 10	12 × 12	14 × 14	18 × 18
6-pt. Quada.	8-pt, Quads.	10-pt. Quads.	t2-pt. Quads.	t4-pt. Quads.	18-pt. Quads.

Model 24.

Lay of Half Upper Case.

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A	В	С	b	К	F	a
H	1	К	t.	ж	N	0
P	Q	R	8	Т	v	W

Model 15.

Lay of Point Justifying Case, No. 2.

Justifying	cases	save	time
and labou	ir in t	he mo	dern
composing	g roor	n.	

For prices and particulars of our various cases see pages 24—31.

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12×2½ ti-pt.	24 × 1	30×3 30×1	36×3 36×1	42 × t	48 × 1							
t2 × 3	24 × 3	30 × 6	36 × 6	42 × 3	48 × 3							
t2 × 4	24 × 6	30 × 10	36 × 9	42 × 6	48 × 6							
t2 × 6	24 × 8	30 × 12	36 × 12	42 × 12	48 × 12							
t2 × 12	24 × 12	30 × 18	36 × 18	42 × 24	48 × 24							
t2-pt. Quads.	24 × 24	30 × 30	36 × 36	42 × 42	48 × 48							

Model 25.

NEW LAY CASES.

Registered No. 375,052.

The New Lay Upper Case has been designed to supply greater accommodation for the caps in body founts, thus making better provision for the uneven proportion of caps and small caps. In the New Lay Lower Case the boxes in constant use have been brought to the right side, and the letters are so grouped that great economy of time results on all classes of work. The spaces are also arranged at the front, thus accelerating justification.—PRICE 6/9 per pair.

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Model 5.- New Lay Upper Case.

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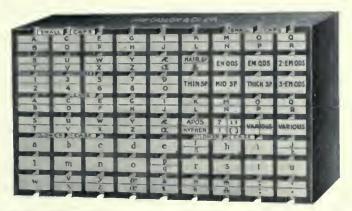
Model 6.-New Lay Lower Case.

The New Lay Double Case is of great value in display work. More room is provided for the caps, and as the spaces, figures, and caps are in the front, composition and distribution are greatly facilitated.—PRICE 4/6 each.

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Model 7.- New Lay Double Case.

PIGEON-HOLE FOUNT CASE.



Model 101. Pigeon-Hole Fount Case, Polished Herdwood, with Boxes. £2 15s. Without Boxes. £1 15s.

We beg to draw attention to our Pigeon-Hole Fount Case, which is adapted for the reception of the boxes in which we supply our spaces and quadrats. It is scarcely necessary to enumerate all the advantages of this fount case over the inconvenient and unwieldy fount cases hitherto in use, for its superiority in every respect must be apparent to all practical printers. It can be placed against a wall, or set back to back in the open space of an office.

It occupies little space, and is equally adapted to large or small founts.

It is much cleaner, as no dust can possibly get to the type.

It is more convenient, each sort having its own movable box.

It is much cheaper, holding as much as three ordinary fount cases.

PRICE LIST OF IMPROVED TYPE CASES, &c.

a,	d. 1
Blank Case, No. 1 (Model 32) each 3	0 McNeill Double
Blank Case, with Centre Bar, No. 1a (Model 33) 3	0 New Lay Upper
Border Case (Model 17) 4	6 (Model 6)
Brass Rule Case, No. 1 (Model 27) 5	0 New Lay Double
Brass Rule Case, No. 2, with Cover (Model 28) 8	O Pigeon-Hole Fou
Complete Roman Case (Model 8) each 6	0 With Boxes.
Display Case (Model 19) 4	
Double Case (Model 3) 4	6 "Quarter" Case
Double Lower Case (Model 9) 5	
Double Double Case (Model 10)8	O Querter Case
Figure Case (Model 14) 4	O Quarter Case
Fount Cases, Large per pair £1 16	O Set of Four O
Four Fount Case, No. 2 (Model 12) each 5	6 Scotch Cases (Sc
Greek Upper Case (Model 20) 7s. 6d. each; per pair 12	0 Upper Case
Greek Lower Case (Model 21) 7s. 6d 12	O Double Case
Greek Double Case, No. 1 (Model 22) each 8	0 Improved Do
Greek Double Case, No. 2 (Model 23) 8	0 Six Fount Case
Half Case (Model 16)	0 Teak Cases, ell t
Improved Half Case (Model 15) 3	0 Teak Cases, all t
Improved Double Case (Model 4) 4	6 Teak Cases, with
Jobbing Upper Case (Model 18) 4	0 Teak Cases, with
Justifying Case, No. 1 (Model 24) 4s. each; per pair 7	6 Treble Case (Mc
Justifying Case, No. 2 (Model 25) 4s 7	6 Upper Case (Mo
Justifylng Case, No. 3 (Model 26) 4s 7	6 Wood Letter Ca
Lead and Clump Case (Model 29) each 4	0 Wood Type Cas
Lower Case (Model 2) and Upper Case (Model I) per pair 6	9 Wood or Large

,		
		d.
McNeill Double Case for Advt. Work (Model 33a) each	4	6
New Lay Upper Case (Model 5) and New Lay Lower Case		
(Model 6) per pair		9
New Lay Double Case (Model 7) eech	4	6
Pigeon-Hole Fount Case (Polished Hardwood)		
With Boxes, 47in, ×28in, ×9in, (Model 101) each £2	15	0
Without Boxes. 47in. × 28in. × 9in. (Model 101) 1	15	0
"Quarter" Cases (Model 33b)		
Quarter Case No. 1, for Figures, &c each	2	8
Querter Case No. 2, for Accents, Split Frections, &c	2	6
Quarter Case No. 3, for Figures, Fractions, &c	_	6
Querter Case No. 4, for Signs, &c	2	
Set of Four Quarter Cases in Full Size Blank Case, complete	12	6
Scotch Cases (Scotch Size and Lay)		
Upper Case (Model 34) Lower Case (Model 35) per pair	6	9
Double Case Ordinary Lay (Model 36) eech	4	8
Improved Double Case (Model 37)	4	6
Six Fount Case (Model 13)	7	0
Teak Cases, ell teak, Upper and Lower per pair	10	0
Teak Cases, all teak, Double cach	8	8
Teak Cases, with 3-ply bottoms, Upper and Lower per pair	8	0
Teak Cases, with 3-ply bottoms, Double each	5	6
Treble Case (Model 11)	4	6
Upper Case (Model I) and Lower Case (Model 2) per pair	6	9
Wood Letter Case, Large, 23in. × 44in. (Model 38) page 42 each	6	6
Wood Type Case, No. 1 (Model 30) each	4	0
Wood or Large Metal Type Case, No. 2 (Model 31)	4	8
The or amigo treatment type death that a (model 21)		-

Dust proof Cases with 2 Cup Handles each, Uppers and Lowers, 3d. per pair extra; Doubles, &c., 2d. each extra.

For orders of 25 Pairs or 50 Cases, Uppers or Lowers, a reduction of 9d. per pair will be made.

For orders of not less than 25 Cases each of any kind (other than Uppers or Lowers), or 3 dozen Assorted, a reduction of 6d, per case will be made.

COMPOSING FRAMES.

ORDINARY OPEN FRAMES.

MESSRS. H. W. CASLON & CO., LTD., offer to the Printer the following Composing Frames, which are substantially constructed of selected hardwood, and firmly bolted. The runners are L shaped, so that panelling at the sides is unnecessary. That they will stand constant hard usage is evidenced by the many thousands which are in use throughout the country.



Model 102.—Single or Three-Quarter Frame, with Rack for 12 Cases. Hardwood. 16s.



Model 103.—Double News or Whole Frame, with Rack for 12 Cases. Hardwood. £1 2s.



Model 104.—Double Frame, with Galley Rest and Racks for 24 Cases. Hardwood. £1 6s.

PRICES.

	Ha	rdwo	od.
Single or Three-Quarter Frame, fitted with	£	s.	d.
Rack for 12 Cases (Model 102)		16	0
Double News or Whole Frame, fitted with Rack for 12 Cases (Model 103)		2	0
Double Frame, fitted with Galley Rest and Racks for 24 Cases (Model 104)		6	0

CASES.

Upper and	Lower	•••	•••	•••	pair	6	9
Doubles		•••			each	4	6
	f of 13			x 1			

For orders of 25 Pairs or 50 Cases, Uppers or Lowers, a reduction of 9d. per pair will be made.

For orders of not less than 25 Cases, each of any kind (other than Uppers or Lowers), or 3 dozen assorted, a reduction of 6d. per Case will be made.

For particulars of our numerous Cases, see pages 24-31.

N.B.-When ordering, please quote Model Number.

Hardwood

NEW IMPROVED OPEN FRAME.

H. W. CASLON & CO.'S New Improved Open Frames are strongly built of hardwood, and well finished. They have greater case capacity, and many other features which the ordinary frames do not possess.



Model 105. -Improved Single or Three-quarter Frame, with Rack for 16 Cases. £1.

The New Improved Open Frames effect a considerable saving in floor space, while owing to the top overhanging, the compositor can stand closer to his case, thus facilitating composition.

The floor space measurements are: Single or Three-Quarter Frame 16\(\frac{1}{2}\) in. \times 36\(\text{ in.}\); Whole Frame, 16\(\frac{1}{2}\) in. \times 54\(\text{ in.}\); Double Frame 16\(\frac{1}{2}\) \times 70\(\frac{3}{2}\) in Depth from back to front in deepest part 21\(\frac{1}{2}\) inches.

The New Improved Open Frames are fitted with hardwood runners L shaped. Accommodation is provided for 16 and 32 cases respectively.

The New Improved Open Frames are much neater in appearance than the old style of frame, and at the same time supply the maximum of accommodation in the minimum of space.

PRICES.

		3	
Improved Single or Three-quarter Frame, with Rack for	~		
16 Cases (Model 105)	1	0	0
Improved Whole Frame with Rack for 16 Cases (Model 106)	1	7	0
Improved Double Frame with Rack for 32 Cases (Model 107)	1	15	0

NEW JOB FRAME.

The new Job Frame will be found of great advantage in the modern office where system is desired. Its utility in providing Galley Rests for storing matter at the side of the Case Racks is a feature which will commend itself to the up-to-date printer. Space required 53 in. × 16 in., height 61 ins.

Model 108a is well made of hardwood and holds 17 cases and brackets for I pair on top. There are also two galley rests, and a rack for 14 half cases or letter boards.

Price ... £2 12s. 6d.

This new Job Frame can also be supplied Dustproof. See page 37.

CASES.

Upper and Lower p pair 6 9
Doubles each 4 6

For orders of 25 Pairs or 50 Cases, Uppers or Lowers, a reduction of 9d. per pair will be made.

For orders of not less than 25 Cases, each of any kind (other than Uppers or Lowers), or 3 dozen assorted, a reduction of 6d, per Case will be made.

For particulars of our numerous Cases. see pages 24 - 31.



Model 108a. New Job Frame, Regd. No. 375,053. £2 12s. 6d.

NEW IMPROVED DUSTPROOF CABINET-FRAMES.

The New Improved Dustproof Cabinet Frames are similar to our Models No. 105, 106, and 107, except that they are enclosed at back and sides. They can be used with Ordinary Cases and have been introduced to meet a growing demand for this class of frame. They can also be made to take Dustproof Cases. The New Improved Dustproof Frames allow of the Compositor standing close to his case, and are very neat in appearance.



Model 118.—Single Cabinet Frame, to hold 18 Cases. £1 10s. 6d.



Model 119.—Whole Cabinet Frame, to hold 18 Cases and 18 Half Cases or Letter Boards. £2 7s. 6d.



Model 120.-Double Cabinet Frame, to hold 36 Cases. £2 14s. 6d.

The approximate floor space measurements are: Single Cabinet Frame, $16\frac{1}{2} \times 36$ in.; Whole Cabinet Frame, $16\frac{1}{2} \times 54$ in.; Double Cabinet Frame, $16\frac{1}{2} \times 70\frac{3}{4}$ in. Depth from back to front in deepest part $21\frac{1}{2}$ inches.

PRICES.

	£	5.	a
Single Cabinet Frame, to hold 18			
Cases (Model 118)	1	10	•
Whole Cabinet Frame, to hold 18			
Cases and 18 Half Cases or Letter			
Boards (Model 119)	2	7	•
Double Cabinet Frame, to hold 36			
Cases (Model 120)	2	14	•

N.B.-When ordering, please quote Model Number.

THE YORK FRAMES.

DESIGNED TO ECONOMISE FLOOR SPACE, GIVING GREATEST CASE CAPACITY TO LEAST AREA.

H. W. CASLON & CO.'S York Frames are substantially constructed of selected hardwood, and firmly bolted. They contain many features which ordinary frames do not possess, and are also supplied dustproof at slightly increased prices.



Model 110.—The York Centre Frame. Ordinary, £2 10s. Dustproof. £2 15s.



Model 112. The York Quadruple Frame. Ordinary, £3 15s. Dustproof, £4 3s. 6d.



Model 111. The York Double Frame. Ordinary, £2 5s. Dustproof, £2 12s. 6d.

OTHER ADVANTAGES.

The lower cases project in front a few inches, giving the compositor ample leg room, and allowing him to get closer to the type. The angle of the lower case is just right for rapid setting.

The upper case is raised above the lower, and brought forward closer to the compositor's hand without obstructing the lower case.

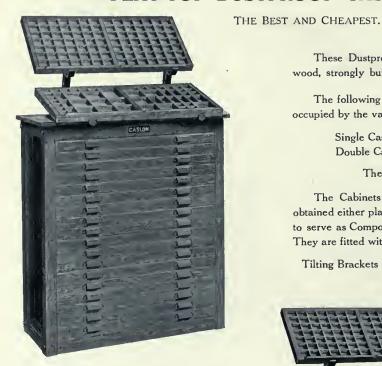
The cases are held on strong iron brackets, securely screwed to a hard wood top, which is perfectly smooth, and very useful for storing tied-up matter and for other purposes.

A Double Frame holds 30 cases and 2 pairs of news cases on top. A Quadruple Frame holds 60 cases and 4 pairs of news cases on top. The Centre Frame holds 30 cases and 2 pairs of news cases on top.

Two ordinary Double Frames, with cases on top, placed back to back (allowing for over-hang of cases), are 72 in. long by 54 in. deep, and occupy an area of 27 square feet, whereas two York Double Frames, with cases on top, placed back to back, are 72 in. long by 42 in. deep, and occupy an area of only 21 square feet, the area saved being 6 square feet.

PRICES. The York Single Frame, with Racks for 15 cases and Brackets for 1 pair on top (Model 109) The York Centre Frame, with Racks for 30 cases and Brackets for 2 pairs on top, also Galley Rack	Or E	rdwo dina 1. 7	ry.	£	stpro	of d.
for 6 Galleys (Model 110)	2	10	0	 2	15	0
The York Double Frame, with Racks for 30 cases and Brackets for 2 pairs on top (Model 111)						
The York Quadruple Frame, with Racks for 60 cases and Brackets for 4 pairs on top (Model 112)						

FLAT-TOP DUSTPROOF CASE CABINETS.



Model 113.—Single Case Cabinet, with Rack for 18 Cases and I pair of Brackets. £1 9s. 6d.

These Case Cabinets are designed to give the greatest accommodation in the smallest floor space. Closed in all round and at the top, the Cabinets are Dustproof, and Dustproof Cases, with cup handles and varnished fronts, can be supplied in accordance with printers' requirements.

DUSTPROOF CASES.

				5.	d.
Upper and Lower	•••	 	₽ pair	7	0
Doubles		 	each	4	8

For orders of 25 Pairs or 50 Cases, Uppers or Lowers, a reduction of 9d. per pair will be made.

For orders of not less than 25 Cases, each of any kind (other than Uppers or Lowers), or 3 dozen assorted. a reduction of 6d. per Case will be made.

For particulars of our Numerous Cases. see pages 24 -31.

These Dustproof Case Cabinets are made of well-seasoned wood, strongly built and well-finished.

The following are the approximate floor-space measurements occupied by the various sizes of these Case Cabinets:—

Single Case Cabinet... ... $16\frac{1}{2} \times 38\frac{1}{2}$ in. Double Case Cabinet ... $16\frac{1}{2} \times 72\frac{1}{2}$ "

The depth from back to front is 17 in.

The Cabinets are well and substantially built, and can be obtained either plain, or stained and varnished; they are arranged to serve as Composing Frames with the addition of iron brackets. They are fitted with hardwood runners.

Tilting Brackets can be supplied in place of our No. 1 Brackets at 3s. 6d. extra.



Model 114.—Double Case Cabinet, with Racks for 36 Cases and 2 pairs of Brackets. £2 7s. 6d.

PRICES.

Single Case Cabinet, with Rack for 18 Cases and	£	5.	d.
_	1	9	6
Stained and polished (Model 113)	1	12	6
Complete with 18 Double and one pair of Cases, stained and polished, together with Iron Case Brackets (Model 113)	6	6	0

	£	S.	d.
Double Case Cabinet, with Racks for 36 Cases and Brackets for two pairs up (Model 114)	2	7	6
Stained and Polished (Model 114)	2	12	6
With L shaped runners let into frame, and all			
made of hardwood (Model 114)	3	0	0
Complete with 36 Double and two pairs of Cases, stained and polished, together with			
Iron Case Brackets (Model 114)	12	0	0

FLAT-TOP DUSTPROOF CASE CABINET.



Model 115. Dustproof Case Cabinet, Hardwood, Stained and Polished, with Racks for 28 Cases 2 Drawers and 2 pairs of Brackets. £3 12s. 6d.

This Case Cabinet is similar in design to Model 114, with the useful addition of two drawers for copy, specimens, etc. a decided advantage in jobbing offices. Approximate floor space required, 72½ × 16½ in.

PRICE.

Flat-top Dustproof Case Cabinet Hardwood, Stained and Polished, fitted with 2 Drawers, 2 pairs of Brackets, and Racks for 28 Cases (Model 115)

£3 12s. 6d.

DUSTPROOF CASES.

			3.	d.
Upper and	Lower	₽ pair	7	0
Doubles		each	4	8

For orders of 25 Pairs or 50 Cases, Uppers or Lowers, a reduction of 9d, per pair will be made.

For orders of not less than 25 Cases each, of any kind (other than Uppers or Lowers), or 3 dozen assorted, a reduction of 6d. per Case will be made.

DUSTPROOF JOBBING CABINET-FRAME.

In addition to the usual Rack for 17 Cases, this Jobbing Cabinet-Frame is made with a Drawer and Rack for 14 Jobbing Galleys, an arrangement which effects considerable saving in the compositor's time, as it enables him to have his work close at hand. The Cabinets supply a long-felt want for a plain, up-to-date Composing Frame, which has the hygienic advantage of being a dust excluder. Approximate floor space required, 55 × 161 in.; height, 61 in.

PRICES.

Dustproof Jobbing Cabinet-Frame,
Hardwood, fitted with Rack for 17
Cases, 2 Galley Rests, Rack for 14
Galleys, and 1 pair of Brackets
(Model 116)... 3 5 0
Stained and Polished... 3 12 6

Can also be supplied with Racks, etc., as Model 108a, at the above prices.



Model 116. Dustproof Jobbing Cabinet-Frame, Hardwood, with Rack for 17 Cases, Drawer, 2 Galley Rests, Rack for 14 Galleys, and 1 pair of Brackets, £3 5s. Stained and Polished. £3 12s. 6d.

SPECIAL CABINET FRAMES.

Models 121 and 122.—Special Enclosed Cabinet Frame Rack, to take 18 ordinary or dustproof cases, and one pair of brackets for cases on top. Also useful random at back. Approximate dimensions $38\frac{1}{4}$ in. wide \times $16\frac{1}{2}$ in. deep.

Prices: In Polished Hardwood (Model 121), £2 8s.; In Whitewood (Model 122), £1 12s. 6d.

Model 123.—Special Extension Front Centre Frame, fitted with racks to take 34 ordinary cases and two pairs of brackets on top. Steel runners and extension fronts. Size $38\frac{1}{4}$ in. \times 40 in. Price, in Polished Hardwood, £5 5s.



Model 121.—Special Enclosed Cabinet Frame, in Polished Hardwood, £2 8s. Model 122.—Ditto, in Whitewood, £1 12s. 6d.



Model 123.—Special Extension Front Centre Frame, in Polished Hardwood, £5 5s.

FLAT TOP QUADRUPLE FRAME.

This Quadruple Frame is made after the pattern originally supplied by us to the Times, but in a somewhat smaller size so as to bring the price down to a more moderate figure. The racks of stock cabinets are made to take ordinary cases, but the Model can be supplied to order (at the same price) to fit dustproof cases. The racks hold 68 cases, and the brackets supplied will take four pairs on the top. The arrangement of the racks admits a maximum of accommodation in a minimum of space, and the cases at the sides can be used without disturbing the compositors, thus obviating waste of time. Approximate dimensions 66 in. \times 36 in.

PRICE.

Quadruple Frame, with racks for 68 cases and brackets to take four pairs on top.

Model 124 ... £6 17s, 6d.



Model 124.—Quadruple Frame with racks for 68 cases and four pairs brackets, £6 17s. 6d.

THE TILTING CASE BRACKET, With Galley Rest.



With Galley Rest. 10s. 6d. per pair.

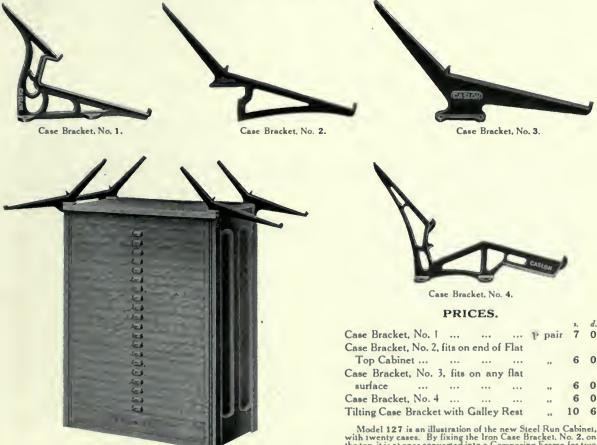
The Cut above shows Bracket tilted up, allowing compositor to empty on galley below lower case. The outlined portion represents Bracket holding case in position for setting.



Front View of Patent Tilting Bracket, showing Galley Rest.

The use of this Bracket renders the whole top of the Cabinet available for tied-up type, and saves time, as the compositor does not require to leave his case to empty his stick. By a slight movement of his hand he tilts the lower case up, and has access to the galley. The centre of gravity is so placed that while a very slight effort is necessary to tilt the case from the front. over thirty pounds' weight placed on the "e" box will not throw the case off its balance. These Brackets can be fixed on any flat surface.

CASE BRACKETS.



Model 127. Single Dustproof Cabinet, with Rack for 20 Cases and 2 pairs of Brackets. Hardwood. Polished. £3 12s. 6d.

Model 127 is an illustration of the new Steel Run Cabinet, with twenty cases. By fixing the Iron Case Bracket, No. 2, on the top, it is at once converted into a Composing Frame for two compositors. Nos. 1 and 3 can be fised to any flat top Cabinet or Rack, and will be found most useful at a time when temporary assistance in the composing room is necessary.

0

0

N. B When ordering, please quote Model Number.

WINDOW CABINETS.



Model 128.—Window Cabinet, with Patent Tilting Brackets and Cases complete. £7 10s.

These are specially designed for placing in front of a window, so as not to obstruct the light, of which the cases on top get the full benefit. Two men may work undisturbed at the sides, while the jobbing cases in front are easily accessible. The top is flat, and useful for holding tied-up type.

These Cabinets have the Tilting Brackets and Galley Rest, which enable a compositor to empty his stick without leaving the Cabinet, by simply tilting his lower case, as shown in the illustration.

The bottom is made flush with the floor to prevent pie from getting underneath.

PRICES.

The Window Cabinet, with 18 Double Cases,	£	s.	d.
Tilting Brackets, and 2 pairs of Cases on			
the top. 45 in. high, 40 in. wide, 30 in.			
deep (Model 128)	7	10	0
The Window Cabinet, without Cases but in-			
cluding Tilting Brackets (Model 128)	2	12	6

BORDER CABINETS.

We have been not a little interested and disturbed when watching a careful hand trying to make provision for a new supply of borders. He probably selects a lower case for this purpose, in which he "lays" his new possession with loving care, using a 3-point lead to separate each line. Alas! in another week the faces he stands up so carefully will be in the fallen condition of a box of "e's," and those prized designs will wear out their edges more, when tossed and tumbled in a case, than under the pressure of a platen or cylinder machine.

These border Cabinets keep the most delicate types absolutely free from injury. They are made in four sizes, holding 4, 10, 20, or 40 trays. These are useful sizes for easy handling, and are furnished with thin strips of wood, notched at the ends to fit the grooves at the sides, and will accommodate large or small borders. The trays lie in the Cabinet at an inclined angle, and the contents can be kept in an upright position without the least trouble. The life of a border must be materially lengthened by this simple and satisfactory device.

PRICES.

		s.	
4-Drawer Cabinet, one tier, $14\frac{1}{2}$ in. high (Model 129)	1	5	0
10-Drawer Cabinet, one tier, 25 in. high (Model 130)	3	0	0
*20-Drawer Cabinet, two tiers, 25 in. high (Model 131)	6	0	0
*40-Drawer Cabinet, two tiers, 46 in. high (Model 132)	10	0	0

Made of hardwood and handsomely finished.

*These Sizes are not kept in Stock, but can be supplied to order.



Model 132 .- 40-Drawer Border Cabinet. £10.

SPECIMEN CABINETS.



Model 133. 8-Drawer Specimen Cabines. £4.

Designed specially for keeping Specimens of Printing. The drawers are made in two depths 21 in. and 5 in., and are constructed to take folio, quarto, and octavo sheets. The Cabinet is fitted with a lock and key which secures all drawers. The Model 133 Cabinet is a convenient height for a letter copying press. The Cabinet is very handsomely made in hardwood, finished with bronze case pulls, and is a useful ornament to an office in which it is placed.

The general classification and preservation of specimens in a Cabinet enables customers to decide on what they want quickly, and in certain cases they suggest other requirements, especially in offices where high-class commercial typography is executed. A Specimen Cabinet is as necessary a part of a printing office outfit as is a catalogue to a type foundry. Let your prospective customers see specimens of your work at a glance and you will secure their orders.

PRICES.						
	With	Loc	k and		Vitho	
Dimensions. High.Wide, Deep.	and	Poli	shed.	I	De vie	ce.
With 8 Drawers, 38×33½×25 in		4.	o.	ىد	4.	٥.
(Model 133)	. 4	0	0	3	12	6
With 12 Drawers, $54 \times 33\frac{1}{2} \times 25$ in						
(Model 134)	. 5	10	0	5	2	6

ELECTRO BLOCK CABINETS.

These Cabinets are handsomely built of polished hardwood and fitted with bronze case pulls; being dustproof, they prove a most valuable acquisition to any office.

They are filled with Blank Cases which have extension backs, and in addition to the ordinary uses that most printers require of them, the Cabinets can be recommended to advertisers for the safe preservation of their wood cuts, etc.

The Cabinets preserve order and method in the storing of valuable Electros or Half-Tones. In printing offices where illustrated catalogues are executed they are practically invaluable, rendering classification easy, and labour-saving wherever used.

PRICES.	Har	olishe dwo at To	od.
With 16 Cases, 16 × 21½ in.; 39 in. high (Model 135)	3	0	0
With 12 Cases, 16 × 321 in.; 311 in. high (Model 136)	4	0	0
With 16 Cases, 16 × 321 in.; 39 in. high (Model 137)	4	10	0
With 20 Cases, 16 × 321 in.; 461 in. high (Model 138)	5	0	0



Model 135 .- Flat Top 16-Case Electro Cabinet. £3.

WOOD LETTER CABINETS.



Model 142.—Wood Letter Cabinet in Hardwood, occupying 9 square feet floor space, and affording 140 square feet for storage of type. £9.

These commodious dustproof Cabinets are very substantially manufactured of hardwood, handsomely finished and polished, and fitted with steel runners.

The Cases have dustproof fronts and cup handles, and are slotted down the sides to receive the movable strips which can be adjusted to ems of 12 point. This device enables the compositor to store wood letter in an orderly and systematic manner, whilst the arrangement of the founts is readily apparent.

The top is available for use as a convenient bulk. The most economical method of keeping wood type. Easily accessible.

These Cabinets are made of polished hardwood in two designs. Models 139 and 141 having cases measuring $23 \times 32\frac{3}{8}$ in.; and Models 140 and 142, 23×44 in., with a centre bar dividing each case.

PRICES.

						£	3.	d.
Contains	12 Cases,	$23 \times 32\frac{3}{8}$	in.	(Model	139)	4	12	6
Contains	12 Cases,	23×44	in.	(Model	140)	5	15	0

Contains 20 Cases, 23 × 32 in. (Model 141) 6 17 6
Contains 20 Cases, 23 × 44 in. (Model 142) 9 0 0

WOOD LETTER CASE RACKS.

WITH LARGE CASE.

This handy and inexpensive rack will hold 20 cases the same size as that used in the cabinet, Model 142. The cases, which measure 23 in. × 44 in. are slotted at the sides and fitted with 12 movable strips, adjustable to ems of 12-point.

This rack may be ordered separately, the cases being supplied as required.

Price ... £2.

The approximate dimensions of this Wood Letter Case Rack (Model 143) are 57 in. high, 50 in. wide, and 25 in. deep, and will hold 20 cases 23×44 in.

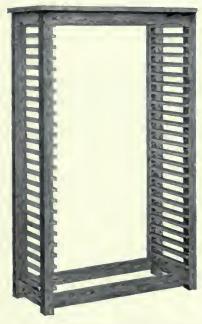


Model 38.—Large's Wood Letter Case, 23in, × 44 in., with 12 movable strips, 6s. 6d.



Model 143.-Wood Letter Case Rack for 20 Cases. £2.

ORDINARY OPEN RACKS FOR CASES.



Model 146. Single Rack to hold 24 Cases. 36 × 15% in. Height, 62 in. £1 6s.



Model 148. Double Rack to hold 40 Cases. 71 × 15½ in. Height, 57 in. £2 2s. 6d.

Solidly made of hardwood, and firmly bolted together. The runners, also of hardwood, are L shaped, so that panelling at the sides is not necessary. Although these Racks are now made to hold more cases than formerly, the height is not increased. The high Case Racks are braced at the centre with stretchers, which prevent them from spreading.

PRICES.		enclosed Back
		and Ends.
		£ s. d.
Single, to hold 12 Cases, 40 in. high (Model 144)	0 18 0	1 6 6
Single, to hold 20 Cases, 57 in. high (Model 145)	1 4 0	1 15 0
Single, to hold 24 Cases, 62 in. high (Model 146)	1 6 0	1 17 6
Single, to hold 30 Cases, 80 in. high (Model 147)	1 10 0	2 5 0
Double, to hold 40 Cases, 57 in. high (Model 148)	2 2 6	3 0 0
Double, to hold 60 Cases, 80 in. high (Model 149)	2 12 6	3 10 0

Iron Runners for Case Racks and Frames, £1 10s, per gross.

DUST-PROOF CASE RACKS.

PRICES.

	£	J.	d.
Improved, bolted, with panelled ends, to hold 34 cases, with			
hardwood runners, and made of the best deal, 77 in. high			
(Model 150)	1	16	0
Improved, bolted, with panelled ends, to hold 34 cases, fitted			
with steel runners, and made of the best deal, 77 in. high			
(Model 151)	1	19	6
Improved Double, bolted, with panelled ends, to hold 68 cases,			
with hardwood runners, and made of the best deal, 77 in.			
high (Model 152)	3	3	0
Improved Double, bolted, with panelled ends, to hold 72 cases,			
fitted with steel runners, and made of the best deal,			
81 in. high (Model 153)	3	9	0



Model 151 .- Dustproof Case Rack, £1 19s. 6d.

N.B.-When ordering, please quote Model Number.

COLUMN AND JOBBING GALLEYS, &c.

ALL-STEEL GALLEYS.

The Galleys are manufactured out of planished steel, specially prepared. The Bottoms are made of stout steel with angle steel rims, rivetted, and are practically indestructible.



All-Steel Column Galley, Rivetted Rims.

COLUMN GALLEYS. JOBBING GALLEYS. $8\frac{1}{2} \times 5\frac{1}{2}$ in. inside ... 2/7 each ψ doz. £1 8 13 \times 9 ,, ,, ... 3/6 ,, ,, 1 18 16 \times 10 ,, ,, ... 3/9 ,, ... 2 0 $24 \times 4\frac{1}{4}$ in, inside ... 2/11 each \Rightarrow doz. £1 11 $26 \times 4\frac{1}{4}$ $28 \times 4\frac{1}{4}$ 1 18 2 0 2 6 2 17 3 10 3/6 .1 18 11 ... 3/9 2 0 2 3 ... 3/9 $30 \times 4\frac{1}{4}$... $24 \times 5\frac{1}{4}$... 18 ×11 21 ×13 24 ×18 4/-3 ... 4/3 1 12 ... 5/3 3/-** Double Column Galleys to 61 in. inside, one-fourth extra. 6/6

ZINC BOTTOM GALLEYS WITH STEEL SIDES.



Zinc Bottom Column Galley with Steel Sides and Quoins.

WITH	OUT QUOINS.		WITH QUOINS.
$24 \times 4\frac{1}{4}$ in	3/6 each p doz. £1 19 0	$24 \times 4\frac{1}{4} \text{ in } 5/-$	each p doz. £2 14 0 quoins 3
$26 \times 4\frac{1}{4}$,	3/10 ,, ,, 2 3 0	$26 \times 4\frac{1}{4}$, 5/4	,, ,, 2 18 0 ,, 3
$28 \times 4^{1}_{4}$,	4/3 ,, ,, 2 8 0	28 × 41 ,, 5/9	,, ,, 3 2 0 ,, 3
$30 \times 4\frac{1}{4}$,	4/9 ,, ,, 2 14 0	$30 \times 4\frac{1}{4}$, 6/3	,, ,, 3 6 0 ,, 3
24 × 5 ,,	3/9 ,, ,, 2 2 0	$8\frac{1}{2} \times 5\frac{1}{2}$, $2/11$	
D . 11. C .1	Callana and family many	13 × 9 ,, 4/6	,, .,, 2 10 0 ,, 2
Double Column	Galleys one-fourth more.	16 ×10 ,, 5/3	,, ,, 2 18 0 ,, 2
		18 ×11 ,, 5/10	
$8\frac{1}{2} \times 5\frac{1}{2}$ in	2/5 each \$\psi\$ doz. £1 7 0	23 × 9 ,, 7/-	,, ,, 3 18 0 ,, 3
13 × 9 "	3/6 ,, ,, 1 19 0	21 ×13 ,, 7/6	,, ,, 4 4 0 ,, 3
16 × 10 "	4/3 ,, ,, 2 8 0	24×5 , $5/3$,, 2 17 0 ,, 3
18 ×11 "	5/- ,, ,, 2 14 0	$24 \times 6^{\frac{3}{4}}$,, 5/10	
23 × 9 ,,	5/6 ,, ,, 3 2 0	$26 \times 6^3 \dots 6/3$, , 3 12 0 , 3
21 ×13 "	6/- ,, - ,, 3 8 0	$28 \times 6^{3}_{4}$, 6/10	0 ,, 3 18 0 ,, 3
		$30 \times 6^{3}_{4}$, $7/5$,, , , 4 4 0 ,, 3

MAHOGANY GALLEYS.

Best Make, Brass Bound Corner.



Mahogany Jobbing Galley.

Demy Slip	21	Χ	5	in.	inside	2/-	each,	p doz.	.£1	1	6
Royal Slip			5		,,			,,			0
Demy 8vo	8	X	51	,,	,,	1/-	,,	**	0	11	0
Royal	10	X	6	,,	**	1/3	,,	99	. 0	13	6
Demy 4to	13	X	9	,,	**	2/-	**	**	1	1	6
Royal 4to	15	X	10	"	,,	2/3	,,	**	1	4	3
Crown Folio				,,	**	2/6	,,	,,	1	7	0
Demy Folio				,,	**	3/-	**	**	1	12	6
Royal Folio	21	X	13	,,	,,	4/-	,,	,,	2	3	0
F'cap B'side	18	X	14	**	99	3/6	,,	**	1	18	0

Mailing Galleys made to order.

COLUMN GALLEYS.

CASLON & CO.'S PATENT GALLEY QUOIN is a metal fixture let into the side of the galley, of which it forms a part, and into which it can be completely shut when not in use. The advantages to be derived from the use of the Self-Locking Galley are many, one of the greatest being the little space taken up in locking. Furniture being used against the type instead of side-sticks, much more room is left available for type matter.



Column Galley, with Patent Quoins.

Patent Quoins fitted to all Galleys with Mahogany Sides, without extra charge.

SOLID BRASS (Without Quoins).	ZINC BOTTOM AND BRASS T	TUBE
24 × 41 * * * * 1 101 * 1 * * 1 * * * * * * * * * * * * *	(Without Quoins).	
24 × 41 in. inside 18/- each p doz. £9 14	21 × 11 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1	C2 12 0
26 × 4½ " " 10 10	0 24 × 41 in. inside 6/9 each p doz.	
28 × 4½ 21/ 11 7	0 26 × 41 7/8	3 18 6
30 × 41 22/6 12 3	0 28 × 4½ ,, ,, 7/9 ,, ,,	4 4 0
30 X 12 II II III II II I	30 × 4½ 8/3	4 9 6
	30 X 12 II II III III III III	
BRASS BOTTOM AND BRASS TUBE	ZINC BOTTOM, MAHOGANY S	IDES.
(Without Quoins).	Half-lined (side and end)	
24 × 41 in. inside 9/9 each p doz. £5 5	0	
26 V 41 30/6 E 14	27 A 72 III. HISING 4/3 CACH P COZ.	£2 11 0
	20 X 41 5/3	2 17 0
28 × 4½ 11/3 6 0	28 × 41 5/9	3 2 0
$30 \times 4\frac{1}{2}$ $11/9$ 6 7		3 7 6
	30 X 4½ ,, ,, 6/3 ,, ,,	3 7 0
BRASS BOTTOM, MAHOGANY SIDES,	ZINC BOTTOM, MAHOGANY S	IDES
Half-lined (side and end).	Not lined.	IDEO,
24 × 41 in. inside 9/- each p doz. £4 17	3 24 × 41 in. inside 4/- each p doz.	£2 3 0
26 × 4½ 9/6 5 2	6 26 × 41 ,, ,, 4/6 ,,	2 8 6
28 × 4 10/3 5 10	9 28 × 41 5/	2 14 0
		3 0 0
30 × 4½ " " 10/9 " " 5 16	0 30 × 41 5/6	3 0 0

Double Column Galleys-To 6] in. inside width, one-fourth more on the above prices.

SUPERIOR JOBBING GALLEYS.



Jobbing Galley, with Patent Quoins.

ZINC BOTTOM, MAHOGANY SIDES Lined all round.

	nside.						
Demy 8vo.,	81× 51	in.	2/9 each	P doz.	£1	10	0
4to1	3 × 9	**	4/6		2	10	0
Crown Folio1	6 × 10	**	4/9	**	2	12	0
Demy Folio1	8 ×11	**	5/9 .,	**	3	3	0
Royal Folio 2	1 ×13	• •	7/	**	3	15	0

BRASS BOTTOM, BRASS TUBE.

		One s				Two sides and end.							
		Each.	1.	doze	en.		Each.	10	doze	en.			
81 × 51	in.	4/9	£2	11	0	***	5/6	£2	19	6			
13 × 9		7/2	3	17	6		8/6	4	12	0			
16 ×10	••	9/-	4	17	0		10/4	5	11	6			
18 ×11	9.0	106	5	13	6		12/-	6	9	6			
21×5	**	7/-	3	15	6		-		-				
21 ×13		13/-	7	0	0	•••	15/-	8	2	0			
23 × 9		11/-	5	19	0		12/9-	6	18	0			



Jobbing Gailey.

ZINC BOTTOM, MAHOGANY SIDES Half-lined (side and end).

Inside.					
Demy 8vo., 81 × 51 in.	2/3 each	P doz.	£1	4	0
,, 4to13 × 9 .,				18	
Crown Folio16 ×10 "	4/	**	2	3	0
Demy Folio18 ×11 "	5/	11	2	14	0
Royal Folio21 ×13 "	6/6	**	3	10	0

ZINC BOTTOM, BRASS TUBE.

	One	side and en	d.		les and en	d.
	Each.	P doze	n.	Each.), doze	n.
81× 51 ii	1. 3/3	£1 15	0	 3/9	2 0	6
13×9 ,	5/-	2 14	0	 5/6	2 19	6
16×10 ,	5/9	3 2	0	 6/3	3 7	6
18×11 ,	6/3	3 7	6	 6/9	3 13	0
21×5	5/-	2 14	0	 		
21×13 ,	7/9	4 4	0	 8/3	4 9	0
23×9 .	7/3	3 18	6	 7/9	4 4	0

IMPROVED REVERSIBLE GALLEY

Suitable for Machine Composition generally; can also be used as an Ordinary Galley.

WITH OR WITHOUT QUOINS.

Maximum output is unquestionably the target of modern manufacturing concerns, but in no case is it so essential as in the printing business, for when a printer invests several hundreds of pounds in a machine, that machine pays a better dividend when the maximum output is obtained. The introduction of this Improved Reversible Galley has brought maximum output a step nearer to the printer, so far as machine composition is concerned.

Originally the galley had a swivel end, but the new form has an end-piece (entirely removable) dropping into slotted sides. These side slots are slightly curled, and the interlocking projections on the end-piece are correspondingly curled. By a kind of rolling motion the end-piece is dropped in or lifted out. The curl forms the lock, and when the matter is resting against the end piece it is impossible for it to come out.

In the first illustration is shown the end-piece removed, with guide bar in position, the type appearing just as the caster would deliver it on to the galley. The galley having been filled with matter, the end-piece is replaced, a piece of furniture of the right width inserted, and the patent quoins brought into play by a slight pressure of the fingers. All this takes but a few seconds—on or off the caster—without the risk of "pieing." To be able to remove the galley from the caster with the matter the right way about, as in hand composition, is a decidedly time-saving advantage, and that is just what the removable end-piece effects. The galley is put right on the caster and taken away and racked or proofed like a galley of hand-set matter.

In the second illustration the head section of the galley, with matter thereon, is shown securely locked up.

The third cut illustrates the simple end-piece.

THE GALLEY OF MATTER MAY BE RACKED OR PROOFED AT ONCE

NO TIME WASTED. NO "PIEING."



Illustrating the end-piece removed, with guide bar in position, the type appearing just as the caster would deliver it on to the galley.



lllustrating the head section of the galley. Matter thereon is shown securely locked up.



Illustrating the simple end-piece.

PRICES OF IMPROVED REVERSIBLE GALLEYS.

The 24-in. galleys are that length over all.

											WITH	IOUT Q	UOIN	IS.				WI	TH QU	OINS.		
24	×	: 4	1 <u>1</u> in.		• • •	•		•••		4/6	each	p doz.	£2	10	0	•••	6/- e	each	p doz.	£3	8	0
24	×	: 5	j ,,			•••		,	• • •	4/6	"	"	2	10	0	•••	6/-	**	,,,	3	8	0
24	×	. 5	$\frac{1}{2}$,,							5/-	11	99	2	16	0	•••	6/8	,,	,,	3	15	0
24	×	6	5 ³ ,,							5/6	**	,,	3	1	0		7/-	,,	**	3	19	0
24	×	7	7½ "		•••		•••	•••		6/3	,,	.,	3	10	0		8/-	,,	,,,	4	9	0
24	×	: 8	3 ,,		•••			•••		6/6		**	3	14	0		8/3	**	,,	4	12	0
24	X	9	$\frac{1}{2}$,,					•••		•		"		19	0		8/9	**	,,	4	18	0

Any size made to order, and special prices given for quantities.

GALLEY CABINETS.

Galley Cabinets, made in the most substantial manner of thoroughly seasoned hardwood, are designed to carry an immense weight safely. Cabinets of large capacity are specially valuable to book printers.



Each shelf of a large size Galley Cabinet should be numbered. When a galley is put on its shelf, after being proofed, the number of the shelf should be put on the proof slip When proof is read the number on it indicates where the type is, and if, when the galley is corrected, the compositor finds the shelf corresponding with the number of his proof slip is occupied, he puts his galley in the handiest vacant shelf, and changes the number on the proof slip, so that when proofs are handed to be made up, he finds the galleys without any loss of time.

Model 154. 1 Tier Galley Cabinet, 134×284 in, height 44 in, with Flat Top. £1 18s.

PRICES.

	£	8.	d.
1 Tier, with Flat Top, to hold 20 Dbl. Col. Galleys (Model 154)	1	18	0
2 Tier, with Flat Top (231 in, wide) to hold 40 Double Column			
Galleys (Model 155)	3	10	0
3 Tier, with Galley Top, to hold 60 Dbl. Col Galleys (Model 156)	8	8	0
5 Tier Galley Rack, with Random Top, to hold 100 Double			
Column Calleys (Model 157)	11	0	0



Model 156. 3 Tier Galley Cabinet, 36×28 in., height 51 in., with Galley Top. £8 8a.

GALLEY-PROOF PRESSES.



Model 158. Cylinder Galley Press. £6 15s.

PRICES.

With Blanket and Hand Roller complete.

Cylinder Galley Press, 10×35 in. (Model 158) 6 15 0

Cylinder Galley Press, 12×35 in. (Model 159) 7 10 0

GALLEY RACKS.

These Brackets are made of iron (brass plated), and are firmly screwed to the frame, to take single and double galleys.

This is a most substantial Galley Rack, and available for wall space.

PRICES.

					rnish	
		Model				
For	6	 160		0	18	0
**	8	 161	• • •	1	2	6
**	10	 162		1	7	6
••	12	 163		1	12	6
**	20	 164		2	12	6



Model 163. £1 12a. 6d.

GALLEY BRACKETS.

(BRASS PLATED.)



To screw to wall or frame, and take galleys up to 9 inches in width, 1s. 9d. ? pair.

LETTER BOARD CABINETS.



Model 167.—Letter Board Cabinet Complete with 16 Letter Boards. £3 7s. 6d.



Model 168.—Letter Board Cabinet Complete with 10 Letter Boards. £4 7s. 6d.

The Cabinets are built in a solid and substantial manner of well-seasoned hardwood, polished, and handsomely finished. The boards are of hardwood, are closed at sides and back, and are rabbeted in front to facilitate the sliding of matter on and off. The runners are of hardwood, and the grain running the same way as the sides of the Letter Boards, friction is reduced to a minimum.

PRICES.		Polished Hardwood.
		\pounds s. d.
Cabinet with 10 Boards, $12 \times 14\frac{1}{2}$ in	(Model 165)	2 10 0
Cabinet with 12 Boards, 12 × 14½ in	(Model 166)	2 15 0
Cabinet with 16 Boards, 12 × 14½ in	(Model 167)	3 7 6
Cabinet with 16 Boards, 16 × 12 in. with random top	(Model 167a)	4 0 0
Cabinet with 10 Boards, 26 × 21 in	(Model 168)	4 7 6
Cabinet with 14 Boards, 26 × 21 in	(Model 169)	5 12 0
Cabinet with 12 Boards, $15 \times 32^{\frac{3}{8}}$ in., ordinary case size	(Model 170)	4 12 6
Cabinet with 16 Boards, 15 × 32% in., ordinary case size	(Model 171)	5 12 6

The above sizes are stocked, but Cabinets and Boards of any desired size can be supplied at proportionate rates.

HARDWOOD LETTER BOARDS.

Made of thoroughly seasoned hardwood, closed back and sides, and rabbeted on front edge to hold galley, so that the type may be slid off easily. Underneath there is a groove for the fingers to assist in drawing the boards out.



PRICES.

						5.	d.							S.	d.
Crown	• • •	• • •	22×18 in		each	5	0	Dou	ble Crown	33 ×	24 in		each	9	6
Demy			26×21 in		each	6	0	Dou	ble Demy	39 X	27 in		each	12	0
Royal	• • •	• • • •	30×24 in	•••	each	8	6	Dou	ble Royal	44 ×	29 in	•••	each	14	0

Boards, $32\frac{3}{8} \times 14\frac{1}{2}$ in., 6s. 0d. each, fit all frames or racks. Boards, $16\frac{5}{8} \times 14\frac{1}{2}$ in., half case size, 4s. 0d. each. Other sizes made at proportionate prices to order.

 $\mathcal{N}.\mathcal{B}.-W$ hen ordering, please quote \mathcal{M} odel Number.

Model 117-Ink Cabinet, in Polished Hardwood. £3 5s.

INK CABINET.

THE LABOUR-SAVING PRINTING INK STORAGE.

This lnk Cabinet provides the most convenient arrangement for the systematic storage of ink. It is suitable for placing against a wall, so that the space taken up is hardly noticed, while the accommodation provided for storing ink saves time usually occupied in searching for a particular kind. It also prevents the untidy and wasteful method of keeping ink here, there, and everywhere but nowhere when wanted. There are seven adjustable shelves which can be placed the various distances apart necessary for different sized tins eight rows are thus provided for and can be systematically arranged. The front is fitted with two doors, and made to slide to further economise space, and the whole cabinet, 48 inches wide, 44] inches high, and 81 inches deep, is made of best hardwood and polished.

DESIGNED TO ECONOMISE FLOOR SPACE, GIVING GREATEST HOLDING CAPACITY IN LEAST AREA.

Model 117 ... £3 5s. complete.

LEAD AND REGLET CABINET.

This Lead and Reglet Cabinet is made in two sections, both of the same size, so that they can be placed side by side or back to back. The sizes start at 6 ems, advancing by 1 em to 26 ems, and by 2 ems from 26 to 60 ems. The material is laid in flat, which enables same to be kept in perfect order, so that supplies ean be taken away or returned without the slightest difficulty. The space occupied by the two sections when placed back to back, is 36 ins. by 24 ins., and the height is 5 feet.



Model 172 Section 1. £2 15s.

PRICE. Lead and Reglet Cabinet (Model 172), in Polished Hardwood... £2 15s. each Section.



Model 172 Section II. £2 15s.

The sizes from 6 to 19 ems are laid in the long columns shown in the upper portion of the left-hand figure given above. Of the four series of columns, three are for 3, 2, and 1½ points respectively, while the fourth can be used for 1 point, or for a double supply of one of the other thicknesses, or for reglet or elumps. From 20 to 60 ems there are two compartments for each size, one being for reglets or clumps and the other for leads. Of the latter, 2,000 can be stored in each pigeon hole.

LABOUR-SAVING LEAD RACKS.

These Racks will commend themselves to practical printers as being the best in use, and the only Racks in which leads will not pie. They are strongly and solidly made, and each compartment is plainly numbered.



Model 173.-Small Lead Rack. 12s. 6d.

DESCRIPTION OF LEAD RACKS.

SMALL LEAD RACK (Model 173).—A good low-priced Rack, substantially constructed, in two sections, each holding lengths from 4 to 28 ems (varying by ems). One section may be used for leads, the other for clumps or reglets.

TWO-TIER LEAD RACK (Model 174).—In this Rack leads and clumps lie flat and will not pie. There are compartments to take leads from 4 to 60 ems, the lengths

being stamped over each compartment. The Rack is solidly built, and will hold 750 lbs. of leads and clumps. The Compartments are 8 inches high.

PRICES.

- In Polished Hardwood.

Model 173. -Small £ s.

Lead Rack 0 12 6

Model 174.—Two-tier
Lead Rack ... 1 2



Model 174.-Two-tier Lead Rack. £1 2s. 6d.

ACME LEAD RACK (Model 175a).—Has two compartments for each size from 4 to 26 ems, rising by ems, and from 28 to 50, rising by 2 ems, with double space for 16, 18, 20, 21, and 22 ems. One compartment of each size may be used for leads and the other for clumps or reglets. Will hold 600 lbs. of leads and clumps. Sizes, 8 inches high, 47 inches wide, and 9 inches deep approximately.



Model 175a.—Acme Lead Rack. £2



Model 176.—Combination Lead Rack. £1 7s.

COMBINATION LEAD RACK (Model 176).—Made in four sections, which are sold separately if desired. The number of each compartment is stamped on the wood. Section No. 1, holds 4 to 15 em lengths, 6s. 6d.; Section No. 2, holds 16 to 30 em lengths, 6s. 6d.; Section No. 3, holds 31 to 45 em lengths, 7s. 6d. Section No. 4, holds 46 to 60 em lengths, 7s. 6d.

PRICES.

In Polished Hardwood.

s. d.

Model 175a.—Acme Lead Rack 2 0 0

Model 176.—Combination Lead Rack 1 7 0

LEAD, CLUMP AND METAL FURNITURE RACKS.



Model 177 .- Metal Furniture and Lead Rack. £7 10s.

These combination Racks will be found most useful in any office. They are made in a very solid and substantial manner.

Model 177. The two cases are fitted with compartments for 4, 5, 6, 8, 10, 12, 14, 15, 16, 18, 20, 22, 25, 30, 35, 40, and 50 ems, plainly numbered, and each case will hold 250 lbs. Metal Furniture, or 650 lbs. Leads. The space below is fitted with 10 Letter Boards (inside measurement, 22 × 25 in.) closed back and sides, and rabbeted in front to receive galleys. The rack is 4 ft. 6 in. wide, and 4 ft. 9 in. high at the back, with cases sloping 9 inches towards the front.

Model 178. This Rack embodies the principles enumerated in the preceding paragraph, with the exception that very useful drawers occupy the space of the Letter Boards, and that the holding capacity is very much greater.

PRICES.

Model 177. 4 ft. 6 in. wide, 27 in. deep.	£	3.	d.
Height: 4 ft. 9 in., back; 4 ft. front	7	10	0
Model 178.—5 ft. 7 in. wide, 20 in. deep. Height; 5 ft. 0 in., back; 4 ft. 3 in., front	10	10	0
Model 178a. 4 ft. 1 in. wide, 20 ins. deep; 4 ft. 9 in. high, similar to Model 178, but with two tiers and enclosed back and ends	6	0	0

Other sizes or variations can always be supplied at special quotations.

LEADS & CLUMPS.

For full particulars and prices, see Current Price List.

METAL FURNITURE.

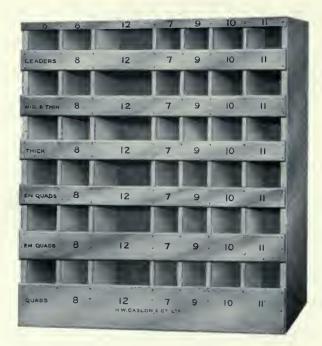
For full particulars and prices, see Current Price List.

IRON FURNITURE.

For full particulars and prices, see page 57.



Model 178,- Lead, Clump, and Metal Furniture Rack. £10 10s.



Model 179.- Quadrat and Space Bin. £5

QUADRAT AND SPACE BIN.

Quads, spaces, and leaders of all bodies from 6 to 12-point can be stored in this Bin, and can be easily abstracted when wanted. The compartments vary in size, so that the largest can be selected for the largest supplies of material, and vice versa. The space occupied by this Cabinet is 52 ins. by 13 ins., the height being 62 ins.

PRICE.	Pol Haro	ishe	d,
Model 179.—Space occupied 52×13 ins.,	Tiare	IWOO	οα,
height 62 ins	£5	0	0

METAL REGLETS.

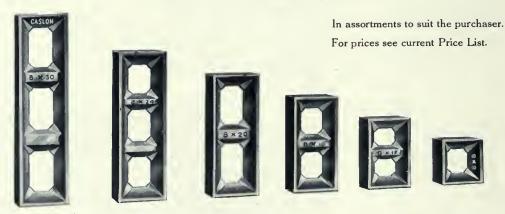
Of the most beautiful finish and accuracy, any length to 18 inches.

METAL CORNER CLUMPS.

12-point and 6-point Metal Corner Clumps, for Mitred Borders.

For Prices see Current Price List.

METAL FURNITURE.



Improved Metal Furniture, perfectly accurate, and cast to the following sizes:—

Length in 12-point ems—4, 5, 6, 7, 8, 9, 10, 11, 12, 13, 14, 15, 16, 18, 19, 20, 21, 22, 24, 25, 26, 30, 35, 40, 45, and 50.

Widths—½, 1, 2, 3, 4, 6, and 8 ems.

WOOD FURNITURE.

			5.	d.		5. '	d.		3.	d.		5.	d.
2 ems		p doz.	1.	4	 1º gross	14	6	6 ems (Double Narrow) p doz.	3	6 1	gross	38	0
3 ems (Narro	w) ,	**	2	6	 ,,	27	0	8 ems (Double Broad) "	4	0	,,	44	0
4 ems (Broad	l)	**	3	0	 **	32	0	10 ems ,,	4	6	11	50	0
5 ems		**	3	3	 11	35	0	12 ems ,,	5	0	**	56	0

 $\mathcal{N}.\mathcal{B}.$ —When ordering, please quote $\mathcal{M}odel$ Number.

LABOUR-SAVING WOOD FURNITURE CASES.

The advantages of these convenient and economical Cases must be apparent to every printer. Each piece of Furniture can be readily returned to its place, preventing the great waste which always occurs when lengths are cut up as required. The Furniture is well finished, thoroughly oiled, and cut to point measure. Each piece has the size stamped upon it, and the Cases are made with partitions for each size.



Model 217. Labour-Saving Wood Furniture Case, complete with Material. £4,

Model 217. Contains the following assortment of Furniture: -1,120 pieces assorted of 2, 3, 4, 5, 6, 8, and 10-line, by 10, 15, 20, 25, 30, 40, 50, and 60 ems long. 33\[\frac{1}{2}\] in. high, 29\[\frac{1}{2}\] in. wide, 10\[\frac{1}{2}\] in. deep.

PRICES.

		CA	SES O	NLY.				
Model 217	•••	• • •				£1	12a.	6d.
		REF	ILLS O	NLY.				
Model 217						£2	12a.	64
								-
COMPLE	TE WIT	гн ма	TERIA	L AS	TATED	ABO	OVE.	
Model 217							_	
Wiodel Z17		* * *	***	* * *	* * *	£4	On.	0d.

Model 181. Contains the following assortment of Furniture: 1,172 pieces assorted of 2, 3, 4, 6, and 8-line, by 12, 14, 16, 18, 20, 22, 24, 26, 28, 30, 32, 34, 36, 38, 40, 44, 50, 54, 60, 64, 70, 74, 80, 84, 90, 100, 110, and 120 ems long. 24 in. high, 29 in. wide, and 21 in. deep.

PRICES.

CASES ONLY.

Model 181 £1 156.

REFILLS ONLY.

Model 181 £3 156.

COMPLETE WITH MATERIAL
AS STATED ABOVE.

Model 181 ...



Model 181. Labour-Saving Wood Furniture Case, complete with Material. £5.

N.B .- When ordering, please quote Model Number.

£5 0s.

LABOUR-SAVING WOOD FURNITURE, SIDESTICK, AND REGLET CASES.



Model 218.—Labour-Saving Wood Furniture Case, complete with Material. £2 2s.

Model 218.—Contains the following assortment of Furniture:—560 pieces assorted of 2, 3, 4, 5, 6, 8, and 10-line, by 10, 15, 20, 25, 30, 40, 50, and 60-ems long. 33 in. high, 16\frac{1}{2} in. wide, 10\frac{1}{2} in. deep.

Model 219.—Contains the following assortment of Furniture, Reglets, and Sidesticks:—396 pieces of 2, 3, 4, 6, and 8-line furniture; 432 pieces of 6 and 12-point reglet; and 144 sidesticks; by 18, 24, 36, 48, 60, and 78 ems long respectively. 29³/₄ in. high, 15 in. wide, 14 in. deep.

PRICES.

CASES ONLY.

Model	218	 	•••	19s.	6d.
Model	219	 	£1	2s.	6d.

RE	CI.	1 1	 \sim	J.E.	v
INE	L.I	ы	 Ot.	٩L	ιΙ.

Model	218	 • • • •	 £1	6s.
Model	219	 • • •	 £2	5s.

COMPLETE WITH MATERIAL AS STATED ABOVE.

Model	218	 •••	•••	£2	2s.
Model	219	 		£3	5s.



Model 219.—Combined Wood Furniture, Sidestick, and Reglet Case, complete with Material. £3 5s.

Model 220.—Contains the following assortment of Reglets:—1,600 pieces assorted of 6 and 12-point, by 16, 18, 20, 21, 22, 23, 24, 26, 30, 32, 34, 36, 40, 45, 50, and 60 ems long. 26\frac{1}{2} in. high, 11\frac{1}{4} in. wide, 10\frac{3}{4} in. deep.

CASES ONLY. PRICES.

REFILLS ONLY.

Model 220 18s. 6d. Model 220 £1 6s. 3d.

COMPLETE WITH MATERIAL AS STATED ABOVE.

Model 220 £2 2s.

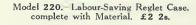


					3.	<i>1</i> .		5.	d.
6-Point	•••	 	 •••	→ doz.	0 1	0	₽ gross	9	0
8-Point		 	 •••	**	0 1	0	,,	9	0
10-Point		 	 	**	1	0	**	11	0
							,,		
							,,		

SIDESTICKS.

(Broad, Medium, or Narrow).

			5.	d.				5.	d.
10 in. and under	•••	₽ doz.	1	0	30 in	 •••	p doz.	2	6
12 in. to 20 in.	• • •	**	1	6	36 in	 •••	,,	3	0
24 in			2	0					



PATENT STEEL FURNITURE.

MANUFACTURED AT THE CASLON FOUNDRY.

Patent Steel Furniture is made of strips of steel, accurately finished to measure, with notehed ends. It is formed into hollow squares, and used to fill spaces quickly in printing formes. The steel is either 24 or 36 points wide, and is five-eighths of an inch high. It is cut to various lengths, and every length measures an exact multiple of 12 points. The notch is 12 points in depth, as shown in our illustration.

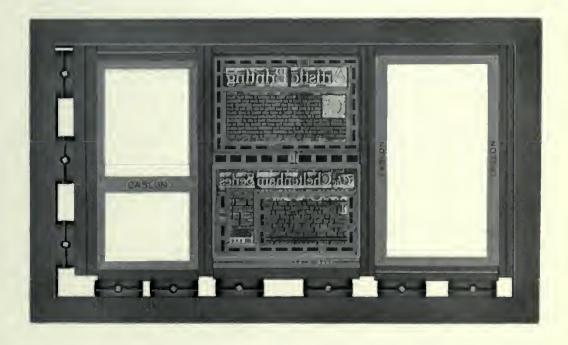


Style No. 2. 36 Point Steel (Two Notches).

Steel Furniture is valuable for all kinds of printing formes where there is space to be filled and accuracy is required. It can be used in every class of work, whether book or jobbing, blank or colour work.

For Colour or Blank Work there is nothing in use that compares with it.

Its great value is in the time it saves and the greater accuracy it secures over every other kind of furniture. Weight for weight it goes six times as far in filling space as metal furniture, and can be used in one-half to one-sixth of the time. It is accurate in every way to the thousandth part of an inch. It is not only practically perfect when new, but being of steel and not easily marred, it is bound to remain accurate. It makes not only truer formes but lighter formes. There is no need of springing the chase to get a safe lock-up. It saves weight on the press and does not work up in the formes. It also saves room in the office.



Considering how much further it goes, it costs less than metal furniture at the outset, and as it lasts practically for ever, it is a constant saving of expense for material. Then it pays for itself over and over again by the time and trouble it saves and the accuracy it secures. These points are fully endorsed by users, continual repeat orders being placed by printers who have once introduced it and proved its many advantages.

PATENT STEEL FURNITURE.

MANUFACTURED AT THE CASLON FOUNDRY.



											s.	d.
8 €	ms to	o 14 en	ns					• • •	• • •	per piece	0	4
16	**	22 ,,			•••	•••		•••		,,	0	5
24	,,	38 "			• • •		•••	•••		**	0	6
40	,,	48 ,,			•••					**	0	7
51	,,	60 "					•••	•••	•••	**	0	8
63	,,	72 ,,	•••	•••				•••	•••	,,	0	10

CASES (Polished Hardwood)

Large (Model 182), 7/6; Small (Model 183), 5/-

HINTS ON ITS USE.

To ensure square frames treat the opposite pieces alike at the corners

The only precaution necessary is to avoid bending the pieces; cross-bars should always be used where the pressure of the quoins comes against the middle of a long piece.

These founts furnish their own cross-bars. Each length is a cross-bar for the next longer length.

The outside pieces should always be paired so as to bring the notches the same way before placing them in a forme.

The steel should be wiped occasionally with an oiled rag.

Model 182.

ASSORTMENTS AND PRICES.

Fount A—In lengths, from 8 to 72 ems, of 24 and 36-point steel. From 8 to 42		
it is 24-point in 18 sizes, viz., 8, 10 12, 14, 16, 18, 20, 22, 24, 26, 28, 30, 32,		
34, 36, 38, 40 and 42 ems. From 45 to 72 it is 36-point in ten sizes, viz., 45,		
48, 51, 54, 57, 60, 63, 66, 69 and 72 ems. Total: 28 different lengths,	\pounds s.	d.
8 pieces of each, 224 in all	5 15	0
Fount B containing half the quantity of A	2 17	6
Fount C is the 24-point portion of A	2 7	
Fount D contains half the quantity of C	1 10	0

Founts made up to any assortment to suit customers' requirements.



Model 183.

PLAIN STEEL REGLET.

Made from the best English Steel, and perfectly accurate. It will be found most useful and very economical for "locking-up."

An assortment of 12-point Steel Reglet, consisting of 6 pieces each, 12 ems to 36 ems, ascending by ems, 150 pieces in all, 23/-

It should be noted that 12 Point Steel Reglet can also be supplied at 1/5 p lb. (34 inches equal 1 lb.), cut to any length.

CAST IRON FURNITURE.

The great advantages of Cast Iron Furniture are fully recognised, and this most useful addition to the Printing Office can be supplied in quantities or convenient assortments at the prices quoted below.

This Furniture is manufactured to the American point standard and is guaranteed accurate to the limit of error. It cannot be dented or bruised, will not expand in stereotyping, and cannot afterwards contract out of shape, but will keep its proper form under the most severe locking-up or heating. Other important features of this Cast Iron Furniture are its permanent value and lightness; it is practically indestructible, and as compared with the ordinary metal furniture now in use is 40 per cent. lighter in weight. Formes will lift with less locking-up, thus reducing the liability to spring. The Furniture is machined on all sides, and is especially valuable for register and colour work on account of its rigidity and accuracy.

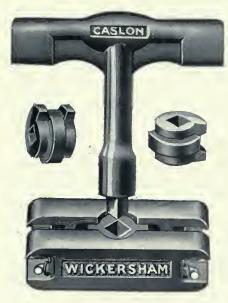


PRICE LIST.												
Width in 12 pt. ems. 1	11 2	3	5	6	8	10	12	20	24			
Width in 12 pt. ems.	1½ 2 5. d. 0 1½ 0 1½ 0 1½ 0 1½ 0 1½ 0 1½ 0 1½ 0 2½ 0 2¼ 0 2¼ 0 2¾ 0 2¼ 0 2¾ 0 4½ 0 4½ 0 4½ 0 4½ 0 5 0 5 0 5½ 0 6 0 6½ 0 7 0 7½ 0 8 0 8 0 8 0 8½ 0 9 0 9 0 9 0 9½ 0 10 0 11 0 11 1 0½ 1 3½ 1 55	5. d. 5. 0 0 13 0 0 2 0 0 21 0 0 22 0 0 21 0 0 3 0 0 3 0 0 4 0 0 4 0 0 5 0 0 6 0 0 6 0 0 7 0 0 8 0 0 9 0 0 9 0 0 11 0 0 11 1 1 0 11 1 1 1 1 1 3 1 1 4 1	$\begin{array}{cccccccccccccccccccccccccccccccccccc$	2. d 0 3 \(\frac{1}{4} \) 0 4 0 4 \(\frac{1}{4} \) 0 5 0 5 \(\frac{1}{2} \) 0 6 0 6 \(\frac{1}{6} \) 0 7 \(\frac{1}{2} \) 0 8 \(\frac{1}{2} \) 0 10 \(\frac{1}{2} \) 0 11 0 11 1 0 1 0 1 2 \(\frac{1}{2} \) 1 3 1 4 \(\frac{1}{2} \) 1 6	5. d 0 4\frac{1}{2}\frac{1}{2}\dots 0 5 0 5 0 6 0 6\frac{1}{2}\dots 0 7\frac{1}{2}\dots 0 8 0 8 0 9 0 10\frac{1}{2}\dots 0 11 0 11\frac{1}{2}\dots 1 0 1 0 1 1 3 1 1 3\frac{1}{2}\dots 1 5 1 6	10 2. d. 0. 5 0. 5 0. 6 0. 6 0. 6 0. 8 0. 8 0. 8 0. 9 0. 10 0. 11 1. 0 1. 0 1. 1 1. 2 1. 3 1. 4 1. 5 1. 7 1. 9	. d	20 20 2. d 0 11 1 0 1 2 1 3 1 5 1 7 1 9 1 11 2 0	24 z, d 1 1 1 3 1 6 1 9 1 10 1 11 2 1 2 3			
100	1 6	1 6 1	$\begin{array}{c ccccccccccccccccccccccccccccccccccc$	1 8 1 9	1 9	1 10	1 10 1 11	2 6	2 9			

A useful assortment containing 6 pieces each of 2, 3, 4, and 8 ems by 8, 10, 12, 16, 20, 24, 28, 32, 36, and 40 ems.

240 pieces in all. With Cabinet £5.

WICKERSHAM QUOINS.



The improved Three-Disk-Cam Quoins are made by special machinery, and can be relied upon for accuracy of form and finish. They are entirely of STEEL, and Cams are hardened and tested to 600 lbs. pressure.

The No. 1 Quoin is 2 in. long, $\frac{11}{16}$ in. wide, and tested to 400 lbs. pressure.

The No. 2 Quoin, the popular size, is $2\frac{1}{8}$ in. long, and $\frac{3}{4}$ in. wide when closed, tested to 600 lbs. pressure.

The steel square Key, with rounded point, readily enters the square hole in the Cam, and a safe lockage is obtained by one easy turn of the key.

When properly locked, the Quoin is guaranteed to hold, without slipping, throughout the longest run on the fastest cylinder or platen machines.

PRICES.

	£ s.	d.	1		£	s.	d.
1 doz. Quoins	 0 10	6	1 gross Quoins	•••	6	0	0
	 3 0	0	6 ,, ,,		35	0	0

Keys—Regular, 2/- each, 22/- p doz.; Pocket, 1/- each, 11/- p doz.; Pressman's, 2/6 each, 27/6 p doz.

Extra Steel Centres for Keys, 8d. each.

Extra Springs 1/- 7 doz. Extra Cams 6d. each.

THE EXPORT WICKERSHAM QUOINS.

These Quoins differ somewhat in construction, also in cost of production, from the No. 2 "Perfected" Wickersham Quoins, but they are equally true and square every way. They have the machined Cam Tracks: the milled and three-process hardened Three-Disk Cams are identical with the No. 2 "Perfected" Quoin in size, and can be used in combination with same. Like all the Wickersham Quoin Company's products, which are the result of long continued experiment and adaptation of specially invented machinery, these Quoins are

ENTIRELY SAFE FOR USE ON ANY MACHINE.

Owing to a difference in metals, however, they are not guaranteed to equal the "Perfected" grade for durability under excessive key-pressure or hard usage, but they are a most excellent article at the price, and supply a demand where first cost is of importance to the purchaser.

The Three-Disk Cams in all Wickersham Quoins, "Perfected" or Export are accurately graded and milled by special machinery so that the periphery of each disk is identical with the other two; and the cam-tracks are shaped to agree with and retain, at every degree of rotation, rigid and even bearings on all three disks of the cams. Thus, positive holding power and security are assured, at any expansion of the Quoins, regardless of all the banging and jostling of machine. When properly locked, Wickersham Quoins will not loosen their grip except by the application of the key.

As fully proved by the Wickersham Quoin Company years ago, cam quoins not uniformly accurate, with crude cams and cam-tracks, would be a continual menace of danger; for while they might hold, ordinarily, at one point of expansion, they would be liable to loosen at another point, and therefore come out of the forme, thereby causing damage to the type as well as the machine, and much inconvenience to the printer.

The Wickersham Quoins are the only printers' Quoins it is safe to oil. The oil should be applied to the inside only: it will add years to their life, and they will not loosen or slip while in use, even on the fastest cylinder or platen machine.



PRICES, No. 2 SIZE.

1 dozen Quoins, 7/6. 6 dozen Quoins, £2 1 0. 1 gross Quoins, £4 0 0. 3 gross Quoins, £11 15 0.

Keys-Regular, 2/- each, 22/- p doz. Pocket, 1/- each, 11/- p doz. Pressman's, 2/6 each, 27/6 p doz.

Extra Springs, 1/- p doz.

CASLON WICKERSHAM QUOINS.

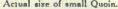
These are excellent Quoins, after the same pattern as the Export Wickersham, and are sold at a specially cheap rate to meet the demand for a good, low-priced, article. Price, per dozen, 5/6.

THE CHISWELL QUOIN.

(Hempel Pattern).

H. W. CASLON & CO., LTD., have pleasure in putting before the trade a new and specially manufactured pattern of mechanical quoin. Though containing all the advantages of the more expensive makes, yet owing to the large quantities in which they are made, this improved quoin can be offered at a very reasonable rate.





				£	3.	d.
Small size,	per	dozen pairs (24 Quoins)	***	0	2	6
**	per	gross pairs (288 Quoins)		1	5	0
Large size,	per	dozen pairs (24 Quoins)		0	3	6
	per	gross pairs (288 Quoins)	•••	1	16	0

Keys, small size, 9d.; large size, 1s.



HEMPEL'S PATENT IMPROVED QUOINS.



Actual size of Quoin.

NOTE SPECIAL FEATURES.

The Corrugated Ribs which prevent slipping, and are found only on the Genuine Hempel's "Improved" Quoins; also the corners are rounded, which prevents marring of stone and press bed.

ARGUMENT.

The old style Hempel Quoin was good, and until it was improved by Mr. Hempel himself, the best in existence; but he wished to produce a Quoin that was perfection itself, and this he has accomplished in the "Improved."

The novel features in the "Improved" Quoin are: -First, the Toothed Ribs and Lugs which, when properly locked, remove all anxiety as to their slipping; second, the extra width which gives a deeper hold to the key thereby preventing the slipping and breaking of the keys and teeth of the Quoins, also giving more bearing surface on the furniture, thus making a perfect lockup; and, finally, the rounded corners prevent the marring of the imposing stone and press bed.

SIZES AND PRICES.

		ľ	Per Dozen Paire (24 Quoins)			Per Gross			ro	and upwards Per Gross
No. 13 inches long	 		6/-	***	 ***	66/-	***		***	63/-
No. 2. 4 inches long	 	***	8/6	***	 	90/-		***		85/-

Plain Keys, for either size, 2/- each. Quoins are packed in cartons of 1 dozen pairs each.

THE POPULAR MORTON LOCK-UP.

This Device combines side or foot stick with Wickersham Quoins, all in one piece, and is the most complete of all forme locks for printers. The foot, side and ends are squared, each at right-angle to the others, and the foot bearings are broad, which construction, together with its weight, when placed directly against foot-clump or type, prevents all leanings or liftings of lines, thus avoiding a difficulty common where wood furniture is used next to the type. All bowing of pages and looseness and springing of forme is obviated, and a perfect register is assured.



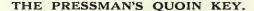
Place the Morton Lock-Up directly against the foot-clump, at bottom, and against type, at side, when conditions permit; otherwise, against furniture or chase. Give key a twist, and the work is done. No time wasted; no skew; no spring; no quoin can drop out, and there is no care of keying-up quoins throughout the longest run on press.

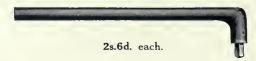
Lock-Ups are made slightly under advertised lengths, to avoid end-bearings at foot of pages.

								E	ach.	1									Ea	ach.
Leng	gth.	Nearest t	o Inches.	L	ocks.			S.	d.	1	Lengt	h. Nea	rest to		Lo	ocks.			5.	d.
4.00	ems	3	inches	1	Quoin			1	9		52	cms	82	inches	2 (Quoin	ıs	•••	3	3
20	**	31	**	1	11			1	9		54	**	9	**	2	19	•••	•••	3	6
21	**	31	11	1	"		•••	1	9	1	60	,,	10	11	2	11	• • •	•••	3	6
22	**	33	**	1	**		•••	1	9		66	**	11	**	2	11			4	0
23	,,	$3\frac{5}{6}$	**	1	"			1	9		72	**	12	**	3	11			4	9
24	**	4	11	1	11			1	9		78	11	13	**	3	1)		•••	4	10
25	,,	41	17	1	"	• • •	• • •	1	9		84	**	14	**	3	**	•••	•••	5	0
26	11	41	11	1	**	• • •	• • •	1	9		90	**	15	**	3	**		•••	5	3
27	**	41/2	"	1	11	• • •	•••	1	9		16	inches		•••	3	,,		•••	5	9
28	**	423	**	1	**	• • •		1	9	-	17	**	•••	• • •	3	11		•••	6	3
29	**	45	11	1	**	•••	•••	1	9		18	**	•••	•••	3	**		•••	7	6
30	**	5	11	- 1	**	•••	•••	2	0		19	**	• • •	***	4	**			9	6
32	**	5 1/3	11	1	**	•••	•••	2	0		20	99	•••	•••	4	**	•••	•••	10	6
34	**	5 2	1)	2	11	•••	•••	3	0		21	"	•••	•••	4	**			11	6
36	11	6	**	2	**	• • •	• • •	3	0		22	**	•••	•••	4	"			12	6
38	**	$6\frac{1}{3}$	"	2	**	•••	•••	3	0		$22\frac{1}{2}$	**		•••	4	**			12	6
40	**	62	**	2	**	•••	•••	3	0		23	**	•••	•••	4	"	•••		13	6
42	**	7	**	2	**		• • •	3	0		24	**	•••	•••	5	**	• • •		15	6
45	**	7 ½	**	2	11	• • •		3	3		25	**	•••	•••	5	**			16	6
48	**	8	,,	2	**		• • • •	3	3		26	**		•••	5	**	• • •	•••	17	6
50	**	81	11	2	**	• • •	•••	3	3			Put up	in pac	kages of	one-h	alf do	zen, ea	ach siz	e.	

The above sizes can be shortened 6 to 12 points at small cost.

Special lengths, in dozen lots, made to order.





This is the first right-angled Quoin Key to be put upon the market. It is ten inches long and is almost indispensable to the cylinder pressman when quoins are at back of forme, close to rollers, or where height of space is limited. To reverse Key-Peg, or to insert a new one, simply drive out the tapered pin as in the Regular Key. Both are reversible.

Space required between type and chase, for lock-up, is 1 inch for the Regular width carried in stock, and 3 inch for the Special width as fitted to order.

THE LAVATER LOCK-UP.

This Lock-up has been in constant use for years in many leading offices, and believing it to be one of the best locking-up devices on the market, we are pleased to again give it prominence.

Supplied in lengths from 3 inches upwards, with Quoins in the proportion of one to every 6 inches.



1 d. PER INCH INCLUDING ONE QUOIN TO EACH SIX INCHES.

1 d. PER INCH INCLUDING ONE QUOIN TO EACH SIX INCHES.

ASSORTMENTS.

No. 1 Card Size to Foolscap folio six sizes.	0		
Two each of 3, 4½, 6, 6½, 7½, 8, 8½, 9, 9½, 10½, 11½, 13½ inches, with 32 Quoins and one Key	£	5	
No. 2 Card Size to Demy Folio eight sizes.			
Two each of 3, 4½, 6, 6½, 7½, 8, 8½, 9, 9½, 10, 10½, 11, 11½, 13½ 15½, 17½ inches, with 50 Quoins and one Key	1 1	8	0
No. 3 Card Size to Double Demy fourteen sizes.			
Two each of 3, 4½, 6, 6½, 7½, 8, 8½, 9, 9½, 10, 10½, 11, 11½, 12, 13½, 14½, 15½, 16½, 17½, 18½, 19, 19½, 20, 22½, 23, 23½, 24 inches, with 136 Quoins and two Keys	5	5	0
Separate Keys, 2/- each. Extra Quoins, 3d. each.			

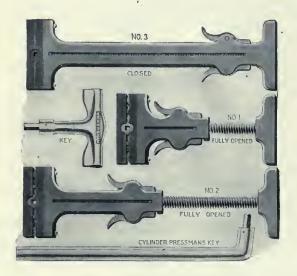
WOODEN QUOINS.

	Thes	e quoi	ns are	made f	rom ha	rdwoo	d, and	specia	care i	s exer	cised in	their	finish.				
																8.	d.
Jobbing Quoins									•••					3.	1000	8	0
Superior News Quoi	ns				• • •		•••	***		***	***	•••				10	0
Jarrah Wood Quoins	(this v	wood r	nakes	a speci	ally go	ood Qu	oin)	•••	•••	• • •	• • •				••	14	6

Far particulars of Mechanical Quoins see also pages 58 and 59.

THE STEPHENS EXPANSION LOCK.

The need of a positively safe, quick-acting, and durable Expanding Furniture, combined with absolutely reliable Quoins (that can be used, without possibility of collapse, in large chases containing small type-formes; also for locking various sizes of chases on beds of cylinder presses) has resulted in the production of this perfected implement which is winning the approval of every progressive printer. By its use, wood furniture, empty chases, old blocks, and all springy space-fillers and great time-wasters are discarded completely.



Absolute Security is assured by the everlasting tenacity of two six-fold-grip clamps; by the two supports upon which the two dogs rest while engaged; and by the wonderful power of the little three-disk cam, as demonstrated by the millions of Wickersham Quoins in use.

Instantaneous Action is assured from the fact that it expands to any point, from start to finish, by one quick motion, while engagement of the upward-turned dogteeth with opposites is automatic.

Nicety of Construction (parts being planed true and square, and fitted accurately throughout), together with its weight, positively prevents spring. Made of a special steel, with hardened jaws, it is durable, unbreakable, and of enormous power and resistance.

Conforms to square or bevel surfaces same as Wickersham Quoin and Morton Lock-Up.

THE POCKET KEY

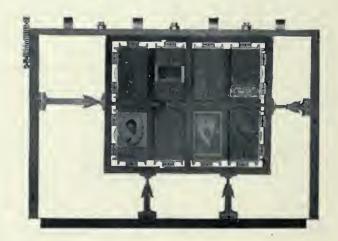
Is suitable for the small formes, also for general uses by the uninitiated who are not familiar with the power of the three-disk cam.

Fits the vest pocket.

One size of Key, either Regular, Pressman or Pocket, fits all Quoins.



This cut illustrates three sizes of the Expansion Lock as used for securing forme on bed of cylinder press; also Morton Lock-Ups, directly against type pages and iron chase, the lengths here shown being 29-em foot-locks, and 50-em side-locks.



EXPANSION LOCKS.

									s.		
No. 1 is	41	in.,	opens	to $6\frac{1}{2}$	in.	•••	•••	each	13	6	
No. 2 is	$6\frac{1}{2}$	**	**	101	,,			**	16	6	
No. 3 is	$10\frac{1}{2}$	**	**	181	**	•••		**	21	6	
No. 4 is	181			341					30	0	

KEYS.

					5.	d.
Regular Keys				 each	2	0
Pressman's Keys		•••		 **	2	6
Pocket Keys	•••	•••	• • •	 **	1	0
Steel Key Pege					0	Q

CHASES.

WROUGHT-IRON BOOK CHASES.

				Wit	h Moval	ole C	ross-B	ars.	Cut to 8vo and 12m	no.					
			Inside			P P	air.				Inc	side.		⊋ Pi	
Foolscap			19 × 15	in.		14			Double Foolscap		29	×19		 23	
Crown		 	21×17			15	6		Double Crown		 32	×211	44	 24	6
Demy		 	24×19			18	6	-	Double Demy		 36	×24		 27	6
Royal		 	26×20	H		21	0		Double Royal		 40	$\times 26$		 30	6
Super Roya	ıl	 	28 ×21		• • •	23	0		Quad Crown		 41	\times 31	**	 38	0
								- 1 -	P3 4						

If cut to 18mo, 1/6 P Pair extra.

Steel Book Chases can also be supplied in above sizes at the same prices. These are claimed to be 50 per cent. stronger than wrought iron.

WROUGHT-IRON BROADSIDE CHASES.

								E	ach.	1							E	ich.
				Insid				3.	d.					rside.			5	d.
Foolscap .		***		- 19 ×	15	in.		6	0		Double Crown	 	32	$\times 211$	in.		12	0
Crown				21 ×	17			6	6	į.	Double Demy	 	36	$\times 24$	**		15	0
Demy	• •			24 ×	19			9	0		Double Royal	 	40	$\times 26$			16	6
Royal				26 ×	201			11	0		Ouad Crown	 	41	$\times 31$			20	6
Super Royal.				28 ×	21			11	6		Quad Demy	 	46	×36			26	0
Double Fools	cap	• • •	• • •	29 ×	19	**	• • •	11	6		Quad Royal	 	51	$\times 41$	**	4	30	0

Newspaper Folding Chases (Wrought-Iron) 8d. P lb.
Wrought-Iron Side and Foot Sticks, to 14 in. 11d. P in.; longer lengths, 1/3 P lb.
NOTE. When ordering Wrought-Iron Chases, give both outside and inside measurements.

WROUGHT-IRON JOBBING CHASES.

			Ea	ch.		Ea	ch.
		Inside,	3,	d.	Inside.	8.	d.
Foolscap 4to	 	$9^{1}_{4} \times 7^{1}_{1}$ in.	 3	0	Foolscap Folio 15 × 91 in	4	0
Crown 4to	 	101× 81	 3	3	Crown Folio 17 ×10} ,,	4	6
Demy 4to	 	12 × 9	 3	6	Demy Folio 19 ×12 ,,	5	0
Royal 4to	 	13 ×11	 3	9	Royal Folio 201×13 "	5	6

WROUGHT-IRON LONG FOLIO

CAST-IRON HEADING CHASES.

		Each.	CHASES.	Each.
	Inside.	s. d.	Inside.	. d.
Foolscap Heading	 19×41 in.	2 0	F'scap, Long Folio 19 × 71 in 6	6 0
Crown	 $21 \times 5\frac{1}{2}$	2 4	Crown 21 × 81 7	7 6
Demy ·	 24 × 61	2 10	Demy " 24 × 9½ " 9	9 0
Royal	 26×61	3 4	Royal 26 ×10 9	9 6
Dbl. F'scap	 29×61	3 10	Dbl. F'scap 29 × 9} 9	9 6
Dbl. Crown	 32×71	4 0	Dbl. Crown 32 ×10 9	9 6
Dbl. Demy	 36 × 8	4 3	Dbl. Demy 36 ×12 11	6

CAST-IRON BOOK CHASES. With Fixed Cross-Bars.

								* *			. 0.000										
			Insi	de.				PP			1				In	side.				₹P	air.
Foolscap		 19	×	15	in.,	for	Folio	 6	8	•		Royal			 26	×20	in.	for	Folio	10	0
Foolscap	***	 19	×	15			8vo.	 8	6			Royal .			 26	$\times 20$		**	8vo }	12	A
Crown		 21	X	17			Folio	 8	0										or 12 mo.)		
Crown		 21	×	17			8vo	 9	6			Double	Foo	olscap	 29	×19			Folio	11	0
Demy		 24	×	19	••	**	Folio	 9	0			Double	Foo	lscap	 29	×19			8vo) or 12 mo. !-	15	2
Demy		 24	X	19		99	8vo	 12	4		ŀ			_				C	or 12 mo. 🕒	13	3
												Double	Cro	wn	 32	$\times 21$	١		8vo	17	0

CAST-IRON JOBBING CHASES.

				Es	ch.	1					Each.
		Inside.		3.	d.				Inside.		s. d.
Small Card	 	5×4 in.		0	9		Royal 4to		13 × 11 in.		2 0
Large Card	 	6 × 5		1	0		Foolscap Folio	***	15×9 }		2 2
Foolscap 8vo	 	71× 51		1	1		Crown "		17 ×10		2 4
Crown 8vo	 	8×5		1	2		Demy		19×12 ,	***	2 8
Demy 8vo	 	9 × 6		1	3		Royal "		201×13		2 10
Royal 8vo	 	10×6		1	5		Foolscap Broadside		19 ×15 "		3 0
Foolscap 4to	 	91× 71		1	3		Crown Broadside		21 ×17		3 6
Crown 4to	 ***	10×8	***	1	6		Demy Broadside		24 ×19		3 10
Demy 4to	 	12 × 9	***	1	9	1	Royal Broadside	***	26 ×201		4 3

Chases supplied for "Chandler & Price," "Bremner," "Arab," "Minerva," and other Platen Machines.

NEWSPAPER FOLDING CHASES.

Made to order, with Screws, and on the newest and most approved principles. Prices according to dimensions.

In ordering Folding Chases it is advisable to send a sketch, giving thickness of folding bars, the width of back and head, and the inside measurement of each chase, as well as full outside measurement.

FORME RACKS.

These racks are made of hardwood, with iron runners and slanting divisions. They are strongly bolted together, and thoroughly well finished.

Supplied in two sizes.

Model 184.—81 in. high, 39 in. wide, 27 in. deep to hold 48 formes of any size to Double Crown, with slanting divisions and iron runners.

Model 185.—81 in. high, 54½ in. wide, 27 in. deep to hold 72 formes of any size to Double Crown with slanting divisions and iron runners.

PRICES.

Hardwood Polished.

Model 184.—81 in. high, 39 ins. wide, 27 ins. deep 7 10 0

Model 185.—81 ins. high, 54½ ins. wide, 27 ins. deep 9 10 0

Forme Racks of any size or design made to order.



Model 185.—Forme Rack. 81 ins. high, 54½ ins. wide, 27 ins. deep. £9 10s.

WALL FORME RACKS.



Model 187.—The Wall Forme Rack. 77 ins. high, 57 ins. wide, 25 ins. deep.

Deal, £7. Hardwood, Polished, £9.

Model 186 is designed to hold 50 formes, the lower half taking any size up to Double Crown, and the top half up to Demy.

Model 187 holds 75 formes (Demy sizes) 25 each, folio, half-sheet, and sheet. The runners are numbered at intervals of 5, and each tier is lettered. Given a proper system of entering formes in the forme book, any forme can be found in a few seconds. The slots at the back are very short, and any forme can be sent "home" without trouble from foreign matter in the runners.

We invite our customers to specify their requirements for Forme Racks, as we are in position to supply any kind of Forme Rack which they may consider desirable.

PRICES.

High.	Wide.	Deep.	Deal.	Hardwood Polished.
Model 186.—71 in.,	57 in.,	25 in	£ s. d. 4 10 0	£ s. d. 6 5 0
Model 18777 in.,	57 in.,	25 in	7 0 0	9 0 0

N.B. When ordering, please quote Model Number.

IMPOSING SURFACES AND FRAMES.

These Surfaces are of the best cast iron, ribbed underneath to give extra strength and prevent warping. They are accurately planed on the sides, ends, and the underneath part of the edges. The Frames, made of well-seasoned wood, strongly bolted together, are of great strength and durability.



Model 200. Extra Size Four Royal. 96×36 in. £15

																		£	a,	d.
Crown				24×1	8 ii	n., with	Stout	Frame	and	1	Drawer	(Model	188)					2	15	0
Demy			***	28×2	22			**		1	**	(Model	189)					3	5	0
Royal				30×2	14			••		1	11	(Model	190)		• • •			3	10	0
Double C	rown			36 × 2	26 ,			**		1	**	(Model	191)				• • •	4	10	0
Double D	emy	• • •	***	40×2	28 ,,			**		2 [Drawers	(Model	192)					5	0	0
Double R	loyal			56×2	28 "			**		2	**	(Model	193)					7	0	0
News Do	uble Ro	oyal	***	48×3	31.,			**		2	**	(Model	194)					7	10	0
Four Cro	wn			48×3	36 ,,					2		(Model	195)					7	15	0
Extra size	ditto			52 × 3	36			**		2	**	(Model	196)					8	10	0
Treble Re	oyal			72×3	31 ,			**		3	**	(Model	197)			***		10	0	0
Four Den	ny			58×4	12					4	**	(Model	197a)				10	5	0
Treble D	ouble C	rown		72×3	36 .,			**		3	**	(Model	198)	• • •				11	0	0
Four Roy	ral			96×3	31 ,			**		4	**	(Model	199)					13	0	0
Extra size	e ditto	• • •		96×3	36			**		4	- 11	(Model	200)					15	0	0

Other sizes made to suit customers' requirements at proportionate prices.



Model 201. Space-Saving Imposing Frame. £6 15a.

Model 201. This is another very useful style of space-saving Imposing Frame. It contains a rack to hold 14 formes, also Drawer for holding quoins, mallet, planer, &c. Hardwood polished, very strongly built, and well finished.

P	R	IC	E.
---	---	----	----

				Pol Har	lishe dwo	
Model 201	•••	 	• • •	£6	15	0

Approximate Dimensions, 36 ins. × 26 ins.

Any size of Imposing Frame can be supplied in this design, or any variation of arrangement that may be desired.

Special Sizes made to order.

Surfaces supplied without the Frames if required.

N.B .- When ordering, please quote Model Number.

IMPOSING SURFACES AND FRAMES.

No better disposition of the space underneath an Imposing Table can be made than to use it for Letter Boards. If the type is for distribution it is shifted from the surface to the board without any loss of time; if the matter is to stand it is handy for imposition. The Boards are made exactly as shown in our illustration, of hardwood, closed at sides and back, and are rabbeted in front to receive the galley when sliding off type. The sizes given below are suitable for large or small offices. They are made of hardwood, strongly bolted together and polished.





Model 204.-With 16 Letter Boards and 2 Drawers. £11 5s.

Model 202.-With 8 Letter Boards and I Drawer. £7 10s.

Polished

										Distri	woo	a.
			_							£	5.	d.
40×28 in., with	8 Letter	Boards and 1	Drawer	(Model 203	3)	•••			•••	8 1	0	0
56×28 in., with	16 Letter	Boards and 2	Drawers	(Model 204			•••			11	5	0
58×42 in., with	32 Letter	Boards and 2	Drawers	(Model 205	i)	***				16	0	0
86×42 in., with	56 Letter	Boards and 2	Drawers	(Model 206	i)	• • •	•••		•••	24	0	0
,	40×28 in., with 56×28 in., with 58×42 in., with	56×28 in., with 8 Letter 56×28 in., with 16 Letter 58×42 in., with 32 Letter	, 40×28 in., with 8 Letter Boards and 1 56×28 in., with 16 Letter Boards and 2 58×42 in., with 32 Letter Boards and 2	, 40×28 in., with 8 Letter Boards and 1 Drawer 56×28 in., with 16 Letter Boards and 2 Drawers 58×42 in., with 32 Letter Boards and 2 Drawers	56×28 in., with 8 Letter Boards and 1 Drawer 56×28 in., with 16 Letter Boards and 2 Drawers 58×42 in., with 32 Letter Boards and 2 Drawers (Model 204) (Model 205)	56×28 in., with 8 Letter Boards and 1 Drawer (Model 203) (Model 204) 58×42 in., with 32 Letter Boards and 2 Drawers (Model 205)	40×28 in., with 8 Letter Boards and 1 Drawer (Model 203) 56×28 in., with 16 Letter Boards and 2 Drawers (Model 204) 58×42 in., with 32 Letter Boards and 2 Drawers (Model 205)	40×28 in., with 8 Letter Boards and 1 Drawer (Model 203) 56×28 in., with 16 Letter Boards and 2 Drawers (Model 204) 58×42 in., with 32 Letter Boards and 2 Drawers (Model 205)	40×28 in., with 8 Letter Boards and 1 Drawer (Model 203) 56×28 in., with 16 Letter Boards and 2 Drawers (Model 204) 58×42 in., with 32 Letter Boards and 2 Drawers (Model 205)	40×28 in., with 8 Letter Boards and 1 Drawer (Model 203)	36×26 in., with 8 Letter Boards and 1 Drawer (Model 202) 7 1 40×28 in., with 8 Letter Boards and 1 Drawer (Model 203) 8 1 56×28 in., with 16 Letter Boards and 2 Drawers (Model 204) 11 58×42 in., with 32 Letter Boards and 2 Drawers (Model 205) 16	36×26 in., with 8 Letter Boards and 1 Drawer (Model 202) 7 10 40×28 in., with 8 Letter Boards and 1 Drawer (Model 203) 8 10 56×28 in., with 16 Letter Boards and 2 Drawers (Model 204) 11 5 58×42 in., with 32 Letter Boards and 2 Drawers (Model 205) 16 0 86×42 in., with 56 Letter Boards and 2 Drawers (Model 206) 24 0

Model 207.—The illustration shows an Imposing Surface and Frame, fitted with 30 Pigeon Holes (15 each side) and 6 letter boards, together with 3 drawers. Very strongly built, hardwood, well finished, stained and polished.

PRICE

In polished hardwood ... £11

Approximate Dimensions:

Double Royal 56-in. × 28-in.

Any size of Imposing Frame, or any variation of arrangement that may be desired, can be supplied.



Model 207.-Fitted with 30 Pigeon Holes and 6 Letter Boards. £11

 $\mathcal{N}.\mathcal{B}. ext{-}When ordering, please quote Model Number.}$

IMPOSING SURFACES AND FRAMES.



Model 208. Surface, 58 ins. by 42 ins. Frame, 75 ins. by 40 ins. Half Upper Cases not included. In polished hardwood. £18

The above engraving represents our newest design in Imposing Surfaces for small printing offices. The pigeon holes which are shown in the front are continued at the back. The sizes start at 12 ems, and advance by 2 ems to 46 ems, and then by the following gradations - 50, 54, 60, 70, 80, 90 and 100 ems. These are all the sizes necessary in ordinary job work up to demy folio. Where sizes beyond 100 ems are required, it is better to place them in horizontal pigeon holes. The above pigeon holes will hold sufficient material for (say) six compositors, the number for which the surface will provide accommodation. The box shown on the left-hand side is made to hold quoins or mixed quotations, etc. The racks beneath it hold 20 half upper cases, 10 on each size; while the narrow rack running transversely between the case racks accommodates 13 single-column galleys. At the opposite end there is provision (not shown in the engraving) for 11 formes. The advantages of storing material in this systematic manner are plainly apparent. Not only is economy of materials insured, but, what is still more important, the orderly and compact arrangement facilitates imposition and locking up to such a degree as to effect a saving of fully 50 per cent, as compared with the old vexatious, slovenly, and wasteful practice of heaping the supplies in a muddled mass in drawers that are apt to stick most obstinately when the need for expedition is sorest.

For large printing offices we recommend that the sizes enumerated above should be carried over two imposing surfaces, and should all be on the same side. The opposite side should be fitted with racks for double-cap formes. We have supplied surfaces on this pattern to the great satisfaction of our customers. We are prepared to supply surfaces with any variety of pigeon holes that our customers may require.

CUTTING BOARDS.	PRESSING BOARDS.	
	s. d. 0	s. d.
77	0 3 Demy 12mo 8 × 5 ins	pair 1 0
	0 4 8va 10 V 6	. 1 4
	0 5 Poural 840 11 × 7	1 6
	Immerial Syc 12 V S	2 0
	Dauble 12mg 12 × 10	. 2 0
The state of the s	0 8 Demy 4to 13 × 9	., 3 0
M - 15 20	1 0 Royal 4to 14 × 10	3 6
Paul 22	, a Foolscap Folio D X U8	4 0
1	Long Foolscap 15 × /	3 6
0 . 11 1	1 0 Demy Folio 18 ×111	5 0
rarallel if yard	Long Demy 20 × 9 ,,	4 6
WETTING BOARDS.	Long Medium 20 ×11	6 0
	Flat. Medium Folio 20 ×13	7 0
s. d. s.	. d. Royal Folio 22 × 14	8 0
	9 6 Crown Broadside 22 × 18	10 0
	0 6 Imperial Folio 24 × 16	10 0
	2 0 Demy Broadside 24 × 19	12 0
	3 0 Royal , 26 × 20 ,	14 0
10 10 10 10	6 6 Sup. Ryl. ,, 27 ×21 ,,	16 0
" Royal 42 ×27 " " 15 0 20	20 0 Imperial ,, 30 × 22 1 ,,	., 18 0

N.B. When ordering, please quote Model Number.

COMPOSING STICKS.



No. I .- Old Style.



No. 2.- Inside Screw.



No. 3. Outside Screw.



No. 4.-Thumb Lever, Bracket Slide.

		Iron.	Gun Metal.	German Silver.		Iron.	Gun Metal.	German Silver.
6 inch, any pattern	•••	4/6	5/-	7/-	10 inch, any pattern	 7/3	7/9	11/8
7 inch, any pattern		5/3	5/9	8/2	12 inch, any pattern	 8/3	9/-	14/-
8 inch, any pattern		6/-	6/6	9/4	14 inch, any pattern	 9/6	10/6	16/4
9 inch, any pattern		6/9	7/3	10/6	20 inch, any pattern	 12/6	14/-	£1/3/4

PRICES.

Mahogany News Stick, Brass Lined, set to any measure, 4/6. Iron News Stick, set to any measure, 4/6. Invariable Composing Sticks, with Hard Steel Slide and Head, 1/6 extra. Pocket Turnscrews, 3d. each. Engraving initials or name on Stick from 6d. upwards.

Any kind of Composing Stick made to order.

WOOD POSTER STICKS.



Wood Poster Sticks, with brass-lined ends, gun-metal knee and screw clamp, 18 in., 5/6; 24 in., 6/6; 30 in., 7/-; 36 in., 7/6; 42 in., 8/6; 46 in., 9/-.

SETTING RULES

(SUPPLIED IN MAHOGANY BOXES).

	5.	α,
8 to 32 ems, ascending by 2 ems (including 15 ems)	 3	6
4 to 40 ems, ascending by 2 ems (including 15 ems)	 5	0
6 to 22 ems, ascending by ems, and 24 to 40 ems, by 2 ems	 6	6
4 to 40 ame according by ame	Q	6



CASLOTA

NOISELESS FORME TROLLEY.

This simple contrivance is most valuable in offices where there are many large and heavy formes, as by its means the heaviest formes are removed without danger of falling out.

Being entirely under the control of one man, it saves time and labour, and also prevents damage to floors, the dragging of formes along the room and attendant noise being obviated.

It is strongly made, with wheels like those of a pulley, fitted with stout india-rubber tyres.

Price £1 1s.

BRASS RULE AND LEAD CUTTERS, &c.



CHANDLER & PRICE RULE AND LEAD CUTTER.

This Cutter embodies several valuable features, and is a great departure from old styles. The bed is nearly vertical, but inclines slightly backward, with a raised guide along its lower edge. The lead or rule rests on the edge, and assumes its position by gravity, assuring a square cut. The guide is accurately graduated to 12-point ems, and numbered to 5-em lengths. The gauge is reversible for cutting leads longer than the bed, and is fitted with a latch to gauge the slots of the guide. A thumb-screw holds the gauge for odd lengths. Gauges 14 ins., 0 to 85 ems.

Price £1 12s.

LITTLE GIANT' RULE AND LEAD CUTTER.

With a Double-joint Lever.

SIMPLE AND POWERFUL

STRONG AND COMPACT.

The Little Giant Rule and Lead Cutter has made a great reputation by its time and labour saving qualities. It is made in two sizes, large and ordinary. The large size is particularly adapted to offices where big work is the rule, but will be found equally valuable in other offices where first cost is not a consideration. The ordinary size is too well known to need explanatory matter. Both large and ordinary Rule and Lead Cutters possess Two Blades, one for Rules, the other for Leads, and will cut any rule from 6 point downwards. They are furnished with Front and Back Gauges, and cut without burring or curling the Rule,



Large Size.



Ordinary Size.

£ s. d.

ROTARY MITREING MACHINE.

SIMPLE AND USEFUL CHEAP AND ACCURATE.

This Rotary Mitreing Machine is accurately made and well finished. The pieces are few, simple, and impossible of derangement. It will mitre the thickness of 8-point Brass Rule and 24-point Metal Rule, and to any angle.

Price £2 10s.



MALLETS, PLANERS, SHOOTING STICKS, &c.

The Lignumvitæ Mallets are made of thoroughly-seasoned and selected wood with handles screwed in, and are finished in oil. They wear like iron, and can be specially recommended. The News and Jobbing Mallets are substantially made of best dry maple, and the handles are firmly wedged on. The Raw Hide Mallets will be found most economical in use; they are made of best hardened raw hide, and the heads are practically indestructible.



Lignumvitæ.



Raw Hide.



News and Jobbing.

Lignumvitæ	Mallet,	31/2	×5½	in.
Lignumvitæ	Mallet,	3	×5	in.

	3	-	News Mallet Jobbing Mallet
	2 M		Jobbing Mallet $2\frac{3}{4} \times 5$ in., $6/6$ each.

.. 2 6 2 0



Hard Maple, and easy to grasp.



News Planer.



2 6 1 3

Proof Planer.

			s.	a.
Maple Planer, leather top, 32	$\times 8$ in.	 	1	6
Maple Planer, large, 31×8 ir	١	 	1	3
Maple Planer, small, 3 ×6 ir	ı	 •••	1	0

	Proof Planer, $3\frac{1}{2} \times 8$ in. News Planer, $10 \times 4\frac{1}{2}$ in.	 	
;	News Planer, $10 \times 4\frac{1}{2}$ in.	 	• • •



Gun Metal Shooting Stick-A.



Gun Metal Shooting Stick-B.



Xylonite Shooting Stick.



Boxwood Shooting Stick.



Wrought-Iron Shooting Stick.



	S.	d.
Boxwood Shooting Stick 6d. each & doz.	5	0
Hickory do. (saye press beds) 5d. each p doz.	4	6
Gun-metal Shooting Stick	3	6
Wrought-iron Shooting Stick	. 3	0
Wrought-steel Shooting Stick, nickel-plated	2	6
Xylonite Shooting Stick	1	6

HAMMERS.

Machine-minder's Hammer	3.	d
Wachine-minder's Hammer	4	0
Gun-Metal Hammer, with Steel Screw Driver end	4	0
Gun-Metal Hammer, with Wood Handle	3	0
Sheeps-Foot Hammer	2	6

BODKINS, TWEEZERS, BRACE PLYERS, &c.

BODKINS.	PRESSMEN'S FRIEND.
	4.5
	Socially designed for the size which with the size of the size of
Bodkin, in Boxwood Handle 13 d.	Specially designed for clearing cylinder ink ducts, its peculiar shape conforming to the curves and angles of the duct. 10 in, blade
TWEEZERS.	8 in. blade 2 0
	BRASS RULE SHEARS.
Polished Steel, with nonpareil points.	
No. 1 0 9	
BODKIN AND TWEEZERS.	
	Bow Shears 4 0 Sharp Pointed Scissors for cutting-out Overlays 2 6
Nickle-plated Folding Bodkin and Tweezers; the best thing of its	BRACE PLYERS.
kind made. When extended the bodkin cannot slip.	
OVERLAY KNIFE.	ı. d.
CASICA S CI	Brace Plyers 3 3
Overlay Knife (invaluable to pressmen) 1 0	WOOD MITRE BOXES.
·	
INK KNIVES.	- Annual Control of the Control of t
, " " ,	Unbreakable Mitre Box, 3 in. wide 2 6 Wood Mitre Box, 132 ems wide 1 6
10 in. blade, square point 3 0 8 in. blade, square point 2 0	LEADER BOXES.
6 in. blade, square point 1 6	
BACK SAWS.	
	N. A. CATLOR S. DOL"
	Just the thing for holding leaders.
Back Saw, for cutting wood or metal 3 6	Size 5×8×11 in 1 0

BELLOWS, LYE BRUSHES, OIL CANS, &c.

CYLINDER DUST BELLOWS.



The Patent Cylinder Dust Bellows is indispensable in all manufactories for cleaning intricate machinery, and all articles having recesses which cannot be reached by a brush.

It should be held in the left hand, the point between the first and second finger. With the other hand the handle of the bellows is drawn out, and then quickly and forcibly pushed in again. In this way a strong blast of air is forced against or into the article or spot to be cleaned. 5s. 6d. each.

BELLOWS.



					3.		
Large							
Small	 •••	 	• • •	 	2	6	

LYE BRUSHES.



Large, $9 \times 3\frac{1}{2}$ in.	• • •	• • •	• • •	•••	•••	5	6		
Small, $9 \times 2\frac{1}{2}$ in.	•••		•••			3	6		
To preserve Lye	Brushes,	they	should b	e well	rinsed	after			
use, and allowed to drain.									

PICK BRUSHES.



				5.	и.
$5 \times 2\frac{1}{2}$ in	• • •	 • • •	•••	1	0

BEATING BRUSHES.



				5.	d.
$7\frac{1}{2} \times 4$ in.	 • • •	 •••	 	17	6

KAYE'S NEW PATENT

STEEL SEAMLESS OIL CANS.

With Patent Feed Hole and Interchangeable Spouts.

1 Pint, 3s. 6d. each.



TYPE WASHES.

Price 3s. each.

Pearlash and Potash, 10d. Plb.
Thompson's Pearline, 9d. Plb. In 24-lb. Drums.
Thompson's Silverine, 28-lbs. 8s.; 56-lbs. 15s.; 112-lbs. 28s.

No one can estimate the serious damage done to the face of valuable type, not to mention the waste of time and energy, by the use of cheap type-washes.

t lb. of Pearline produces a gallon of splendid Lye.

Alkali Type Wash.

28 lbs. 8s.; 56 lbs., 15s.; 112 lbs., 28s.

"TURPSAD."

THE IDEAL CLEANSER FOR PRINTERS.

Is an excellent article for washing Type and Rollers, but it is also greatly in demand for cleaning Litho Stones. We regularly supply it to printeries both at home and abroad, and our customers find it a highly efficient article. It is a quick dryer, has a high flash point, and is guaranteed to be absolutely free from grease. It is specially manufactured for printers and is vastly superior to any other article of its kind on the market.

Packed in 5 and 10 gallon drums, which are returnable, and in barrels, which are free.

Price per gallon, 1s. 6d. net.

MISCELLANEOUS.

						8.	d.
Bodkin Blades					p doz.	ï	
Brayers		•••	•••	•••	each 6d. to	1	0
Forme Hooks			•••	•••	each	3	0
Machine Points	, vario	us		•••	from	1	6
Marble Slabs					each 2s. to	18	6
Mullers			→ ir	., fro	m 1s. 3d. to	2	6
Page Cord					→ ball	0	6
Quoining Wren	ch, ste	el en	$_{ m ds}$			4	6
Type Scale, ste						2	6
Type Scale, stee	el, flat				each net	2	6

MOUNTING BOARDS.



For large plates and in bookwork where a number of uniform boards are required that are too large to mount on the ordinary uncleated backing, owing to the liability of warping, we recommend this improved panelled backing, and guarantee it to work satisfactorily. It is made of selected wood free of imperfections, and is constructed with special care.

These panelled blocks are made any size required. This is a perfect backing for large cuts, and guaranteed not to warp under ordinary circumstances.

PRICES.

	Each,			Ea	ch.		Eac	
	s. d.			3.	d.	s. d.	a	d.
Crown Folio, 15 × 10in Oak	2 6		Mahogany	3	0	D. Crown, 30×20 in Oak 7 0 Mahogany	8	0
Demy Folio, 18×12 in "	2 9			3	6	D. Demy, 36×23 in , 9 6 , 1:	1	0
Crown, 20×15 in "	3 6		**	4	0	D. Royal, 40×26 in ,, 13 0 ,, 15	5	0
Demy, 23×18 in ,.	5 3	***	11	6	0	Quad Demy, 46 × 36 in , 20 0 , 23	3	0
Royal, 26×20 in	6 0			7	0			

Price & foot, up to Quad Demy, Oak, 1s. 9d. Mahogany, 2s. Subject to usual discount and terms.

GALLEY PROOF TALLIES.

The utility of the Galley-Proof Tally for indicating compositors' "takes" has been long recognised in newspaper offices, but such tallies have generally been made in a somewhat crude fashion with type-metal clumps.

They are now made of solid brass, the figures or letters being in relief; these tallies are, therefore, practically indestructible. Much confusion, loss of time, error, and dispute in the news office, may be avoided by the use of the compositor's indicating clump, with which he prefaces the matter he has composed.' Each compositor being designated by a definite letter or number, a sufficient supply of clump tallies, corresponding to that letter or number, is allotted to him; and as he takes good care, for his own sake, to indicate his matter by the insertion of these tallies, all confusion in correcting, or in calculating the quantity and value of each man's lines, is obviated.

The following are specimens of the figures and letters:

A B C D 1 2 3 4

Price 7s. 6d. p doz.

THE "STERLING" ROUND-CORNERING MACHINE.

Will shape Books, Catalogues, Cards, or Tags, at a trifling cost for labour. The work being tightly clamped, the Cornering is uniform throughout. By means of the various attachments (fitted in two minutes) the machine also performs in first-class style:

PUNCHING, STABBING, THUMB-HOLE INDEXING, PERFORATING, LOOSE LEAF PUNCHING, AND CARD INDEXING.

PRICES.

		رک	8.	d.
The Sterling Machine, fitted for Cornering		3	0	0
Stabbing Attachment	***	1	3	0
Punching Attachment		2	0	0
Thumb-hole Indexing Attachment		2	0	0
Perforating Attachment (10 in.)		3	15	0
Loose Leaf Punching Attachment		2	15	0
Card Indexing Attachment	***	1	10	0
Pedestal Foot-power Attachment		2	15	0

CUTTING STICKS.

MADE OF HARD BEECH. PLANED SQUARE.

				1-	in.	11.	in.								1-	in.	- 4	in.
				aqu	are	squ	arc									arc	squi	
				8.	d.	3.	d.									d.		d.
Any length to 26 ins.	***		P doz.	2	9	 4	0	3	6 ins.			*		p doz.	4	3	 6	3
26 ins. to 29 ins	***			3	0	 4	6	3	8 ins.	***		• • •	• • •	**	4	6	 6	9
30 ins. to 32 ins			**	3	9	 5	6	4	2 ins.			***		**	4	9	 7	0
33 ins		***		4	0	 6	0	4	8 ins.		***	***		**	5	0	 7	6

For Chandler & Price's Cutters, 23 inch, 5s. per dozen; 26 inch, 5s. 9d. per dozen; 30 inch, 6s. 3d. per dozen.

BRASS TYPE CABINETS.

Also suitable for small founts of Capitals, Points, and Figures.

Bookbinders and others who use Brass Type will find in these Cabinets, of which we give illustrations, most useful as well as ornamental receptacles, dust proof, and designed with a view to securing easy and rapid setting.



Model 214.-£2 10s.

Model 214.—These Cabinets are convenient for placing on or under a bench, and are made of best seasoned hardwood, with bronzed handles on each case, and highly finished. The cases are made in exactly the same style as printers' cases, and are the same size, proportioned like one-half of the regular upper case.

The cases have extended sides.

			SI	ZE	S	A	ND	PR	ICES.		Hai	dwa s.	ood.
Cabinet	wit	h 6	cases,	15	X	22	$\times 20$	in.	(Model	213)	1	15	0
**	**	10	**	21	X	22	$\times 20$	in.	(Model	214)	2	10	0
**	**	12	77	24	X	22	$\times 20$	in.	(Model	214a)	2	17	6
**	,,	12	,,	253	X	26	×13½	in.	(Model	215)	5	5	6
,,	"	15	,,	283	X	22	×20	in.	(Model	216)	3	7	6

Model 215.—This Cabinet containing twelve drawers, or trays, each one having seventy boxes $1\frac{1}{2} \times 1\frac{1}{2}$ in., is made of hardwood, well finished and polished. Each tray can be pulled out of its rack until the whole of the boxes are available to the hand of the operator, the side extensions maintaining it in a slanting position, so that it need not be entirely removed from the Cabinet.

The greatest improvement in these cases will be noticed in the curved bottom to each box, shown in the following illustration.



The painful operation of digging out small type from the corners of a square-bottomed box is entirely avoided by this contrivance



Model 215.—£5 5s. 6d.

Model 215 measures:—Height, $25\frac{3}{4}$ in. Width, $26\frac{3}{4}$ in. Depth, $13\frac{1}{2}$ in.

N.B.-When ordering, please quote Model Number

LETTERING PALLETS OR TYPE HOLDERS.

						3.	d.
"Express"	Lette	ring Pal	let, as illustration		• • •	18	9
Ordinary	Туре	Holder,	with Spring Slide	***	from	7	6
		**	without Spring		**	5	6

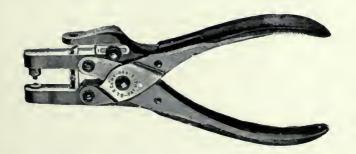
Larger sizes at proportionate prices.

A change of lettering can be effected in a few seconds with the "Express" type holders. The screw brings the ends to the centre, thus doing away with the side spacing. The full inside measure is $2\frac{1}{2} \times \frac{1}{2}$ inch.



"Express" Lettering Pallet. 18s, 9d.

HAND EYELET PUNCH.



Strongly made, of great utility, and simple in operation, this Eyelet Punch has an adjustable gauge which enables papers, leather, or other articles to be punched and eyeletted at uniform distances. Printers can, with this little tool, finish their work completely, instead of having to send it out to be eyeletted.

Price 6s.

Eyelets, made specially for use with this Punch, in three sizes, 5d., 7d. and 9d. per gross respectively.

27
Nº.

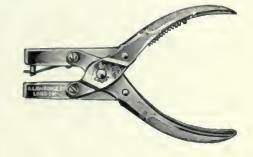




ROUND HOLE PIERCER.

A new cutting tool, with a parallel movement, designed to pierce holes in papers so as to easily admit the insertion of a round and flatheaded paper fastener. With this tool a quarter of an inch thickness of papers can be punched, and it will be found very useful and handy not only to printers, but for other business purposes.

Price 3s



BRASS AND COPPER HAIR SPACES.

These spaces are made in two thicknesses, ½-point and 1-point, for all bodies from 6-point to 72-point. In order that the two spaces may be readily distinguished, the ½-point thickness is made of Copper, and the 1-point of Brass. They make justification in any size of type quick and easy work. We supply them in Wood and Cardboard Boxes as illustrated. The Wood case contains 16 compartments, with 16 sizes of spaces from 6-point to 72-point; the Cardboard box contains 5 sizes, from 12-point to 48-point.





No. 1 Fount contains 1 lb. of ½-point Copper spaces cut the following sizes:-

6, 8, 10, 12, 14, 16, 18, 20, 24, 30, 36, 42, 48, 54, 60 and 72-points, including Wood Box, 9/6

No. 2 Fount contains 1 lb. of 1-point Brass spaces cut ditto, including Wood Box, 9/6

No. 3 Fount contains 1 lb. of ½-point Copper and 1-point Brass spaces, assorted, cut ditto, including Wood Box, 9/6

No. 4 Fount contains 10 ozs. of ½-point Copper spaces cut the following sizes:—

12, 18, 24, 36, 48-points, including Cardboard Box, 5/6

No. 5 Fount contains 10 ozs. of 1-point Brass spaces cut ditto, including Cardboard Box, 5/6

No. 6 Fount contains 10 ozs. of 1/2-point Copper and 1-point Brass spaces, assorted, cut ditto, including Cardboard Box, 5/6

THE "STRONG" MACHINE.

£ s. d.

This machine is made in Great Britain, and designed for strength and built for durability. It punches with a range of FOURTEEN sizes of HOLES, or up to half an inch if required. It cuts a nick for the head of a cheque book perforation, ensuring a clean rip. It cuts large and small thumbholes. It punches the slot used with Card Index Systems. It rounds corners, there being three different sizes of cutters for this operation—small; medium, and large. It takes a clean straight cut off corners. It punches the slot in Loose Leaf Ledger Systems. It makes flaps; and last, but not least, IT EYELETS.

PRICES.

Complete Machine with Five Attachments (without stand) 5												
This includes Round-corner Cutter, Punch, Eyelet Die, Stabbing Needle,												
and Thumb-hole Cutter.												
Plain Round-corner Machine, with Cutter and Treadle		2	10	0								
Punching Attachment and Punch		1	0	0								
Eyeletting Attachment and Eyelet Die		0	10	0								
Thumb-hole Attachment and Cutter	Thumb-hole Attachment and Cutter 0											
Eyelet Dies, per pair		0	4	0								
Round-corner and Thumb-hole Blades		0	3	6								
Punches	• • •	0	2	0								
Stabbing Needles	•••	0	0	9								
Stand		2	0	0								



The "Strong" Machine.

TREADLE ROUND-HOLE PERFORATING MACHINES.

This Machine is fitted with Cast Steel Cutting Plate and Pins, Gun-metal Guide Plate, Polished Mahogany Tables and Gauges.

The Cutting Plate is hardened and will last for years, so that by occasionally replacing the pins, perfect perforation is maintained.

The Perforating Pins are in view of the operator, so that ordinary work can be perforated without laying to Gauges.

The sections can be put out of work in a few seconds, and can be taken out for fitting new Pins, without removing the head.

Adjustable Gauges which can be set any distance apart and for any number of parallel Perforations, fitted on front Table, 20s. extra.

This Machine can also be supplied with Slot Perforation, prices on application.

30-in. Machine, with one 9-in. plate to remove for blank space ...



PRICES.

MACHINES WITH MOVABLE SECTIONS.

		£ s. d.
20-in. Machine, with two 6-in. and one 8-in. sections		11 5 0
25-in. Machine, with two 6-in., one 8-in. sections and 5-in. blank		12 10 0
25-in. Machine, with one 5-in., two 6-in. and one 8-in. sections		13 5 0
28-in. Machine, with four 7-in. sections	•••	13 15 0
30-in. Machine, with five 6-in. or six 5-in. sections		15 0 0
36-in. Machine, with six 6-in. sections		22 10 0
MACHINES WITH MOVABLE PLATE FOR BLANK SPACE.		
20-in. Machine, with one 6-in. plate to remove for blank space		10 0 0
28-in. Machine, with one 6-in. plate to remove for blank space	• • • • • • • • • • • • • • • • • • • •	11 15 0

Extra Perforating Pins, 2s. 6d. per 100.

The above prices do not include carriage. Further particulars can be had on application.

HAND LEVER ROUND-HOLE PERFORATING MACHINES.



Fitted with Cast Steel Cutting Plate and Pins, Polished Mahogany Tables and Gauges.

This is a very useful Machine for small printers and stationers.

PRICES.

12:	Machine, with 3-in. plate	£	5.	d.
	remove for blank space	5	0	0
16-in.	Machine, with 4-in. plate			
to	remove for blank space	6	0	0
20-in.	Machine, with 6-in. plate			
	remove for blank space	8	2	6

HAND ROTARY SLOT PERFORATOR.



Price 8s.

POWER ROUND-HOLE PERFORATING MACHINE.

This Machine is fitted with Cast Steel Cutting Plate and Pins, Polished Mahogany Tables and Gauges.

The speed of Machine is 65 Cuts per minute, so the amount of work done is only limited by the capacity of operator.

It is very simple to work, only requiring a slight pressure on foot lever to throw it in action.

PRICES.

	£	5.	d.
30-ins., with five 6-in. sections	20	0	0
36-ins., with nine 4-in. sections	30	0	0

Adjustable Gauges, which can be set any distance apart and for any number of parallel Perforations, fitted on Front Table, 20s. extra.

The above prices do not include carriage.



The above Machine can also be supplied with Slot Perforation.

Prices on application.

WIRE STITCHING MACHINE No. 21.



For stitching books, pamphlets, etc., up to a thickness of 1-inch.

Arranged for both hand or foot power. Will stitch either through the centre of fold or through the back.

For soft paper, No. 26 gauge staples, and for hard paper, No. 23 gauge staples should be used.

Being arranged for foot-power the operator has both hands free to manipulate her work, thus increasing the output considerably. The machine requires very little foot-power to work.

Price £4 4s.

WIRE STITCHING MACHINE No. 5.

FOR HAND POWER.

For stitching books, pamphlets, &c., up to the thickness of to inch.

Will stitch either through the fold or through the back. This machine is well adapted for binders who require an efficient machine for occasional work.

Staples for these machines, No. 26 gauge.

Price £2 12s. 6d.



PRICE OF STAPLES per 1000.

		PRIC	E.			t		PRIC	E.		
Size		i%.	1	Y ^B s	1	Size		23	4	3.6	1
No. 26	***					No. 23		3 d.	31d.	4d.	4 d.

The staples are supplied filled on wooden sticks, which hold 400 of the thin ones or 300 of the stout ones. These sticks are charged \{\frac{1}{2}d\}, each, but may be returned for refilling.

WIRE STITCHING MACHINE No. 8.



FOR HAND OR TREADLE POWER.

Makes its own staples direct from the reel.

This machine will stitch any thickness up to $\frac{1}{2}$ -inch. Will stitch single sections through the fold, or bind several sections together by stabbing them through the side.

To work wire from No. 20 to No. 30 gauge.

Specially recommended for use when the bulk of the work is thin. (No. 6 machine, shown below, is preferable when the majority of the work consists of thick stabbing).

					PRIC	ES.		£		d
No.	8	•••		•••	•••	•••	 	15		
No.	8.	with iro	n star	ıd, tabl	e, and	drawer	 	16	10	0

WIRE STITCHING MACHINE No. 6.

Makes and cuts its own staples.

Will stitch as in No. 8. The machine is of solid and simple construction, and will work wire from No. 20 to No. 30 gauge. It is fitted to clench the wire either inside the fold or at the back of it.

The powerful yet easy treadle motion does not fatigue the operator on these machines even when stitching thick work.

Price £21

Particulars of Wire-Stitching Machines for securing the joints of flat, square, or tubular

CARDBOARD BOXES,

sent upon receipt of advice stating the class of work proposed to be done.

For Prices of Wire, see page 82.



WIRE STITCHING MACHINES Nos. 4 and 4a.

FITTED FOR STEAM, OR STEAM AND TREADLE.

These Machines will make various different sizes of stitches, wire from No. 30 to No. 20 gauge, and will work any thickness up to 1/8-in. in the No. 4, and I-in. in the No. 4a.



These are the most generally useful machines on the market. They are well adapted for every class of stitching or binding. The amount of work the machine will do is only limited by the rapidity with which the operator can feed the work in.

Make their own stapies.

For very hard paper the No. 4a Machine is preferable.

The machines are very strong and simple, and there is

No exchange of parts when adjusting

for the various thickness of books or wire.

PRICES.

				£	8.	d.
No. 4, for steam power	 	 		32	10	0
No. 4a, for steam power	 	 		35	0	0
No. 4, for both power and treadle	 • • •	 • • •	• • •	34	5	0
No. 4a, for both power and treadle	 	 		36	15	0

Nearly 7,000 of these machines have been sold, and are giving general satisfaction.

WIRE STITCHING MACHINES Nos. 7 and 7b.

No. 7, FOR HAND OR TREADLE POWER.

Takes the Wire direct from a Reel, and makes its own staples, but in one size only.

Specially adapted for thin pamphlet work up to 3.-in. Will work wire from No. 30 to No. 24 gauge.

PRICES.

									-25	3.	ď.
No. 7									7	10	0
140. /	***			• • •			***	 • • •		10	0
NI - 7	:	atam d	and L	polished	Anhl-		January		0	0	0
140.	on iron	stand.	with	ponsneu	table	ama	drawer	 	-	U	U

No. 7B. FOR HAND OR TREADLE POWER.

A similar Machine to the above, taking the Wire direct from a Reel, and making its own staples in two sizes.

Will stitch any thickness up to γ_6 in. This machine will work wires No. 30 (thin) to No. 21 (thick) gauge, and is arranged to make two sizes of stitches in width \$\mathbb{l}\$-in. for thin, and $\frac{1}{2}$ -in. for thick work.

PRICES.

Fitted to screw on bench	•••	***		10 0	
Mounted on iron stand, fitted	with	polished table, a	nd a		
drawer for small tools				11 10	0



No. 7, without Stand.

NOTE.—The Automatic Machines effect a saving of from 50 to 75 per cent, in the cost of wire, as compared with the cost of ready-made staples used with the other Machines, Nos. 2½ and 5.

For Prices of Wire, see page 82.

WIRE FOR STITCHING MACHINES.

The Wire is supplied wound on spools, either on small ones holding about 4 lbs. each, or on large spools holding about 12 lbs. each.

The small spools are charged 1s, each, and the large spools 2s. each, and can be returned (carriage paid) for refilling.

For the convenience of Country Customers and Exporters, the wire can be wound in coils to fit the detachable spools as illustrated below.



Price of above Detachable Spools, 4s. net.

Remove flange "C," slip coil of wire on spool (the binders of the wire to pass into the grooves in the body of the spool "B"), then fasten the flange on the top, cut the binders, turn them well back, or draw them carefully out altogether, and the spool is ready for use. For each thickness of wire used, a detachable spool is required, because the binders of the coil being cut, there is nothing to hold the coil in position when taken from the spool, and consequently the coil will collapse and become useless if it is removed. For refilling these spools, the wire is supplied in coils, which does away with all returning of spools.

PRICES.

Tinned or Galvanised Iron Wire.

Net price per lb.	•••	Gauge 20 3½d.	•••	21 3½d.	•••	$3\frac{3}{4}$ d.		23 4d.	•••	24 4½d.	• • • • • • • • • • • • • • • • • • • •	25 5d.	•••	$5_{2}^{1}\mathbf{d}$.
		Net price per lb.			Gau	ge 27 6d.	•••	28 6 ½ d .		30 7d.				

Special Steel Wire for very hard paper.

Special Steel Wire can be supplied at approximately 50% on above prices.

For Prices and full particulars of Staples, see page 79; for Hand and Power Perforating Machines, see pages 77 and 78; for Stabbing Machines and Sewing Presses, see page 106; for Hand and Treadle Lever Paging Machines, see pages 88 and 89.

FURTHER INFORMATION UPON APPLICATION.

HAND DATING STAMPS.

THE "EXCELSO" DATER.



Our self-inking Dater is a very superior article, and has stood the test of hard work in our own as well as in many other offices throughout the country. It was originally specially designed to meet the requirements of the National Health Insurance Commissioners, but it is no less useful for dating all kinds of matter, and being self-inking and very light and compact, great rapidity, combined with excellent impressions, can be obtained by a novice. The frame is of Gun-Metal, Polished and Nickle Plated. The wheels are made of special hard Gun-Metal, Hand Engraved not cast—with dates for 30 years. Fitted with Steel Gauge and special Spring Catch to Pad Holder, ensuring Clean and Perfect Impression.



The Regulations issued by the Insurance Cammissianers for the cancelling of National Health Stamps under the National Insurance Act, 1911, are stated below.



Style of Figures 20.JUL.13

THE "ROTHBURY" DATER.

Designed to meet the requirements of the National Health Insurance Commissioners.

This is a cheap Hand Dater, with revolving Gun-Metal wheels on which the dates are engraved by hand. It is exceptionally strong, and the alteration of the date is effected more rapidly than on any other pattern. There is no self-inking attachment.

Price ... 7s. 3d. complete.

THE METALLIC STAMP CANCELLING OUTFIT.

The following is an extract fram the Regulations issued by the National Health Insurance Cammissioners:

"The employer is required, immediately after affixing a stamp to a card, to cancel the stamp in ink or stamping with a metallic die with black indelible ink across the face of the stamp the date upon which it is affixed. Aniline inks must not be used when cancellation is effected by means of a metallic die. Rubber Stamps are not allowed."

The Outfit consists of Box fitted with Pad; Tin of Ink; Dates, Jan. to Dec.; Figures, 1 to 31 and Years 1913 to 1916 (48 logotypes); Nickle-plated Holder; Pair of Tweezers; and Ink Distributer.

Only 3 logotypes have to be manipulated in changing the date. 12 Jan. 1913 Only 3 logotypes have to be manipulated in changing the date.

Exact size of Stamp and facsimile of Metallic Stamp.

PRICES.

Complete Outfit		***			 •••	3	6
Replacement Box	k with	Pad and	Type	Rack	 	1	0
Tweezers		***			 	0	9
Tin of lnk		***		***	 ***	0	9
Ink Distributer		***			 	0	2
Logotypes					 each	0	1



BATES AUTOMATIC HAND NUMBERING MACHINES.

Models 48 and 50.





Figures same Size as Model 50

6 Wheels.

Price ... £2 2s. net

A DEPARTURE.—In the manufacture of these models no effort has been spared to perfect them in every detail and they may truly be said to represent the highest achievement in the art of numbering machine construction.

Instead of the customary iron or brass frames and brass cases, all metal parts are made of **steel**, contributing rigidity and strength with minimum weight.

The wheels and ratchets are divided into equal tenths, thus assuring absolute accuracy of movement.

DEPRESSIBLE WHEELS.—"Drop ciphers" with their springs and pins have been eliminated, and the wheels themselves are made depressible to provide the necessary spaces preceding the unit wheels.

PROTECTED PLUNGER.—The plunger, which is made of Bessemer steel is shielded from view when in its normal position and will never present the unsightly appearance of the brass plunger with the nickel partly pealed off.

SELF-INKING.—The figures are automatically inked before each impression.

CAPACITY.—Both of these models are made with six

Model 50.

123456
FAC SIMILE IMPRESSION
6 Wheels.

Price ... £2 2s. net

wheels with a numerical capacity of from "1" to "999,999" and may be re-set to commence at any number. Can be had in three styles of figures as shown under Model 49a.

MODEL 48 has been specially designed for work where the numbering is irregular in character. For instance, it is quite possible to have a machine that will number in duplicate, in triplicate and even quadruplicate, but even then all the ground is not covered, and it is better policy to have a machine that is comparatively simple in construction and which will take care of all classes of numbering, rather than a machine with a number of complicated movements and which can only be utilised to a very limited extent.

MODEL 50 is designed for numbering which proceeds on regular lines. It is provided with three actions and will number consecutively, in duplicate, and repeat. These changes are very easily affected by moving up or down the two little knobs which appear at the sides of the front plate until the word representing the class of numbering desired is shown in the window of the front plate (see illustration).

LETTERS AND FRACTIONS.—These can be provided at a small additional cost, also special movements.

Model 49a.

This little machine is an improvement on the Model 49 previously brought out. It is made with a heavier steel frame, the figures are engraved deeper and all-round changes have been made in the construction, thus placing it in the front rank of the cheaper machines. In fact, in design, construction, and finish it is unequalled even by those listed at a much higher price by other makers. Fitted with Consecutive Duplicate and Repeat actions. Can be had in three styles of figures as shown.

INK.-1-oz. bottles, 1/-; 2-oz. bottles, 2/-; ½-Ib. Cans, 8/-. Pads, 6d.

Model 49a.



Patented U.S. and Europe,

Style A. Style H. 314752 123450

12345

5. d.

6 wheels Style A ... 1 1 0 net
6 wheels Style H ... 1 1 0 net
5 wheels Style G ... 1 1 0 net
6 wheels Style G ... 1 10 net

THE "BATES" TYPE-HIGH NUMBERING MACHINE.

Number while you Print.

Save 100 per cent.

Superior Numbering with Cost Eliminated.

Absolutely Accurate.

Fully Guaranteed.

PRINTING AND NUMBERING. ONE OPERATION. By the use of the machines which are described hereunder, the second operation of numbering is entirely eliminated.

YOUR ESTIMATE WINS.—When preparing an estimate, the numbering -which costs you nothing - will frequently secure the job, and what is more important, makes a customer.

SPECIALITIES MAKE MONEY.—The great printing and stationery houses have all utilised some speciality as a foundation upon which to build a business.

BE A SPECIALIST.—A small investment in these machines will place you in a position to compete with specially equipped plants for printing and numbering bank cheques, orders, tags, omnibus, tram, and railway tickets, luggage labels, ballots, sales books, ball, theatre and park seat tickets, money orders, pawn tickets, church collection envelopes, milk and fuel cheques, hotel and restaurant bills, manifold work, etc.

GOOD NUMBERING. The quality of the numbering is limited only to the quality of your press work far superior to the work of any treadle or hand numbering machine, for the modern press affords perfect ink distribution, uniform impressions and accurate register.

MONEY SAVED.—You would save the transportation charges, waste and delays unavoidable when sending jobs away to be numbered, and complete them under your own supervision without exposing the name of your customers.

MONEY MADE.—Your investment is quickly returned, directly and indirectly. Two or three fair-sized jobs represent its entire cost, and the loss or gain of one customer means much more.

QUALITY GUARANTEED.—This entire line is strictly high-grade. Only the best materials and the highest order of mechanical skill are employed in their construction. Every machine is fully guaranteed and with ordinary care will do absolutely correct numbering and give entirely satisfactory service for many years.

Model No. 27a.

FOR GENERAL JOB WORK.—HOW IT IS USED.—A type-high automatic numbering machine, designed to be locked in the chase with the forme, wholly surrounded by type matter or used separately to print numbers only.

MODEL. 27a · Price £2 2s. each.

ENTIRELY AUTOMATIC. - Every figure disc is automatically advanced in consecutive order from 1 to 99,999.



Nº 12345

New Model, No. 27a, with fac-simile impression. Size 14×12 inches.



View showing parts detached for cleaning.

QUICK CLEANSING.—May be taken apart in an instant for cleansing—without removing any screws—and is as quickly assembled again. See illustration.

STEEL FIGURES. The figures are cut upon steel wheels and are practically indestructible. Only the size and style of figures shown are carried in stock; others are made to order at an extra charge.

SERIAL NUMBERING.—Letters engraved upon extra plungers or steel slides may preceed the figures, instead of the prefix "No." Letter wheels are also furnished.

CHEQUE NUMBERING.—For numbering cheques, orders, strip tickets, and other jobs with several formes to a sheet, "skipping" unit wheels are furnished, which are interchangeable with regular unit wheels. Any number may be skipped.

PRICES FOR EXTRA INTERCHANGEABLE PARTS.—Letter wheels (10 letters), 10/- each net. Skipping unit wheels, 9/6 each net. Letter slides, 1 letter, 2/- each net.

Model No. 28a.

FOR GENERAL JOB WORK.—This machine is the same in every respect as Model No. 27a, except that it is made with six, instead of five wheels. Capacity, 1 to 999,999. Size $1\frac{5}{6} \times \frac{15}{16}$. Price, £2 10s. 0d.

Model No. 29.

FOR NUMBERING CASH SALE BOOKS.—Same construction as Model No. 27a, but designed to Μō 35 number consecutively from 1 to 50 or from 1 to 100, and upon reaching the limit of its capacity, automatically changes to 1 and repeats without resetting. "0" is usually made to represent 100, thus requiring but two wheels-a serviceable construction which is recommended. Same machines numbering backward if desired The most durable machine for this purpose ever produced.

SIZES AND PRICES—Two wheels $1_{16}^{7} \times \frac{7}{6}$ inch., £2 2s. 6d.; three wheels, $1_{8}^{6} \times \frac{7}{6}$ in., £2 18s. 6d. Extra plungers engraved with letters or grooved for letter-slides, 5/- each net. Letter-slides, 2/- each net. This model is also made with figures of Models No. 27 and No. 32 without extra charge. Size 11 × 7 in.

Model No. 31.

FOR NUMBERING PAWN TICKETS, LUGGAGE LABELS, ETC .- An automatic machine made with any size figures from one-quarter inch to one inch in height. The design and construction is the same as Model No. 27a. All of these machines are more than type-high, but are used with complete success on ordinary printing presses by mortising the bed or readjusting the platen. In mortising the

bed (which need not weaken the press in any way) the machinist fits an iron block which is inserted and the mortise closed when it is desired to use the press for regular work. The numbering is far superior to any hand or paging machine work, and by working several machines to a forme, the cost is reduced to a minimum.

SIZE AND PRICE.—Machine with 6 wheels, $\frac{3}{6}$ in. figures; length 3 ins.; width, $2\frac{5}{3}$ ins.; height, 1.390 ins. £11. Other sizes subject to special quotation.

Model No. 32.

12345

FOR PRINTING WAITER NUMBERS ON RESTAURANT CHEQUES, ETC .- A type-high non-automatic machine, made with steel figures, which are set by hand, without unlocking the forme. It is designed to take the place of type which must be frequently changed in the forme. It effects a great saving of time, and obviates the destruction of type by being constantly removed with tweezers. Size, $1 \times \frac{15}{16}$ in. Price £1 10s. 0d.; 6 wheels, £2 0s. 0d.

Model No. 33.

FOR DATING CHURCH ENVELOPES, TICKETS, ETC.—A type-high dating machine designed to be locked in a forme. Steel wheels are engraved with dates for twenty years, and set by hand as required, without unlocking the forme. Size, $1\frac{1}{4} \times \frac{15}{16}$ in., price, £2 2s. 6d.

TICKET AND COUPON NUMBERING.-If the formes are too small to include the machines, the stock is cut twice the required size, and while the former is printing one half, the machines number the other half. At the second feeding, the sheets are turned and the numbers are thus printed in the spaces allotted to them while the former prints around the numbers made at the first feeding. This is merely the well-known method of "work and turn."

TO ELIMINATE "NO."—"Friskets," usually consisting of pieces of cardboard, may be so attached to the grippers or to the tympan as to receive the impression of the prefix. If the numbers are worked in a colour, sections may be removed from an ink roller, thus leaving the prefix uninked.

NUMBERING BACKWARDS.—All models are made to number backwards (to avoid turning the sheets or reversing them afterwards) without extra charge and can be obtained immediately.

SPECIAL WORK.—Machines made to repeat any number of times and then advance automatically or to skip as many numbers as required at each impression. Special numbering mechanism for rotary printing machines of any size or speed. Quotations upon request.



CHEAP MODEL TYPOGRAPHIC NUMBERING MACHINE, Model No. 25.

This Model has been produced to meet the demand for a cheap and at the same time reliable Machine. It is built on the same principle as Model No. 27a, although not so well finished, and can be recommended where first cost is a consideration. Many thousands of these machines have been sold and they have given great satisfaction.

PRICES.

					む	3.	a.
Five Wheels	 	•••	•••		1	1	0
Six Wheels	 			• • •	1	5	0

"A.B.C. EXCELSO" PATENT AUTOMATIC HAND NUMBERING MACHINE, WITH TWENTY-ONE ACTIONS.



The absolute LAST WORD in numbering mechanism. Is not complicated. Simple to operate.

Reliable in action.

For NUMBERING from I to 20 times AUTOMATICALLY, and REPEAT,

The dial at the side of the Machine is engraved with the figures O to 2O, and the indicator can instantly be set at whichever figure is required, the figure on the dial indicating the exact number of times the machine will automatically repeat each number.

PRICES (Stock Lines).

Size of Figs.						4 Wheels.	5 Wheels.	6 Wheels.
C to F		• • •	•••	• • •		66/-	70/-	74/-
GG H	***	***	• • •	***	•••	70/-	76/-	82/-
I and J	• • •				•••	76/-	82/-	88/-

All Figures are Hand Cut Hardened Steel, equal to type. Each machine is supplied with Ink, Pads and full Instructions.

Extras, to Order only, can be supplied. Estimates for Special Combinations submitted.

A.B.C., 3, 4, & 5 ACTION AUTOMATIC HAND NUMBERING MACHINES.

With Dial Setting Movement. Clear Impressions. Perfect Alignment.

The BEST and CHEAPEST MACHINE in the World with Hand-cut, Hardened Steel Wheels equal to type.

For Numbering CONSECUTIVE, DUPLICATE, TRIPLICATE, QUADRUPLICATE, and REPEAT,

Each Machine is packed in box with 1 Bottle of Ink, 2 Reserve Pads, Pointer and Distributor, and full instructions. Every Machine is Guaranteed, and all Sizes are in Stock.

Price of Three Action Machines.

					4 Wheels.	5 Wheels.	6 Wheels.
Sizes	of Figures C to F	 	 		50/-	54/-	58/-
**	" GG " H	 • • •	 • • •	• • •	54/-	60/-	66/-
	l and]	 	 		60/-	66/-	72/-

All Machines number from 1- without or with preceding Zeros.

Patent Automatic Cyphers to number from No. 1, are fitted at 6/- each. Each Additional Action 6/- extra.



No More Shorts. Can be Read at a Glance. Easily Fixed. Thoroughly Reliable.



PATENT "EXCELSIOR" COUNTER

No complicated mechanism to get out of order.

Adaptable to all classes of Cylinder and Lithograph Machines.

Once Fixed will last for years without Repair.

The most up-to-date contrivance on the market. By simply unlocking padlock and turning a small lever on the side of Counter, the figures can instantly be set back to start a fresh job.

Price £2 12s. Od.

Complete, with every appliance for immediately fixing to machine, with full and complete instructions.

Can be supplied with Index showing on Top, Front, or Top Corner.

HAND LEVER NUMBERING MACHINES.

With Front Gauge-Board and Two Gauges. Will take a sheet twelve inches in length. Fitted with Gun Metal Wheel. Works alternately and consecutively. Either Machine fitted to work Duplicate, 7/6 extra.

Figures as styles Nos. 2, 3, and 4, shown below.

													to	5.	d.
With	three V	Wheels,	numberin	g up	to 999			 	•••		•••	•••	5	10	0
**	four	**	**	**	9,999	•••	•••	 •••		•••	•••	•••	6	5	0

HAND LEVER PAGING MACHINES.

DOUBLE ARM MOVEMENT.

Will take a sheet 21 inches long. Fitted with Gun-Metal Wheels, and prints Consecutive, Alternate, and Duplicate. Triplicate Wheels, if fitted, 7/6 extra.

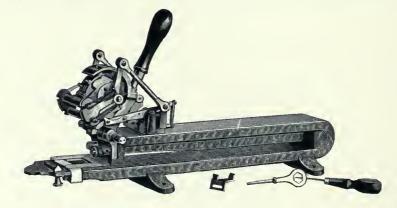
Figures as styles shown below.

									25	3.	a.
Five Wheels, with Fittings	 	 			• • •			•••	8	5	0
Six " " "	 	 	•••	•••		•••	• • •	•••	9	0	0
Extra Set of Five Wheels	 	 	•••	•••	•••	•••			3	15	0
" " Six Wheels	 	 	•••	•••		•••	•••	•••	4	10	0

HAND LEVER PAGING MACHINES.

DOUBLE ARM MOVEMENT,—CLASS A.

Will take a sheet 21 inches long. Fitted with Unit and Tenth Wheels of Steel, the remainder of Gun-Metal. Prints Consecutive, Alternate, Duplicate, and Triplicate. Letter Alphabet may be fitted to print in line with the Figures, at 1/6 per letter extra. Special quotations given for Machines with larger Figures. Any special character Figures cut to order.



																~	٠.	
Five V	Wheels,	with	Fittings	in Box	• • •		•••	•••	•••	•••	•••	 •••		•••	•••	10	10	0
Six	**	**	**	**	• • • •	•••		•••		•••		 • • •		•••		11	5	0
Extra	Set of	Five	Wheels	•••		•••		•••	•••			 • • •	•••	•••	•••	5	5	0
••	**	Six	**		•••	•••	•••		•••			 	•••	• • • •	• • •	6	0	0

SPECIMENS OF FIGURES.

No. 1. No. 2. No. 3. No. 4. 379 248 563 759

HAND LEVER PAGING MACHINES.

DOUBLE ARM MOVEMENT. CLASS A.

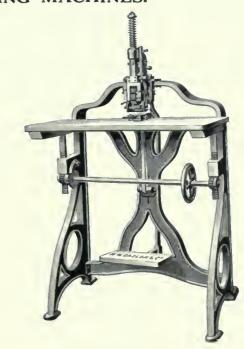
On Iron Stand with Shifting Head, and Rising and Falling Bed.

The Unit and Tenth Wheels are of Steel, and the remainder of Gun Metal. Prints Consecutive, Alternate, Duplicate, and Triplicate. Will take a sheet any length. Figures as styles Nos. 1, 2, 3, and 4, shown below.

•												£	i.,	d.
Five 1	Wheel	, with	Fittings	in Box		 		 	 	 	 • • •	16 10	0	0
Six	**	**			***	 		 	 	 	 • • •	17 !	5	0
Extra	Set of	Five	Wheels	• • •	***	 	• • •	 	 • • •	 	 • • •	5 !	5	0
**	11	Six	**			 		 	 	 	 	6 (0	0

TREADLE PAGING MACHINES.





. 1. No. 2

No. 1 Treadle Paging Machine, on Pedestal, fitted with Rising and Falling Bed, and Gun Metal Wheels, Ink Duct and Gauges. Prints Consecutive, Alternate, Duplicate and Triplicate.

														25	E.	a.
Five	Whee	ls, wit	h Fittings	in Box	 							 	 	17	0	0
Six	**	**		**	 							 	 	18	0	0
Extra	Set o	f Five	Wheels		 							 	 	3	15	0
**	99	Six	**		 •••							 	 	4	10	0
					Carr	iage no	ot paid	on Tre	eadle N	lachin	cs.					

SPECIMENS OF FIGURES.

					No. 6.	
379	248	563	759	643	324	071
				OIO	OLI	

No. 2 Treadle Paging Machine, on Frame or Stand, fitted with Rising or Falling Bed, Ink Duct and Automatic Tape Movement, and complete Set of Gauges. Unit and Tenth Wheels are of Steel, the remainder of Gun Metal. Prints Consecutive, Alternate, Duplicate, Triplicate, and Quadruple. Letter Alphabet may be fitted to print in line with the Figures, at 1/6 per letter extra.

							25	8.	d.
Six Wheels, with Fittings in Box	 ***	 	 	 	 ***	 	26	0	0
Extra Set of Six Wheels	 	 	 	 	 	 	6	0	0

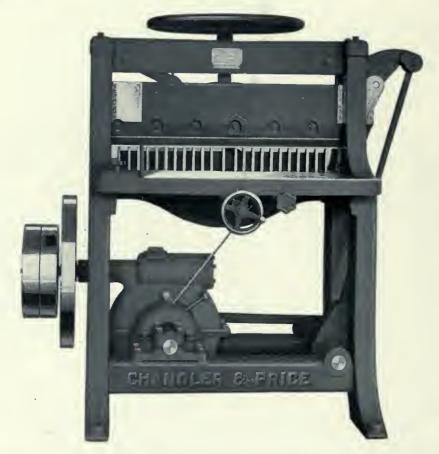
CHANDLER AND PRICE POWER PAPER CUTTERS.

FINEST MATERIALS. SIMPLE IN CONSTRUCTION.

STRONGLY MADE. EXCELLENT WORKMANSHIP. SUPERIOR FINISH.

We have profited by the marked success of our lever paper cutter and designed our new power cutter along the same lines. It is very simple in construction, having no extra parts, and all parts as nearly interchangeable as can be made. Every cutter is built as perfectly as experience and special machinery can accomplish, and thoroughly tested before it leaves the factory.

A deep throat and ample table permit the printer to cut thick "jogs" of large-sized sheets. We claim there is less danger in operating than with any other power cutter, as the controller knob must be pulled forward and then given a quarter turn before clutch engages with gear and knife descends. It never repeats, as the mechanism is so arranged that knife cannot fall, thereby preventing possibility of accident.



EXHIBITED AT OUR MODEL PRINTING OFFICE, CHISWELL STREET, LONDON, E.C.

The power mechanism comprises the worm and gear drive, the most powerful known in mechanics. Either belt or motor may be used to furnish power. Worm is keyed to worm-shaft, which ends in belt wheel. Worm drives gear-wheel, so that this terrific power is back of the knife when operator throws in the clutch. Worm-wheel runs in oil, being thus abundantly, lubricated at all times, besides making the cutter noiseless and easy running.

Knife is made of fine steel and is readily adjustable. Knife bar is hand-fitted to housings, which are 3 inches deep to insure the knife bar against any deflection caused by wear.

Clamping is easy by reason of extra large hand-wheel, and clamp fingers have a broad surface to avoid creasing of stock. Back gauge and clamp interlock, clamping as narrow as three-quarter of an inch. All gauges are accurately squared with the knife, and back gauge extends within one inch of side gauge, so small stock cannot slide by.

SIZES AND PRICES.

Cuts and Squares 30 inches ... £60 Extra Knife, £3 5s. Cuts and Squares 32 inches ... £63
Extra Knife, £3 10s.

Cuts and Squares 34 inches ... £70 Extra Knife, £3 15s.

CHANDLER AND PRICE POWER PAPER CUTTERS.

Legs, braces, table, and knife bar, being of very heavy pattern, do not spring under strain of deepest cuts. In fact, the construction throughout is the strongest possible and the materials the best obtainable.

A patent was issued July 14, 1908, covering the application of power to these cutters. The purchaser, therefore, obtains the latest improvement in power cutters.

We believe this cutter to be the best built. They are self-contained and leave factory ready to install. The workmanship is guaranteed to be up to the Chandler & Price standard. There are to-day many thousands of "Gordon" presses in use and not one has proved defective.

DIMENSIONS AND DATA RELATING TO CHANDLER AND PRICE POWER CUTTERS.

Shipping weight	***	1	30 Inches. 17 cwt. 3 qrs. 12 lb	98			32 Inches. 18 cwt. 3 grs. 01be	s	• • •	1	34 Inches. 9 cwt. 2 grs. 26 lbs.
Floor space { Wide Deep			58 inches				60 inches				62 inches
Ploor space Deep			61 inches				63 inches				65 inches
With table off can	be passed	through									
opening			34 inches				34 inches				34 inches
(Diameter			13½ inches				13½ inches				13½ inches
Pulley Speed			450 revolutions				450 revolutions				450 revolutions
Face			2½ inches				2½ inches				2½ inches
Belt width			21 inches				21 inches				21 inches
Horse power recomm	ended		2				2				2
Number of cuts per n	inute		20	•••	• • •	• • •				• • •	20

THE CHANDLER AND PRICE LEVER PAPER CUTTER.

The object aimed at when these cutters were first manufactured, was to accomplish everything possible on a lever cutter with the fewest parts and utmost simplicity of mechanism. Time and success in selling have demonstrated that we succeeded. The Chandler and Price Lever Paper Cutters are from two hundred to three hundred pounds heavier than other makes of cutters of same sizes, this extra metal being so distributed as to withstand strains. The legs, braces, table, and knife bar, being of very heavy pattern, do not spring under the deepest cuts, Housings 28 to 3 inches deep ensure the knife bar against deflection by wear, and make gibs, set screws, and other makeshifts unnecessary. A deep throat and ample table permit handling paper in quantity. Being perfectly counterbalanced it works quickly and with the minimum of effort. The back gauge and clamp interlock, clamping as narrow as five-eighths inch. The fingers of the clamp have a broad surface to avoid creasing the stock. All gauges are accurately squared with the knife. The back gauge extends to within one inch of the side gauge, and is divided and adjustable for book trimming or squaring small work. All parts are strictly interchangeable, and accurately fitting replacements may be ordered by number.

PRICES.

											IACS.
						£	8.	d.	£	a.	d.
23 inch	• • •		• • •	• • •	***	20	0	0	 1	18	01
26	***	***				26	0	0	 2	12	6
30			***			35	0	0	 3	5	0



SIZES AND WEIGHTS OF CHANDLER AND PRICE LEVER CUTTERS.

					Net						Gross		
Size, Inches.					CWIS.	qrs	. lbs.				cwis.		
25	 ***	***	• • •	***	/	3	9	***	 	 	10	0	24
26	 	• • •			8-	1	11	***	 	 	- 11	0	3
30	 				13	-1	0		 	 	17	1	13

SPECIAL FEATURES.

Interlocking Gauge and Clamp. Divided Back Gauge. Quick action. Great Strength. Absolute Accuracy.
Interchangeable Parts.

Cutting Sticks, 23 in. 5/-, 26 in. 5/9, 30 in. 6/3 per doz. Split Back Gauges furnished if desired.

CHANDLER & PRICE NEW SERIES PRESSES.

THE NEW SERIES PRESS is designed along approved scientific lines. The frames are box patterns with deep flanges, which, together with the proper distribution of metal, makes them exceedingly strong and rigid. The Roller Saddle rods and springs are enclosed in the Roller Frames, which are smooth outside and have no projections to catch and hold dirt. Both the Main Gear and Small Head and Lock Cam are heavier and have broader faces, insuring long life and the ability to stand up under the heaviest strain of fine forme printing. Upon the larger sizes, a hardened steel segment is inserted inside the Gear in the raceway of the Cam where the wear is greatest, making the gear wheel practically non-wearable. A Gear Guard prevents the soiling of paper by accidental contact with top of the Gear. The Side Arms are of steel, forged flat, and are provided with oil grooves and oil cups. The Fly Wheel is smaller and has straight spokes and heavy rim, and is properly proportioned to give the best balance. The Shafts are large, made of steel, and are ground true, thus reducing friction to its lowest terms, and ensuring smooth, quiet running.

All parts are accurately made to standard gauges, and are commercially interchangeable.



New Series Press. (14½×22 inches inside chase.)

Sizes and Prices.

Foolscap Folio.

Size inside Chase, 8×12. Including Patent Vibrator Roller.

£46

Dimensions of Platen, $9\frac{1}{2} \times 14\frac{\pi}{6}$ ins.; diameter of Disc, $13\frac{3}{4}$ ins.; Power recommended to drive Press, $\frac{1}{4}$ h.p.; space through which Press will pass, assembled, 36 ins., partially stripped, 27 ins., entirely stripped, 18 ins.

Crown Folio.

Size inside Chase, 10×15. Including Patent Vibrator Roller.

£64

Dimensions of Platen, $11\frac{1}{4} \times 18\frac{1}{8}$ ins.; diameter of Disc, $17\frac{1}{4}$ ins.; Power recommended to drive Press, $\frac{1}{4}$ h.p.; space through which Press will pass, assembled, 43 ins., partially stripped, $31\frac{1}{2}$ ins., entirely stripped, $21\frac{1}{2}$ ins.

Demy Folio.

Size inside Chase, 12×18. Including Patent Vibrator Roller.

£79

Dimensions of Platen, 13½×21¾ ins.; diameter of Disc, 20¼ ins.; Power recommended to drive Press, ½ h.p.; space through which Press will pass, assembled, 46 ins.; partially stripped, 36 ins.; entirely stripped, 25¼ ins.

Royal Folio (extra size).

Size inside Chase, $14\frac{1}{2} \times 22$. Including Patent Vibrator Roller.

£100

Dimensions of Platen. 15½ × 25½ ins.; diameter of Disc, 24¼ ins. Power recommended to drive Press, ½ h.p.; space through which Press will pass, assembled, 51 ins.; Partially stripped, 40 ins., entirely stripped, 29¼ ins.

The essentials of a perfect impression are weight and power, with correct balance and adjustment. The feet of the new Press are milled to make it stand level, which, together with the new Gear and Crank Wheel, steel crank pins, forged Side Arms and heavy steel Shafts, combine to produce a rigid, even impression with perfect register, yet all parts are so finely balanced and accurately adjusted that the impact does not cause undue wear of type and cuts.

Where exceptional distribution is required, it is provided for by the addition of the Vibrating Roller, which adds lateral distribution to the rotary distribution of the Disc. This simple device can be placed in position, or removed, as easily as an ordinary forme roller.

Because of its compact construction, the New Series Press is lower, making the forme and rollers more accessible, bringing the Platen within easy reach for make ready, and the feed tables to a convenient height for rapid feeding.

The New Series Press is painted a dark steel colour, without striping or other ornamentation, giving it a distinctive appearance, and making it easy to keep clean.

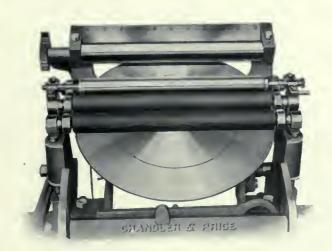
No effort has been spared to build a compact, rigid, durable, serviceable printing-machine, and this New Series Chandler and Price Gordon Press is presented with the confident assurance that it possesses the highest degree of Platen Press efficiency yet attained.

CHANDLER & PRICE NEW SERIES PRESSES.

THE CHASE is securely fastened by a thick iron bar running through the back of the Machine, regulated by a strong spring. There is no thumb screw to wear out, nor key to lose, and the action of the holding bar is such that it is impossible for the chase to fall out.

THE "CAM" ROLLER being made of hardened steel, will last as long as the machine, and not require renewing, as is generally the case.

THE INK DUCT is furnished with a fine steel blade operated by many screws to ensure the finest distribution of the ink. The Foolscap folio size, 8×12 in., has nine screws; the Crown Folio, 10×15 in., has eleven; the Demy Folio, 12×18 in., has thirteen; and the Royal Folio (extra size), 14½×22 in., has sixteen screws.



THE NEW VIBRATING RIDING ROLLER

is supplied with all machines sent out by us, and is included in the prices quoted. It is particularly useful and indeed invaluable in all work requiring exceptional distribution. It prevents streaking, and its action is equivalent to double rolling the forme.

Speeds.

Speeds at which the Chandler and Price New Series Presses will run, if desired, per hour.

 (8×12) , 2,600; (10×15) , 2,300; (12×18) , 1,800; $(14\frac{1}{2} \times 22)$, 1,500.

Accessories.

Each Press is furnished with Double Disc, Throwoff, Depressible Grippers, three Chases, Brayer, two Wrenches, two sets of Roller Stocks, one set of Roller Trucks, Treadle, one Roller Mould, and Patent Vibrator Roller.

Finally, these Machines, being the splendid result of many years' experience of the most enterprising and skilled manufacturers, whose object has ever been to attain perfection, may be relied upon to do most excellent work in printing of every description in colours, from photo-engravings, or light embossing.

SIZES AND PRICES.

	Shipping Boxi Weights. Ex	ing for port. Floor Space.	No. of Revolutions of Fly Wheel to Impression.	£ s. d.
Foolscap Folio, size inside Chase, 8 × 12 in.	1250 lbs 2	25/ 40½×48 inches	ı 4	46 0 0
Crown Folio 10 ×15	1800 3	30/ 47 ×55	6	64 0 0
Demy Folio 12 ×18	2400 ,, 3	55/ 55½×60 "	7	79 0 0
Royal Folio (extra size) " 14½×22 "	3100 ,, 4	2/ 621×67	8	100 0 0

The above prices are for foot and steam power, complete with ink duct, and are subject to the usual discount and terms.

All sizes kept in stock at the Casion Foundry,

Component parts supplied without delay.

Extra Chases for any of these Machines can be supplied, also Spider Chases for printing small formes. These machines are sufficiently strong to print larger formes if narrow Steel Chases are used, as given below.

RELATIVE SIZES OF CHASES (Inside Measurements) WITH PRICES.

	Iron Chase.		Steel Chase		Spider Chas	_	C	aut Ire	on a	nd Si	pider.		S	teel.	d.
F2 1 F2 14															
Foolscap Folio	8×12	• • •	8½×12½	 	4× 6			0	5	0			0	12	O
Crown Folio	10×15		101×151	 	5× 8			0	6	0			0	18	0
Demy Folio	12×18		13 ×19	 	6× 9			0	8	0		* * *	1	1	0
Royal Folio (extra size)	141×22		15 × 22½	 	8×12			0	10	0	***	***	1	3	0

THE ANGLO-AMERICAN "ARAB" PLATEN MACHINE.

THE BEST ALL-ROUND PLATEN MACHINE IN THE MARKET.

The ARAB Machine is almost noiseless in working; everything in it is fitted to make it so. There is but one pair of cog wheels in the machine, and the teeth of these are cut from the solid by a patent automatic tooth-cutting machine. The pair of wheels (the Arab wheel and pinion) are afterwards geared together, and slightly ground with powdered emery, to ensure perfect fitting of the teeth and silence when running.

The ARAB may be safely run at any speed to which the operator can feed. The daily output of the average platen

machine boy is at the rate of 1,200 to 1,500 per hour, without having recourse to the impression throw-off in order to prevent misprints on sheets that have been mislaid through attempting to feed too rapidly.

SIMPLE IN DESIGN. NO DELICATE PARTS.

Will Print the Finest and Ordinary Commercial Work equally Satisfactorily.

EASY TO FEED. SOLID IMPRESSION. HANDY TO MAKE READY.

At Work in Every Town in Great Britain.

OUTPUT ONLY LIMITED BY THE SKILL OF OPERATOR.

A Money Earner in the Largest as well as the Smallest Offices.

BEAUTIFULLY MADE OF BEST MATERIALS.
THIS ENSURES LONG LIFE.

Thousands in Use throughout the World.

WELL BALANCED. LIGHT RUNNING.
NOISELESS.

All the Best Printers are using the Arab for High-class Work.

FREE FROM BREAKDOWNS.

The floor space required for an ARAB Machine and Operator is 4 feet square.

The height of the ARAB, from the foot of the frame-side to the top of the take-off board, is 34 in.

Breadth from fly wheel to pulleys, 40 in.

The size of the Crown Folio chase is 15 by 10 in., and of the Foolscap Folio 13 by 9 in., inside measurements.

Each chase is planed both inside and outside, ensuring accurate locking-up and perfect fitting in the back platen.

The driving pulleys are 10 in. diameter, 13 in. face, and make five revolutions to one impression; thus a speed of 125 revolutions per minute will give 1,500 impressions per hour.

"ARAB" CARD CHASES

Can be supplied in two sizes— $6\frac{1}{2} \times 4\frac{1}{2}$ in. and $8\frac{1}{4} \times 5\frac{1}{2}$ in. inside measurements, for both Crown Folio and Foolscap Folio Machines. The price for each is 3/6 They are very handy, and are carefully made.

More Special Features of the Anglo-American "ARAB."

The Platen, by our method of working, has a long "dwell" during the impression, which very considerably reduces the wear on the type and machine. An additional "dwell" is also provided for feeding, which makes this quite a simple and safe operation.

Platen and Type Bed are both carefully machined, and afterwards as carefully hand-scraped perfectly level, the result being a considerable saving in the time required for making-ready.

Ink Duct, the handiest and most serviceable. Flow of ink regulated by a single screw. Can be cleaned and ink changed in less time than any other.

Impression Lever or Striker is on the left-hand side, and handy for operator. Impression can be thrown off or on instantaneously at any position of the Platen.

Impression is adjusted accurately and positively in a few seconds by merely turning a screw.

Swivel Feed Gauges superseding paste and reglet. Invaluable for quick and accurate working.

Friskets are readily adjusted, and can be laid on the work at any position of the Platen.

Blanket Holder of cylinder machine type, more reliable than clips and without their disadvantages.

Leather Bearers keep Rollers revolving, giving improved inking and preventing rule-cutting.

Brake connected with Belt Fork, stopping the machine instantly.

Gearing all accurately cut from the solid.

Side Rods forged from single bar of steel without weld.

Fly Wheel and Pulleys all solid, no arms or projecting keys to cause accidents.



The adjoining illustration shows the

NEW STYLE INK DUCT.

which is supplied with all ARAB Machines.

It is of far greater utility for a Platen Machine than any other Platen lnk Duct yet introduced.

It can be cleaned, and the colour of ink changed, in less time than any other style of ink duct.

While the machine is in motion the ink supply can be cut off. Should a different colour of ink to that in the duct be required for a short run, it is not necessary to clean up the duct in order to use that colour; the distributing roller has simply to be placed in position against the lever arm, and the connection between the duct and disc is severed.

When dispatching, each ARAB Machine is packed in parts, and not built ready for use, because there is less risk of breakage in transit, and much less trouble in getting it into the majority of offices where there is not a 10 cwt. crane.

Each machine is fully labelled in every part, and with the aid of the explicit printed instructions which are sent, any machine-man will be able to build it without the slightest difficulty or fear of erring. Battens 2 in. thick, 4 in. broad, and 30 in. long, should be under the machine to raise it from the floor, and to ensure its being level and light running. These battens should be placed lengthway with the machine, so as to be clear of the treadle.

The machine case, and the straw with which the machine is packed, should be returned, carriage paid, immediately the machine is unpacked.

SHIPPING MEASUREMENTS.-4 ft. 6 in. long, 3 ft. 4 in. broad, 2 ft. 8 in. deep.

GROSS WEIGHT.-Foolscap Folio, 11 cwt. 3 grs. Crown Folio, 13 cwt. 2 grs.

The ARAB Machine is packed in cases for all parts, which are returnable only from towns in the British Isles. Export cases are charged to purchasers at cost price, and are not returnable.

With all ARAB Machines for Export a few duplicate parts are sent. Each machine is packed in a strong iron-bound case, with rings attached to lift. Special care is taken in the packing, and risk of breakage by rough slinging at the quayside is curtailed to the utmost.

SIZES AND PRICES.

The Anglo-American "ARAB" is made in Two Sizes only-

Foolscap Folio (13-in. × 9-in. inside chase) £50. Crown Folio (15-in. × 10-in. inside chase) £62.

Supplied complete with Treadle and Power Fittings, Ink Duct, full set of clothed Rollers – three Inkers and one Distributor – spare set of four Roller Stocks, Rubber Blanket, Parchment Tympan, two Chases, two Roller Moulds, pair of Swivel Feed Gauges, pair of Down Friskets, Cross Frisket, set of three double-ended Steel Spanners, two Screwdrivers, Pliers, Tommy Pin, and Oil Can.

THE IMPROVED PATENT "PEERLESS" PRINTING PRESS.

Hundreds in use all over the World.

The most successful little Platen Machine for Small Work.

STRONG, HANDY, and WELL MADE. It can be worked at a greater speed than the most skilful operator can feed. This little machine is being sold in large numbers, and is found to be the most economical of the Jobbing Department. Used by the best Jobbing Printers and Christmas Card Manufacturers.

AN ENTIRELY NEW PATENT THROW-OFF MOTION HAS RECENTLY BEEN ADDED AND VARIOUS PARTS STRENGTHENED CONSIDERABLY ENHANCING ITS VALUE.



"Peerless Press."

PRICES.

		No	o. 1.						
							£	s.	d.
Size, inside Chase, 8×5	in.						17	10	0
lnk Duct						Extra	2	0	0
Steam Gear		• • • •	•••	•••	•••	**	2	0	0
Roller Mould, complete						,,	0	7	0

This Machine has two Inking Rollers.

io. 2.					
			£	s.	a
	 	•••	27	10	(
	 	Extra	2	0	(
	 			£	£ s. 27 10

 Ink Duct
 ...
 ...
 ...
 ...
 Extra
 2 0 0

 Steam Gear
 ...
 ...
 ...
 ...
 ...
 2 0 0

 Roller Mould, complete
 ...
 ...
 ...
 ...
 ...
 0 8 0

These prices include Patent Throw-Off Motion, one set of clothed Rollers, and extra set of Stocks, Hand Roller and Frame, two Chases and Wrench.

Carriage payable by purchaser.

A GOOD INVESTMENT.

Size, inside Chase, 11×7 in.

Runs as easy as a sewing machine. No. 1 will print up to 8×5 inches; No. 2, up to 11×7 inches. It is well made, and can be run by a boy at the rate of 1,500 to 2,000 impressions per hour. The platen is operated by a novel method. The "dwell" of the type on the sheet is long.

Gives a Solid and Clear impression.

Space occupied by No. 1 Machine, 2 ft. square; No. 2 Machine, 2 ft. 6 in. square.

THE "PILOT" PRESS.

The little HAND-PLATEN is most useful in the Jobbing Office particularly where steam power is not available. It is accurately and strongly made, and may be relied upon to work expeditiously and well.

JUST THE MACHINE FOR THE WINDOW.

Inside measurement of chase, $10 \times 6\frac{1}{2}$ inches. Furnished with one set of Rollers, one Wrench and one Chase.

Price £7

Extra Rollers and Chases supplied at the following prices: Rollers, ready for use, 4/6; Roller Stocks, 3/-; Roller Mould, 14/-; Hand Roller, 3/-; Chase, 3/-; Spider Chase, 3/-

All ordinary job printing can be done upon this press, and we recommend it for Address Card printing,

THE "PERFECT" SAFETY GUARD.

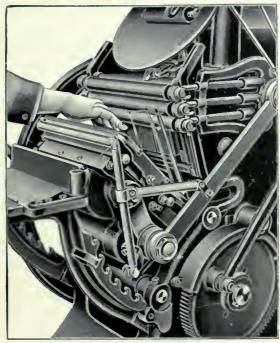
For Platen Printing Machines and Stamping Presses.

Patented in the United Kingdom and Abroad.

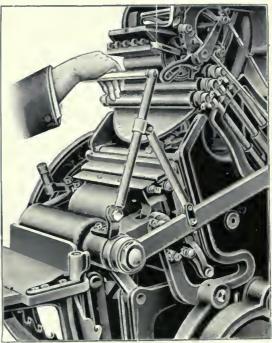
His Majesty's Inspectors of Factories have expressed their unqualified approval of its efficiency.

DESIGNED TO PREVENT ACCIDENTS.

By the adoption of the "PERFECT" SAFETY GUARD, the feeding of Platen Machines is made absolutely safe and free from the fear of Accident, thereby materially increasing the output of the Machine by the confidence felt by the operator, and by obviating the necessity for the hitherto too frequent throwing off the impression, or stopping the machine caused by irregular feeding.



The position of the Guard immediately preceding the taking of the impression, the hand of the operator being on the return journey.



Represents the hand as having been removed by the Guard after having been left too long between the platen and type bed.

ADVANTAGES OF THE "PERFECT" SAFETY GUARD.

- 1.—Impossibility of the hand being trapped between the Platen and the Type Bed.
- 2.—Does not interfere with the Feeding or Taking-off the sheets.
- 3.—Gives operator more confidence to run the machine to a greater speed than ordinary.

SPECIAL FEATURE.

The arm being hinged, will lift up with the slightest finger-touch underneath, so that the Feeder is entirely free from danger of being trapped in case he should get his hand underneath the lifting bar.

THE "PERFECT" SAFETY GUARD

is now working and giving entire satisfaction on the following makes of Platen Machines:—Chandler and Price Platen, Reddish Jobber, Golding Jobber, Colt's Armory, Granville, Minerva, Cropper, Bremner, Phœnix, Premier, Pearl, Model Prouty, Mitre, Empress, Arab, Liberty, Peerless, Sun, Universal, Columbus, Gordon, Express, etc.

PRICES.

Single Guard £1 15s. Double Guard £2 15s.

GAUGES, GAUGE PINS, FEED GUIDES, &c.

DOUBLE-GRIP GAUGE.

Set of three, including 6 extra flat tongues, 5/2.



In devising this gauge a new method of attachment was developed, no teeth, prongs, glue or paste being required to fasten it. It does not require pieces cut out of, or slits cut transversely in, the tympan; all it does require is a slit cut through the top sheet straight from the feedline one inch in length. Into this slit the under plate is inserted sidewise up to the screw-studs, and there fastened by the two nuts. Sufficient hold can be produced with the fingers for ordinary paper, as it is secured at two points along the slit, but for cardboard the key should be used. One-quarter inch adjustment is obtained with the inch slit, but more can be had by cutting the slit longer. By using a thick top sheet a most powerful hold is obtained. It does not injure the packing, and the tympan may be turned back, or its use repeated. The sheets cannot feed under the gauge-head.

PERFECT REGISTER GAUGE.

Set of three, including 1 doz. flat tongues, 5/2.



Register work, especially fine colour work, is probably the most trying and exacting of all that pertains to the printing press. This gauge is excellent for making very fine and quick adjustments, not only in starting, but in making changes in its position while running off the job. Machine men claim that adjustments can be made without stopping the machine. The gauge is fastened to the tympan by applying glue to the base. Adjustment is obtained by slightly turning the disk which moves the sliding part, or gauge head, backward or forward a much slighter degree. The full extent of adjustment is one-eighth of an inch. To hold the base on while drying, and to prevent sheets slipping under in feeding, the steel point is inserted in the tympan. The top sheet is the only one needed to secure. In removing gauge tear off from the rear.

SCREW ADJUSTING GAUGE PINS.

Set of three, including 1 doz. flat tongues, 4/2.



This gauge pin embodies two important features—one, the base which is fastened to the tympan by a stout prong, and the other, the gauge which is adjustable backward and forward on the base. The gauge may be adjusted to a fine degree at any time by simply turning the small nut at the rear of the base. Its maximum adjustment is one-half inch. To obtain a better hold than is secured by the prong alone, glue or wax may be applied to the open base. In attaching, the prong should be inserted a quarter of an inch below the feed line, and pushed home, the gauge being squared before bringing the prong up through. As few sheets may be used on the platen as desired. Flat tongues are used, and are held in the head of the gauge by a patented device.

ECCENTRIC STUD GAUGE.

Set of three, 3/-



This gauge is turned from a solid bar of metal, and is provided with a fixed lip instead of an adjustable tongue. The face of the gauge is round instead of flat. It may be recommended for its compactness. The gauge is made fast to the tympan by a nut, which draws a circular plate against the under side of the tympan, and binds the whole together as solid as a rock. It may be attached by raising the tympan and entering the screw from underneath; or, without raising the tympan, by cutting a slit and inserting the plate from above.

SPRING TONGUE GAUGE PINS.

5/- per doz. Set of three 1/8 Long or short tongues, 1/- per doz.



This gauge pin is treated the same as other styles having teeth adjustment, but its securing power is enhanced by the back supports. Any degree of margin, or none at all, is met by setting the tongue, which may also be run between lines, or in blank spaces. It is also a great help in preventing sheets or small cards sticking to the forme. It sometimes assists the grippers, and at other times makes the application of them unnecessary.

ORIGINAL STEEL GAUGE PINS.

2/6 per doz., 4 sizes.—Assorted, or either size.



As their name implies, these are the alpha of adjustable gauge pins. Their advantage lies in the gauge-head being double thick, and their construction such as to provide a broad, flat, even-feeding surface. The gauge corners are also rounded. The simplicity of these gauge pins ensures their general use.

GOLDEN STEEL GAUGE PINS.

1/8 per doz., 6 sizes.

No. 1 size is 12 points high; No. 2, 15 points; No. 3, 18 points; each with $\frac{1}{18}$ -in. lip. No. 4, 12 points, no lip. No. 5, 15 points, $\frac{1}{8}$ -in. lip. No. 6, 12 points, $\frac{1}{4}$ -in. lip.



To get the advantage of the adjustability of these gauge pins, insert the prong one-quarter of an inch below the line of feed. A single sheet of good strong paper is all that is needed to stick the prong through. The prong, when in the paper with the point brought up through, acts as a sliding bar, by which the gauge pin is moved backward or forward. Not till the gauge head is in the exact position are the teeth forced in.

GAUGES, GAUGE PINS, FEED GUIDES, &c.

FLEXIBLE SIDE GAUGE PINS.

2/6 per doz., with or without lips.



These Flexible gauge pins enable the machine-man to apply both grippers without having to consider the position or safety of the side gauge. They can be used as bottom gauges as well as side gauges, and are non-smashable in any position. They have teeth peculiar to themselves and are adjusted in the usual manner.

BRASS GAUGE PINS.

1/8 per doz., 4 sizes.



This is a tough gauge pin for tough work. Both points are stuck in at the feed-line and brought through.

EXTENSION FEED GUIDES.

4/2 per pair, including pair short guides and long tongues



When a sheet to be printed is so large that it about covers the platen, the tympan gauges cannot be used, and, for the want of just such a guide as this, many jobs are put on a larger machine at increased cost. These Extensions are fastened by the long and short guides.

SIDE GUIDE FOR CYLINDER MACHINES.



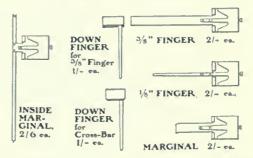
Has a point to one side, which is forced into the feedboard, upon which it is turned to get register.—2/- each.

AUTOMATIC REGISTER GAUGE.

(THE MEGILL PATENT.)

This gauge will not only produce absolutely perfect register, but will increase the output and save stock. It will allow the machine to be run at a higher rate of speed without the usual spoilage. No more space is occupied on the platen than by an ordinary side gauge beside the gripper. The wearing parts will last, being made of hardened steel. Only one spring is employed, and none of the parts can become detached. It is a most compact and reliable device, constructed on the interchangeable system, all parts being nickel plated, and it takes less than a minute to attach. Price 20/-.

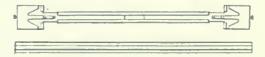
GRIPPER FINGERS.



These are made in various shapes to suit all platen machines. The Fingers that attach to the grippers are made in three sizes, which pertain to the attaching part. The sizes are \(\hat{k}, 1, \text{ and } 1 \right\) inch. In ordering, state size wanted, or 1 inch will be sent. The screws fasten either size to smaller grippers.

GRIPPER CROSS-BAR.

For all Platen Machines.



Consists of two 78" Fingers and Intermediate Sections.

Conforms to all dimensions between Grippers.

COMPLETE CROSS-BAR

For all size presses up to 10x15, 6/3 " " t3x19, 7/4, Larger 9/5.

This Extensible Cross-bar is a hundred times more effective than strings, and it supports the down fingers. Add these appliances to the grippers, and the highest degree of sheet pulling power is acquired. The fingers will do what nothing else can. They extend over the sheet partly in blank spaces and between lines, some from the side and others from the top.

WIRE PINS FOR SMALL MACHINES.

Single-Prong Gauge Pins, 1/- per doz.
Two-Prong Gauge Pins, 1/- per doz.
Hook Gauge Pins, 1/- per doz.
Iron Gauge Pin Drawers, 1/- each.—Size 2½×3½×¾ in.

The Latest in Platen Feed Gauges.

THE "COMPRESS"

Adjustable Feed Gauge for Platen Machines.

Offers an ingenious mechanical device designed to facilitate lay-on and to absolutely ensure register.



With Lever Adjustment,



With Rubber Adjustment.

ADJUSTMENT IS SIMPLICITY ITSELF.

NO PART OF GAUGE CAN PULL OUT DURING PRINTING

EQUALLY ADAPTED FOR PAPER OR BOARD.

READILY FIXED IN POSITION.

THE "COMPRESS"

Is a new patent lay gauge of easy adjustment controlled by scale.

No shifting, even when laying on the thickest paper or board.

Absolute register ensured.

The ideal gauge for three-colour work.

No possibility of sheets being pushed between gauge and its holder; no danger of tongue pulling out during printing.

The spring action of tongue facilitates rapid lay-on.

A broad base enables secure and quick attachment.

The gauge is durable, compact, pleasing.

Method of Use.

Secure the gauge with strong paste on to the bed, first bringing the line on the slide true with the centre mark on the scale on the lower part. Any alteration of the gauge forward or backwards may be readily made. The lower tongue is covered by the top sheet, or simply pressed into that sheet. To facilitate laying on, the top guide tongue can be pulled out according to the width allowed by the platen bed until close to the forme impression without any risk of injuring type. The lever simultaneously secures both the slide and the guide tongue.

Protect the gauge by filling out the surrounding paper to a reasonable height. The flanges of the slide should be kept free from the adhesive. Should the tension become slack, a half turn of the nut will put it in order. If the gauge be taken to pieces great care must be taken to put it together again correctly. With careful handling the gauge possesses almost unlimited durability.

PRICE.

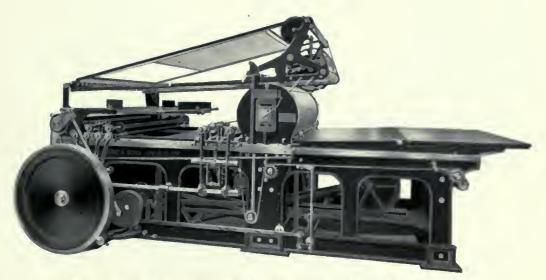
- (1) With lever adjustment, per box of 10, 7/- Sample pair 1/6 post free.
- (2) With rubber adjustment, per box of 12, 4/- Sample pair 10d. post free.

"The British Printer," Vol. XXV, No. 145, April, 1912, says:

"We have tested a new feed gauge for platen machines" [The "Compress" Adjustable Feed Gauge]"... and find this decidedly effective in use. As a lay gauge it well warrants the attention of colour printers, for it facilitates not only rapid laying on but the closest of register. The illustrations herewith show the two kinds made. One is adjusted by a lever, the other by a rubber fitting. The device is simple in construction and operation, and reasonable in price. Samples should be obtained for individual tests."

PAYNE & SONS' PATENT IMPROVED WHARFEDALE CYLINDER PRINTING MACHINE.

ILLUSTRATION OF PATENT PERFECTION MACHINE FITTED WITH ALI. EXTRAS INCLUDING CONTINUOUS DELIVERY.



Payne's Wharfedale Printing Machines. H. W. Caslon & Co. Ltd., Agents.

SIZES AND PRICES.

When Machine is fitted with Balanced Flyers, Double Driving Gear, Double Traverse Wheels and Racks, Double Rolling Motion, Patent Cylinder Brake, Patent Automatic Cylinder Check stopping Feed Board and Grippers at same time as Cylinder, two sets of Roller Stocks, Roller Moulds, Blanket Keys, &c.

				in.	in.		Width een B		i. ·		loor		in.				tons	cwt.	qrs.	lbs.		£	s.	d.
Crown Folio				15	$\times 10$	• • •	191	• • •	4	91	×	3	101		3	cases,	. 1	1	2	3		90	0	0
Demy Folio			• • •	17	X11}		21#		6	0	×	4	2		3	**	- 1	9	0	21		105	0	0
Crown				20	×15		23%		6	4	×	4	5		3		-1	14	-1	14		125	0	0
Demy				22]	×171		261	٠	7	6	×	4	8		5	**	2	4	2	21		145	0	0
Royal	• • •			25	$\times 20$		30		8	10	×	5	5		7	**	3	6	3	0		170	0	0
Double Crown				30	$\times 20$		341		8	10	×	5	10		7	**	3	9	-1	25	• • •	190	0	0
Double Demy				35	$\times22\c{1}{2}$		391		10	0	×	6	3		7	**	4	6	3	24		225	0	0
Double Royal				40	× 25		441		11	0	×	6	91		8	**	5	4	0	26		260	0	0
Quad Crown				40	$\times 30$	• • •	441		12	113	×	7	31		9		6	10	3	19		285	0	0
Extra Quad Crov	wn			45	$\times 30$		491		12	113	×	7	81		9	9.9	6	18	3	5		310	0	0
Quad Demy				45	×35		491		13	5	×	7	9		9	99	7	12	-1	24		335	0	0
Extra Quad Den	ny			50	× 35		551	***	13	5	×	8	2		9	**	8	3	3	27		360	0	0
Quad Royal		• • •		50	$\times 40$		541		14	7 }	×	8	3		10	**	8	15	3	21		385	0	0
Extra Quad Roy	ral			55	$\times 40$		594		14	71	×	8	8		10		9	5	0	25		410	0	0
Double Quad Cr	own			60	$\times 40$		647		14	7 }	×	9	1	• • •	12		9	9	1	3		435	0	0
Extra Double Qu	uad C	rown		65	$\times 40$		697		14	74	×	9	6		12	**	9	19	2	0		465	0	0
Double Quad De	my	***		70	×45		731		16	01	$\times 1$	0	11		12	**	11	4	0	0		500	0	0

PRICES DO NOT INCLUDE CARRIAGE.

EXTRAS.

The following can be fitted to each Machine at an extra cost: Geared Inking, Geared and Nested Distribution, Air Buffers, Steel Ink Knife, Lifting Inkers, Stopping Ink, Pointing Apparatus, Continuous Sheet Delivery.



IMPROVED PROOF PRESS.

The best Proof Press on the market, designed for use of Printers and Photo-Engravers. The principal features are its enormously massive construction, the ball joint, and case hardened steel toggle action of the piston, the smooth running of the table, the excellence of workmanship and design, and absolute accuracy.

		Siz	e of Platen			
			inches	£	5.	d.
Double Demy			36×23	 66	0	0
Double Crown	•••		$34 \times 22\frac{1}{2}$	 58	0	0
Super Royal			29×21	 46	0	0
Royal			$26 \times 20\frac{1}{2}$	 44	0	0
Demy			24×18	 40	0	0
Crown Broads	ide		21×16	 33	0	Ó
Foolscap			$19 \times 14\frac{1}{2}$	 30	0	0
Demy Folio			18×12	 25	0	0
Post Folio			16×11	 23	0	0
Foolscap Folio			15×10	 21	0	0

Improved

INCLUDING TWO SPRINGS AND BRACKET.

This Press has many advantages over the old "Albion." The main features are: Strengthened Rib behind each column; Piston is fitted with elongated Toggle Action, which is made of Steel and casehardened, and also fitted with Steel Ball Joint in place of the old-fashioned connecting rod, giving much easier motion and eliminating wear; also the Press is of heavier construction.

	5	ize of Platen				
		inches		£	S.	d.
Double Royal		40×23	• • •	65	0	0
Double Demy		36×23		55	0	0
Double Crown	• •	$34 \times 22\frac{1}{2}$	•••	50	0	0
Super Royal	••	29×21		45	0	0
Royal		$26 \times 20\frac{1}{2}$		40	0	0
Demy		24×18		35	0	0
Crown Broadside		21×16		26	0	0
Foolscap Broadside	е	$19 \times 14\frac{1}{4}$		23	0	0
Demy Folio		18×12		18	0	0
Post Folio	• •	16×11		14	0	0
Royal 8vo		10×7		9	0	0



PRINTING INKS.

	BLACK INKS.		COLOURED INKS.	,
Jobbing and News	p doz. lbs. 6/- 9/-	s. d. 12/- & 15 0	Best quality	
	,, 8/-		Second ,, ,, 5	_
Book	,, 18/- 24/-	30/- ,, 36 0	Posting	6
	,,		Varnish, thin	6
Fine	,,	48 0	" middling " 3	0
Extra Fine	,,	60 0	" strong " 3	6
Superior Woodcut	,,	90 0	Bronzes 1 oz. 6d. to 2	6
Lithographic lnks		8 8 4 10 0	Preparation for working do 4/- 5/- & 6	0

INKING TABLES.







Pedestal.

Common Brayer.

face and Brayer 2 10 0

		3.	
Cylindrical, Extra size 31 ×14½ in	7	0	0
Common size 271×15	6	0	0
" Small 18½×13 "			
Common Brayer, Large size, Iron, with Plain			
Surface and Brayer	3	0	0
lnk	B	raye	r, 1/-

" " for Foolscap Broadside... ... 1 15 0
Pedestal Inking Table, 15×13 in. 1 8 0
Stones and Mullers 12s. to 1 4 0

Common Brayer, Ordinary size, with Plain Sur-

Ink Slice, 2/-

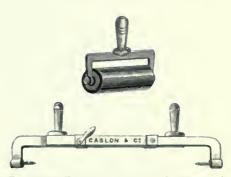
POINTS.

					d.								
Best spring, 8vo]*	pair	1	6	Brass Colour	Points.	1 5	pur	 	 	-1	- (
" 12mo, Elbow	 	 	**	2	0	99	**	2		 	 •••	1	10
Common 8vo	 	 	**	1	0	**	**	3		 	 	2	:
" 12mo, Elbow	 	 	99	1	6	**	**	4		 	 	2	-
Paste Points	 	 	**	1	0	**	**	5	,,	 	 	2	
Point Screws	 	 		3	6			6		 	 	3	(

ROLLERS.

			£	3,	d.	£	5.	d.	2	ă.	d.
Double Crown	30	in.	 1	2	0	 0	8	0	 0	8	0
" F'cap	28		 1	0	0	 0	7	0	 0	7	0
Royal	251		 0	18	0	 0	6	6	 0	6	6
Demy	221	99	 0	16	0	 0	6	0	 0	6	0
Foolscap	18	9.0	 0	14	0	 0	5	0	 0	5	0
Royal Folio	12	99	 0	10	0	 0	3	6	 0	3	6
Demy Folio	10		 0	9	0	 0	3	0	 0	3	0
Job	6	10	 0	7	0	 0	3	0	 0	1	9

Composition for Rollers, 8d. and 1/- p lb. Best Glue, 8d., 9d. and 10d. p lb. Rollers specially prepared for hot climates.



Expanding Frame, for any size of Roller, 10/-

The state of the s

ROLLER SUPPORTERS.

The best Bearers yet devised for jobbing presses. They only take up a quarter of an inch of the inside space of a chase, ease the pressure of the rollers on the forme, prevent over-inking, equalise the impression, and save the rollers from cutting. They are I in. wide on top.

PRICES PER PAIR.

For	5× 9 in. Ch	asc		d. 6	For 10×15 in, Chase	s. 2	d. 6
	7×11 "				" 11×17 " "		
	8×12		2	0	13×19	3	6

BEST SINGLE

LEATHER MACHINE BANDS.



					. 1.					
				1						ft.
4 .	. 1			8.	d.				5.	d.
	. wide	• • •	• • •	0	4	4 4 5	in. wi	de	 2	4
11/4	**		• • • •	0	$5\frac{1}{2}$	41/3	,,		 2	6
$1\frac{1}{2}$,,	• • •		0	7	5	,,		 2	8
1½ 1¾	**	• • •		0	8	51/2	**		 2	11
2	**			0	9	6	**	•••	 3	3
$2\frac{1}{4}$	**			0	$10\frac{1}{2}$	61	**	•••	 3	6
$2\frac{1}{2}$	**			1	0	7	**		 3	10
$2\frac{3}{4}$	**			1	2	71/2	,,		 4	1
3	**		• • •	1	4	8	,,		 4	5
$3\frac{1}{4}$	**			1	6	81/2	**		 4	8
$3\frac{1}{2}$	**			1	8.	9	,,		 5	0
$3\frac{1}{2}$ $3\frac{3}{4}$,,		• • •	1	10	10	,,		 5	7
4	,,			2	0	11	**		 6	2
$4\frac{1}{4}$	**			2	2	12	**		 6	9

Any other widths supplied at proportionate prices.

BEST QUALITY BALA BELTING

6-ply. Equal to "Double" Leather Belting. № ft.s. d. 5 in. wide ... 9 in. wide 2 7 10 ,, ,, 2 10 11 3 12 6

> Any other widths and strengths supplied at proportionate prices.

BEST PATENT

LEATHER LACES.

2 ft.	long				•••			*	loz.	1	3
$2\frac{1}{2}$	**	•••	•••	• • • •		• • •			**	1	9
3	**	• • •		• • •	•••	•••	•••	•••	11	2	6
$3\frac{1}{2}$	**	•••	•••	• • •	• • • •	•••	•••		,,	3	. 6
4	**	•••	•••	•••	• • • •	•••	•••	•••	,,	4	3
41/2	**		• • •	•••	•••	• • •	• • • •	•••	**	5	3
5	**		• • •	•••	• • •	• • •	•••	• • •	**	6	3
6	**	• • •		• • •			• • •	• • • •	,,	9	6

BEST GUT BANDS.

		$\frac{1}{4}$ in.	$\frac{5}{16}$ in.	- 3 in. ⋅
By the Band of 34 yds	p vd.	s. d. 2 0	s. d. 2 9	s. d. 3 6
In small quantities			1 0	1 5

Shafting and other qualities of Belting can be supplied. Prices on application.

 $5\frac{1}{2}$

6

7

8

PRICE LIST OF SUPERIOR MACHINE BLANKETING.

WIDTH IN INCHES AND PRICES PER YARD.

No.	Quality.	34 in.	36 in.	38 in.	40 in.	42 in.	45 in.	46 in.	48 in.	50 in.	52 in.	54 in.	56 in.	58 in.	60 in.	64 in.
2	Stout Sieve Cloth		7/6													
3	Fine Fronting	9/6	10/0	10/9	12/0	12/6		13/0		14/3			16/9	•••	18/0	
3 F	,	9/6	10/0	10/9	12/0	12/6		13/0		14/3			16/9		1.	
71	. ,, ,,	3/0	10/0		,			13/0	•••	14/3	•••	•••	10/9	•••	18/0	•••
4	Second Fine Fronting	•••	• • •	10/0	• • •	• • •	11/9	• • •		• • •	• • •		• • •	14/3	• • •	• • •
6	Stout Plate		•••	15/6	• • •	16/9		19/3				21/9	23/0			
7	Best Stout Plate	•••	20/6	•••		23/0		25/6		28/0						
9	Extra Stout News										•••			,		25/0
10	Swanskin		5/6								•••					
12	Extra Super Fronting		12/0			17/6					18/9				20/6	•••
16	Super Swanskin	•••			13/0							•••	•••	•••	24/3	
18	Stout Super Swanskin												•••	26/3	,-	
20	Fine Plate													,		• • •
21		•••	•••	•••	•••	•••	•••	•••	21/9	•••	•••	•••		•••	26/3	•••
	Double Milled Plate	•••	•••	• • •	• • •	•••	• • •	• • •	• • •	• • •	• • •	• • •	26/3	• • •	• • •	• • •
22	Treble " "	•••	•••	23/0	• • •	• • •		26/9	•••	• • •		29/3		•••	33/0	
23	Marinoni Blanket	•••	•••	• • •	• • •	•••							35/6			
24	Waterproof Covering	•••			•••	5/6					7/3					
25	" " Ste	out								7/8						
26	White Set-Off Cloth		•••					4/3		,						
27	C 1:				•••	•••		4/3	•••	•••	•••	•••	•••	•••	•••	•••
		•••	• • •	•••		•••	7/6	•••	•••	•••	•••	•••	•••	•••	•••	•••
28	Thin Felt	•••	• • •	• • •	• • •	• • •	• • •	• • •	8/0	• • •	• • •	• • •	• • •	• • •	• • •	•••
29	Thick "		8/0	• • •					14/9							•••
30	Moleskin 30-in. 3/3		4/0													
31	Tympan Canvas			1/3		1/8		2/3	•••	•••		2/8			2/11	
						1-		-,-				-1-			-1-1	

Machine Tapes of all widths from 3-16ths of an inch upwards. Elastic Webbing for French Machines.

Flax for Cleaning Litho. Stones. Damping Cloth and Felt for Covering Litho. Rollers.

All prices on this page are subject to alteration, according to the fluctuation of the market.

ROBINSON'S "HR" GAS ENGINES.

HORACE ROBINSON'S PATENTS.

We have much pleasure in putting the following particulars of these engines before our customers and other users of power.

Oblique Type.

The great simplicity of the engine can be seen at a glance; it has no separate tank for water, the engine bed forming the tank.

This patent water base construction is much liked by our customers, as it saves space, avoids troublesome pipe joints, and the water acts as ballast and increases the steadiness of the engine, and heavy foundations are unnecessary. The patent valve motion, it will be seen, is very direct, and definite, and it supersedes and does away with a mass of cams, rocking levers, springs, and other complications.

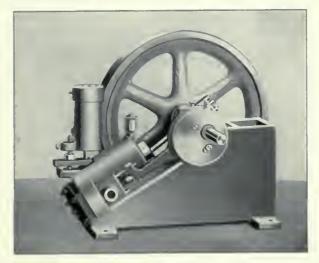
The success the engine has attained is also partly due to the patent valve construction.

The patent ignition tube attachment saves much time and trouble in attaching a new ignition tube. The patent governors have thorough control of the engine's speed. The cranks are turned to template, both ends being alike, and either end will take the fly-wheel.

The direction of rotation of the engine can be reversed by shifting the eccentric.

It will be seen that these engines are free from complication, and the attention given to design makes it a simple matter to get to all parts of them; these being easy of access and of plain and simple form, the cleaning of the engines is greatly facilitated, the efficiency and endurance are increased, and the cost of maintenance or renewal of any part is diminished.

No seporate water tonk required, the engine bed forming the tank The Potent Ignition Tube Attachment saves time and trouble.



The Patent Volve Motion
is very direct ond
definite, and does oway with
a mass of cams,
rocking levers, springs,
and other complications.

Oblique Type Engine. Showing Exhaust Side.

Horizontal Type.

As in our oblique type of engine, it has been our special care to reduce working parts to a minimum, thus eliminating the amount of wear and tear which manifests itself in more complicated engines. The principle of the engine is the same as our oblique type, but in some cases our customers prefer the horizontal type, notwithstanding the fact that a separate water tank is required.

These engines are fitted throughout only from the best obtainable materials and the workmanship is of the highest standard.

Reduced and Revised Prices.

OBLIQUE TYPE. Requiring no separate tank. Prices include Gas Bag, Key, and Oil Can, the Engine being in all respects complete.

				£ s.	d. 1				£	3.	d.
X	Size] B.H.P	 	12 10	0	C Size	 41 B.H.P	 • • •	42	0	0
		1 В.Н.Р									
		11 B.H.P									
В		 21 B.H.P	 	32 0	0						

HORIZONTAL TYPE. With separate water tank. Prices include Tank, Gas Bag, Key, and Oil Can, the Engine being in all respects complete.

			£	8.	d.				£	B.	d.
H.A. Size	14 B.H.P	 	25	0	0	H.D. Size	5] B.H.P	 	49	0	0
H.B. "	21 B.H.P	 ***	29	0	0	H.F	20 В.Н.Р	 	110	0	0
H.C.	41 RHP		42	0	0						

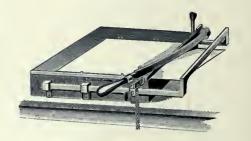
CARD CUTTING MACHINES, SEWING PRESSES, &c.

CARD CUTTING MACHINES.

SIZES AND PRICES.

With treadle, clamp, and hardwood bed, so that the pin guides can be easily adjusted.

					£ s.	d.
No. 1.—Size of plate 2	28×23 in.	Knife 29 in.			11 10	0
No. 2.— " 2	21×20 ,	., 22 ,,			7 10	0
4.91	a	d side, front,				
***************************************	£ s.		and back 5	aug co.	£ s.	d.
12 inch	3 15 (nch		5 15	
16 inch	4 15 () 24 in	nch		6 15	0



IMPERIAL CUTTING MACHINES.



						む	5.	a.
28 in.	Wood	Tables	 		•••	13	10	0
32 in.	,,	,,	 		• • •	15	15	0
36 in.	,,	**	 	***		18	0	0
40 in.	**	**	 		• • •	21	0	0

Knives 27/- p doz.

Wood Cutting Sticks, 4/- p doz. For Cutting Boards, etc., see page 67.

STABBING MACHINES.

	£	5.	d.
No. 1.—Wood, with Steel Springs	1	5	0
" 3.—Wood, on stand, with treadle and			
adjustable needles	2	12	6
" 4.—Wood, on Extra Strong Stand with			
Iron Side Rods, Cross Head and			
Treadle Bars, suitable for extra			
heavy work	8	0	0

MILLBOARD AND STRAWBOARD CUTTING MACHINES.



						£	3.	d.
To cut 24	inches					10	10	0
,, 29	,,	•••		• • •		12	12	0
,, 34	,,,	•••		•••		15	15	0
,, 36	,,	•••				17	10	0
,, 38	,,	•••				20	0	0
,, 40	,,	• • •				22	0	0
,, 42	***					24	0	0
	If fitted	with Spri	ng Ga	uge, 5	0/- extr	a.		

SEWING PRESSES.

Small, 20 in. l	petwee	n scre	ws				s. 7	d. 6
Middle, 23 in.								
Large, 26 in.		**						0
Extra Large,				ws			12	6
Keys, for core	ls or ta	pe (Br	ass)		per	doz.	3	0
Needles		•••	• • •	• • •		6d. p	pack	et.
Thread	No.	14, 2/	6; No	. 16, 2	/8; No	. 18 2	9 p	lb.
Silk		•••	•••	•••		2/6 1	pack	et.
Cord	•••		• • •			to 1/-		
Twine						1/-	. ,,	

CUTTING PRESSES.



Small, 18 inches between screws, with pin, plough, and fixed knife as illustration	i.
Middle, 22 inches between screws, with pin, plough, and fixed knife Large, 28 " " " " " " 2 0 0 Iron Guide and Face Plates, small, middle, large 0 9	
Middle, 22 inches between screws, with pin, plough, and fixed knife Large, 28 " " " " " " 2 0 0 Iron Guide and Face Plates, small, middle, large 0 9)
Iron Guide and Face Plates, small, middle, large 0 9)
Iron Guide and Face Plates, small, middle, large 0 9)
D Di)
Press Pins 2/6 and 0 3 ()
Plough with fixed knife (all sizes) 0 8 ()
" with sliding knife " 0 14 ()
Extra Knives for Plough each 0 1 6	3
Close Tub and Cover for all size presses 115)
Open Tub 0 15 ()
Gilding Press, 24 inches between screws, extra long screws with Pin 1 13 0)

BINDERS' REVOLVING FINISHING PRESS.

The advantages of these Presses over those generally in use are numerous; they are manipulated easily and quickly by the operator without altering his position, will firmly clasp books of any size, and fix them in any required position, by the turn of a screw. They are fastened at the work table by a screw, the stand being of iron, whilst the cheeks are of wood.







No. 2. B.

The No. 2 Press is fitted with a ball socket, so that the clamped book can be turned, not only horizontally, but to any angle most convenient to the operator, and there fixed. The illustration "A" shows the Press fixed to hold the book in a horizontal position; whilst that marked "B" shows it fixed at an angle. No. 1 Press revolves horizontally only.

PRICES.

No. 1 £1 10s. 0d. Nos. 2 (A and B) £1 17s. 6d.

FINISHING PRESSES.



						انگ	3.	d.
18 i	nches (outside measure)	 	 	 	 0	14	0
20		**	 	 	 	 0	16	0
22	••		 	 	 	 0	18	0
24		**	 	 	 	 1	0	0

Any Style of Finishing Press Made to Order.

TYMPAN PARCHMENTS.

	FIRST QUALITY.												
				s.	d. 3					ā,	d.		
	inch			1	3	3	6 in	ch		5	6		
22	00			1	6	3	8 .			6	9		
24	40			2	0	4	0 .			8	0		
26	**			2	6	4	2			9	3		
28	4.5			3	0	4				11	6		
24 26 28 30 32	**			3	6	4				14	9		
32	**	***		4	0	4				16	0		
34	**			4	6	5				18	9		
	**	abaua	nrice		_		- "	ng to the					
	1 nc	BOOVE	brice	2 11	uctua	te acc	ordi	ing to the	mar	KCI.			

BEST STOUT

PRESS GIRTHING.

	7 i	n.	1 ii	n.	1 <u>3</u> i	n.	2 i	n.	
By the Piece of }		d.	3.		8.		3.		
24 yds.	10	9	12	0	13	6	15	9	
By the Yard if less than a Piece	0	6	0	7	0	8	0	9	

PRESS BLANKETS.

Size.	 Approxima Sizes.	le	Med	ium.	Fir	ie.
Foolscap Folio	 16 × 1	1	2	0	 3	0
Demy Folio	 19×1	3	2	6	 3	3
Foolscap	 $20\frac{1}{2} \times 1$	5 ,	3	9	 4	6
Crown	 22½× 1	6 <u>1</u>	4	9	 5	6
Demy	 26×19	9	5	6	 6	3
Royal	 27×2	2	5	6	 7	6
Super Royal	 30½ × 2	2	7	0	 9	9
Double Crown	 36×2	4	9	9	 11	3
Double Demy	 38×2	6	10	9	 12	0
Double Royal	 42×2	6	11	3 ′	 13	0

Medium in quality No. 4, and Fine No. 3.

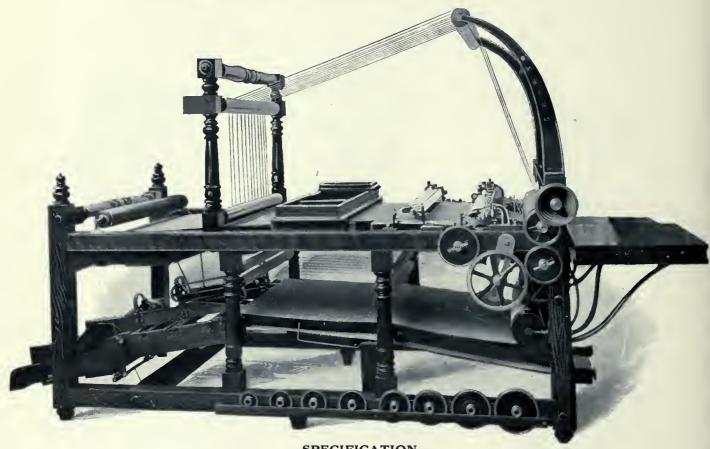
When ordering state exact size required in inches.

HOOKS AND EYES

IN ALL SIZES.

Prices of Tympan Parchments, Press Blankets, Press Girtbing, are subject to alteration, according to the fluctuation of the market.

AUTOMATIC STRIKER RULING MACHINE.



SPECIFICATION.

All Machines are made from the Finest Selected Materials, "Kiln Dried," Birch Frames, Bessemer Steel Shafts. Gun Metal Fittings and Bearings. Special Quality Moleskin for Cloths. Metal Rollers in the principal parts to prevent warping. Patent Gear Wheel Device for Ruling and Striking any length Sheets without Space between (over 100 changes can be made). Instantaneous Gate Lifting Device. IRON Striking Board for Pens to Rule and Strike upon, which is very firm and solid, thus always ensuring perfect accuracy in Striking. Latest Style Pen-Beam Standards and Fittings. Adjustable Gate Bearers. Improved Device for Ruling and Striking Manifold and very Thin Paper. Self-Adjustable Cloth-Guides on Top and Bottom Cloths, which keep the Cloths in the Centre of Machine, thus ensuring Perfect and Exact Register. Adjustable Steel Paper Guide, "Endless" Cloth Arrangement on Top Cloth, which prevents the Sheets from clinging to Cloth. Improved Layboy, with Self-Adjusting Pulleys, which take out Manifold and the thinnest papers to the thickest automatically with Logger or Knocker. Self-Adjusting Pulleys, which take out Manifold and the thinnest papers to the thickest, automatically, with Jogger or Knockerup attached and Moveable Bottoms to take any size of sheets.

MADE IN THE FOLLOWING SIZES.

36-in, wide Machine, with 31-in, cloths.	48-in. wide Machine, with 42-in. cloths.
42-in 36-in	54-in 48-in

AUXILIARY STRIKER, or extra Pen-Carriage and Striking Attachment fitted to Single Striker Machine, to enable Two Distinct Patterns to be Ruled and Struck at one operation.

POWER FITTINGS, including 4-Speed Cone for Shaft.

ANY WIDTH of Machine made to Order. A Set of Ten Change Wheels supplied with each Machine.

Prices.

AUTOMATIC STRIKER RULING MACHINE.

36-in. Machine with 31-in. Cloth Net $7\frac{1}{2}$ cwt. Gross $10\frac{1}{2}$ cwt.																£	3.	d.		
36-in.	Machi	ne with	31-in.	Cloth		•••	•••	•••	•••	Net	t 7½ d	cwt.	Gross	$10\frac{1}{2}$	cwt.	• • •	•••	54	0	0
42-in.	,,	**	36-in.	**		• • •			•••	11	8	**	**	11	,,			57	0	0
48-in.	,,		42-in.								$9\frac{1}{2}$	**	**	$12\frac{1}{2}$	"			60	0	0
54-in.	11	**	48-in.	**	• • •				•••	,,	$10\frac{1}{2}$	19	**	$13\frac{1}{2}$	**	•••	•••	64	0	0
				_	_	_								£ 1	s. d.					
		Auxili	ary Str	iker o	r Ext	ra Pen	Carr	iage	• • •						5 1	0 0	Extra			
		Power	Fitting	gs	•••	• • •			•••	•••					2 1	0 0	11			
		Cases	and Pa	cking		•••									2 1	0 0	1)			

Prices (Continued).

COMBINED PEN AND DISC AUTOMATIC STRIKER RULING MACHINE.

	Approximate Weight,														£	8.	d.				
. Machi	ne with	31-in.	Cloth		***				Net	8	cwt		ross	11	cwt.				66	0	0
		36-in.								9				12	**				70	0	0
		42-in.					•••			10	**		11	13	**				77	0	0
		48-in.	**				,		**	11			**	14	**				78	0	0
															£	s.	d.				
	Auxilia	ary Stri	ker o	r Ext	ra Pen	Carri	age								12	0	0	Extra.			
	Power	Fitting	78												2	10	0	**			
	Cases	and Pa	cking	,											2	10	0	**			
	. Machi	Auxilia					. , , 36-in. ,				. Machine with 31-in. Cloth Net 8 cwt. Gross 11 cwt	. Machine with 31-in. Cloth									

DOUBLE SIDER RULING MACHINE.

FOR FEINT LINING BOTH SIDES OF SHEET AT ONE FEEDING.

									A	pproxim	alc	Weight.				£	s.	d.
36-in.	Machine	with	31-in.	Cloth	 	 	Net	15	cwt.	Gross	20	cwt.	With	Power	Fittings	84	0	0
42-in.	**	**	36-in.	**	 	 		17			22	**			**	88	0	0
48-in.	70	+1	42-in.		 	 ***	**	19	**		24	89		**		92	0	0

FOR FEINT LINING OR AUTOMATIC STRIKING BOTH SIDES.

36-in. 42-in. 48-in.	Machi .:	**	36-	in.	••				**	18	cwt.	Gro	oss 21 23	**	With		ver	Fittings	£ 105 109 113	0	0
		Auxi	liary	Strik	er f	or both	sides	 •••					•••	•••	5 11	10 0 0	0	extra.			
						LE SH		 Underi					•••	•••		0		extra.			

Fitted to any of the above Machines.

Ruling Sundries.

STRIKER PEN FRAMES - Made of the Finest well-seasoned Mahogany, with Brass Bolts and Winged Nuts:

Single for	36-in. w	ide l	Machine, o	r 31-in.	long		•••							0	each.
	42-in.	**	91	36-in.	**		• • •	• • •			• • •	• • •	8	0	**
			**												
**	54-in.	94	**	48-in.	**	• • •	• • •	• • •	• • •	***			10	0	**

Double, 1/- each extra. Treble (or Three Stop), 2/- each extra. Four Stop, 3/- each extra. Five Stop, 4/- each extra. Six Stop, 5/- each extra.

INK POWDERS Per \{-1\)b. tin; Red, 3/-; Blue, 2/6; Black, 2/6; Green, 2/6; Blue Feint Paste, from 1/6 per lb. Any special colours can be obtained to order. Special quotations for quantities.

SPECIAL LIQUID RULING INKS.—In Bottles. Red, 7/- per gallon, or 3/6 half-gallon. Blue, 6/6 per gallon, or 3/3 half-gallon.

AMERICAN STRIKER PENS-From 1d. per point. All distances stocked.

CONCENTRATED OX GALL. Special Preparation. Absolutely no smell. In Pots, ½-lb. 4/-, with postage. 1-lb, 6/8, with postage.

GATE CATCHES. Made of specially Hardened Steel, 2/6 each.

BEST LATENT PEN BRASS. - In any gauge of thickness, 4/6 per pound.

EXTENSION PENHOLDERS,—2/- each. ENGLI

SPECIAL RULING MACHINE CORD.—9d. per Spool.

PEN PLYERS.—2/- per Pair.

BEST MOLESKIN CLOTHS. Any width always in stock.

SPRING DIVIDERS.-From 2/3 per pair.

ENGLISH PENS. From 12/6 per 1,000 points.

PEN POINTS. 2/- per packet.

RULER'S HAMMERS.—1/6 each.

INK BRUSHES.—Small, 4/6 doz. Large 9/- doz. RULING PEN MAKING MACHINES.—£3 10s.

Over 2,500 of these Machines are now in use in all the Leading and Best Houses in the United Kingdom, the Coionies and Colonial Government Printing Offices.

THE CASLON STEREO FOUNDRY.

This apparatus is complete in every way, as will be seen from the illustration and list of parts set out below. It is of very substantial construction and is quite up-to-date. It is a great improvement on the cheaper foundries; the casting box and melting pot are combined, an advantage the practical man will appreciate; the accessories, which are complete for all ordinary requirements, are strongly made and in keeping with the foundry itself. Printers who require a thoroughly satisfactory article for turning out the best work, will find this machine a good investment.

A First-Class Stereotyping Apparatus at a Reasonable Price.



PARTICULARS AND PRICE.

The Caslon Stereo Foundry consists of a Combined Casting Box, Drying Press and Melting Pot to cast up to 13×18 inches, together with the following accessories:—

- Shooting Board, complete, including squaring and bevelling planes, and one saw with guide.
- 2.-Set of Pica High Gauges, with parallel regulator.
- 3.—Cast Iron Chase (type high).
- 4. Large Wrought Iron Casting Ladle.
- 5.-Large Wrought Iron Skimmer.

- 6.—Set of Correcting Punches.
- 7. Stereo Beating Brush.
- 8.-Two Thick Wool Felts.
- 9.—20 Sheets specially prepared Dried Flong 4to Royal size.
- 10.-Gas Burner.

Price complete £28.

TYPE-HIGH STEREO CLUMPS are supplied at low prices .- See Current Price List.

STEREOTYPING APPARATUS.

We have every confidence in putting on the market the latest "Simplex" which has been considerably improved, and which for simplicity, easy working, finish, and utility, cannot be surpassed. In bringing the above before your notice, we feel certain that when once used it will recommend itself. It is so simple and easy, and being an equally balanced machine, the smallest boy in a printing works can use it with safety. Each machine is fitted with an atmospheric burner, thereby dispensing with the offensive fumes arising from coal or coke. This machine has planed surfaces, wrought steel turned studs, pillars, and screw, and, with our equally balanced action, is at once the best stereotyping machine ever offered at the price.



Each machine is supplied with the following, making it the most complete on the market: Drying and casting press, burner and tubing, gas furnace on iron stand with an atmospheric burner and tubing, iron plane and shooting bench, pica gauges, beating oil, chalk and paste brushes, two ladles and one skimmer, mallet, hammer, punches, chisels, and three sheets of "Flong," together with complete instructions for working.

PRICES.

With Casting Box to cast plate 28 × 20 in., complete as above	£	i. 0	d. 0
With Casting Box for News Columns, 28 × 15 in., Book Jobbing		14	
With Casting Box for Royal Folio, 23 × 15 in., complete as above	12	12	0
With Casting Box for Demy Folio, 18 × 12 in., complete as above	10	10	0
With Casting Box for Demy Quarto, 14 × 10½ in., complete as above	8	10	0
Type-high gauges-fitted for news columns, £4 5s.; with single core to cast hollow,			
£2 7s. 6d	6	12	6
Combination circular saw and shooting bench, strong iron stand, and surface fitted			
with iron plane, 36 × 24 in	12	17	6
New saw bench, 6-inch saw on steel spindle running on steel centres. Planed top,			
and treadle, 24 × 20 in	9	5	0
Lead and clump moulds prepared for use to set any thickness, from 11-pt. to 18-pt	3	3	0
Lead and clump gauge	0	7	6
Stereo Bearers, 18 in. lengths, 9d. p. 1b.			

Carriage not paid. Packing extra at cost price. Parts can be had separately Prices quoted on application.

Any make of Flong can be used with the "Simplex" Foundries.

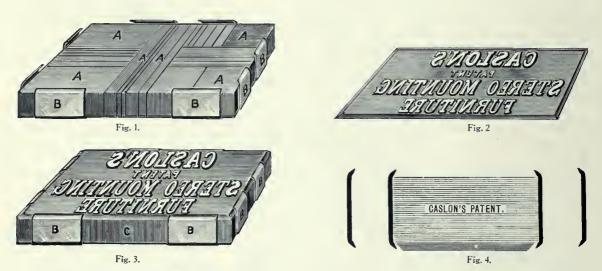
STEREO-MOUNTING FURNITURE.

Many devices for mounting Stereotype plates have been invented and tried with more or less success, the objections to them generally being that they lack simplicity, are too complicated for rapid and easy adjustment, and are consequently too expensive. It is some years since we introduced a new system, based on the old, for mounting Stereo blocks, but we have never yet seen anything to surpass it for simplicity, ready and effective adjustment, or cheapness. As this new adaptation of an old principle has never been prominently put before the trade, we refer our readers to the following illustrations, showing method of using the Patent Stereo-mounting Blocks and Furniture.

Figure 1 shows a page made up and justified to the required size of the plate to be mounted, A representing the blocks and furniture, and B the brass catches, made of 3-point brass rule.

Figure 2 shows the plate to be mounted, with the usual bevelled edges.

Figure 3 shows the mounted plate fixed in position by the brass catches, more or fewer of which can be used, as required, and they can be put to any part of the plate.



The original blocks were cast with holes in them, into which brass catches of no definite measurement or thickness were clumsily inserted. In the new blocks these holes are discarded, and the grip of the catch on the block, as well as on the plate, is secured by the bevel on the lower edges of the blocks into which the brass catches fit.

This contrivance will be best understood by reference to a sectional view, given in Figure 4, of a block and catches.

The advantages claimed for this system of Stereotype-mounting are many, not the least among them being that the blocks are much lighter, and have no holes in them for catches: but the new furniture being precisely the same in size as the old, those who have old blocks in stock can use the latter for insides. The new catches are all 3-point in thickness, and can be adjusted to any part of the plate, and kept in one place, if so desired, with 3-point leads. They are also much thinner than the old catches, and therefore are not so liable to take the ink and soil the sheets when on the machine. But the most important advantage of all is that the new blocks and catches are much cheaper.

SIZES OF NEW STEREOTYPE-MOUNTING FURNITURE.

26 × 15 ems. 22 × 4, 2, 1, and $\frac{1}{2}$ ems. 18 × 2, 1, and $\frac{1}{2}$ ems. 9 × 8 $\frac{1}{2}$, 4, 2, 1, and $\frac{1}{2}$ ems. 24 × 2, 1, and $\frac{1}{2}$ ems. 20 × 2, 1, and $\frac{1}{2}$ ems 17 × 9, 4, 2, 1, and $\frac{1}{2}$ ems.

USEFUL ASSORTMENTS.

 Demy 8vo., 8 pp.
 ...
 ...
 ...
 40 lbs. of furniture
 ...
 ...
 ...
 80 catches.

 Royal 8vo., 8 pp.
 ...
 ...
 ...
 50 lbs. of furniture
 ...
 ...
 ...
 80 catches.

 Super Royal and Double Crown 8vo., 8 pp.
 ...
 64 lbs. of furniture
 ...
 ...
 ...
 80 catches.

PRICES: Patent Stereo Furniture, 9d. Plb. Patent Brass Catches, 9d. Pdoz.

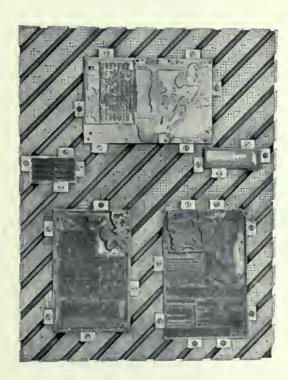
Type-high Stereo Clumps, 9d. per lb.

CAST IRON GROOVED MOUNTS.

These beds are accurately machined from solid castings, are practically indestructible, and, unlike wood, will not warp or twist. They can be made for use with any thickness of block and to fit the bed of any machine. The larger sizes are made in sections, and are therefore easily handled. All beds are scored with Pica Squares to facilitate adjustment of Blocks, and in Sectional Beds the grooves are continuous across the sections.

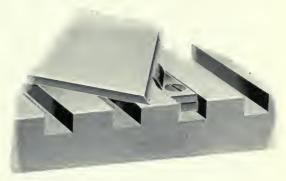
Made with either undercut grooves or straight grooves.

These Beds are very largely used in the production of illustrated Periodicals, etc.





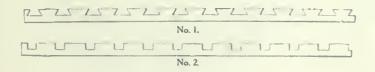
Showing No. 1 Clip.



Showing No. 2 Clip.

Clips for Use with Cast Iron Grooved Mounts.

- No. 1. -Clips are for use with Mounting Beds having undercut grooves, and are made in left and right hand shapes. These Clips can be dropped into the groove or removed, on any part of the bed, without disturbing the Blocks.
- No. 2.—Clips are for use with Mounting Beds having square grooves, and are supplied in left and right hand shapes. By tightening the screw the Clip is firmly locked in the groove, and at the same time grips the block securely.







PRICES.

				BEDS	6			
No. 1 Beds with	h Undercu	t Grooves			• • •			2 d. per square inch
No. 2	Straight	**		• • •	•••		• • •	2 d
				CLIPS	3			
No. 1 Clips for	Undercut	Beds	***					5s. 6d. per dozen.
No. 2	Straight	11 110				***		4s. 6d

THE UNIVERSAL MACHINE FOR PRINTERS.

MANY MACHINES IN ONE.

The use of blocks having become universal, Messrs. Caslon were convinced of the widespread demand for a machine that should be capable of dealing with them rapidly and adequately; and in devising and perfecting the "Universal" they have availed themselves freely of the many practical suggestions derived from the needs and experiences of their clients.

The aim in introducing the "Universal" is to place at the disposal of printers a machine that, while moderate in price, will prove invaluable to the block printer. Every printer has felt the want of efficient tools for performing the various operations that blocks and plates demand. The "Universal" supplies him with a complete equipment for mounting, finishing, or modifying every kind of block, and it is capable of dealing with curved as well as flat plates.

The "Universal" will render exactly "type-high" every variety of block.

The "Universal" saves at least half the time necessarily spent in imposing and making ready imperfectly finished blocks. The "Universal" is the only apparatus in which every operation can be regulated strictly in accordance with the Point System of measurement.

Some of the services the machine is capable of rendering.

It will engrave on wood or metal by means of the several special tools, which, by means of the two guiding handles, are controlled with absolute precision.

It will repair blocks or plates; repair, re-make, or modify the bevels of mounted blocks, from which it is often necessary to detach the plates in order to make-ready for printing; and will pierce rivet holes without injuring the bevels.

It supersedes all the block-making and plate-finishing tools employed in the foundry and the packers' room.

It will convert linotype slugs into leads or metal furniture, and will repair, cut, trim, or render true all kinds of material (except, of course, iron).

It renders the making of corrections in machine-cast lines or stereo plates as easy as if the matter were movable.

THE UNIVERSAL MACHINE

comprises the following tools for shaping and finishing blocks of every kind up to 35 × 35cm.

Circular Saws, differently tempered and set for cutting wood and the various metals-zinc, copper, and brass. The elliptical table enables sawing at various angles. An automatic gauge-rule justifier regulates the cutting to exact point measurements; and excisions or grooves can be cut to exact points up to 48 by 48 millimetres.

The Jig-saw and Piercer forms voids and mortices in every kind of block or plate.

The Travelling Router, controlled by double handles and pedal-action performs all the operations of routing, scorping, or gouging,

The Cutting Tool for corrections and insertions cuts at a single stroke, in any kind of block or plate, a correct point line of 12, 24, or 36 points. for the insertion of type, etc., and the incision may be either straight or curved.

The Side Trimmer will render any kind of block or plate exactly rectangular, or of any geometrical shape, to point measurement.

The Cutter for Narrow Blocks or Plates trims to exact point size running titles or headlines, linotype slugs, initials, ornaments, etc., and converts linotype slugs to leads or quadrats.

The Bevelling or Chamfering Tool makes every kind of bevel in every kind of block or plate, with mechanical adjustment to correct points.

The Thicknessing and Smoothing Plane works on the backs of blocks and plates of all kinds, rendering them precisely true, and producing an exactly even surface on wood or metal.

* The change of tools is effected in a few minutes.



A few hours practice will enable any intelligent man to produce excellent work on this machine.

The "Universal" machine is the outcome of close observation and wide practical experience, and it meets a demand that with enormously increased use of illustrations, has become imperative.



Fig. 1. THE CIRCULAR SAW.

The circular saw can be raised to a given number of typographic points above the table A. by means of the screw, which is actuated by means of the wheel B. The block or plate which is to be sawn is placed on the movable table C, and adjusted by means of the angle-plates D and G (fig. 7). The table C is moved either by hand or by means of the handle shown in figure 2. The choice of a particular saw from those supplied with the machine depends on whether the block or plate to be cut is of copper, xinc. electro. type-metal. or wood. The saw is fixed by means of a bushed key-bolt, and a change of blades is a matter of a few seconds. The saw revolves with great rapidity, making a sweet, clean, and smooth cut. A glass guard protects the eyes and face of the operator. It is claimed that this saw is greatly superior to anything of the kind hitherto produced. The angle-plate D is adjustable for all sizes up to 39 by 43 cent.



Fig. 2-ANGLE-CUTTING.

The table C can be arranged with a circular opening as a substitute for the justifier D for holding the block in position for sawing. Typehigh blocks or thin plates can thus be cut to any geometrical form. This arrangement is also employed for bevelling and mitteing wood or metal fumiture, leads, or rules, or for shaping wood letter, etc. The table C can be guided either by hand or by means of the handle E; while the means of justification afforded respectively by the angle-block D and the screwwheel B admit of the nicest adjustment for the various operations. When the table A C has been adjusted to the correct height for the circular saw, the jaws of the vice controlled by the wheel B are fised by means of a screw-bolt which renders the table immovable.

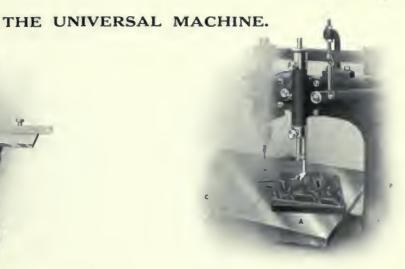


Fig. 3. JIG-SAW AND PIERCER.

By means of the screw-wheel B, the tables A C are raised until the circular saw sinks below the level of the surface. Piercera of 1, 3, 5, 8, and 12 millimetres diameter are supplied; and one of these having been fixed in the tool-carrier, this tool is set in motion by means of the pedal and chain gear. The block having been thus pierced at suitable spots, the jig-saw is placed in position, is guided into the holes made by the piercer, and makes the required excisions. The jig-saw moves with great rapidity, forming mortices or hollows in every kind of block, including blocks mounted on type-metal. It is set in motion by means of a special handle. When the motion is arrested, the saw is withdrawn a sufficient distance to permit of the block being easily moved.



Fig. 4.-ROUTING OR MILLING TOOL

Upon the tables A C is placed a special table l, which is furnished with grooves or slots to receive the clips which keep the block in position. This special table is fitted underneath with ratchet gearing which is controlled by the two handles E and K. Each of these handles commands a rectilinear direction, and they make, between them, an angle of 90%, with the result that by means of these handles the block can be guided with the utmost nicety of precision. The clips M accommodate blocks and plates of all thicknesses. The milling tool having been placed in the head carrier, the head is lowered by means of the pedal. The depth of the cut is determined by means of the regulator Q; after which, by working the pedal, the operator can raise and lower the tool without relinquishing his hold of the handles E and K. When very large voids are to be cut, the tool-carrier is set by means of the lever N, instead of using the pedal.

THE UNIVERSAL MACHINE.

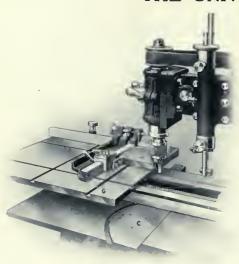


Fig. 5.-SIDE-TRIMMER.

This is one of the most interesting features of the "Universal." The special tool having been inserted in the tool-carrier, the block is placed in the justifier and held in position by the arrangement G, which at the same time determines exactly the size to which the block is to be trimmed. By means of the handle, the block is then brought into contact with the tool, which shaves off, with rigorous exactness, and with a smooth and even cut, the superfluous material, trimming the block to precisely true form. The same method of justification is applicable either to thick plates or to type-high blocks. The tool works at high speed, and trims with equal facility either blocks that are mounted on wood or on metal, or those that are cast type-high; the same tool serves for every kind of block, and cuts the full depth at a single stroke.

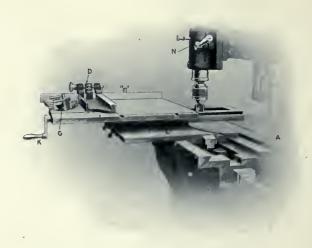


Fig. 7.—BEVELLING AND MITREING TOOL.

The procedure for bevelling and mitreing is the same as that for squaring blocks, except that a special tool is used. The block is adjusted in the angle-box as previously described, and is brought into contact with the tool by means of the two handles. The cutting is regulated by means of the angle-box and the handle K, and its depth or pitch is determined by manipulating the wheel B, to give the requisite elevation to the table. Where, however, the uniform treatment of several blocks is required, the operator avails himself of the up-and-down movement of the head tool-carrier. The bevels and mitres may be made of the various forms and pitches required for various kinds of blocks,—zinc, copper, stereos, or electros. By using alternative tools, various forms of bevels can be cut; and they can be made in the substance of the block in such a way as to provide grooves and clips for the interlocking of blocks to be printed together. The bevels are cut with perfect neatness and precision.

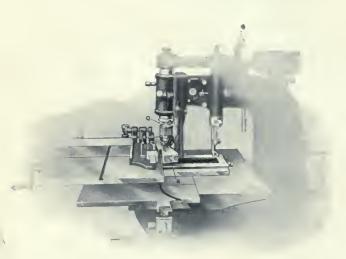


Fig. 6.—TRIMMER FOR NARROW BLOCKS.

This apparatus, fixed in the head tool-carrier, and fitted with strong clips of special form, is exceedingly useful for trimming narrow blocks, headline blocks, display-line blocks, and linotype slugs. It also serves for grooving and trimming drop-letters, ornaments, etc., for justification with point-body type-lines, for trimming linotype slugs for the reception of underlining rules, for converting linotype slugs into leads or quadrats. By regulating the justifier D, two stepped cuts of different depths can be obtained. To fix firmly blocks of 24-points thickness or less, the double angle-block R is employed, exact point measurements being thus assured.

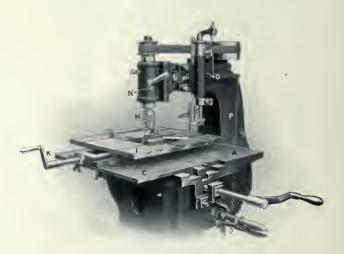


Fig. 8.—BACK-PLANING TOOL.

The block having been placed face downwards on the table, and firmly secured in position, the large back-planing tool is fixed in the carrier, and by means of the two handles the amount to be planed off can be regulated with the utmost nicety. The operation leaves the surface of the block, whether it be wood or metal, smooth, uniform, and of absolute truth, giving an ideal block for printing. All blocks or plates—solid metal, stereo, electro, or wood—can be thus planed with rigorous precision to exactly uniform height: a point that is of the utmost importance to the printer. This operation would of itself be sufficient to render the machine invaluable for the economies it effects in imposition and making-ready.

THE UNIVERSAL MACHINE.



Fig. 9 .-- THE AUTOMATIC JUSTIFIER.

This apparatus is denoted, in the various figures, by the letter D. The guide is pierced with holes two points apart, and there receives the steel peg, which serves as a stop. When it is desired to cut or trim a block or plate to 24 picas, the peg is inserted in the hole indicated by the corresponding number on the scale, and the slide is moved along until its slot abuts upon the peg. The position of the slide can be adjusted to any desired measure by means of a graduated hand-screw, a complete turn of the knob representing 6 points. If, for example, instead of a measure of 24 picas, one of 24 picas and 4 points is desired, the slide is moved back four points by turning the knob to the desired degree. This justifying apparatus is exceedingly useful for cutting to exact point measure all material, such as leads, reglets, and rules, as well as for precise mitreing and bevelling. It is very ingeniously contrived, and performs its functions irreproachably. For use with the circular saw, the justifier is placed on the table C. and, for squaring, bevelling, and all other operations, on the table C.



Fig. 10. SAWING TO POINT MEASUREMENTS.

Sawing to point measurements is performed by means of the apparatus shown in the above figure. As already described, the circular-saw table is raised or lowered by turning the screw-wheel B, of which the circumference is divided into twenty-four equal parts, each division corresponding to one point in graduating the elevation of the table, so that a complete revolution of the wheel raises the table 24 points or two picas. In order to make a cut, the table is first lowered until its surface is flush with the teeth of the saw. The index of the wheel is then placed over the number 24. Supposing that a cut of 54 points is required, then two complete revolutions of the wheel are made, giving 48 points, then a turn of six divisions more will give tha required 34 points. Then the block or plate, etc., is fised in position in the angle-block and put to the saw, which will make a cut of exactly 54 points. When the saw-teeth are flush with the table, the index in an analypoints to 24.

PRICE OF THE "UNIVERSAL" MACHINE AND ACCESSORIES.

Machine furnished with movable tables, maximum dimensions of block or plate to be sawn, trimmed, and planed, 14 in. × 14 in., or, taken diagonally, 14 in. × 19 in., distance between pillar and jumper 7 in. The equipment comprises a circular saw for wood and metal, a dozen jigsaws, five drills F G H J K, tools for routing and scorping L M N O P Q tool E for true-squaring, tool B for bevelling and mitreing electros or stereos to 45%, tool D for planing the backs of wood or metal blocks or plates, adjustable protector, buretter, keys, etc. Adjustmentfor routing, sawing, planing, any bevelling blocks or plates to point measurements:

was mig. planning, any bevening blocks of plates to point me	MBUICI	men	LB:
	£78	0	0
Adjustment to saw or cut to a given angle	2	0	0
Angle-cutter for narrow lines up to 3-points thick	. 3	4	0
Adjustment for cutting voids of point dimensions, regulated			
by graduated wheel-screw	2	16	0
Prica of the complete Machine	£86	0	0
	_	-	_
Continuous-current electric motor attached to machine		0	0
"Universal" Machine without the upper portion (minus			
the routing, drilling, and cutting mechanism)	£57	12	0

PRICES OF INTERCHANGEABLE TOOLS.

Bevelling tool 0 9 8 A Jig-saws (per dozen) 0 5 7 B Beveller for & Gereos and electros 0 9 8 C copper zinc 0 9 8 C copper zinc 0 9 8 D Back-planing tool 0 12 10 E Squaring or trimming tool 0 12 10 F Drills, I millimetre 0 1 3 G 3 0 1 7 H 5 0 1 10 J 8 0 2 2 0 K 0 2 2 0 K 0 2 2 5 L Simple router or graver, 2 millimetres, for wood & & & Gereo metal 0 2 5 M 4 0 2 10 N Router, 5 millimetres, for & Gereos 0 4 5 O 5 hard metals 0 2 10 Q 8 0 2 10 Q 8 0 2 10 R Tool for corrections to point measurements, 12-points 0 6 10 T 36-points 0 6 10 T 36-points 0 6 10	Circular saw for copper and zinc£0 10	6	0
A Jig-saws (per dozen) 0 5 7 B Beveller for %ereos and electros. 0 9 8 C copper zinc 0 9 8 D Back-planing tool 0 12 10 E Squaring or trimming tool 0 12 10 F Drills, 1 millimetre. 0 1 3 G 3 0 1 7 H 5 0 1 10 J 8 0 2 0 K 12 0 2 5 L Simplerouter or graver, 2 millimetres, for wood & %ereo metal 0 2 5 M 4 0 2 10 N Router, 5 millimetres, for %ereos 0 4 5 O 5 hard metals 0 2 10 Q 8 0 2 10 R Tool for corrections to point measurements, 12-points 0 6 10 T 36-points 0 8 5	" wood and type-metal 0 12	2 1	0
B Beveller for & ereos and electros	Bevelling tool 0	9	8
C copper zinc 0 9 8 D Back-planing tool 0 12 10 E Squaring or trimming tool 0 12 10 F Drills, 1 millimetre 0 1 7 H 5 0 1 1 0 J 8 0 2 0 K 12 0 2 0 K 12 0 2 5 L Simplerouter or graver. 2 millimetres, for wood & & ereo metal 0 2 5 M 4 0 2 10 N Router. 5 millimetres for & ereos 0 4 5 O 5 hard metals 0 2 10 P 6 all metals 0 2 10 Q 8 0 2 10 R Tool for corrections to point measurements, 12-points 0 6 10 T 36-points 0 6 15	A Jig-saws (per dozen)	5	7
D Back-planing tool 0 12 10 E Squaring or trimming tool 0 12 10 F Drills, 1 millimetre 0 1 3 G 3 0 1 7 H 5 0 1 10 J 8 0 2 0 K 12 0 2 2 0 K 12 0 2 5 L Simple router or graver, 2 millimetres, for wood & & ereo metal 0 2 5 M 4 0 2 10 N Router, 5 millimetres, for & ereos 0 4 5 O 5 hard metals 0 2 10 P 6 all metals 0 2 10 Q 8 0 2 10 R Tool for corrections to point measurements, 12-points 0 6 10 T 36-points 0 8 15	B Beveller for Rereos and electros	9	8
E Squaring or trimming tool 0 12 10 F Drills, I millimetre 0 1 3 G 3 0 1 7 H 5 0 1 10 J 8 0 2 2 0 K 12 L 0 2 2 5 L 0 2 2 5 L 0 2 2 10 N Router. 5 millimetres, for & ereos 0 4 5 O 5 hard metals 0 2 10 P 6 all metals 0 2 10 Q 8 0 2 10 R Tool for corrections to point measurements, 12-points 0 6 10 T 36-points 0 6 10 T 36-points 0 8 10	C copper zinc 0	9	8
E Squaring or trimming tool 0 12 10 F Drills, I millimetre 0 1 3 G 3 0 1 7 H 5 0 1 10 J 8 0 2 2 0 K 12 L 0 2 2 5 L 0 2 2 5 L 0 2 2 10 N Router. 5 millimetres, for & ereos 0 4 5 O 5 hard metals 0 2 10 P 6 all metals 0 2 10 Q 8 0 2 10 R Tool for corrections to point measurements, 12-points 0 6 10 T 36-points 0 6 10 T 36-points 0 8 10	D Back-planing tool 0 12	2 1	0
F Drills, I millimetre		2 1	0
H 5 0 1 10 J 8 0 2 0 K 12 0 2 5 L Simplerouter or graver. 2 millimetres. for wood & & ereo metal 0 2 5 M 4 0 2 10 N Router. 5 millimetres. for & ereos 0 4 5 O 5 hard metals 0 2 10 P 6 all metals 0 2 10 Q 8 0 2 10 R Tool for corrections to point measurements. 12-points 0 6 10 T 36-points 0 6 10		1	3
1	G 3 0	1	7
K 12 0 2 5 L Simple router or graver. 2 millimetres, for wood & Rereo metal 0 2 5 M 4 0 2 10 N Router. 5 millimetres, for Rereos 0 4 5 O 5 0 2 10 P 6 all metals 0 2 10 Q 8 0 2 10 R Tool for corrections to point measurements. 12-points 0 6 0 S 24-points 0 6 1 T 36-points 0 8 5	H . 5	1 1	0
L. Simplerouter or graver, 2 millimetres, for wood & stereo metal 0 2 5 M	J 8	2	0
M 0 2 10 N Router. 5 millimetres, for & ercos 0 4 5 O 0 2 10 P 0 2 10 Q 0 2 10 R Tool for corrections to point measurements, 12-points 0 0 0 S 24-points 0 6 10 T 36-points 0 8 5	K 12	2	5
M 0 2 10 N Router. 5 millimetres, for & ercos 0 4 5 O 0 2 10 P 0 2 10 Q 0 2 10 R Tool for corrections to point measurements, 12-points 0 0 0 S 24-points 0 6 10 T 36-points 0 8 5	L. Simple router or graver, 2 millimetres for wood & Rereo metal 0	2	5
N Router, 5 millimetres, for & ereos	M a	2 1	0
O 5 hard metals 0 2 10 P 6 all metals	N Router, 5 millimetres, for stereos	4	5
P 6 all metals		2 1	0
Q 8		2 1	0
R Tool for corrections to point measurements, 12-points		2 1	0
S		6	0
T 0 8 5		6 1	0
	Special saddle for routing and scorping cylindrical plates		
maximum width, 50 centimetres, diameter 25 centimetres 20 0 0		0	0

GENERAL OBSERVATIONS.

The machine should be placed on a perfectly level bed, preferably of concrete, or on a solid foundation formed of wood blocks grounded in the soil.

Never leave any tool in the holder when the machine is not in use.

Always bring the machine to a dead stop before substituting one tool for another. Before starting the machine, put out of gear everything that is not required for the operation in view. Never attempt any change while the machine is in motion.

Before starting the machine, ascertain carefully that the tool is properly and securely fixed in the carrier. Use plenty of lubricant, and take care that the lubricators are kept constantly replenished. The head will require special attention in this respect, and all the geared and moving parts should be kept well lubricated.

Motive power required
Diameter of motor pulley
Width of motor pulley
Revolutions per minute
Space occupied

INTERLOCKING DRYING RACKS.



Fig. 2. End View of Interlocking Device.

With these Racks sheets can be taken direct from the machine flier, and may be stacked ceiling high, in a perfectly straight and rigid pile, which cannot be knocked over by accident, and with no more weight on the bottom than on the top sheets. This pile is a most effective drying room, occupying the floor space of one rack only, and from the time the sheets are fed into the machine until ready for the binder, they need not be handled. The interlocking device, which secures rigidity, is shown in Fig. 2; each Rack is firmly locked on its neighbour, but each slides with ease on the Rack immediately below it. There is no handling of the sheets, and the consequent waste of paper through offset, smearing, finger marks, and tearing, is avoided. In many cases these Racks save expensive slip-sheeting. They ensure

evenness of temperature, and thereby assist in getting a perfect register on lithographic work. They save seventy-five per cent. of floor space over any other method of drying sheets, and from one to two per cent. of paper, and a vast amount of time. A further saving of time may be effected by placing the Racks as they come from the fly-board on one of the PRINTERS' TRUCKS, made specially to take these useful Drying Racks. A pile of racks can thus be moved with speed and safety. The Interlocking Sliding Racks are made with hardwood sides, wide soft wood slats, and are very strongly put together.



Fig. 1.-Interlocking Racks Stocked with Paper, straight and rigid.

PRICES (with hardwood sides):

Foolscap	Folio	o, 9×13 in	. inside	, and	unde	r	s. 1	d. 0	Demy	18×24	in.	inside,	and	under			s. 2	d. 2
Crown	**	11×16 "	19	,,	**		1 :	3	Dbl. Demy	24×36	11	**	**	**		•••	2	6
Demy	,,	13×19 "	,,	,,	**	•••	1 (6	Four Crown	31×41	,,	,,	••	,,	• • •	•••	3	0
Crown	.,	16×21 "	**	,,	**	•••	1 10	0	Four Demy	36×46	"	**	,,	.,		•••	3	6
				I	Four F	Royal, 41×5	51 in.	insi	de, and under		48	s.						

N.B.—Made to order, either as illustrated or with the interlocking sides the long way of the rack to give additional strength. Sizes will be varied to suit purchasers, at prices approximate to those quoted.



Model 209.-Movable Drying Rack. £3 5s

MOVABLE DRYING RACKS.

These Racks combine many desirable features and are supplied at a very moderate price. The frame is of hardwood, polished, strongly bolted together, and the shelves are carefully and strongly made. The whole is mounted on castors, so as to be easily moved in any direction when fully loaded.

Model 209, occupies 6 square feet only of floor space, but has a drying area of 120 square feet.

Polished

									F	rame	es
									£	s.	d.
Model 209,	with	20	shelves,	each	24×36	in.	•••	 	3	5	0
Model 210,	,,	30	**	11	24×36	**		 	4	12	0
Model 211,	,,	20	••	,,	28×42	**		 	4	12	0
Model 212,	,,	30	**	11	28×42	**		 •••	6	7	6

N.B.-When ordering, please quote Model Number.

STEEL PERFORATING RULES.

BEST ENGLISH STEEL. TYPE HEIGHT. IN FOUNTS OR LENGTHS.

A FOUNT

Consists of 38 pieces: 4 each 3, 4, 5, 6 and 8 ems, and 2 each 9, 10, 12, 14, 16, 18, 20, 24 and 30 ems.

A HALF-FOUNT

Consists of 18 pieces: -4 pieces 3 em, and 2 each 8, 10, 12, 14, 16, 18, and 20 ems.

				•						
	No.	881.	1	Point.			No.	887.	11	Point.
Machine made		***		1/2 per 18 in. length.	Hand:	made		•••		1/4 per 24 in. length.
99 99	***			12/- per dozen lengths.		**	***	•••		15/- per dozen lengths.
90 00	•••	***		7/- per fount.	,,	**	***	• • •		6/6 per fount.
	No.	882.	2	Point.			No	888.	2	Point.
		002.	_	1 01111.			110.	300.	_	
Machine made	•••	•••	• • •	1/4 per 18 in. length.	Hand	made	• • •		•••	1/6 per 24 in, length.
**	***	• • •		14/6 per dozen lengths.		**	• • •	•••	•••	16/6 per dozen lengths.
**	***	***	•••	8/- per fount.		**	•••	***	• • •	7/6 per fount.
					-	-				
	No.	883.	3	Point.			No.	889.	3	Point.
Machine made		•••		1/6 per 18 in. length.	Hand:	made				1/9 per 24 in. length.
** **	***	•••	•••	16/6 per dozen lengths.		**	• • •	•••		20/- per dozen lengths.
**	•••	•••	• • •	9/- per fount.	**	**	•••	• • •	•••	8/6 per fount.
					J. 11	L 1/2/2 - 1	· · · · · ·			- 4000000
No. 8	85.	2 Po	int	and 3 Point.			No.	890.	2	Point.
		2 Poin	it.	3 Point.	Zigzag	Steel Pe	erforat	ing Rule		2/6 per 18 in. length.
Open Pin Point		1/6		1/8 per 18 in. length.	,,	**	**	"		28/- per dozen lengths.
11 11 11		16/6		18/6 per dozen lengths.		**	**	**	***	13/- per fount.
** ** **	•••	9/-		10/- per fount.	,,	**	**	**	•••	7/- per half-fount.
					100000	· · · · · · · · · · · · · · · · · · ·	~~~	1212012	w.v	1244.43124.404444444
No. 8	86.	2 Po	int	and 3 Point.			No.	891.	3	Point.
		2 Poir	at.	3 Point.	Zigzag	Steel Pe	erforati	ing Rule		3/- per 18 in. length.
Close Pin Point	• • •	1/8		1/10 per 18 in, length.		**	"			33/- per dozen lengths.

.. ... 15/- per fount.

.. ... 8/- per half-fount.

18/6 20/- per dozen lengths.

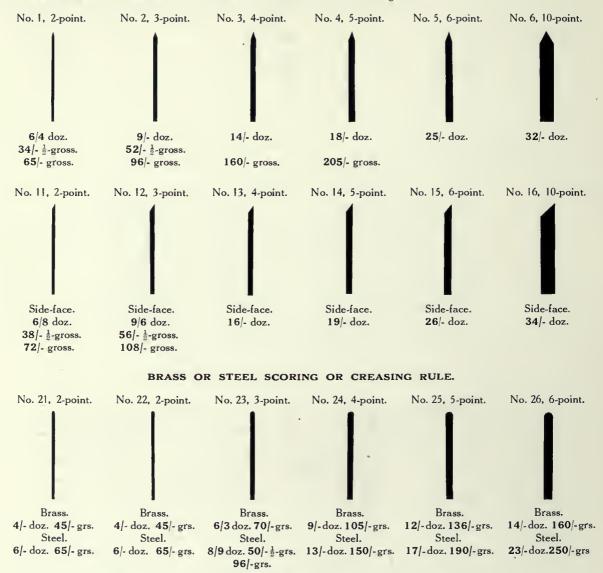
10/- 10/6 per fount.

BOX MAKERS' CUTTING AND SCORING RULES.

STEEL CUTTING RULE.

Made of specially prepared steel, which is sufficiently hard to cut from 100,000 to 700,000 Boxes, according to the material used, but yet so pliable as to allow of its being bent into curves of almost any pattern.

The sections show the exact size of the Rules, which are made in 24 inch lengths.



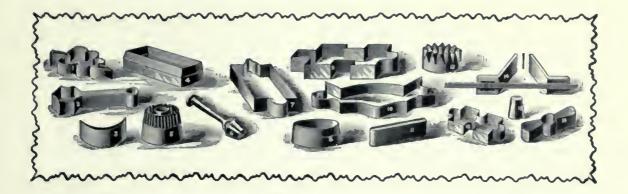
Sharp Steel Scoring Rule, for cutting half-way through, at same prices as Cutting Rule.

BOX MAKERS' SUNDRIES.

Small Patent Vice	 	 •••	•••	12/-	Blades for Fret Saws	7 doz., 8d.
Flat-nosed Pliers	 	 	•••	2/-	Wood for Box Plans, Planed, .	p sq. ft., from 6d. to 1/3
Round-nosed Pliers	 	 •••		2/-	French Metal Furniture	p lb., 6d.
Fret Saw	 •••	 •••	• • •	3/-	Zinc Plate for Backing	? sq. ft., 1/9

Box Plans or Dies made complete, and fitted in customers' own Chases if required.

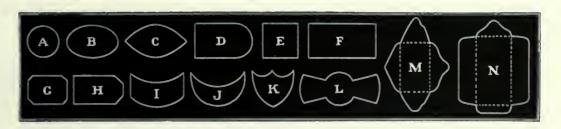
ENVELOPE, LABEL, AND FANCY PUNCHES.



APPROXIMATE PRICES FOR ODD CUTTERS (as per illustration).

No.	1-Leaf Label			24/-	No. 11—Oval Punch (see below)
**	2-Fancy do	•••	•••	11/-	., 12-Star Ticket Punch from 8/-
**	3-Ditto do	***		7/-	" 13—Box Punch 27/-
**	4—Oblong do. (see below)	•••			14—Adjustable Two-Corner Punch for Cutting
	5-Scollop do	•••	***	16/6	Envelopes 31/- to 44/-
8.0	6-Handle Punch		from	9/-	-Adjustable Four-Corner Punch for Cut-
**	7—Seed Bag Punch (see below)				ting Envelopes 72/- to 88/-
00	8-Round do. (see below)	• • •			,, 15—Round do. (see below)
20	9-Cigarette Box Punch		***	31/-	" 16—Capsule Punch 9/-
99	10-Collar do			28/-	

PRICES FOR ORDINARY PLAIN-SHAPED PUNCHES (about 1% inch deep).



THESE PRICES ARE APPROXIMATE ONLY.

	AB	C	DEF	G	н	J	K L	PAT	TERN.
	6 d.	 7 d.	 8d.	•••	9d.		11d.		Per inch Round Top.
If less than 10 inches	4/6	 5/6	 6/-		6/6		8/-		

If made straight on the outside for Perforating, 11d. P inch extra; if fitted with handle as Fig. 6, from 4/6 extra.

"No. M. and N. from 11d. to 1/9 p inch, according to size and depth; if less than 18 in., 15/-

Stay Bars, 3/- to 8/-

Punches for other Shapes and all kinds of Ornamental Patterns quoted for per Return of Post.

We cannot guarantee the shape of Punches, unless furnished with perfect CUT OUT PATTERNS OR DRAWINGS.

On no account can we undertake to make Drawings, or deviate from Patterns or Drawings.

REVISED PRICE LIST of WOOD LETTER

SIZE	CLASS 1	CLASS 2	CLASS 3	CLASS 4	CLASS 5
	per dozen	per dozen	per dozen	per dozen	per dozen
8 Line and Smaller 10	1 8 1 10 2 0 2 4 2 8 3 0 3 4 3 8 4 0 4 4 4 8 5 0 6 4 6 8 7 6 8 4 10 0 11 8 12 6	2 0 2 3 2 6 2 10 3 3 3 8 4 0 4 6 4 10 5 3 5 8 6 6 6 10 7 3 7 6 8 0 9 0 10 0 12 0 14 0 15 0	2 3 2 6 2 10 3 3 9 4 2 4 8 5 2 5 8 6 6 7 0 7 6 8 6 8 10 9 4 10 6 11 8 14 0 16 4 17 6	Quot for large Thirt	3 0 3 3 3 6 4 2 4 10 5 6 6 0 6 6 7 2 7 10 8 6 9 0 9 6

FOUNTS, &c., IN SPECIMEN BOOK CLASSED FOR ABOVE LIST

Class	Class 1	Class
Abbey Text 4	De Vinne Expanded 5 Runic Grotesque Extended	3
Ancient Gothic 4	Encore 5 Royal Text	4
Antique No. 1 2	Enchorial 4 Rubens	3
Antique No. 2 2	Erin 3 *Rules	
Antique No. 3 3	Erin Bold 3 Sandringham	2
Antique No. 4 3	Erin Condensed 2 Sandringham Condensed	2
Antique Old Style No. 1 4	Erin Italic 4 Sandringham Extended	3
Antique Old Style No. 2 4	Fairfield 5 Sanserif No. 1	1
Antique Old Style Italic 4	French Antique No. 1 2 Sanserif No. 2	1
Atlantic 3	French Antique No. 2 2 Sanserif No. 3	1
Atlantic Condensed 2	French Antique No. 3 2 Sanserif No. 4	î
Atlas Sanserif 3	French Antique No. 4 2 Sanserif No. 5	î
Atlas Unique Extended 4	Gloucester 4 Sanserif No. 6	2
Barnet 3	*Gordon Space Ornaments Sanserif No. 7	2
Black 5	Grecian Expanded 5 Sanserif No. 8	3
*Borders	Grotesque Old Style 5 Sanserif Condensed No. 1	1
*Braces	Grotesque Old Style Condensed . 4 Sanserif Condensed No. 2	î
*Burgovne Ornaments	Grotesque Old Style Extended 5 Sanserif Condensed No. 3	1
Campanile 4	*Indices Sanserif Condensed No. 4	î
*Card Signs	Latin Elongated 4 Sanserif Condensed No. 5	î
Carola 5	Latin No. 1 4 Sanserif Condensed No. 6	i
Cheltenham 4	Latin No. 2 4 Sanserif Condensed No. 7	1
Cheltenham Bold 4	Latin Wide 4 Sanserif Condensed Italic	2
Cheltenham Bold Condensed 4	Morland 4 Sanserif Elongated	1
Clarendon No. 1 2	Morland Condensed 3 Sanserif Expanded No. 6	2
Clarendon No. 2 2	Old Face 4 Sanserif Heavy Italic	2
Clarendon No. 3 2	Old Style 4 Sanserif Thin Face No. 1	1
Clarendon No. 4 2	Old Style Condensed 4 Sanserif Thin Face No. 2	1
Clarendon No. 5 3	Old Style Elongated 4 Sanserif Thin Face No. 3	î
Clarendon No. 6 2	Old Style Italic 4 Sanserif Thin Face No. 4	1
Clarendon No. 7 3	Osborne 4 Sanserif Thin Face No. 5	î
Clarendon Old Style 4	*Parentheses Sanserif Thin Face No. 6	3
*Corners	Peerless 4 Script	5
*Cranleigh Dashes	Queenswood 4 *Stars	
*Croft Space Ornaments	Queenswood Bold 4 *Ticket Figures	
*Crosses	Oueenswood Old Style 4 Ticket Sanserif	3
*Dashes	Runic 4 Tudor Black	5
De Vinne 4	Runic Condensed 3 Tyndale	4
De Vinne Condensed 4	Runic Grotesque 3 *Union Jacks	,
De Vinne Condensed Italic 4	Runic Grotesque Condensed 3 Verve	4
De Vinne Elongated 4	Runic Grotesque Elongated 3	
De Tillie Liongated III (III)	Attack of ottoday broadings and a	

* Not Classified. For Prices see Specimens.

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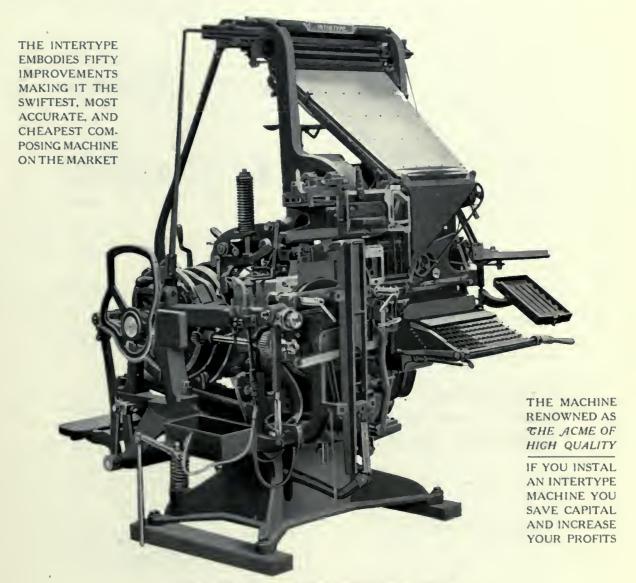
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No. 6.	' 36-Point.	1/-	11/-
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No. 12		36-Poin	it.	1/-	11/-
No. 13		48-Poin	nt.	1/-	11/-
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No. 16.		18-Poin	t.	8d.	- 7/6
No. 17.		24-Poin	t.	10d.	9/-
No: 18.		30-Poin	t.	10d.	9/-
No. 19.		36-Poin	t.	1/-	11/-
No. 20.		48-Poin	t.	1/-	11/-

FOR SPEED, QUALITY, EFFICIENCY AND ECONOMY.

Before acquiring the sole agency for the Intertype in the British Isles and India, Messrs. Caslon convinced themselves by personal investigation that this is the most efficient and the most economical composing machine in existence. Its instant and complete success in America and elsewhere abroad is unequivocal proof of its excellence. Although its manufacture was begun recently, over five hundred Intertype machines were sold during the first year, while at the present time the sales amount to about sixty-five machines a month.

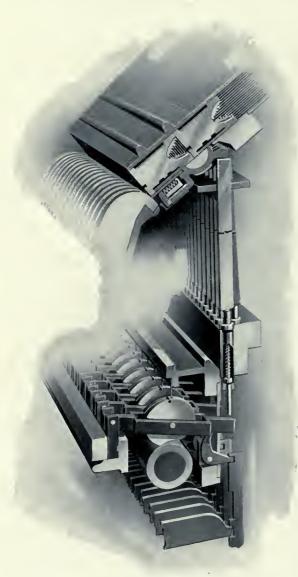


The Model "A" Intertype Composing Machine.

Clearly there must be very strong reasons for so swift and so signal a success. How comes it that within so short a period the Intertype has established itself as a prime favourite, and is now found at work in almost every State in the Union, and in such important offices as those of the "New York World," the "New York Times," the "Chicago Tribune," the "Detroit Journal," the "Cleveland Leader," and of many other great daily newspapers? It is simply because business men realise immediately that the Intertype fulfils in the highest degree the essential requirements of quality, reliability, speed and economy. Write for descriptive booklet and full particulars to our London Address, 82/3 Chiswell Street, E.C., or call and see it working at our London Showrooms, and at our Northern Branch, 11 New Brown Street, Manchester.

Model "A"

The Intertype embodies all the advantages of present-day composing machines with many additional improvements. All principal operations are performed in exactly the same manner as on the Linotype, and any Linotype operator will be equally as competent to handle an Intertype as a Linotype. The improvements consist in facilities for speedy change of face, body and measure, rendering the machine adaptable for all classes of work, and simplifications of the various matrix handling mechanisms, which prevent injury to the matrices and enable the Intertype to produce the highest quality of work. This delicious ease of working, unrivalled speed, and unequalled quality of product result from the superior build of the machine, together with the numerous improvements it contains, some of which we describe hereafter.



The Improved Escapement.

SPECIAL FEATURES OF THE INTERTYPE.

The Magazine.—The Intertype magazine embodies many important improvements. The magazine supporting frame is hinged so that it can be quickly swung into the most convenient position for removing the magazine. This is at the rear of the machine, where damage to the keyboard is impossible. The action of swinging back the magazine automatically locks the matrices in the magazine, and also locks the keyboard. When the new magazine is put into position it releases the matrices and keyboard ready for operation. No skill is required, and no accidents can occur, because the operator failed to do the proper thing before removing the magazine. The distributor bar and channel entrance have been so spaced that the largest characters have relatively as much space as the smallest ones. It is obvious that a lower case "i" does not require as much space as a cap "W," and we have taken this fact into consideration, thus greatly improving the distributing mechanism. The whole process of changing the magazine is accomplished in the remarkably short time of twenty seconds.

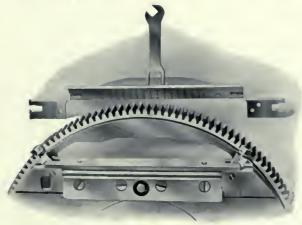
The Escapement.—The new and improved escapement allows of greater speed without danger of transposition. It is an integral part of the magazine, is compact, positive in action, and having no separate sections, the magazine channels are continuous, and there is nothing to get out of register. As the escapement is changed whenever the magazine is changed, frequent removal of the escapement is avoided. One-piece pawls of steel, mounted each in its own bearing, are actuated positively by the rods, and form a most compact and durable escapement. These pawls can be instantly removed and replaced individually. The keyboard and keyboard cams are of the familiar, satisfactory and interchangeable type.

The Second Elevator Guide.—Improvements have been made at all points where matrices are transferred, so that wear and injury to matrices is greatly reduced. With this object a new second elevator guide post has been designed. This post guides the second elevator in such a way that the line of matrices is lifted perpendicularly from the intermediate channel, thus preventing wear on their lugs. If for any reason the machine is backed up so that the second elevator, bearing a line of matrices, returns to the intermediate channel, the matrices slip in without injury. This perpendicular lift saves considerable wear on the matrix combinations and the second elevator bar teeth, by preventing the jerky motion of the second elevator so frequently caused by the Linotype guide post.

The Gas Governor.—Another feature adopted on the Intertype is the new gas governor, which is distinctly superior to the ordinary mercury governor. The temperature of the metal in the pot actuates the new governor—not the heat under the mouthpiece. The flow of gas to the mouthpiece remains constant, the governor regulating only the heat under the pot. The device is simple, rigid, and out of the way. A short beam is attached at one end to the valve and at the other to a brass rod projecting through the crucible cover into the molten metal. This beam is pivoted near the end attached to the brass rod. When the metal becomes too hot the brass rod expands and moves the beam, which closes the valve, and vice versa as the metal cools. The governor also has a convenient thumb screw adjustment.

Model "A"

The Mould.—The Intertype mould and mould disc are new and distinctly superior to anything previously marketed. To enable the operator to change the mould quickly, accurately and easily, the mould cap is held in place by two bolts pivoted at the bottom so that when the nut at the top is slightly loosened they can be swung back and the cap instantly removed. The liners are flat so that injury to them is practically impossible, and the mould is easily accessible for cleaning.



The Mouid.



The Back Rail.

The Back Rail. - In order to support the matrices as they are being transferred from the second elevator the back rail of the distributing box has been extended. This prevents trouble if the teeth on the second elevator bar are broken.

Vice Jaw Adjustment.—The illustration below shows the new device for adjusting the left hand vice jaw. Its rigid construction and ease of operation will appeal at once to both machinists and operators, and the time-saving effected by its use will be equally pleasing to the purchaser. The attachment enables the operator to make vice jaw changes quickly and accurately, without leaving his seat. This factor is particularly valuable in offices handling a large amount of catalogue and similar work, requiring numerous run-arounds and quick changes. The jaw is set by simply turning the dial to the point indicating the measure desired.



The Vice Jaw.

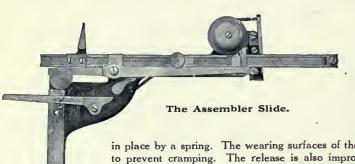


The Knife Biock.

The Knife Block.—The Intertype knife block is correct in principle, efficient, and durable. There are twenty-five standard settings for the knife, to trim slugs from five to forty-eight points thick. These settings are absolutely accurate and permanent, and cannot be tampered with. The block is simple and very rigid in construction, and the knives are always parallel. Changes are made by pushing the pin into the proper hole, as indicated by the point scale, and moving the lever at the left until the pin slips into the corresponding hole in the knife slide. The knife block can be equipped with a micrometer attachment (not shown in the illustration) for setting the knives to trim bastard slugs of any thickness.

Model "A"

The Assembler Slide.—Every operator who has tested the Intertype assembler slide is enthusiastic in its praise. The illustration shows its simplicity, but only actual use can fully demonstrate its superiority. Changes of measure are quickly made, and when once set the slide can never slip and allow tight lines to get through without the operator's knowledge. The hard fibre brake shoes are square, so that when one side of a shoe becomes slightly worn it can be turned around to



present a new surface to the slide. The brake release is convenient, and the operator can reach it while reading copy, without danger of getting his fingers caught by the matrix delivery belt. The action of the slide is smooth and uniform, which makes for the elimination of transpositions and for high speed.

The Line Delivery Carriage.—To prevent the occasional breaking of spacebands as the carriage returns to its position, the line delivery carriage has been decidedly improved. The left hand finger is made in two pieces, hinged in the middle and held

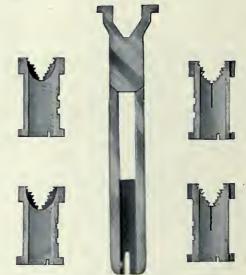
in place by a spring. The wearing surfaces of the carriage are bronze shoes. These are well separated, to prevent cramping. The release is also improved, the releasing wire being eliminated and a more substantial and satisfactory arrangement substituted in its place. This is another improvement which appeals to operators and machinists alike because of its convenience and excellent construction.

Belt Assembler Drive and Sorts Stacker.—The improved belt drive for the assembling mechanism, which eliminates the noisy and unsatisfactory gears used on Linotypes, enables the operator to stop the star wheel instantly, by means of a noiseless belt shifter, without reaching far over to the right of the machine to pull out a dangerous clutch. This round belt assembler drive can be applied to single-magazine Linotypes, in connection with the assembling mechanism. The automatic sorts stacker, too, can be applied to single-magazine Linotypes, but only in connection with the round belt assembler drive and assembling mechanism. One of these stackers will pay for itself in a very short time, by saving the operator's time, preventing continual losses of sorts matrices, and eliminating wear and injury caused by their dropping into a sorts box.

The Motor.—The geared type of motor, which years of experience have proven most satisfactory, is the one adopted for the Intertype. The equipment consists of a one-third horsepower Westinghouse motor, a hard fibre pinion, a motor support, and a gear wheel. The motor support is of such design that it can be readily mounted on either the Intertype or Linotype machines, by replacing one cap screw with a longer screw furnished as part of the equipment. This motor is made to run on a 115 or 230-volt direct current; 110 or 220-volt, 50 or 60-cycle alternating current, on one leg of a 2 or 3-phase circuit, or on a single-phase circuit. In ordering, state whether direct or alternating current, and the voltage; if alternating current, state also the number of cycles.

Supplies,—It is of the utmost importance that matrices, spacebands and other supply parts should be made right. These parts are the most essential in a Composing Machine, and if they are not perfect in every way, the product cannot be satisfactory. It is realized that the supplies on the Intertype must not only be perfect in themselves, but also perfect as to their interchangeability with those on existing machines. In addition to this the supplies will at first be subjected to far closer scrutiny than usual, and it is earnestly requested that they should be put to the severest test, to prove their efficiency and reliability. The matrices are made of the best hard brass obtainable, so as to insure long life. They are put through fiftyfive different operations, in machines designed by the only men who have ever successfully designed such machines. They are carefully inspected after each operation, and all not perfect are rejected. Nothing is shirked, and no labour or expense that could produce better matrices is omitted. All the supply parts are made with the same care, and will prove themselves superior to other supplies now manufactured.

In the design and construction of this machine the manufacturers have taken every precaution, and indeed have exercised the most scrupulous care, to avoid any infringement of existing patents; and before accepting the Intertype agency for the British Isles and India Messrs. Caslon have taken the utmost care to assure themselves that there has been no infringement whatever; but, nevertheless, they deem it advisable to state that they are prepared in every instance to enter into a legal bond indemnifying the



Matrices and Spaceband.

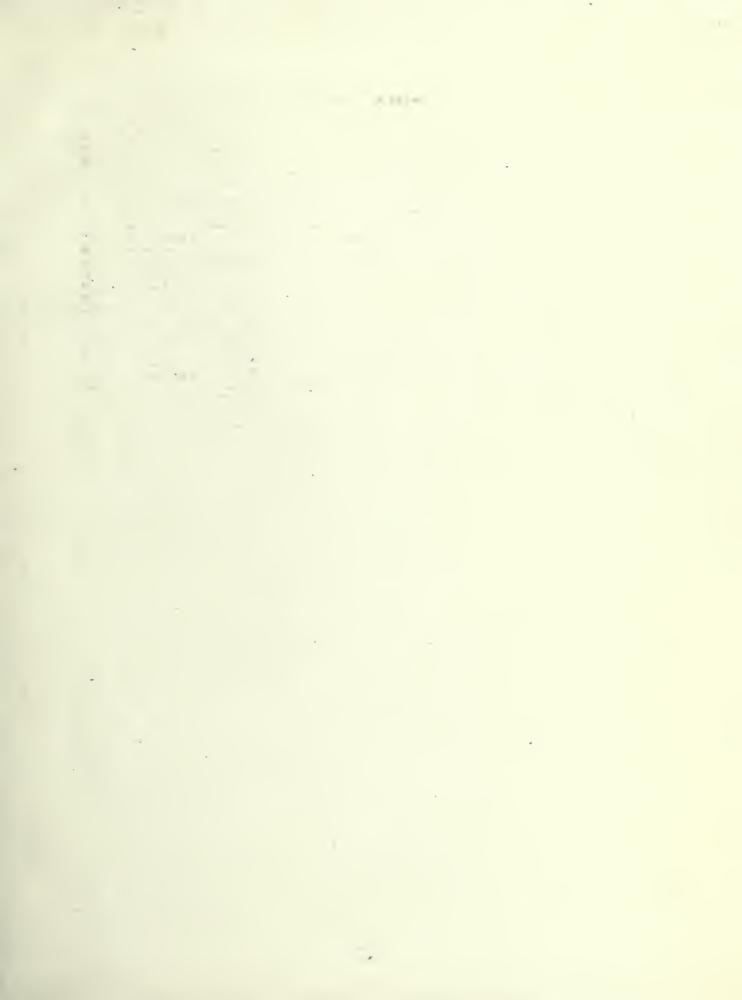
purchaser against all liability to loss in respect of any possible claims for infringement; and, if desired, the agents will further agree to take back the machine and refund the money. It will therefore be seen that the purchaser of the Intertype incurs no risk whatever in adopting this machine. Printers are cordially invited to come and see it at work, either at 82 Chiswell Street, London, E.C., or 11 New Brown Street, Manchester. When you have seen it you will want to buy it.

INDEX TO BRASS RULE SECTION AND PRINTING MATERIALS CATALOGUE.

PAGE	PAGE	l'AC
Advertisement Rules 2	Composing Sticks 68	Labour-Saving Brass Border Rules 9,10
Angle Clumps 9	Corners for Fancy and Combina-	Labour-Saving Lead Racks 50
Arab Platens 94, 95	tion Brass Rules 6	Labour-Saving Solid Brass Corners 11
Arab Flatens 74, 73		_
71	Counters, Patent "Excelsior" 87	Lavater Lock-up 61
Back Saws 71	Cross Rules 2	Lead, Clump, and Metal Furniture
Beating Brushes 72	Curves, Brass 19	Racks 50, 51
Bellows 72	Cutting and Scoring Rules 120	Lead and Reglet Cabinets 49, 54
Belting, Laces, &c 104	Cutting Boards 67	Leader Boxes 71
Binders' Finishing Presses 107	Cutting Presses 106	Lead Cutters 69
Blankets, Press, &c 104, 107	Cutting Sticks 73, 91	Leads and Clumps, Improved 49
Bodkins, Tweezers, &c 71, 72		Leads, Brass 2
Bookbinders' Brass Blocking Rule 20	Dating Stamps 83	Letter Boards, Hardwood 48-
Border Cabinets 40	Drying Racks 118	Letter Board Cabinets 48
Box Makers' Cutting and Scoring	Dust Bellows 72	Lettering Pallets or Type Holders 75
Rules, &c 120		Lye Brushes 72
Brace Plyers 71	Electro Block Cabinets 41	_,
Braces, Brass 19	Envelope, Label Punches, &c 121	Machine Bands 104
Brackets, Case, &c 39, 47	Eyelet Punch 75, 76	Machine Blanketing 104
	Lyciet i dilcii /5,70	Machine Points 72
Brass and Copper Hair Spaces 76	F1 C.::1 00 00 100	
Brass Circles, Ovals, and Garters 13	Feed Guides 98, 99, 100	Mallets, Planers, Shooting Sticks,
Brass Curves 19	Finishing Presses 107	Hammers, &c 70
Brass Dashes 18	Forme Hooks 72	Marble Slabs 72
Brass Leaders 2	Forme Racks 64	Metal Furniture, Reglet and Cor-
Brass Leads or Space Lines 2	Forme Trolley, Noiseless 68	ner Clumps 52
Brass Rule and Lead Cutters 69	Founts of Rule 7	Mitre Boxes 71
Brass Rule Shears 71	Frames, Cabinet 32, 33, 34, 35, 38	Mitreing Machines 69
Brass Rules, &c. 2, 3, 4, 5, 6, 7, 8, 9,	French Dash Rules 2, 18	Morton Lock-up 60
10, 11, 12, 13, 14, 15, 16, 17, 18, 19, 20		Mounting Boards 73
Brass Shapes, Solid 12	Galleys 44, 45, 46	Mounts, Cast Iron Grooved 113
Brass Types 123	Galley Brackets 47	Mullers 72
Brass Type Cabinets 74	Galley Cabinets 47	
Brayers 72	Galley Proof Presses 47	Newspaper Headings, Brass 2
Brushes, Lye. Pick, and Beating 72	Galley Proof Tallies 73	Numbering Machines, &c
Diddico, Dye,	Galley Racks 47	84, 85, 86, 87, 88, 89
Cabinets 7, 31, 34, 36, 37, 38, 39, 40,	Gas Engines 105	01, 05, 00, 07, 00, 07
41, 42, 43, 47, 48, 49, 52, 53, 54, 74	Gauges, Gauge Pins, Guides, etc.	Oil Cans, Steel Seamless 72
	98, 99, 100	Overlay Knives 71
Cabinet Frames 34, 38		Overlay Knives /1
Card Cutting Machines 106	Grooved Mounts, Cast Iron 113	5 6 1
Case Brackets 39	Guards, Safety 97	Page Cord 72
Case Racks 42, 43	117	Paging Machines 88, 89
Cases, Alphabetical List 31	Hammers 70	Pallets, Fillets, and Gouges 20
Cases, Type 22, 23, 24, 25, 26, 27, 28,	Hand Rotary Slot Perforator 78	Pallets, Lettering 75
29, 30, 31, 42	Handy Box of Brass Rule 8	Paper Cutters, Chandler and
Cast Iron Furniture 57	Head Rules 2	Price 90, 91
Caslon Wickersham Quoins 58	Hempel, Improved Quoins 59	Paragraph Rules 2
Chandler & Price Presses 92, 93	Hooks and Eyes 107	Parchments, Tympan 107
Chases 63, 93, 94		Peerless Presses 96
Chiswell Quoins 59	Ink Cabinets 49	Perforating Machines, Round
Column and Jobbing Galleys, &c.	Imposing Surfaces and Frames 65,66,67	Hole 77, 78
44, 45, 46	Ink Knives 71	Perforating Rules, Steel 119
Column Rules 2	Ink, Printing 102	Pick Brushes 72
Combination Brass Rule 14, 15, 16, 17	Inking Tables 103	Pigeon-Hole Fount Case 31
Composing Frames, Cabinets, &c.		Pilot Presses 96
32, 33, 34, 35, 36, 37, 38, 39, 40	Label Holders 28	Planers 70
24, 22, 24, 20, 30, 31, 30, 37, TO	Editer Horders in i 20	1 1011019 111 111 111 111 111 111 111

INDEX—Continued.

PAGE	PAGE	PAGE
Plyers, Brace 71	Safety Guards 97	Type Scales 72
Points 103	Saws, Back 71	Type Washes 72
Poster Sticks, Wood 68	Setting Rules 2, 68	Tweezers 71
Presses, Printing 92, 93, 94, 95, 96, 100	Sewing Presses 106	
Press Girthing 107	Shears, Brass Rule 71	Universal Machine 114, 115, 116, 117
Pressing Boards 67	Shooting Sticks 70	
Pressman's Quoin Key 60	Sidesticks 54	Wetting Boards 67
Pressmen's Friend 71	Spaces, Brass and Copper 76	Wharfedale Cylinders 101
Proof Presses 47, 102	Specimen Cabinets 41	Wickersham, Export Quoins 58
Punches, Label, &c 121	Spirit Feeders, Lever-Valve 72	Wickersham Quoins 58
	Stabbing Machines 106	Wire for Stitching Machines 82
Quadrat and Space Bin 52	Staples 79	Wire-stitching Machines79, 80, 81
Quadruple Frames 38	Stitching Machines79, 80 and 81	Window Cabinets 40
Quoins 58, 59, 60, 61, 62	Steel Furniture and Reglet 55, 56	Wood Furniture 52, 53, 54
Quoining Wrench 72	Stereo Clumps 110	Wood-Furniture Cases, Labour-
	Stereo-Mounting Furniture 112	Saving 53, 54
Reglet 52, 54, 56	Stereotyping Apparatus 110, 111	Wood Letter 122, 123
Reglet Cases 54	Stephen's Expansion Locks 62	Wood Letter Cabinets 42
Rollers 103	"Strong" Machine 76	Wood Letter Case Racks 42
Roller Supporters 103	Surfaces and Frames 65, 66, 67	Wood Rule 124
Round Cornering Machine 73, 76	, , , ,	Wood Quoins 61
Round Hole Piercer 75	Tilting Case Brackets 39	
Rule Cabinets 7	Type Cases	York Frames 35
Rule and Lead Cutters 69	22, 23, 24, 25, 26, 27, 28, 29, 30, 31, 42	
Ruling Machines, &c 108, 109	Type Cases, Alphabetical List 31	
Ruling Sundries 109	Type Holders 75	
	1) po 1 10 10 10 11 11 11 11	



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