



Price list : Heber Wells, manufacturer of wood type, cabinets, cases, stands, etc. and dealer in printers' materials.

New York (8 Spruce Street): Heber Wells (Successor to
Vanderburgh, Wells & Co.), 1892

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1827 ▷

—◁ 1864

AB Hamilton PRICE LIST, 1892

Return often

HEBER WELLS,

SUCCESSOR TO VANDERBURGH, WELLS & Co.,

MANUFACTURER OF

WOOD TYPE,

CABINETS, CASES, STANDS, ETC.,

AND DEALER IN

PRINTERS' MATERIALS.

WAREHOUSE AND OFFICE:

8 SPRUCE STREET, NEW YORK

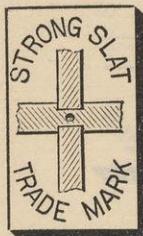
FACTORY AT PATERSON, N. J.

PRINTERS' CASES.

HEBER WELLS,

SUCCESSOR TO VANDERBURGH, WELLS & CO.

SOLE MANUFACTURER OF



"Strong Slat Cases."

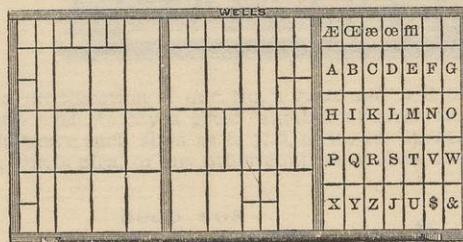
THE BEST IN THE WORLD.
THE PARTITIONS ARE STRENGTHENED.
ARE PRACTICALLY INDESTRUCTIBLE.
HAVE THE BEST WORKMANSHIP.

WHO CAN TELL?

After a font of job type is laid in a Job Case, *who can tell* what characters are in the 21 boxes of the Cap part which are above the "A B C" row? Those 21 boxes are practically useless, and they comprise over 40 per cent. of the area of the Cap part.

Too much to lose, that is certain. Now take a look at the

CALIFORNIA JOB CASE.



See how the space is utilized. The Lower Case part occupies the same space as in a regular Job Case. For the Capitals there are the usual 28 boxes, but *they are large*, each measuring $1\frac{1}{4}$ x 3 inches, and at the top of the Case are 7 smaller boxes, $1\frac{1}{4}$ x 2 inches, for odd characters. There is thus afforded ample room for the type, while composition from a case with such large boxes is an easy matter.

The diagram shows that the "lay of the case" is standard, so that there is nothing new to learn, when it comes to composition or distribution.

The size of the full Case is $16\frac{1}{2}$ x $32\frac{1}{4}$ inches, the same as a regular Job (or Italic) case.

The three-quarter size is $26\frac{1}{4}$ x $16\frac{3}{8}$ inches.

Made only in the "Strong Slat" style.

For use in Cabinets these cases are very desirable.

PRICES:

FULL SIZE,	- - - - -	\$1.00
THREE-QUARTER SIZE,	- - - - -	.90

In Cabinet style, with high fronts and drawer pulls, 10 cents more.

SPECIAL CASES MADE TO ORDER.

LIBERAL DISCOUNTS.

HEBER WELLS, 157-159 William St., NEW YORK.

THE INVENTIONS OF THE INGENUITY OF MAN
ARE THE INVENTIONS OF THE INGENUITY OF
THE WORLD IN THE WORLD.

PRINTERS' CASES.



HEBER WELLS,

Successor to
Vanderburgh, Wells & Co.

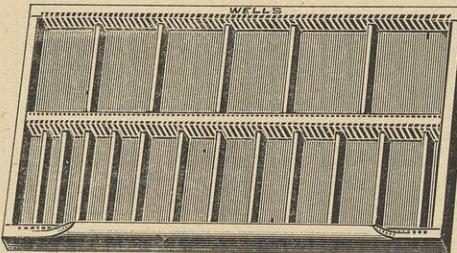


SOLE MANUFACTURER
OF



“Strong Slat Cases.”

ADJUSTABLE LEAD CASE NO. 2.



This is a modification of our No. 1 case; and will be found very convenient for those who wish to lay a great number of sizes in the case. It will take readily for instance such sizes as 6, 7, 8, 9, 10, 12, 14, 15, 16, 18, 20, 22, 24, 25, 26, 30, 32, and 35 lines pica, or any other equivalent sizes, as required.

GOOD FOR . . .
SLUGS, AND
LABOR-SAVING
METAL FURNITURE.

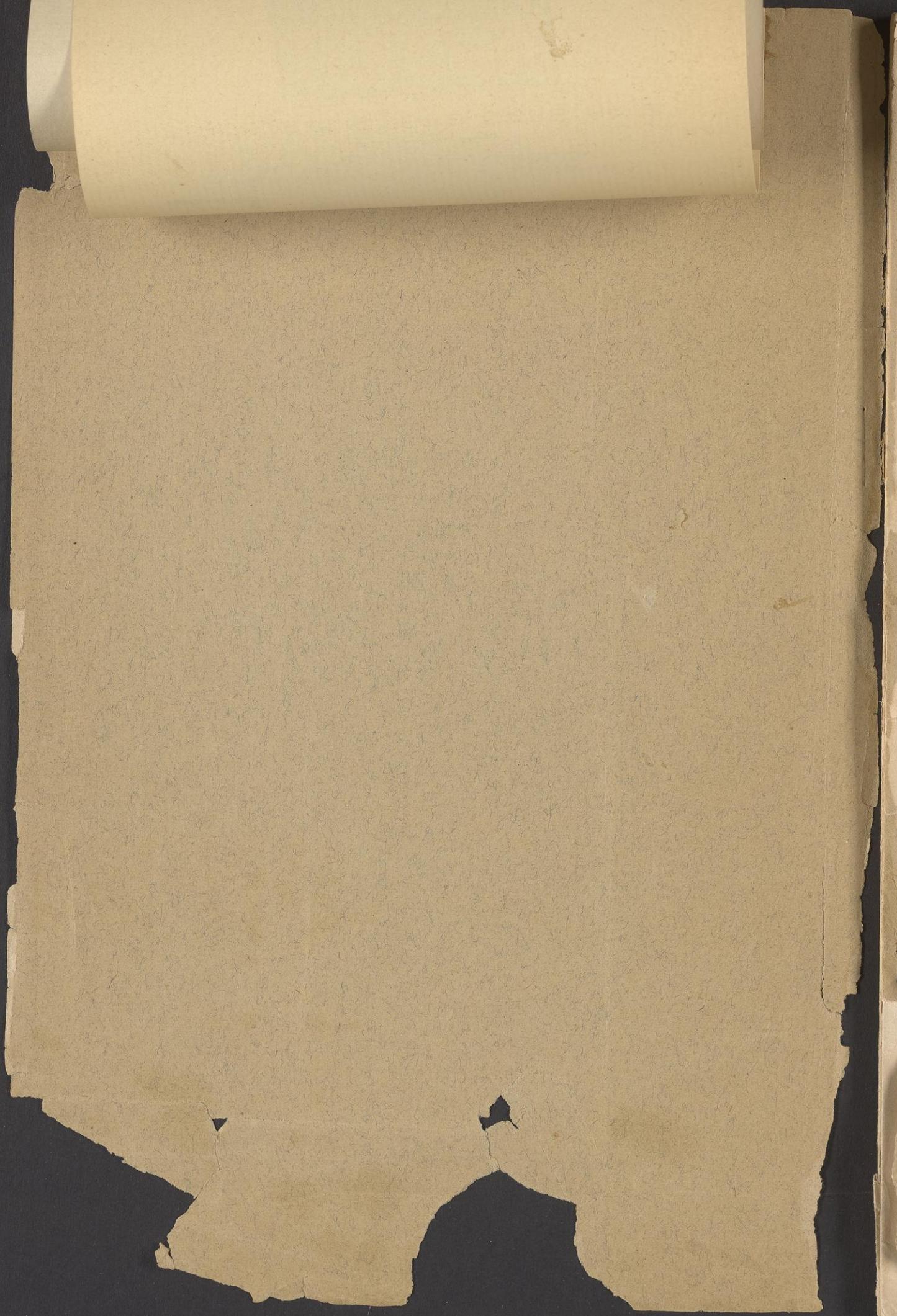
It has adjustable dividing strips, which the printer can fix where he likes.
It is accurately adjusted to picas, holding as small as 3 line.
It will accommodate odd sizes, like 7, 9, or 15 line.
It holds two tiers of leads, slugs, or metal furniture.
It is not required to nail the dividing strips.
It will lie on top of a regular stand, being the size of a News Case.
It is very strongly and neatly made.

Price, with 20 thick strips, - - - - \$1.50

A great variety of Type Cases. LIBERAL DISCOUNTS.

HEBER WELLS,
157-159 William Street, New York.
Factory at Paterson, N. J.





1827 ▷—

—◁ 1864

PRICE LIST, 1892.

HEBER WELLS,

SUCCESSOR TO VANDERBURGH, WELLS & Co.,

MANUFACTURER OF

WOOD TYPE,

CABINETS, CASES, STANDS, ETC.,

AND DEALER IN

PRINTERS' MATERIALS.

WAREHOUSE AND OFFICE:

8 SPRUCE STREET, NEW YORK.

FACTORY AT PATERSON, N. J.

WYNKOOP & HALLENBECK,
Printers,
121 FULTON STREET,
NEW YORK.

To Printers and Publishers.

NEW YORK, January, 1892.

In presenting this Illustrated Catalogue of printers' materials to the trade, I beg to say that it will be my aim to carry out the policy of the late firm of Vanderburgh, Wells & Co., of which I was always a member, so far as to manufacture a high class grade of goods—one that will give satisfaction in the long run. I shall also sell my products at such moderate rates as will prove satisfactory to buyers.

When handling the wares of other manufacturers, I shall endeavor to sell the same on their merits, giving the preference, whenever possible, to articles of the greatest value.

Careful estimates given for outfits or special work in my line, or for goods from other dealers.

The prices given are subject to change without notice.

Very truly yours,

HEBER WELLS,

8 Spruce Street.

In this Price List we do not attempt to make any great display of our unrivaled WOOD TYPE, as space will not permit. To those Printers not supplied with our Specimen Book of Wood Letter, recently issued, we will send a copy upon application. The styles made by us are numerous, and our productions in that department are remarkable for durability and finish.

Our wood type needs no apology. It is of the old, reliable kind, giving a good impression on the press, because it is accurate to type high, and it does not need to be watched at every turn lest some moisture should get on it and ruin it. It is made for service.

Special accent marks supplied for French, Spanish, or Portuguese orders.

WOOD TYPE SORTS to match any type, made at short notice. If ordering by mail, send proofs of the letters wanted; if that is not practicable, send a proof of an E of the same font.

A great variety of Wood Rules on hand.

JOBBING FOR PRINTERS, such as Mortising, Routing, Mounting of Electrototype Plates, etc., done very skillfully.

TYPEFOUNDERS' Setting Sticks, Paging Galleys, and Packing Strips made to order.

Orders for Stereotyping and Electrotyping carefully attended to.

SUGGESTIONS TO PRINTERS.

In ordering goods made by me give the name and the price of the article wanted. If the same be numbered, add that also.

When you order METAL TYPE, RULE, BORDERS, CUTS, etc., give the name of the founder and state the title of the article you want as carefully as possible.

The above suggestion is of value to printers ordering WOOD TYPE. Do not mutilate the specimen books from which you choose.

When you order TYPE for newspaper or book work, state whether or not you want the fonts to contain Italics, Accents, Leaders, Fractions, or Commercial Marks.

In ordering SORTS to match type you have, state the number of the face as well as the size of the body, or, if you cannot do this, send a cap H and a lowercase m (as little used as possible) of the fonts the sorts are to work with; also, state the quantity you wish of each particular sort.

JOB FONTS, such as Title, Antique, Clarendon,

Ornamented, etc. (except Scripts), are put up without spaces and quads. If you wish them to any size body it will be necessary for you to mention when ordering.

When ordering INKS, state the quantity and price per pound of each kind wanted, also the name of manufacturer, if you have any preference.

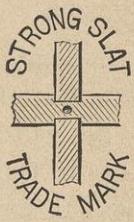
In ordering CHASES, give the kind of chase wanted, the inside and outside dimensions of each, and the width of cross-bars; send a diagram when you can.

Large Cabinets, Imposing Frames, and the like put together with joint bolts, should be set true on the floor by wedges or other means.

If you order special work made, send a diagram if possible, and in giving dimensions fail not to allow for the thickness of the material to be used.

Avoid purchasing badly made wood-work for a printing office, for after a short time it will break down in the weakest part; it will hardly bear removal; and if one would sell it, scarcely anything can be realized from the sale.

TYPE CASES.

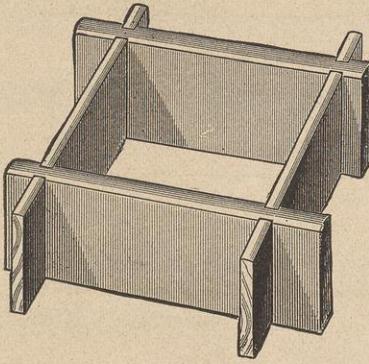


Prominent among our products is the "**STRONG SLAT**" CASE, now so well and favorably known under this *Trade Name*. There is no question among those capable of judging as to this case being the *strongest*, the *best made*, and the *best finished* in the market. It costs a little more than a flimsy, poorly made case, but the value is in the article. *Remember that the fillings are practically indestructible.*

To please some customers we still make cases with ordinary fillings which are well constructed and worth the money, but the "STRONG SLAT" Case is the one for long and good service.

Appended is a summary of its merits.

The engraving shows clearly the construction of the filling. The cross-slats of the case are made a little thicker than usual, and are provided with gains or recesses at the intersections of the other



4th. The fillings are held firmly to the bottom of the case by long wire nails, which pass through the same, and are securely clinched.

PRICES AND SIZES.

FULL SIZE.		Strong Slat.	Ordinary.	TWO-THIRD SIZE.	
Pairs (News).....	per pair,	\$1 75	\$1 60	Pairs	per pair, \$1 50
German.....	"	1 75		Yankee Job	each, 80
Music	"	2 00		Boston Job	" 85
Greek	"	2 00		Rule, No. 4	" 1 00
Hebrew	"	2 00		Blank or Cut	
Job (Italic).....	each,	1 00	90	Improved Wood Type, also known as	
New York Job.....	"	1 00		Script Case, with strips	75
Triple	"	1 00	90		
Paterson Job.....	"	1 00			
Yankee Job.....	"	1 00	90		
Lead, No. 1.....	"	1 00			
" No. 2.....	"	1 00			
" No. 3.....	"	1 00			
Slug	"	1 00			
Quad, No. 1.....	"	1 00			
" No. 2, extra deep	"	1 35			
Labor Saving Rule, No. 1.....	"	1 20			
" " No. 2.....	"	1 25			
" " No. 3.....	"	1 30			
Border	"	1 00			
Blank or Cut	"		65		
Improved Wood Type, No. 1, with					
strips	each,		90		
Improved Wood Type, large, No. 2,					
25 inches deep, with strips	each,		1 25		
Extra Strips for wood type cases, "			04		
Sort, No. 1, extra deep	"	1 50			
" No. 2, "	"	1 50			
Figure Sort	"	1 00			
ROOKER SIZE.					
Pairs (News).....	per pair,	\$1 75			
Job (Italic).....	each,	1 00			
THREE-QUARTER SIZE.					
Pairs	per pair,	\$1 60	\$1 50		
Job (Italic).....	each,	90	80		
Triple	"	90	80		
Yankee Job	"	85	80		
Blank	"		60		
Improved Wood Type, with strips, each,			85		
SMALL SIZES.					
Bookbinders', or Half	each,	\$0 55	\$0 50		
Young America	"		40		
Columbia	"		45		
Figure, No. 1	"		50		
" No. 2	"		65		
Tray, Nos. 2, 4, 6, 8	"				50
N.B.—Cabinet Cases with high fronts and drawer					
pulls are 10 cents each more than regular cases of					
the same kind.					
SIZES OF CASES, IN INCHES.					
Rooker size, News and Job		28 $\frac{1}{2}$	× 14 $\frac{1}{2}$ × 1 $\frac{1}{2}$		
Full size		32 $\frac{1}{4}$	× 16 $\frac{5}{8}$ × 1 $\frac{1}{2}$		
Three-fourth size		26 $\frac{1}{4}$	× 16 $\frac{3}{8}$ × 1 $\frac{3}{16}$		
Two-third size		21 $\frac{3}{8}$	× 16 $\frac{3}{8}$ × 1 $\frac{3}{16}$		
Sort		32 $\frac{1}{4}$	× 16 $\frac{5}{8}$ × 2 $\frac{3}{4}$		
Improved Wood Type, No. 1		32 $\frac{1}{4}$	× 16 $\frac{5}{8}$ × 1 $\frac{1}{2}$		
" " No. 2		32 $\frac{1}{4}$	× 25 × 1 $\frac{1}{2}$		
Bookbinders'		16 $\frac{1}{2}$	× 16 $\frac{5}{8}$ × 1 $\frac{1}{2}$		
Young America and Columbia		13 $\frac{1}{8}$	× 16 $\frac{1}{2}$ × 1 $\frac{1}{8}$		
Figure, No. 1		21 $\frac{3}{8}$	× 8 $\frac{1}{2}$ × 1 $\frac{1}{2}$		
" No. 2		16 $\frac{1}{4}$	× 12 × 1 $\frac{1}{2}$		
Full Cabinet size		32 $\frac{1}{4}$	× 18 $\frac{1}{2}$ × 1 $\frac{1}{2}$		
Three-quarter Cabinet size		26 $\frac{1}{4}$	× 18 $\frac{1}{2}$ × 1 $\frac{3}{16}$		
Two-third Cabinet size		21 $\frac{3}{8}$	× 18 $\frac{1}{2}$ × 1 $\frac{3}{16}$		

TYPE CASES.—CONTINUED.

NEWS UPPER CASE.

NEWS LOWER CASE.

W E L L S														
ff	fl	⁵ E _m	⁴ E _m	,	k	e	1	2	3	4	5	6	7	8
j							i				f	ff	9	
?	b	c		d			s				g	fi	0	
l						o						En	Em	
z	l	m	n	h			y	p	w			qu.	qu.	
x						a				;	:	Quadrates		
q	v	u		t			r			·	-			

ROOKER UPPER CASE.

WELLIS

ROOKER LOWER CASE.

JOB, OR ITALIC CASE.

NEW YORK JOB CASE.

The *Rooker* Cases shown herewith are admirably adapted to newspaper work, as they are smaller than the regular News Case, measuring $28\frac{1}{4} \times 14\frac{1}{4}$ inches, but large enough to hold as much Agate as a compositor can set in a day. The saving of *arm travel* in a day's work by this means is no small item, while the space saved in the alleys of the office is worthy of consideration. *Italic* or *Job* cases are also made of the *Rooker* size.

TRIPLE CASE.

WELLS							
1	2	3	4	5	6	7	
8	9	0	Æ	Œ			
,	;	:	,	,	-		
A	B	C	D	E	F	G	
H	I	K	L	M	N	O	
P	Q	R	S	T	V	W	
X	Y	Z	J	U	\$	&	

This Case holds Caps, Small Caps, Lower Case, and Figures.

PATERSON JOB CASE-

W E L L S							
A	B	C	D	E	F	G	
H	I	K	L	M	N	O	
P	Q	R	S	T	V	W	
X	Y	Z	J	U			
ffl	Æ	(E)					
A	B	C	D	E	F	G	
H	I	K	L	M	N	O	
P	Q	R	S	T	V	W	
X	Y	Z	J	U	\$	&	

"PATERSON JOB CASE."

(TRADE NAME.)

Observe the good points about this case. It is regular full size. It will hold Caps, Small Caps, Lower Case, and Figures. The 56 boxes on the cap end utilize *all the space*, much of which is generally lost, and the boxes are ample in size. The price is the same as our regular Job or Italic "Strong Slat" Case.

For prices and sizes of Cases, see page 4.

TYPE CASES.—CONTINUED.

YANKEE JOB CASE.

SORT CASE, No. 1.

This Sort Case is twice the height of a News Case, and has thick slats.

SORT CASE, No. 2.

WELLS

This Sort Case is twice the height of a News Case, and has thick slats.

QUAD CASE, No. 1.

QUAD CASE, No. 2.

For prices and sizes of Cases, see page 4.

LABOR SAVING RULE CASE, No. 1.
Plainly stamped in Picas for each size, from 1 to 50 lines,
besides the right and left mitres,

LEFT MILE	RIGHT MILE	WELLS
2 21 3 5 54 6 6 5 $\frac{1}{2}$ 5 3 2 $\frac{1}{2}$ 2	1 1 $\frac{1}{2}$	
	2 2 $\frac{1}{2}$	
	3 3 $\frac{1}{2}$	44 45 46 47 48 49 50
	4 4 $\frac{1}{2}$	
	5 5 $\frac{1}{2}$	
	6 6 $\frac{1}{2}$	
	7 7 $\frac{1}{2}$	43 42 41 40 39 38 37
	8 8 $\frac{1}{2}$	
	9 9 $\frac{1}{2}$	
36 35 34 33 32 31 30 29 28		
19 20 21 22 23 24 25 26 27		
18 17 16 15 14 13 12 11 10		

LABOR SAVING RULE CASE, No. 2

Plainly stamped in Picas for each size, from 1 to 36 lines, besides the right and left mitres. In this style of case, the rules stand on their feet and fit the spaces accurately.

WELL 1

WELL 2

WELL 3

WELL

WELL 1

LABOR SAVING RULE CASE, No. 3.

Plainly stamped in Picas for each size, from 1 to 50 lines, besides the right and left mitres. In this style of case, the rules stand on their feet and fit the spaces accurately.

LABOR SAVING RULE CASE, No. 4.

Two-Third Size.

Plainly stamped in Picas for each size, from 1 to 36 lines,
besides the right and left mitres.

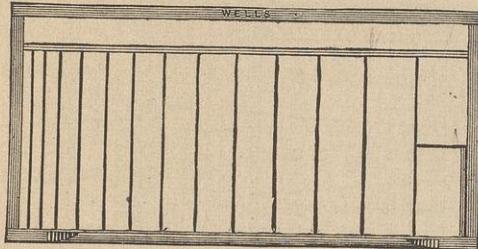
LEFT-MINE								RIGHT-MINE				WELL-S.		
2	2½	3	5	5½	6	6	5½	5	3	2½	2	1	1½	
36	35	34	33	32	31		30	29	28			2	2½	
												3	3½	
												4	4½	
												5	5½	
												6	6½	
												7	7½	
												8	8½	
												9	9½	
19	20	21	22	23	24		25	26	27					
18	17	16	15	14	13		12	11	10					

Quad Case, No. 2, is of the same size as a News Case, but is *one-half deeper*, and is arranged for *six bodies of quads and spaces*. As the series of sizes of a certain body run from left to right, any spillings from above will fall into boxes of a different body, and may be readily discovered. *This is a valuable improvement, and is the invention of a thorough printer.*

TYPE CASES.—CONTINUED.

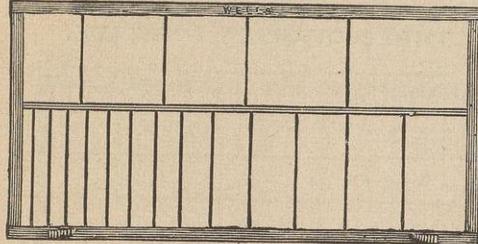
LEAD CASE, No. 1.

Holding two tiers of leads, 4, 4½, 5, 5½, 6, 7, 8, 10, 12, 14, 16, 18, 20, 22, 25 Picas.



LEAD CASE, No. 2.

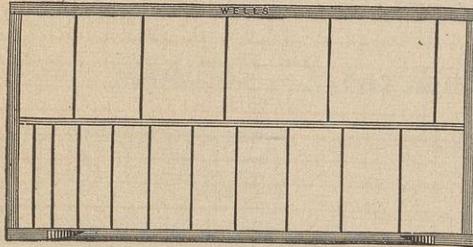
Holding two tiers of leads, 4, 4½, 5, 5½, 6, 7, 8, 10, 12, 14, 16, 18, 20, 22, 25, 30, 35, 40, 45 Picas.



Lead Cases No. 2 and No. 3 make a good series of sizes.

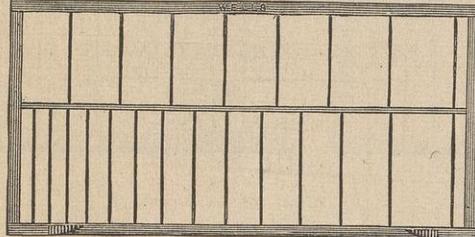
LEAD CASE, No. 3.

Holding two tiers of leads, 6½, 7½, 9, 11, 13, 15, 17, 19, 20, 21, 24, 26, 28, 32, 38, 42 Picas.

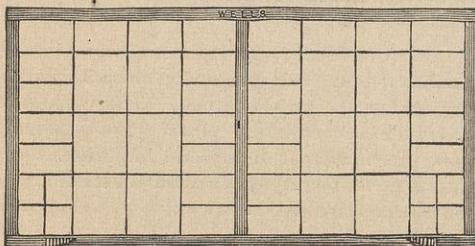


SLUG CASE.

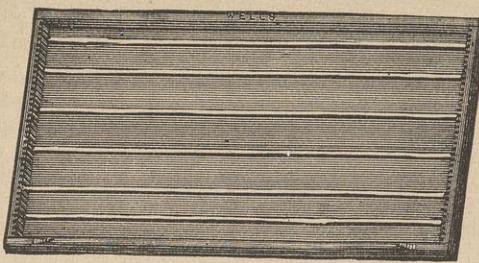
Holding two tiers of slugs or leads. Stamped for each size, viz.: 4 to 25 ems, regularly.



BORDER CASE.



IMPROVED WOOD TYPE CASE.

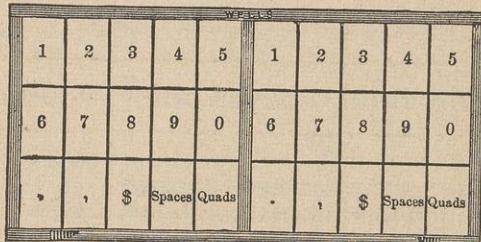


Made in two sizes—see price list.

The above illustration shows our Improved Case for holding Wood Type and large size metal letter for poster work. This Case is found to be admirably adapted to its purpose. The side rails are notched to picas, and the hard wood strips are so made that by reversing them, odd numbered sizes, like 5, 7, or 15 line, will fit properly. In laying the type, all that is necessary is to place the lines of type in the Case and put the dividing strips in place. *No adjusting or nailing is required.*

Extra strips for Wood Type Cases, 4 cents each.

FIGURE SORT CASE.



The boxes in the Figure Sort Case are ample size, being $2\frac{1}{2} \times 4\frac{1}{2}$ inches. The outside measure is the same as a News Case.

FIGURE CASE, No. 1.

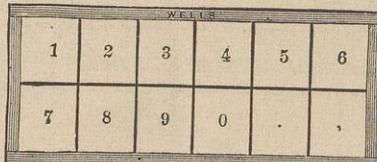
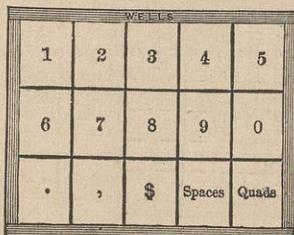


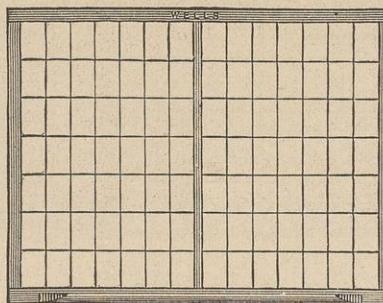
FIGURE CASE, No. 2.



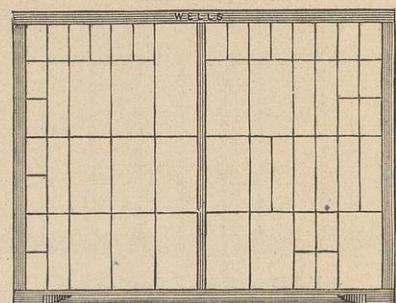
For prices and sizes of Cases, see page 4.

TYPE CASES.—CONTINUED.

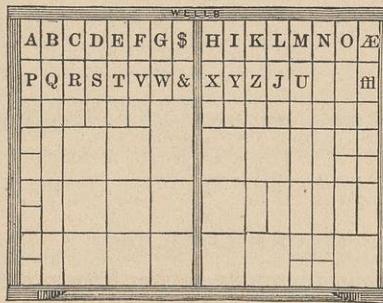
TWO-THIRD CAP CASE.



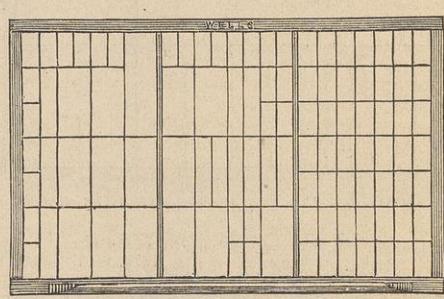
TWO-THIRD LOWER CASE.



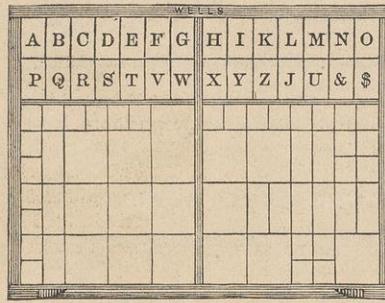
TWO-THIRD YANKEE JOB CASE.



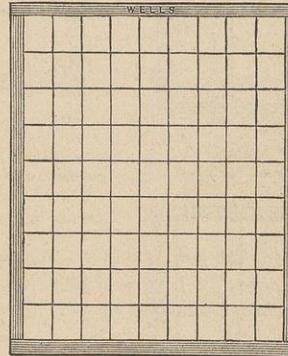
THREE-QUARTER JOB CASE.



TWO-THIRD BOSTON JOB CASE.



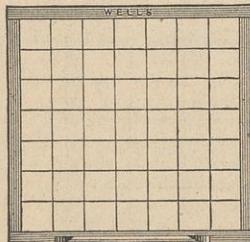
YOUNG AMERICA CASE.



COLUMBIA CASE.

Spaces	Quads	&	\$	1	2
A	B	C	D	E	F
H	I	K	L	M	N
P	Q	R	S	T	V
X	Y	Z	J	U	.
Spaces	Quads	&	\$	1	2
A	B	C	D	E	F
H	I	K	L	M	N
P	Q	R	S	T	V
X	Y	Z	J	U	.

HALF CASE.



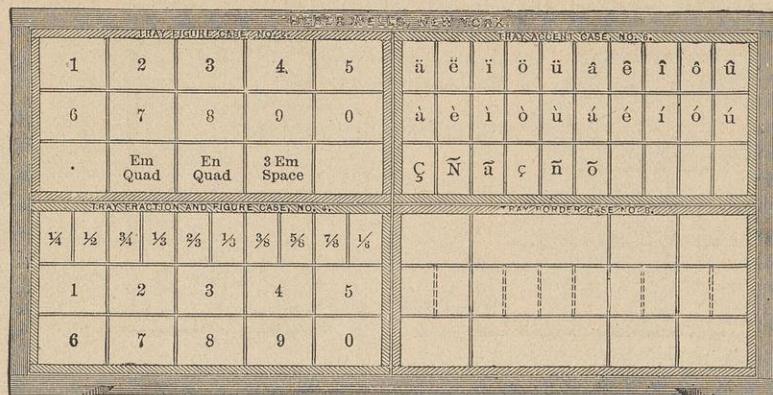
The Young America case or the Columbia case will be found convenient for accents, fractions, etc. The Columbia is arranged in a regular manner for the lay of letter, and will serve for small fonts of capitals and figures.

NOTE.—It is an excellent plan for every office to have a standard whereby to lay the type in cases. This should be printed and posted in a convenient place. For job letter placed in cabinets this matter is of especial importance, and some careful printers go so far as to label the backs of all the cap boxes in use above the cap A row.

For prices and sizes of Cases, see page 4.

TYPE CASES.—CONTINUED.

TRAY CASE (TRADE NAME).



This is a novelty I have just brought out, which, it is believed, will be acceptable to many printers, as it has so many admirable features.

As shown in the above illustration, there is a Blank case of regular size, $32\frac{1}{4} \times 16\frac{5}{8}$ inches, which contains four "Tray Cases" (trade name).

These trays are all of the same size, measuring $7\frac{7}{16} \times 15\frac{1}{4}$ inches, and they go nicely inside an ordinary Blank or Cut case.

The cut shows "Tray Case No. 2" for figures, with points, quads, and spaces. "Tray Case No. 4" is for fractions in the smaller boxes, while in the larger ones there is room for the numerals. "Tray Case No. 6" has thirty boxes for accents, for which there is ample room. "Tray Case No. 8" is for borders, it having irregular boxes. The dotted lines in the cut represent portions of the partitions which are removable. If the printer requires larger boxes for some of his border characters, he has only to lift out the necessary strips.

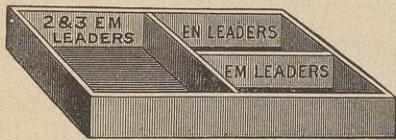
There are some general features of the "Tray Cases" which are worthy of note. They are of uniform size; the boxes are of the proper depth for handling the type; they have a fitting place in a blank case, which goes in a regular Case Stand, in a Case Rack, or in a Cabinet; they are of convenient size for use by the compositor at his stand, or at the imposing table; their adaptability to other purposes than those set forth, such as for signs for mathematical works, dictionaries, special catalogues, etc.; they may be used also for brass spacing rules.

As the frames and partitions are of hard wood, the "Tray Cases" are strong and durable.

PRICES.

No. 2, No. 4, No. 6, or No. 8, . . . each, 50 cents. | Blank Case, each, 65 cents.

LEADER BOX.



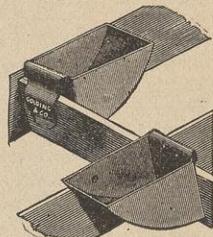
This is a handy little adjunct to the office. It is of light material, but strongly made, and is a general favorite. Size, $5 \times 8 \times 1\frac{3}{4}$ inches.

Price, 15 cents each.

ANNEX TYPE BOX.

This is a brass cup which can be attached to the boxes of the lower case, as shown in the cut. They can be used for holding leaders, fractions, and other sorts which may be required in setting special jobs.

In distributing, they are handy receptacles for odd sorts and italic, until it is convenient to place them in their proper cases.



Each, . . . 20 cents. | Per dozen, . . . \$2.25

PAPER CUTTER STRIPS.

Made from hard Sugar Maple, very accurately.

SCALE OF PRICES.

BY THE DOZEN.

	$\frac{1}{2}$ in. square.	$\frac{5}{8}$ in. square.	$\frac{3}{4}$ in. square.	1 in. square.	$1\frac{1}{4}$ in. square.	$1\frac{1}{2}$ in. square.
24 to 28 in.	.85	\$1.00	\$1.00	\$1.10	\$1.30	\$1.60
29 to 32 in.	\$1.00	1.10	1.10	1.20	1.40	1.80
33 to 36 in.	1.10	1.20	1.20	1.30	1.55	2.10
37 to 40 in.	1.20	1.30	1.30	1.40	1.75	2.30
41 to 44 in.	1.30	1.40	1.40	1.55	2.00	2.50
45 to 48 in.	1.40	1.50	1.50	1.65	2.15	2.60

For prices and sizes of Cases, see page 4.

We make great numbers of these strips. From our experience we know that it is sometimes a subject of annoyance to printers that the printer's joiner does not make the sticks of the right size. This happens even after sending a worn and split stick, with the words, "like sample." To obviate this we would recommend the printer to cut a piece of brass which will just fit across the groove in the bed of his cutter, and attach it to a tag to be returned with the order. As the brass will neither shrink nor swell it may be depended on for a standard for future orders.

CABINETS.

The "REGULAR" Cabinets are handsomely finished in the natural wood and retain a fine appearance for a long time. They are fitted with our best "STRONG SLAT" Cases, have HARD WOOD RUNNERS or SLIDES, and are dust tight and vermin proof.

We will furnish a LOCKING BAR of wood, hinged to the side of the cabinet, to prevent the removal of any of the cases or drawers, with lock, for \$1.50 extra.

HALF, OR BOOKBINDERS' SIZE.

		Regular.	Walnut.
No. 5.	6 Cases, 19 $\frac{1}{4}$ inches high.	\$8 00	\$10 50
" 6.	8 " 24 " "	10 00	12 50
" 7.	10 " 28 $\frac{1}{4}$ " "	12 00	14 00
" 8.	12 " 32 $\frac{1}{4}$ " "	14 00	16 00
	Drawer, 4 $\frac{1}{4}$ inches high, extra.	1 50	1 75

This style measures 19 $\frac{1}{4}$ inches wide by 19 $\frac{1}{4}$ inches deep.

TWO-THIRD SIZE.

Containing Yankee Jobs, unless Caps or Pairs are preferred.

No. 8 $\frac{1}{2}$.	10 Cases, 27 $\frac{1}{4}$ inches high.	\$15 50	\$17 50
" 9.	12 " 31 " "	17 50	19 50
" 10.	16 " 38 $\frac{1}{4}$ " "	22 00	25 00
" 11.	20 " 45 $\frac{1}{4}$ " "	26 50	31 00

With Galley-top, \$2.00 extra. This style measures 23 $\frac{1}{4}$ inches wide by 19 $\frac{1}{4}$ inches deep.

THREE-QUARTER SIZE.

Containing Three-Quarter Job Cases.

No. 11 $\frac{1}{2}$.	10 Cases, 27 $\frac{1}{4}$ inches high.	\$18 00	\$21 00
" 12.	12 " 31 " "	21 00	24 50
" 13.	16 " 38 $\frac{1}{4}$ " "	26 50	30 50
" 14.	20 " 45 $\frac{1}{4}$ " "	31 00	35 00

With Galley-top, \$2.00 extra. This style measures 28 $\frac{1}{4}$ inches wide by 19 $\frac{1}{4}$ inches deep.

FULL SIZE.

Containing Jobs, unless Triples or Pairs are preferred.

No. 15.	16 Cases, 42 $\frac{1}{4}$ inches high.	\$30 00	\$34 00
" 16.	20 " 51 $\frac{1}{4}$ " "	35 00	39 50

With Galley-top, \$2.50 extra. This style measures 35 $\frac{1}{4}$ inches wide by 19 $\frac{1}{4}$ inches deep.

FOR WOOD TYPE, FULL SIZE.

No. 21.	16 Wood Type Cases, with strips.	\$28 00	\$32 00
" 22.	20 " " "	32 50	36 50

For sizes, see Nos. 15 and 16 above. With Galley-top, \$2.50 extra.

For description of Wood Type Cases, see page 7.

"JERSEY" CABINETS.

This is a cheaper grade of Cabinets than our "REGULAR," but they are very well made of good, serviceable materials. The cases are not "STRONG SLAT," but the stuff in them is so good, and they are so well constructed, as to give great satisfaction.

Stained to imitate cherry wood, nicely varnished, and fitted with bronzed pulls, the Cabinets present an attractive appearance.

		Flat.	Galley-top.
No. 40.	12 Two-third Jobs.	\$15 00	\$17 00
" 42.	16 " " "	18 50	20 50
" 44.	20 " " "	22 00	24 00
		Flat.	Galley-top.
No. 46.	12 Three-quarter Jobs.	\$18 00	20 00
" 48.	16 " " "	22 00	24 00
" 50.	20 " " "	26 00	28 00
		Flat.	Galley-top.
No. 52.	12 Full Jobs or Triples.	\$22 00	\$24 50
" 54.	16 " " "	26 00	28 50
" 56.	20 " " "	30 00	32 50

See pages 5 and 8 for Diagrams of Cases.

CABINETS FOR ELECTROTYPEs, ETC.

These Cabinets of blank drawers for Cuts and Electrotype are in every respect equal to our "REGULAR" Cabinets of Cases for strength and finish, and match them in size and appearance.

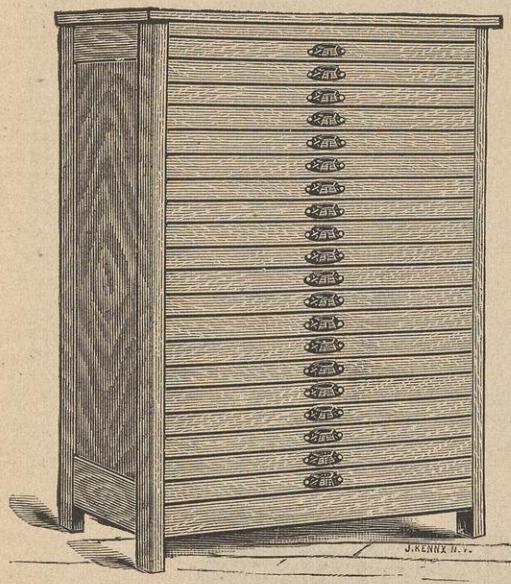
No. 27.	10 Half size.	Flat.	Galley-top.
" 28.	12 " " "	10 50	12 00
No. 29.	10 Two-third	Flat.	Galley-top.
" 30.	12 " " "	12 50	14 50
" 31.	16 " " "	14 00	16 00
" 32.	20 " " "	17 00	19 00
		Flat.	Galley-top.
No. 33.	12 Three-quarter	Flat.	Galley-top.
" 34.	16 " " "	17 50	19 50
" 35.	20 " " "	21 75	23 75
		Flat.	Galley-top.
No. 17.	16 Full size.	Flat.	Galley-top.
" 18.	20 " " "	24 50	27 00
		28 00	30 50

See page 31 for Brass Label Holders for Cabinets.

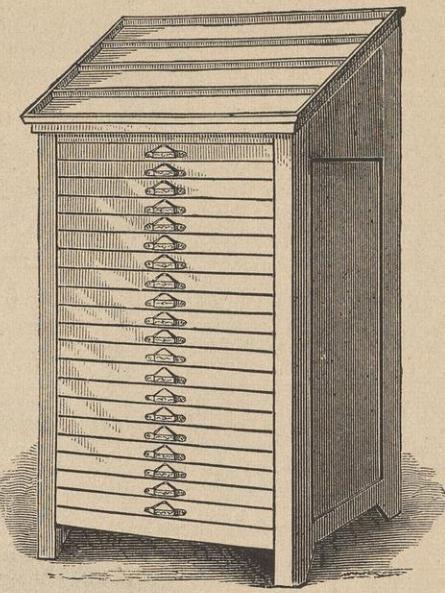
No. 1. EA
quarter
6 Triple
making
fonts o
dead m
No. 2. CA
Two-th
4 Triple
Cases

CABINETS.—CONTINUED.

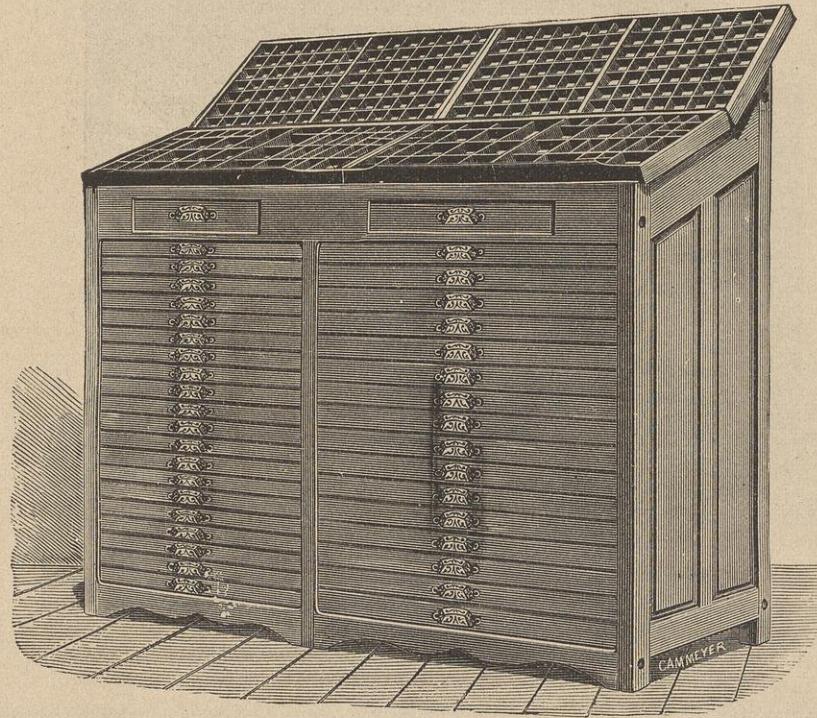
No. 16.—FULL SIZE.



No. 11.—TWO-THIRD SIZE.



No. 1.—EAGLE CABINET.



Regular. Walnut. Boxing and Cartage.

No. 1. EAGLE, 63 $\frac{1}{4}$ inches wide by 26 $\frac{1}{4}$ inches deep. Contains 20 Three-quarter Job Cases on left side. On the right side there are 10 Job and 6 Triple Cases. There are also 2 Drawers for copy, and 2 pairs on top, making in all **40 Cases, all "Strong Slat,"** capable of holding 50 founts of type. There is also good shelf room beneath the top cases for dead matter.

\$70 00 \$80 00 \$3 00

No. 2. CALIFORNIA, 59 inches wide by 26 $\frac{1}{4}$ inches deep. Contains 14 Two-third Cases, with drawer, on left side. On the right side, 6 Jobs, 4 Triples, and 2 Pairs of Cases; also 2 pairs on top, making in all **32 Cases, all "Strong Slat."** Ample shelf room beneath the top Cases.

60 00 70 00 3 00

CASE STANDS.

Our Case Stands are accurately made by machinery, the parts being interchangeable.

No.	Description.	Dimensions.	Price.
1.	Single, with racks for 8 two-third cases	24½ in. wide by 26½ in. deep	\$3 75
2.	" " " 14 " "	24½ " 26½ " "	4 50
2½.	" " " 8 three-quarter cases	30 " 26½ " "	4 00
3.	" " " 8 full cases	36½ " 26½ " "	4 00
3½.	" " " 14 " "	36½ " 26½ " "	4 75
5.	Double, " " 8 full cases	59 " 26½ " "	4 50
9.	" " " 20 " "	70 " 26½ " "	6 25
11.	" " " 16 " and galley rest*	70 " 26½ " "	6 25
12.	" " " 8 full cases and 8 two-third cases	59½ " 26½ " "	5 25
14.	" " " 12 " 16 " "	59½ " 26½ " "	6 00
16.	Eagle, " " " 12 " 16 three-quarter cases	64 " 26½ " "	6 25
17.	Eureka (Cabinet) Stand, of 12 racks, enclosed and varnished, and having drawer, without cases, see page 13	36½ " 26½ " "	12 00
18.	City, single, with racks for 15 full cases and galley shelf	36½ " 26½ " "	5 75
19.	" double, " " " 30 " " 2 galley shelves	70 " 26½ " "	8 00

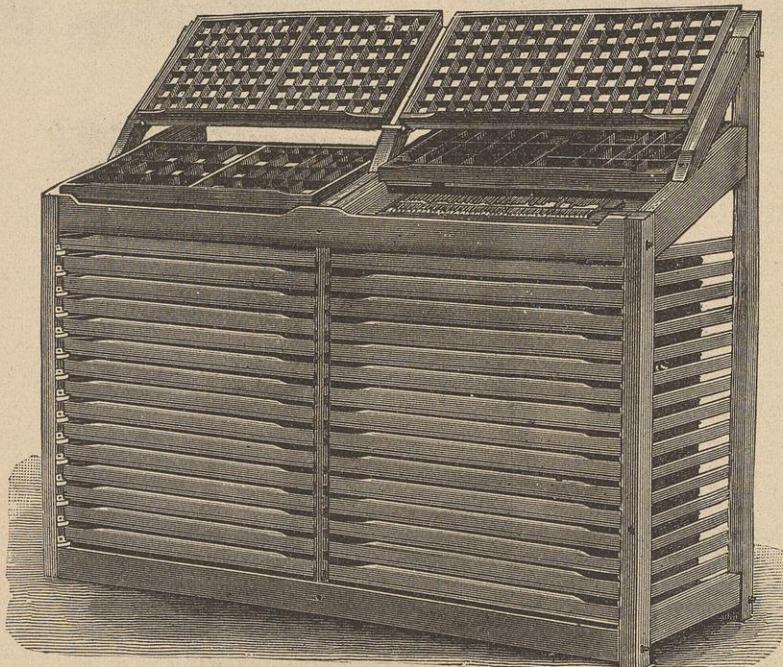
Extra Slides for Stands, 5 cents each. Extra Elbows for Stands, 25 cents each.

Stands with closed ends, \$2.00 extra.

NOTE.—Stands No. 3 and No. 5, adapted to Rooker Cases, at the same prices.

* A GALLEY REST is a light board about nine inches wide, which, placed between the pairs of top cases, is convenient to place a Galley upon. Price, 25 cents.

No. 19.—CITY STAND.



Among our large assortment of Stands is the "CITY STAND," of which the above cut is a good illustration.

There are some features about it which require explanation. The Upper Case is brought forward and raised enough to allow the Lower Case to be pushed beneath it to the rear of the Stand. This movement of the Lower Case uncovers a SHELF TO HOLD A GALLEY to empty matter upon.

The advantages of this Stand are:

- 1st. Bringing the Upper Case nearer the compositor, thus saving considerable distance to be traveled by his hand.
- 2d. The Stands can be placed closely together, back to back, as the Upper Case does not protrude to the rear.
- 3d. Convenience for emptying matter upon the galley without leaving the Stand. Besides a gain in time, and saving galley space elsewhere, it brings the galley directly under the control of the compositor at work on the job.
- 4th. The economy of space, Single Stands having FIFTEEN and Double Stands THIRTY racks for full size cases.

PRICES.

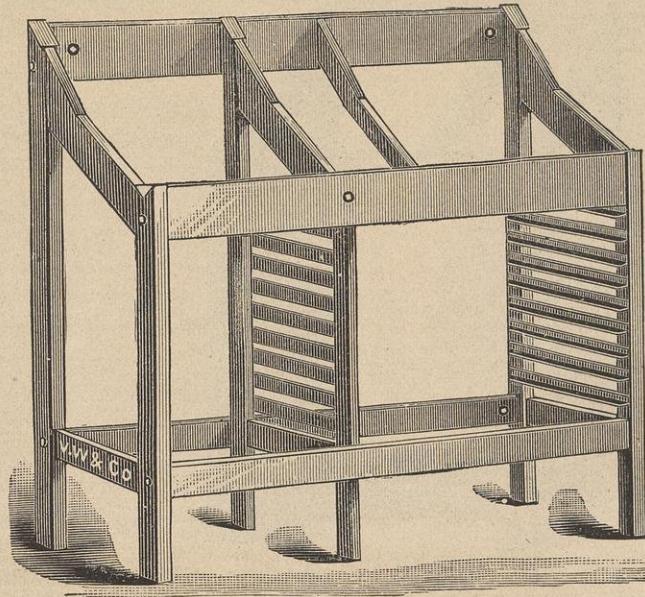
City Stand, single, without cases	\$5 75
double, "	8 00

As shown
Through the
By this means
of the galleys
the dust can
be attracti

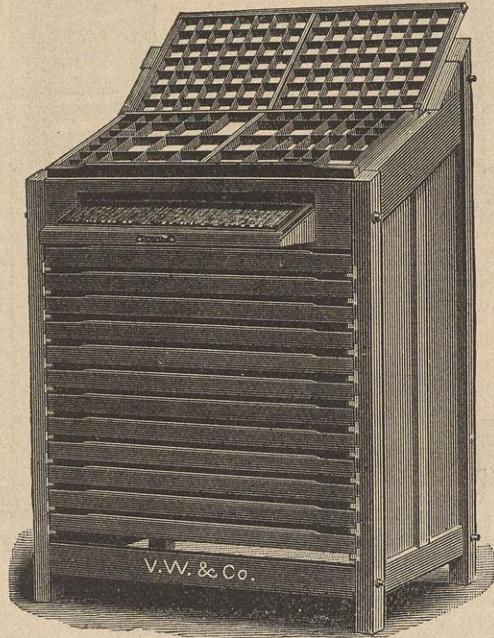
As these

CASE STANDS.—CONTINUED.

No. 5.—DOUBLE STAND.



No. 17.—EUREKA STAND, OR CABINET.



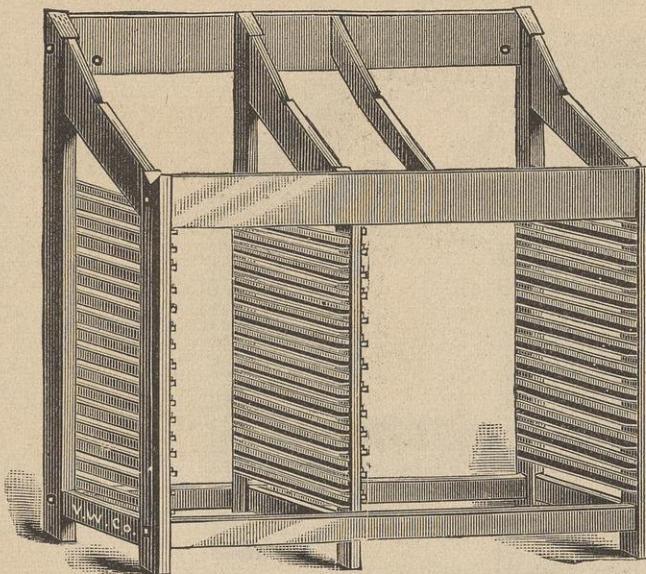
As shown in the cut, it is an enclosed Single Stand, or Cabinet, with racks for 12 full size cases. Through the top rail of the Stand slides a drawer, the front of which has a sloping shelf to hold a galley. By this means the compositor has his galley under his direct control, and in a very convenient place. Back of the galley is a drawer space, $13 \times 23 \times 3\frac{1}{2}$ inches, which may be used to advantage. A shelf to keep out the dust covers the drawer completely, and it may be used to place dead matter upon if desired.

As these Stands are very carefully made, and are stained and varnished to match our Cabinets, they are attractive in appearance.

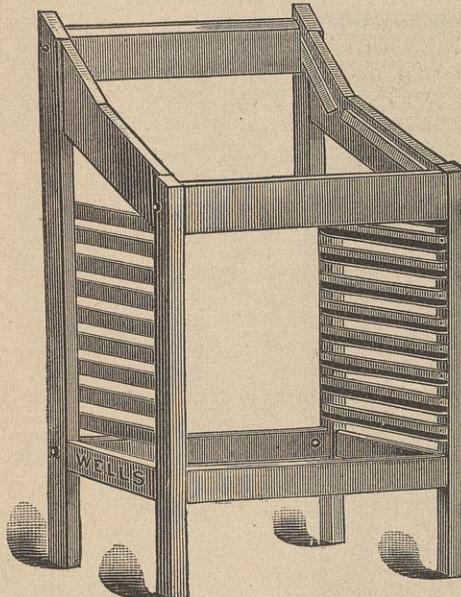
Price, without cases.....	\$12 00
Boxing and cartage.....	1 25

CASE STANDS.—CONTINUED.

No. 14.—DOUBLE STAND.



No. 3.—SINGLE STAND.



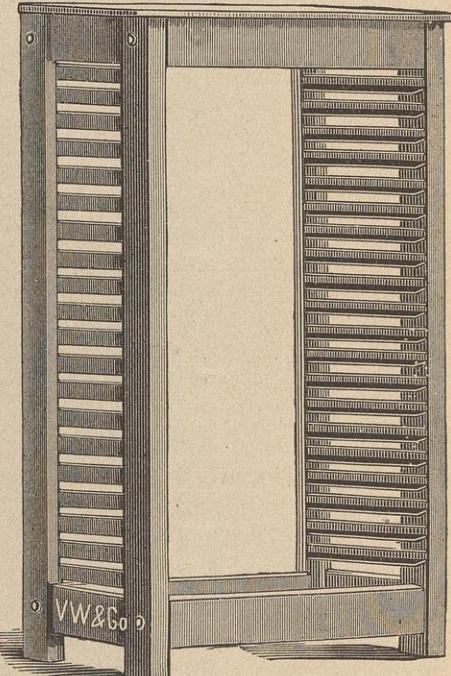
A WORD ABOUT CASE STANDS.

Many printers are not aware of the great amount of space to be saved by using stands with many racks. Take our No. 16, the Eagle Stand, for instance, covering on the floor a space of sixty-four inches by twenty-six and a half inches. On the right side there is room for twelve fonts, on the left sixteen, and two more in the top cases, making a total of *thirty fonts*, as against ten fonts, all told, which may be put in the regular double stand of eight racks.

The "City Stand" shows this saving of space in a still greater degree.

See the list page 12.

CASE RACK.



CASE RACKS.

	Plain.	Enclosed Sides and Back.
Single, to hold 12 cases, full size, 41 $\frac{1}{2}$ in. high.	\$6 00	\$8 50
" 16 " " 50 $\frac{1}{2}$ "	7 00	9 50
" 20 " " 60 $\frac{1}{2}$ "	8 00	11 00
" 24 " " 69 $\frac{1}{2}$ "	9 00	12 00
" 30 " " 84 " "	10 00	13 00
Double, to hold 32 cases, full size, 50 $\frac{1}{2}$ in. high.	12 50	16 00
" 40 " " 60 $\frac{1}{2}$ "	14 00	17 00
" 60 " " 84 " "	18 00	22 50

High racks have cross rails mid-way, to prevent spreading.

When required we make enclosed Case Racks trimmed with moldings, and painted or grained. Locking bars, to prevent cases from being removed, furnished to order.

LA

This is a handy
is done by a m
it will not fit
rate to size. It
plus long.

—Single case
— " "
—Double case
— " "
—Half case of
—A font of 560

In the following
is from 2 to
—Single case
— " "
—Double case
— " "
—A font of 560

NOTE.—The pa
shelf.

EGLET,

"RED END

ed to Pica...
ot Primer...
line Pica...
line and 4 line P...
and 6 line Pica...
and 8 line "
and 10 line "
and 12 line "
and 14 line "
and 16 line "
ed Side Stick...
High

CHERRY, "
pared to Pica
ot Primer and
line and 4 line P...
and 6 line Pica
Side Stick...
Other lengths
Our assortme
The trade-ma
ularity. The
Reglet and I
the point syste
For price

10 pieces, 10 en
" 15
" 20
" 25
" 30

LABOR SAVING WOODEN FURNITURE.

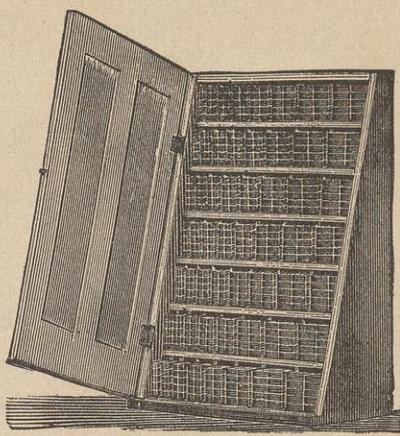
This is a handy article to have in a well equipped office, for it is so easy to keep things in order, if it is done by a method. A piece of furniture 40 picas long, for instance, belongs in the 40 em space, and it will not fit elsewhere. The furniture is well oiled and accurate to size. It runs from 2 to 12 ems pica wide, by 10 to 50 picas long.

In varnished case, with door.		
No. 1—Single case of	560 pieces with partitions	\$10 00
" 2—	560 " without partitions	8 00
" 3—Double case of	1,120 " with partitions	18 00
" 4—	1,120 " without partitions	15 00
" 6—Half case of	280 " without partitions	5 00
" 8—A font of	560 pieces in a box, without a case	5 00

In the following numbers the furniture *runs longer* but *not so wide*, viz.: from 2 to 10 picas wide, by 10 to 60 picas long.

No. 10—Single case,	560 pieces, with partitions	\$10 00
" 11—	560 " without partitions	8 00
" 12—Double case,	1,120 " with partitions	18 00
" 13—	1,120 " without partitions	15 00
" 15—A font of	560 pieces in a box, without a case	5 00

NOTE.—The partitions above mentioned are thin uprights to separate the different widths on the same shelf.



REGLET, FURNITURE, SIDESTICKS, AND BEARERS.

"RED END" CHERRY. 36 IN. LONG.

Pearl to Pica.....	per yard,	2 cents.	Pearl to Pica.....	per yard,	1½ cents.
Great Primer.....	"	3 "	Great Primer.....	"	2 "
2 line Pica.....	"	3 "	2 line Pica.....	"	2 "
3 line and 4 line Pica.....	"	4 "	3 line and 4 line Pica.....	"	3 "
5 and 6 line Pica.....	"	5 "	5 and 6 line Pica.....	"	4 "
7 and 8 line "	"	6 "	7 and 8 line "	"	5 "
9 and 10 line "	"	7 "	9 and 10 line "	"	6 "
11 and 12 line "	"	8 "	11 and 12 line "	"	7 "
13 and 14 line "	"	10 "	13 and 14 line "	"	8 "
15 and 16 line "	"	12 "	15 and 16 line "	"	10 "
Beveled Side Sticks from $\frac{1}{2}$ inch to $1\frac{1}{4}$ inch.....				per yard,	6 cents.

High Cherry, for Electrotypers' use, 20 per cent. higher than the above prices.

Bearers, of hard wood, per yard, from 8 cents and upward.

CHERRY, "MAMMOTH" LENGTH.

Nonpareil to Pica.....	per length of 44 in.,	3 cts.
Great Primer and 2 line Pica	" " "	4 "
3 line and 4 line Pica.....	" " "	5 "
5 and 6 line Pica.....	" " "	7 "
Side Sticks.....	" " "	8 "

Other lengths and widths made to order.

Our assortment of Reglet, Furniture and Side Sticks is very complete.

The *trade-mark* "Red End" is a sure guarantee of its excellence, and the demand for it is a proof of its popularity. The Cherry sizes are well oiled.

Reglet and Furniture cut to pica lengths accurately. If desired, it will be made to conform in body to the point system.

For prices of Wood Rule, see page 48.

PINE, "MAMMOTH" LENGTH.

Nonpareil to Pica.....	per length of 44 in.,	2 cts.
Great Primer and 2 line Pica	" " "	3 "
3 line and 4 line Pica.....	" " "	4 "
5 and 6 line Pica.....	" " "	6 "

CHERRY REGLET CUT TO LENGTHS.

NONPAREIL OR PICA.

100 pieces, 10 ems long.....	15 cents.	100 pieces, 35 ems wide.....	40 cents.
100 " 15 "	20 "	100 " 40 "	45 "
100 " 20 "	25 "	100 " 50 "	55 "
100 " 25 "	30 "	100 " 60 "	65 "
100 " 30 "	35 "	100 " 70 "	75 "

BRASS DASHES.

8 CENTS EACH.

No. 2.



No. 7.



No. 8.



No. 10.



No. 14.



No. 25.



No. 31.



No. 38.



No. 40.



No. 51.



BRASS RULE.

No.	Point.	PER FT.	No.	Point.	PER FT.
No. 101.	12 to Pica—1 Point.	5 cts.	No. 183.		9 cts.
No. 102.	10 to Pica.	5 cts.	No. 184.		9 cts.
No. 103.	8 to Pica—1½ Point.	5 cts.	No. 188.		9 cts.
No. 104.	6 to Pica—2 Point.	7 cts.	No. 190.		9 cts.
No. 105.	5 to Pica.	9 cts.	No. 196.		20 cts.
No. 106.	4 to Pica—3 Point.	11 cts.	No. 114.		10 cts.
No. 107.	3 to Pica—4 Point.	16 cts.	No. 117.		16 cts.
No. 108.	Agate—5½ Point.	20 cts.	No. 118.		16 cts.
No. 109.	Nonpareil—6 Point.	25 cts.	No. 120.		20 cts.
No. 110.	Minion—7 Point.	30 cts.	No. 123.		11 cts.
No. 111.	Brevier—8 Point.	35 cts.	No. 124.		16 cts.
No. 112.	Long Primer—10 Point.	45 cts.	No. 134.		16 cts.
No. 225.		6 cts.	No. 129.		20 cts.
No. 180.		9 cts.	No. 137.		25 cts.
			No. 140.		20 cts.
			No. 149.		25 cts.
			No. 150.		30 cts.

CIRCULAR QUADS.



Full font, 96 pieces \$3 50
One-Third font, 32 pieces 1 25

CORNER QUADS.

Per set of four, 15 cts.

Cast on Nonpareil and Pica bodies, $\frac{3}{4}$ inch high. They insure a better junction of mitred corners in rule work.

The cuts show actual size.

NEWSPAPER RULES.

No. 1.	Infant Dash.	4 cts.
No. 3.	Local Dash.	4 cts.
No. 5.	Advertising.	3 cts.
No. 7.	Classification.	3 cts.
No. 9.	Paragraph.	7 cts.
No. 11.	Paragraph.	7 cts.
No. 13.	Full Cut-off.	6 cts.

PERFORATING RULE.

		Per foot.
No. 213	Brass, 2 point	15 cts.
" 214	" 3 "	18 "
" 215	Steel, 3 "	75 "
" 216	" 3 "	75 "
" 217	" 3 "	75 "

STEEL CUTTING RULE.

FOR PAPER BOXES.

	Per foot.
2 point, regular	25 cts.
2 " bright and hard	40 "
3 " regular	40 "

BRASS SCORING RULE.

FOR PAPER BOXES.

2 point	8 cts.
3 " "	12 "

BRASS COLUMN RULES.

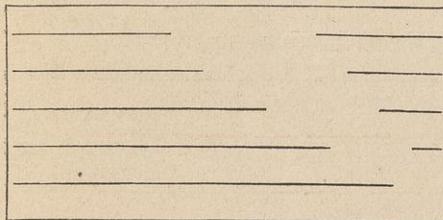
12 inches and under	
16 "	
20 "	
24 "	

6 Point.	7 Point.	8 Point.	9 Point.
30 cts.	36 cts.	42 cts.	45 cts.
40 cts.	48 cts.	56 cts.	60 cts.
50 cts.	60 cts.	70 cts.	75 cts.
60 cts.	72 cts.	82 cts.	90 cts.

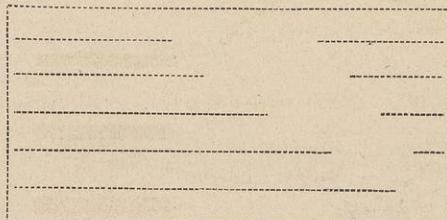
Notch included in sizes above given.

LABOR SAVING RULE.

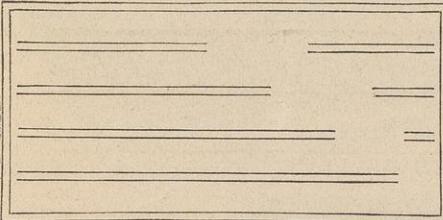
No. 104, \$1.65 per lb.



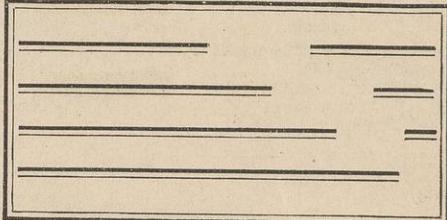
No. 183, \$1.65 per lb.



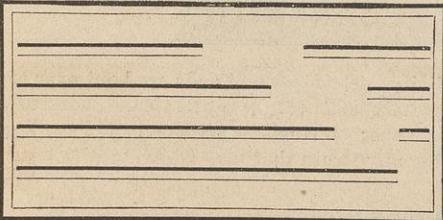
No. 118, \$1.50 per lb.



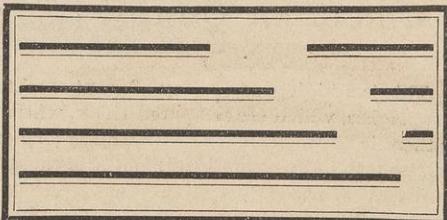
No. 124, \$1.50 per lb.



No. 149, \$1.40 per lb.

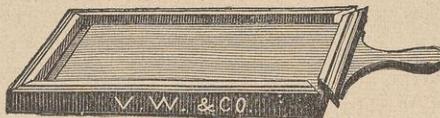


No. 137, \$1.40 per lb.



GALLEYS.

SLICE GALLEYS. ALL WOOD.



Mahogany slice and rims, well oiled.

Octavo,	6 × 10 inside	\$3.00
Quarto,	8½ × 13 "	3.50
Medium,	10 × 16 "	4.00
Royal,	12 × 18 "	4.50
Sup. Royal,	14 × 21 "	5.00
Imperial,	15 × 22 "	5.75
Republican,	18 × 25 "	6.50

PROOF GALLEYS. ALL WOOD.



All Mahogany, well oiled.

Single Column,	4½ × 25 inches inside	\$0.65
Double	" 7 × 25 "	80

ALL WOOD GALLEYS.



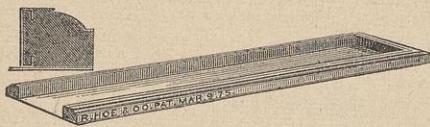
All Mahogany, well oiled.

Size.	Half Rim.	Full Rim.	Size.	Half Rim.	Full Rim.
5 × 10	\$0.25	\$0.35	7 × 10	\$0.35	\$0.45
5 × 12	.30	.40	7 × 12	.40	.50
5 × 14	.35	.45	7 × 14	.50	.65
5 × 16	.40	.55	7 × 16	.55	.75
5 × 18	.45	.60	7 × 20	.70	.90
5 × 20	.50	.65	8 × 12	.45	.55
5 × 22	.55	.75	8 × 14	.55	.70
5 × 24	.60	.80	8 × 16	.60	.80
6 × 10	.30	.40	8 × 18	.70	.90
6 × 12	.35	.45	8 × 20	.80	1.00
6 × 14	.40	.50	8 × 24	.95	1.05
6 × 16	.45	.60	9 × 12	.55	.70
6 × 18	.50	.65	9 × 14	.60	.75
6 × 20	.60	.80	9 × 16	.65	.85
6 × 24	.70	.90	9 × 18	.70	.90

NOTE.—Half Rim Galleys, like shown in the cut, have rims on *one side* and one end—known as Common Galleys. Full Rim Galleys have rims on *two sides* and one end, similar to a Proof Galley. They are much stronger than the Common Galleys.

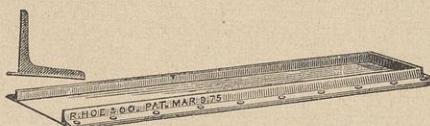
HOE'S BRASS LINED GALLEYS. WITH BRASS BOTTOMS.

The wood rim has a brass lining driven into it, as shown in the cut, thus doing away with screws, leaving the surfaces unbroken.



	Half lined, Inches 1 side & 1 end, inside. with brass.	Full lined, 2 sides & 1 end, with brass.
Single Column.	3½ × 23½ \$1.75	\$2.00
Double "	6½ × 23½ 2.25	2.50
Amateur Single Column.	3½ × 11½ .75	1.00
Extra "	5 × 23½ 2.00	2.25

HOE'S ANGLE RIM ALL BRASS GALLEYS.



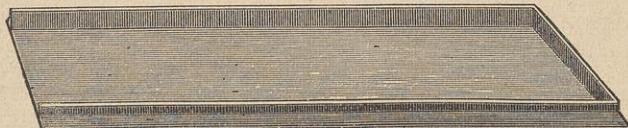
Made with bent corners. For strength and durability they are unsurpassed.

	Inches inside. Price.
Single Column.	3½ × 23½ \$2.75
Double "	6½ × 23½ 3.25

HOE'S JOB GALLEYS. WITH BRASS BOTTOMS.

Inches inside.	Wood Rim.	Patent Brass lined.	Inches inside.	Wood Rim.	Patent Brass lined.	
Octavo,	6 × 10	\$1.25	\$1.50	Royal,	12 × 18	\$3.25
Quarto,	8½ × 13	1.75	2.00	Sup. Royal,	14 × 21	4.75
Foolscap,	9 × 14	2.25	2.50	Imperial,	15 × 22	5.50
Medium,	10 × 16	2.50	3.00	Republican,	18 × 25	8.50

DEARING ALL BRASS GALLEYS.



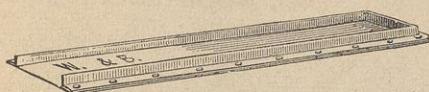
This is a high grade galley of great mechanical simplicity. The sides and ends are bent over to meet the uprights, which are nonpareil thick, where they are securely fastened. It is practically indestructible, for there is no wood to warp or rot away; no screws to come out; no rivets to get loose. It has a rigidity and strength quite exceptional, and it is capable of resisting any strain that may be brought to bear upon it.

Single Column.	\$2.00	Double Column.	\$2.75
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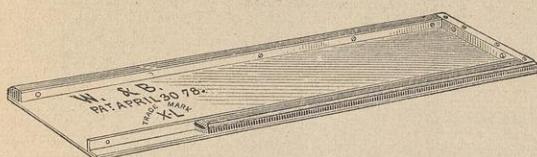
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GALLEYS.—CONTINUED.

ANGLE GALLEYS. ALL BRASS.



WALKER & BRESNAN'S PATENT X L GALLEYS.

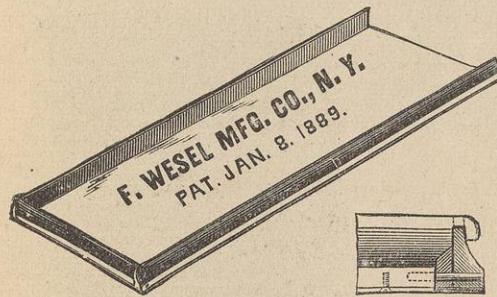


Patent Single Column	\$2 00
Double " "	2 25

PRICE.

Single Column	\$2 75
Double " "	3 25

PATENT ALL BRASS "SUCCESS" GALLEYS.



NEWSPAPER GALLEYS.

Single	3 $\frac{3}{4}$ × 23 $\frac{3}{4}$ in. inside	\$2 00
Single	3 $\frac{3}{4}$ × 15 $\frac{3}{4}$ " " 1 75	
Single	3 $\frac{3}{4}$ × 11 $\frac{3}{4}$ " " 1 50	
Medium	5 × 23 $\frac{3}{4}$ " " 2 25	
Double	6 $\frac{1}{4}$ × 23 $\frac{3}{4}$ " " 2 50	
Mailing Galley	6 $\frac{1}{4}$ × 23 $\frac{3}{4}$ " " 3 25	

Other sizes made to order.



END VIEW.

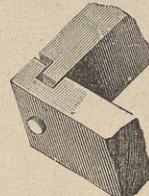
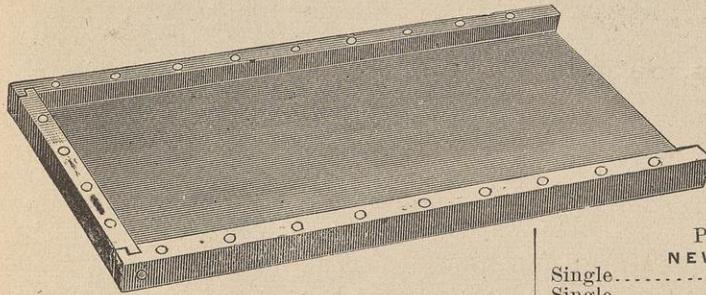
These Galleys are not surpassed by any in the market. In their construction great strength is obtained by screws which pass through the bottom and sides, preventing the rims from warping or parting from the brass, and thus giving the full effect of a solid rim.

The X L Galleys are made accurately and have a fine finish, and cannot fail to give satisfaction.

JOB GALLEYS.

Octavo	6 × 10 in. inside	\$1 50
Quarto	8 $\frac{3}{4}$ × 13 " " 2 00	
Foolscap	9 × 14 " " 2 50	
Medium	10 × 16 " " 3 00	
Royal	12 × 18 " " 3 75	
Super Royal	14 × 21 " " 4 50	
Imperial	15 × 22 " " 5 00	
Republican	18 × 25 " " 6 00	

"LIBERTY" ALL BRASS GALLEYS.



SHOWING CORNER LOCK.

PRICES AND SIZES.

NEWSPAPER GALLEYS.

Single	3 $\frac{3}{4}$ × 23 $\frac{3}{4}$ in. inside	\$2 00
Single	3 $\frac{3}{4}$ × 15 $\frac{3}{4}$ " " 1 75	
Single	3 $\frac{3}{4}$ × 11 $\frac{3}{4}$ " " 1 50	
Medium	5 × 23 $\frac{3}{4}$ " " 2 25	
Double	6 $\frac{1}{4}$ × 23 $\frac{3}{4}$ " " 2 50	

JOB GALLEYS.

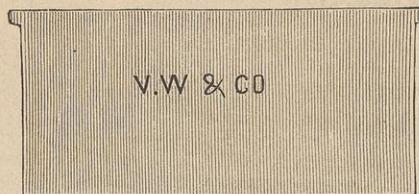
Octavo	6 × 10 in. inside	\$2 00
Quarto	8 $\frac{3}{4}$ × 13 " " 2 50	
Foolscap	9 × 14 " " 2 75	
Medium	10 × 16 " " 3 00	
Royal	12 × 18 " " 3 50	
Super Royal	14 × 21 " " 4 00	
Imperial	15 × 22 " " 4 50	
Republican	18 × 25 " " 5 00	

The cuts show the superior construction of this Galley, and it is evident that great strength is secured. The head-piece, as shown, is notched so as to enter the side pieces, where it becomes riveted so that it cannot be pushed out. As the bottom is fastened to the rim pieces by rivets, which pass entirely through the rim and bottom, it makes an indestructible joint.

The "Liberty" Galley is guaranteed for three years.

 See page 20 for Galley Cabinets.

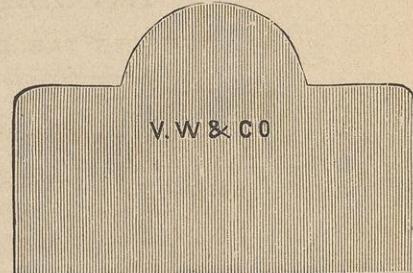
STEEL COMPOSING RULES.



Up to 13 ems.....	15 cts.
14 to 24 ems.....	25 "
25 to 35 ems.....	30 "
36 to 40 ems.....	35 "

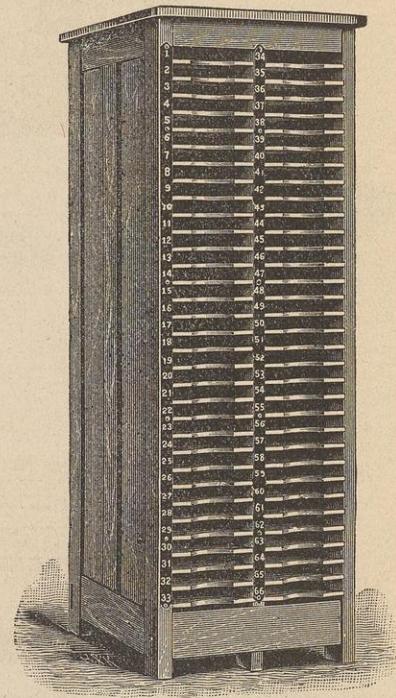
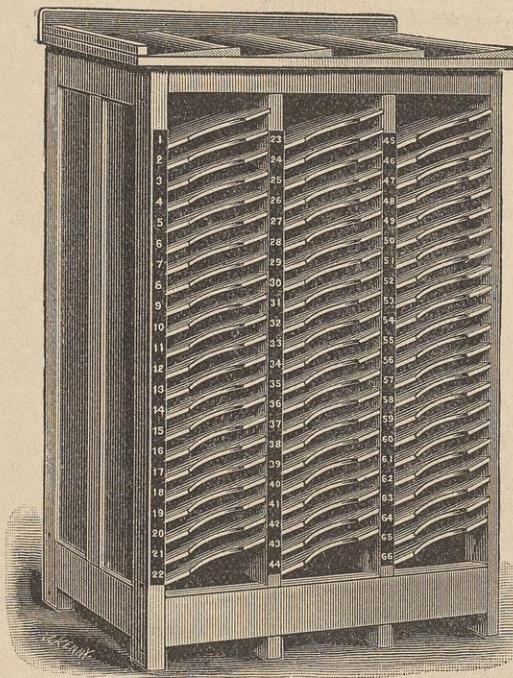
Nickel plated to order.

STEEL MAKE-UP RULES.



Price, 13 ems pica or shorter, 15 cents.
Longer ones, extra.
Nickel plated to order.

GALLEY CABINETS.



GALLEY CABINETS.

There are two styles here shown; the narrow, holding 66 brass double galleys in two tiers, and the wide, holding the same number in three tiers. The latter is made with a Galley top, as shown, if so desired.

When required, we furnish these Cabinets with iron number plates, which are long strips of iron bearing the numbers opposite the spaces. They completely guard the uprights of the Cabinet from injury by the galleys, and serve as guides for the location of the same.

No. 2—1 tier, holding 20 double galleys.

" 4—2 " " 40 "
" 6—2 " " 50 "
" 8—2 " " 66 "
" 10—3 " " 66 "

No. 12—3 tiers, holding 66 double galleys.
" 14—6 " " 132 "
" 16—9 " " 198 "

Flat top. With iron number plates.

\$8 00 \$9 00
15 00 16 50
18 50 20 50
28 00 30 00
30 00 32 00

Galley-top. With iron number plates.

\$35 00 \$37 00
62 00 66 00
85 00 90 00

All of our Galley Cabinets are made with sloping shelves, unless ordered to be flat. Galleys should be locked before being put in the Cabinet.

The form in
the Letter Board
is secured, the
are rabbeded so
boards given b

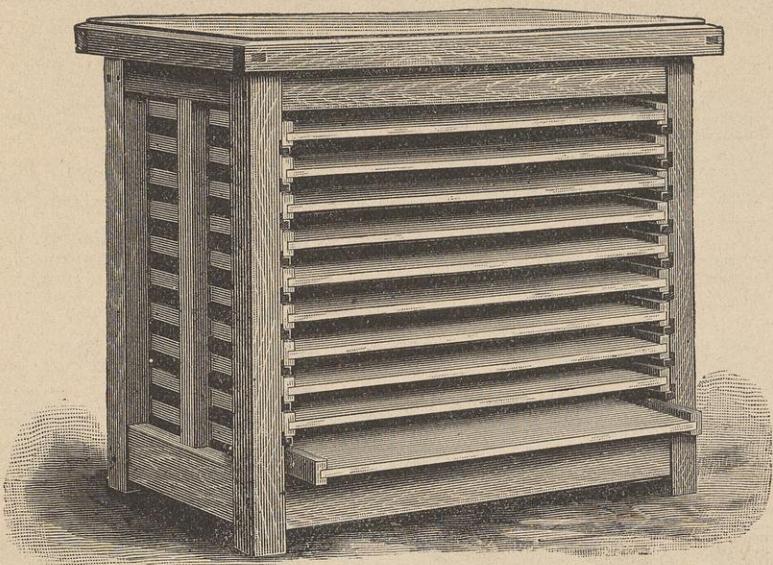
No. 1.
" 3.
" 5.

Size of
No. 1. " 2. 30X4
" 2. " 30X4
" 3. " 30X4
" 4. " 36X4
" 5. " 36X4
" 6. " 36X4

The stone
sided with to
Any size
As the ta
them to order

IMPOSING TABLES.

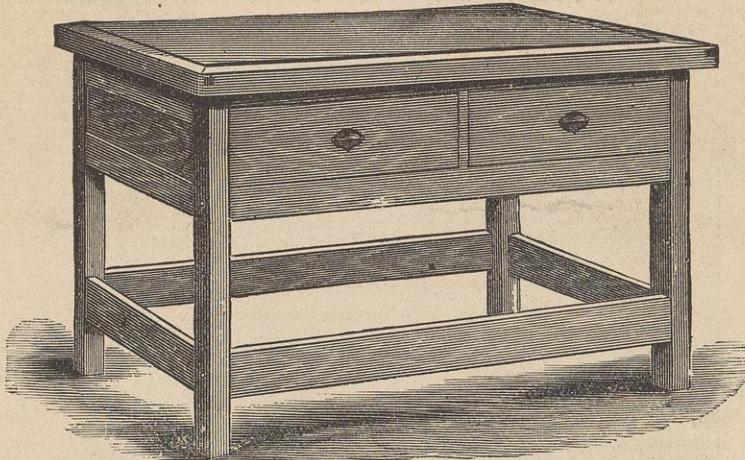
IMPOSING TABLES. WITH LETTER BOARDS.



The form in which we make these Tables is unexceptionable. The frames are *solid and substantial*, and the Letter Boards, of which ten go in a table, are clamped by a new method, whereby the greatest strength is secured, the clamp pieces *sliding with great freedom* on hard wood slides. The front edges of the boards are rabbeted so as to facilitate the emptying of matter from galleys upon them. The sizes of the Letter Boards given below are inside the edgings.

No.	Size of Stone. Inches.	Size of Boards. Inches.	Marble Top and 10 Pine Letter Boards.		Marble Top and 10 Hard Wood Letter Boards.
			58 00	58 00	
1...	24×37	24×30	\$38 00		\$43 00
3...	27×43	27×36	50 00		57 00
5...	28×47	28×40	58 00		66 00

IMPOSING TABLES.



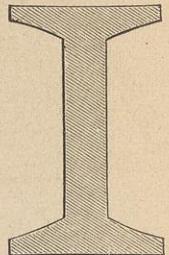
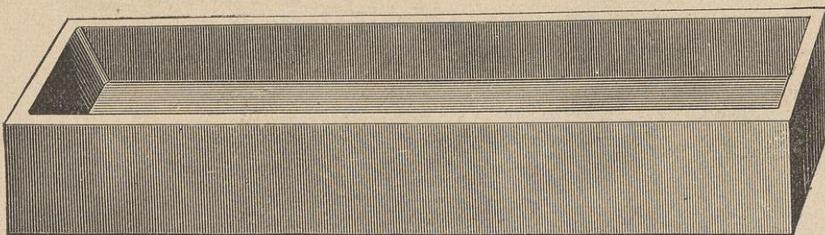
Size of Bed.	Marble Top.	Iron Top.	Size of Bed.	Marble Top.	Iron Top.
No. 1... 24×36	\$24 00	\$31 00	No. 7... 36×72	\$55 00	\$72 00
" 2... 30×42	30 00	40 00	" 8... 42×60	53 00	70 00
" 3... 30×60	40 00	54 00	" 12... 26×74	46 00	54 00
" 4... 36×48	39 00	52 00	" 13... 28×80, 6 legs	55 00	65 00
" 5... 36×54	45 00	54 00	" 14... 32×94, " ..	68 00	80 00
" 6... 36×60	50 00	64 00	" 16... 30×90, " ..	65 00	75 00

The stones are of the best marble, and the tables are made in a very substantial manner, being provided with top and bottom rails, whereby great rigidity is secured. The legs and coffin are of hard wood.

Any size of Imposing Table, with or without coffin, made to order.

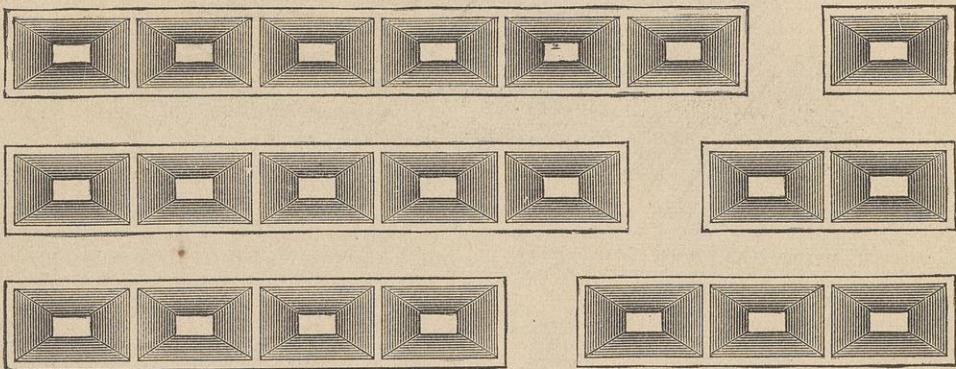
As the tables are put together with joint bolts, they may be taken apart when required. We make them to order provided with CHASE RACKS, SLUG DRAWERS, etc.

METAL FURNITURE.



This Metal Furniture possesses many advantages, such as lightness combined with great strength and accuracy for justification. It is cast in sections from 5 to 25 ems pica in length, and from 2 to 10 picas in width. Put up in 12, 25, 50, and 100 pound fonts, at 20 cents per lb.

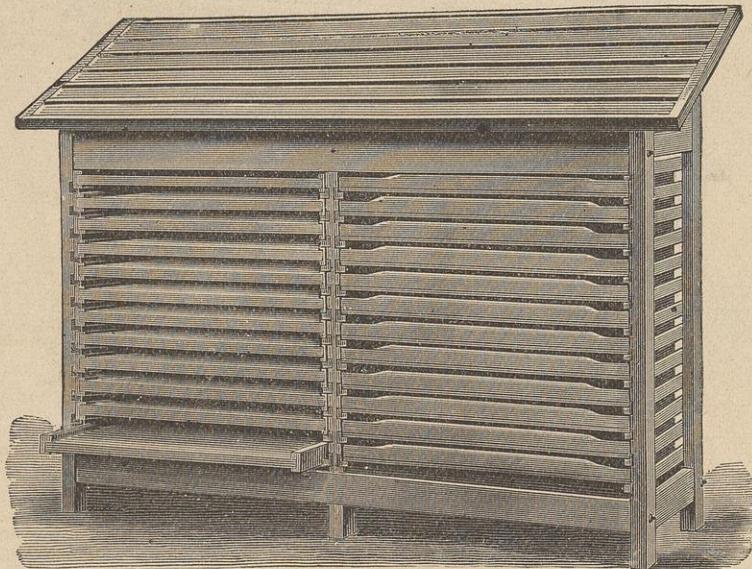
QUOTATION METAL FURNITURE.



Put up in 5, 10, 15, 25 and 50 lb. fonts, at 20 cents per lb.

STANDING GALLEYS.

WITH CHERRY TOPS DIVIDED INTO SPACES TO SUIT CUSTOMERS.



The prices given are for the Standing Galley and Frame, without Cases or Letter Boards. All of the racks in the above Standing Galleries will hold full cases. They are also adapted to our No. 3 Letter Boards, for the prices of which see page 23.

No. 1—6 $\frac{1}{2}$ ft. long by 27 in. wide....16 racks, \$15 00	No. 5—6 $\frac{1}{2}$ ft. long by 27 in. wide....24 racks, \$16 00
" 3—9 ft. 3 in. long by 27 in. wide. 24 " 22 00	" 7—9 ft. 3 in. long by 27 in. wide. 36 " 23 50

LE

These boards
amps. Very
boards are
fitting type.

boards No. 1 fit

No. 2

Nos. 3 a

12, 14

Inside the rim

1—1—19 $\frac{1}{4}$ x 202—24 $\frac{1}{8}$ x 203—30 $\frac{1}{2}$ x 20

4—30 x 24

5—36 x 27

6—40 x 28

OV

Very conv
Made of m
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her sizes.

Price ..

GALL

WITH

SINGLE

To hold 6

" 8

" 10

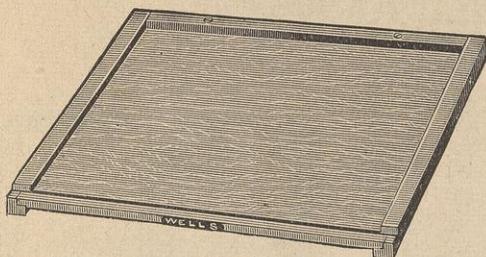
" 12

" 15

" 20

Iron A

LETTER BOARDS.



These boards are made with ash runners and clamps. Very free running. The front edges of the boards are rabbeted to rest the galley on while shifting type.

Boards No. 1 fit our Stands Nos. 1 and 12.

No. 2 " " No. 2½.

Nos. 3 and 4 fit Case Stands Nos. 3, 5, 9, 11, 12, 14, 16.

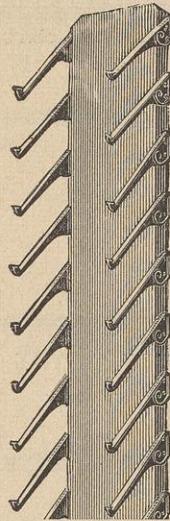
Inside the rims.	Total outside.	Pine.	Cherry.
No. 1—19½×20	21½×20½	\$1 10	\$1 50
2—24½×20	26½×20½	1 20	1 60
3—30½×20	32½×20½	1 30	1 70
4—30×24	32½×24½	1 50	2 00
5—36×27	38½×27½	2 00	2 70
6—40×28	42½×28½	2 25	3 00

OVER-RUN GALLEYS.

A very convenient article for compositors.

Made of mahogany. Size about 13x2½ inches, and slotted to take Nonpareil, Agate, Brevier, and other sizes.

Price 50 cents.

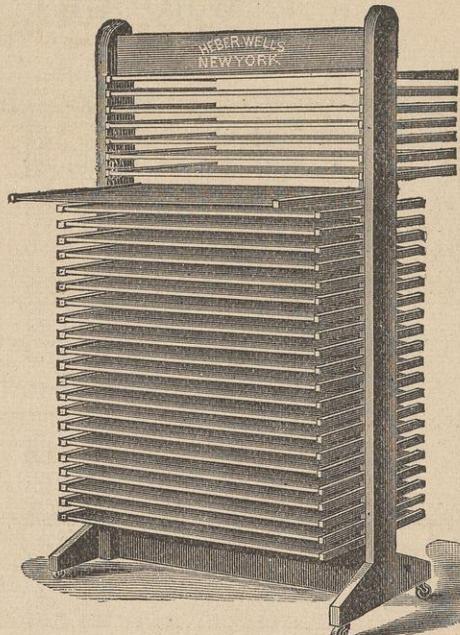
GALLEY RACKS.
WITH IRON ARMS.

SINGLE OR DOUBLE COLUMN.

To hold 6 galleys.....	\$3 00
" 8 "	4 00
" 10 "	5 00
" 12 "	6 00
" 15 "	7 50
" 20 "	10 00

Iron Arms, 40 cts. per pair.

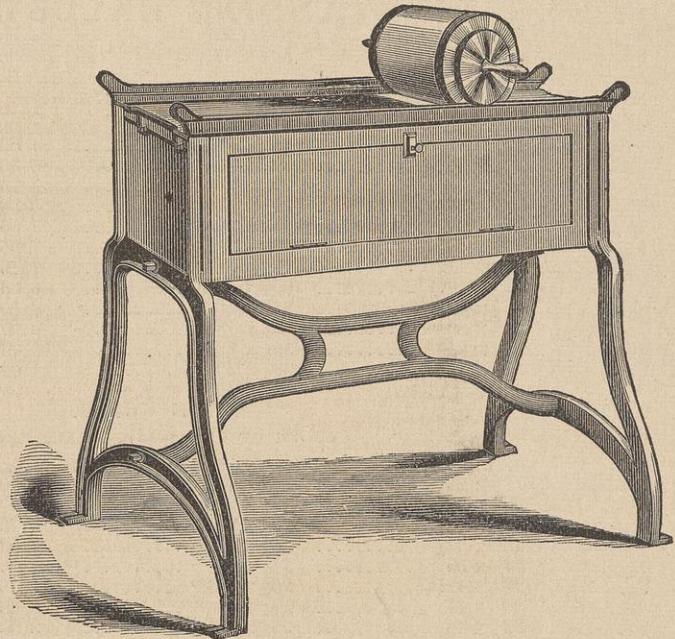
MOVABLE DRYING RACK.



This Drying Rack is intended for sheets just from the press, and its advantages are worthy of attention. The rack is of hard wood, neatly varnished, and mounted on castors so that it may be moved near to the press or elsewhere, as desired. As the drying frames are easily removed, the various jobs lying upon them may be handled with facility.

No. 1—20 frames, 24×36.....	\$14 00
" 2—30 " 24×36.....	20 00
" 3—20 " 28×42.....	20 00
" 4—30 " 28×42.....	28 00
Frames, per doz., 24×36, \$4.80; 28×42, \$6.00.	

"OUR OWN" PROOF PRESS.



Size, 10x32 inches. Price \$30 00
Press without a Stand 20 00

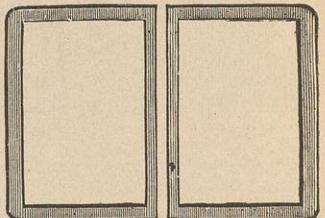
The frame is unusually well braced so as to secure great rigidity, making a strong press. It is very neatly finished.

WROUGHT IRON CHASES.

WARRANTED SQUARE AND TRUE AND MADE OF THE BEST IRON.

PAIR OF TWIN CHASES.

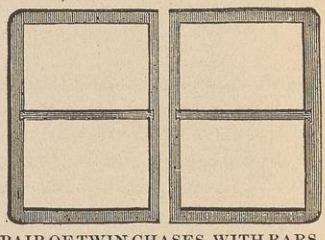
No.	Size of pair, over all.	Size each half, inside.	Price, per pair.
1	17 x 20 $\frac{1}{8}$	15 x 8 $\frac{5}{8}$	\$8 00
2	20 x 24 $\frac{1}{8}$	18 x 10 $\frac{1}{8}$	9 25
3	24 x 28 $\frac{1}{8}$	22 x 12 $\frac{1}{8}$	10 50
4	26 x 33 $\frac{1}{8}$	23 $\frac{1}{4}$ x 15	11 75
4 $\frac{1}{2}$	27 x 39	24 $\frac{1}{4}$ x 17 $\frac{1}{8}$	12 50
5	29 x 41 $\frac{1}{8}$	26 $\frac{1}{4}$ x 19	13 25
5 $\frac{1}{2}$	30 x 44	27 $\frac{1}{4}$ x 20 $\frac{1}{8}$	14 00
6	32 x 46 $\frac{1}{8}$	29 $\frac{1}{4}$ x 21 $\frac{1}{2}$	14 75
6 $\frac{1}{2}$	33 $\frac{1}{2}$ x 48 $\frac{1}{8}$	31 $\frac{1}{4}$ x 22 $\frac{1}{2}$	15 50
7	35 x 50 $\frac{1}{8}$	32 $\frac{1}{2}$ x 23 $\frac{1}{4}$	16 25
8	38 x 54 $\frac{1}{8}$	35 $\frac{1}{2}$ x 25 $\frac{1}{4}$	17 50
9	41 x 59 $\frac{1}{8}$	38 $\frac{1}{2}$ x 27 $\frac{1}{4}$	18 75



PAIR OF TWIN CHASES.

PAIR OF TWIN CHASES, WITH BARS.

No.	Size of pair, over all.	Size each half, inside.	Price, per pair.
1	17 x 20 $\frac{1}{8}$	15 x 8 $\frac{5}{8}$	\$11 25
2	20 x 24 $\frac{1}{8}$	18 x 10 $\frac{1}{8}$	12 50
3	24 x 28 $\frac{1}{8}$	22 x 12 $\frac{1}{8}$	13 75
4	26 x 33 $\frac{1}{8}$	23 $\frac{1}{4}$ x 15	15 00
4 $\frac{1}{2}$	27 x 39	24 $\frac{1}{4}$ x 17 $\frac{1}{8}$	15 75
5	29 x 41 $\frac{1}{8}$	26 $\frac{1}{4}$ x 19	16 50
5 $\frac{1}{2}$	30 x 44	27 $\frac{1}{4}$ x 20 $\frac{1}{8}$	17 25
6	32 x 46 $\frac{1}{8}$	29 $\frac{1}{4}$ x 21 $\frac{1}{2}$	18 00
6 $\frac{1}{2}$	33 $\frac{1}{2}$ x 48 $\frac{1}{8}$	31 $\frac{1}{4}$ x 22 $\frac{1}{2}$	18 75
7	35 x 50 $\frac{1}{8}$	32 $\frac{1}{2}$ x 23 $\frac{1}{4}$	20 00
8	38 x 54 $\frac{1}{8}$	35 $\frac{1}{2}$ x 25 $\frac{1}{4}$	21 25
9	41 x 59 $\frac{1}{8}$	38 $\frac{1}{2}$ x 27 $\frac{1}{4}$	22 50

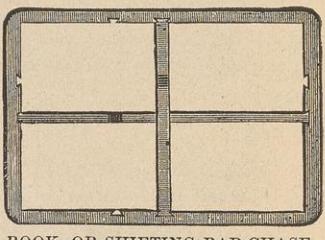


PAIR OF TWIN CHASES, WITH BARS.

BOOK, OR SHIFTING-BAR CHASE.

WIDTH OF CROSS-BARS, AS ORDERED.

No.	Size, over all.	Size, inside.	Price, each.
1	17 x 20 $\frac{1}{8}$	15 x 18 $\frac{5}{8}$	\$7 50
2	20 x 24 $\frac{1}{8}$	18 x 22 $\frac{1}{8}$	8 25
3	24 x 28 $\frac{1}{8}$	22 x 26 $\frac{1}{8}$	9 00
4	26 x 33 $\frac{1}{8}$	23 $\frac{1}{4}$ x 31 $\frac{1}{8}$	10 00
4 $\frac{1}{2}$	27 x 39	24 $\frac{1}{4}$ x 36 $\frac{1}{4}$	10 50
5	29 x 41 $\frac{1}{8}$	26 $\frac{1}{4}$ x 39 $\frac{1}{8}$	11 00
5 $\frac{1}{2}$	30 x 44	27 $\frac{1}{4}$ x 41 $\frac{1}{4}$	11 50
6	32 x 46 $\frac{1}{8}$	29 $\frac{1}{4}$ x 44 $\frac{1}{2}$	12 00
6 $\frac{1}{2}$	33 $\frac{1}{2}$ x 48 $\frac{1}{8}$	31 $\frac{1}{4}$ x 46 $\frac{1}{2}$	12 50
7	35 x 50 $\frac{1}{8}$	32 $\frac{1}{2}$ x 48 $\frac{1}{4}$	13 00
8	38 x 54 $\frac{1}{8}$	35 $\frac{1}{2}$ x 52 $\frac{1}{4}$	14 00
9	41 x 59 $\frac{1}{8}$	38 $\frac{1}{2}$ x 57 $\frac{1}{4}$	15 00



BOOK, OR SHIFTING-BAR CHASE.

SKELETON CHASE.

No.	Size, over all.	Size, inside.	Price, each.
1	17 x 20 $\frac{1}{8}$	15 x 18 $\frac{5}{8}$	\$4 50
2	20 x 24 $\frac{1}{8}$	18 x 22 $\frac{1}{8}$	5 00
3	24 x 28 $\frac{1}{8}$	22 x 26 $\frac{1}{8}$	5 75
4	26 x 33 $\frac{1}{8}$	23 $\frac{1}{4}$ x 31 $\frac{1}{8}$	6 50
4 $\frac{1}{2}$	27 x 39	24 $\frac{1}{4}$ x 36 $\frac{1}{4}$	7 00
5	29 x 41 $\frac{1}{8}$	26 $\frac{1}{4}$ x 39 $\frac{1}{8}$	7 25
5 $\frac{1}{2}$	30 x 44	27 $\frac{1}{4}$ x 41 $\frac{1}{4}$	7 75
6	32 x 46 $\frac{1}{8}$	29 $\frac{1}{4}$ x 44 $\frac{1}{2}$	8 00
6 $\frac{1}{2}$	33 $\frac{1}{2}$ x 48 $\frac{1}{8}$	31 $\frac{1}{4}$ x 46 $\frac{1}{2}$	8 50
7	35 x 50 $\frac{1}{8}$	32 $\frac{1}{2}$ x 48 $\frac{1}{4}$	9 00
8	38 x 54 $\frac{1}{8}$	35 $\frac{1}{2}$ x 52 $\frac{1}{4}$	10 00
9	41 x 59 $\frac{1}{8}$	38 $\frac{1}{2}$ x 57 $\frac{1}{4}$	11 00

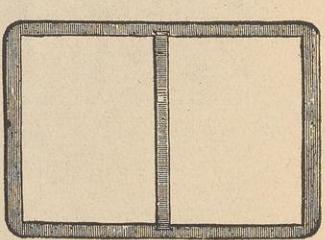


SKELETON CHASE.

NEWS CHASE.

WIDTH OF CROSS-BAR, AS ORDERED.

No.	Size, over all.	Size, inside.	Price, each.
1	17 x 20 $\frac{1}{8}$	15 x 18 $\frac{5}{8}$	\$5 50
2	20 x 24 $\frac{1}{8}$	18 x 22 $\frac{1}{8}$	6 00
3	24 x 28 $\frac{1}{8}$	22 x 26 $\frac{1}{8}$	6 75
4	26 x 33 $\frac{1}{8}$	23 $\frac{1}{4}$ x 31 $\frac{1}{8}$	7 50
4 $\frac{1}{2}$	27 x 39	24 $\frac{1}{4}$ x 36 $\frac{1}{4}$	8 00
5	29 x 41 $\frac{1}{8}$	26 $\frac{1}{4}$ x 39 $\frac{1}{8}$	8 50
5 $\frac{1}{2}$	30 x 44	27 $\frac{1}{4}$ x 41 $\frac{1}{4}$	9 00
6	32 x 46 $\frac{1}{8}$	29 $\frac{1}{4}$ x 44 $\frac{1}{2}$	9 50
6 $\frac{1}{2}$	33 $\frac{1}{2}$ x 48 $\frac{1}{8}$	31 $\frac{1}{4}$ x 46 $\frac{1}{2}$	10 00
7	35 x 50 $\frac{1}{8}$	32 $\frac{1}{2}$ x 48 $\frac{1}{4}$	10 50
8	38 x 54 $\frac{1}{8}$	35 $\frac{1}{2}$ x 52 $\frac{1}{4}$	11 50
9	41 x 59 $\frac{1}{8}$	38 $\frac{1}{2}$ x 57 $\frac{1}{4}$	12 50



NEWS CHASE.

5 Columns
6 " "
7 " "
8 " "
9 " "
Paper 244 Columns
5 " "
6 " "
7 " "
8 " "
These
when 8 B
Beve
less othe
In o
of cross-
WhSize inside
4 x 5
4 x 24
5 x 7
5 x 16
5 x 28
6 x 43
6 x 8
6 x 12
6 x 20
6 x 24
6 x 30
7 x 16
7 x 27
8 x 21The
Any size
For
If finishCast Iron
Malleable

WROUGHT IRON CHASES.—CONTINUED.

NEWSPAPER CHASES, FOLIO.

Size of pair, over all.	Size each half, inside.	Width of backs.	Size of iron.	Price, per pair.
5-Column	22 $\frac{1}{4}$ x 29 $\frac{3}{8}$	12 $\frac{1}{4}$ x 20	1 $\frac{3}{8}$	1 $\frac{1}{8}$ x $\frac{5}{8}$ \$10 00
6 "	24 x 33 $\frac{3}{8}$	15 x 21 $\frac{1}{4}$	1 $\frac{3}{8}$	1 $\frac{1}{8}$ x $\frac{5}{8}$ 11 00
7 "	26 x 38 $\frac{7}{8}$	17 $\frac{1}{2}$ x 23 $\frac{3}{4}$	1 $\frac{3}{8}$	1 $\frac{1}{8}$ x $\frac{5}{8}$ 12 00
8 "	28 $\frac{1}{4}$ x 43 $\frac{5}{8}$	19 $\frac{1}{4}$ x 25 $\frac{1}{4}$	1 $\frac{3}{8}$	1 $\frac{1}{4}$ x $\frac{5}{8}$ 13 25
9 "	30 $\frac{1}{4}$ x 48 $\frac{7}{8}$	22 x 27 $\frac{1}{4}$	1 $\frac{5}{8}$	1 $\frac{1}{4}$ x $\frac{5}{8}$ 14 50
Paper 24 x 36	26 $\frac{1}{4}$ x 39 $\frac{3}{8}$	18 x 24	1 $\frac{3}{8}$	1 $\frac{1}{8}$ x $\frac{5}{8}$ 12 25

NEWSPAPER CHASES, QUARTO.

Size of pair, over all.	Size each half, inside.	Width of backs.	Size of iron.	Price, per pair.
4-Column	24 $\frac{1}{4}$ x 35 $\frac{3}{8}$	16 x 22	1 $\frac{3}{8}$	1 $\frac{1}{8}$ x $\frac{5}{8}$ \$14 50
5 "	29 $\frac{1}{2}$ x 44 $\frac{1}{8}$	20 x 27	1 $\frac{3}{8}$	1 $\frac{1}{4}$ x $\frac{5}{8}$ 16 50
6 "	34 x 47 $\frac{5}{8}$	21 $\frac{1}{4}$ x 31 $\frac{1}{2}$	1 $\frac{3}{8}$	1 $\frac{1}{4}$ x $\frac{5}{8}$ 18 00
7 "	39 x 52 $\frac{7}{8}$	23 $\frac{1}{4}$ x 36 $\frac{1}{4}$	1 $\frac{5}{8}$	1 $\frac{3}{8}$ x $\frac{5}{8}$ 20 00
8 "	43 $\frac{1}{2}$ x 56 $\frac{3}{8}$	25 $\frac{1}{4}$ x 40 $\frac{1}{4}$	1 $\frac{5}{8}$	1 $\frac{3}{8}$ x $\frac{5}{8}$ 22 00

These measures are for Columns 13 ems Pica and 7 Point Column Rules, except for 9-Column Paper, when 8 Point Column Rules are used, allowing 1 $\frac{1}{4}$ inches for lock-up.

Beveled or Straight Iron Side and Foot Sticks, 4 cents per inch. Side and Foot Sticks are made, unless otherwise ordered, 1 $\frac{1}{2}$ inch shorter than inside measurement of the Chase.

In ordering, give the *kind* of Chase required, the *inside* and *outside* dimensions of each, and the width of cross-bars.

When Chases are ordered to be made HEAVIER than stated in price list, an extra charge will be made.

CAST IRON CHASES.

Size inside.	Price each.	Size inside.	Price each.	Size inside.	Price each.
4 x 5	\$0 23	8 x 32	\$1 00	12 x 24	\$0 90
4 x 24	70	8 x 40	1 20	12 x 30	1 05
5 x 7	30	9 x 12	73	13 x 28	1 03
5 x 16	53	9 x 18	68	14 x 22 .....	.90
5 x 28	83	9 x 25	85	14 x 26	1 00
6 x 43	1 23	9 x 31	1 00	15 x 20 .....	.88
6 x 8	35	10 x 14	60	15 x 24 .....	.98
6 x 12	45	10 x 18	70	16 x 20 .....	.90
6 x 20	65	10 x 22	80	16 x 28	1 10
6 x 24	75	10 x 28	95	17 x 22 .....	.98
6 x 30	90	10 x 31	1 03	18 x 24	1 05
7 x 16	58	12 x 14	65	20 x 25	1 13
7 x 27	85	12 x 17	73	24 x 28	1 30
8 x 21	73	12 x 20	80	24 x 30	1 35

The above prices for Cast Iron Chases are based on 1 $\frac{1}{4}$ cents an inch for the inside measure all around. Any size Chase of the regular width and thickness of iron furnished at the same rates.

For Cast Iron Chases finished true inside, on one side and one end only, the price is 2 cents per inch. If finished true all around inside, the price is 2 $\frac{1}{2}$ cents per inch.

CAST IRON ELECTROTYPE CHASES.

FINISHED TRUE INSIDE, ALL AROUND.

Size	10 x 14 inside	$\frac{3}{4}$ x 1 $\frac{3}{4}$ inch rim	\$1 75
"	12 x 18 "	$\frac{3}{4}$ x 1 $\frac{3}{4}$ "	2 00

CHASE RACKS MADE TO ORDER, FOR JOB OR NEWSPAPER WORK,  AT REASONABLE PRICES.

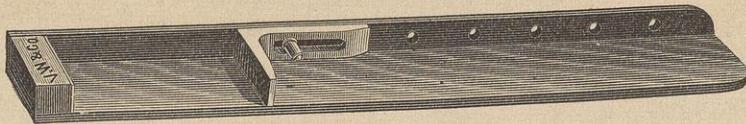
FORM TRUCKS.

FOR EASY MOVING OF FORMS OF TYPE.

Cast Iron—weight, 17 lbs	\$3 00
Malleable Iron—small size, 4 lbs	3 00

COMPOSING STICKS.

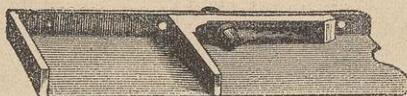
MAHOGANY JOB.



16 inch.....	\$1 00	30 inch.....	\$1 35
20 ".....	1 10	36 ".....	1 50
24 ".....	1 20	40 ".....	1 75

Made with iron knee and brass lined head piece.

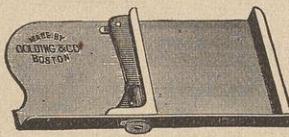
SCREW OR NEWS.



6 inch, Steel*.....	\$0 75	16 inch, Steel.....	\$1 45
8 ".....	80	18 ".....	1 60
10 ".....	1 00	20 ".....	1 75
12 ".....	1 15	Extra Knee.....	30
14 ".....	1 30	Extra Screw and Nut	10

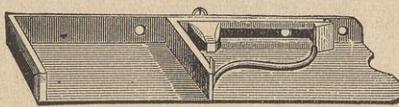
* 2, 2½ and 2½ inches wide.

GOLDING'S STANDARD.



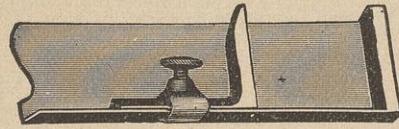
5 inch.....	2 in. wide.	2½ in.	2½ in.
6 ".....		\$0 85	\$0 90
		90	95

ALBION.



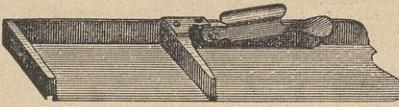
6 inch, Steel.....	\$1 00	6 in., Ger. Silver.....	\$1 50
8 ".....	1 10	8 ".....	1 75
Extra Knee.....	40	Extra Screw and Nut	10

YANKEE.



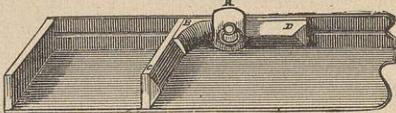
6 inch, Steel.....	\$0 75	12 inch, Steel.....	\$1 15
8 ".....	80	Extra Knee.....	30
10 ".....	1 00	Ex. Clamp and Screw	15

GROVER.



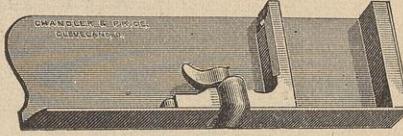
6 inch, Steel.....	\$0 90	16 inch, Steel.....	\$1 80
8 ".....	1 00	18 ".....	2 00
10 ".....	1 20	20 ".....	2 20
12 ".....	1 40	Extra Clasp.....	10
14 ".....	1 60	Extra Knee.....	40

HOE REVERSIBLE KNEE.



	Polished.	Nickel Plated.
6 inch.....	\$1 00	\$1 25
8 ".....	1 10	1 35
10 ".....	1 40	1 65
12 ".....	1 55	1 80
14 ".....	1 70	2 00
16 ".....	1 85	2 15
18 ".....	2 00	2 30
20 ".....	2 15	2 50

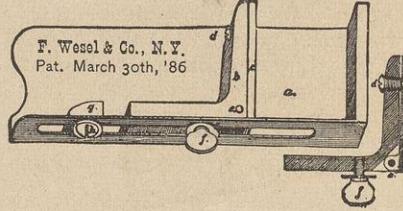
THE BUCKEYE.



6 inches.....	\$0 90	14 inches.....	\$1 60
8 ".....	1 00	16 ".....	1 80
10 ".....	1 20	18 ".....	2 00
12 ".....	1 40	20 ".....	2 20

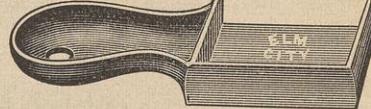
Lays flat. Quick and easy to set. Will not slip. Warranted accurate.
2, 2½ and 2½ inches deep.

ADJUSTABLE KNEE "C" SLOT.



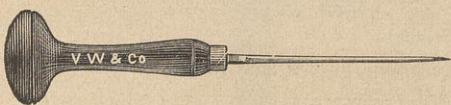
6 inch.....	\$1 10	14 inch.....	\$1 80
8 ".....	1 20	16 ".....	2 00
10 ".....	1 40	18 ".....	2 20
12 ".....	1 60	20 ".....	2 40

ELM CITY SINGLE MEASURE.



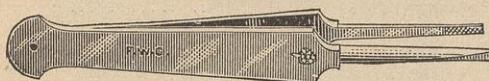
This Stick is unrivaled for news work. As it is made solid to measure, it cannot slip to a wrong "set." It is well balanced, and fits the hand nicely. Price, Japanned.....\$1 00
" Nickelled.....1 25

STEEL BODKIN, WITH WOODEN HANDLE.



Price, 10 cents each.

TWEezers.



No. 1—3 inches long	10 cts.
" 2-3½ "	10 "
" 3-4 "	15 "

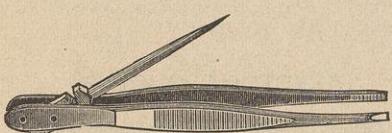
TWEezers. FINER QUALITY.



No. 5—length, 3 inches each, 25 cts.



No. 10 "5B"—length, 4 inches, nickel plated, 60 cts.



No. 15—length, 4 inches, closed, nickel plated, 75 cts.



Nickel plated, with bodkin.

No. 20—length, 5½ inches 40 cts.

BRONZING PADS.

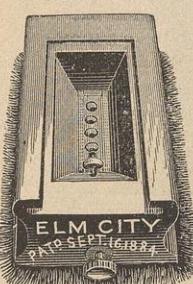


This Bronzing Pad saves the usual waste of bronze, which alone commands it. It is the only successful device of its kind in the market. The bronze is put in at the top of the pad and it passes through valves which regulate the amount to be delivered.

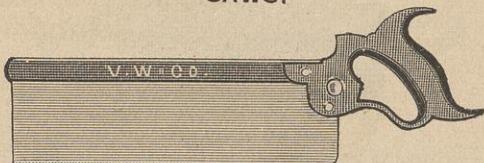
It saves much time and labor, and prevents the bronze from flying about the room. It is made in two sizes.

No. 1—For labels..... \$1 50
No. 2—For general work..... 2 50

Postage, 5 cents and 10 cents.



SAWS.



Warranted best spring steel.

10 inch..... \$1 20 | 12 inch..... \$1 35

MITRE BOXES.



Regular size, 2 inches wide inside.....	\$0 50
Large size, 3½ " " "	75

They are made of hard wood, and the ends secured with tongues so as to be very strong.

INK OR PALETTE KNIVES.



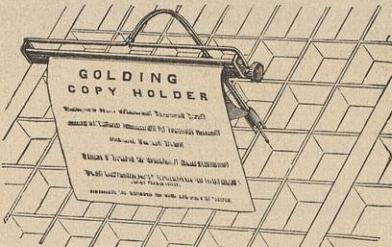
3 inch Blade..... \$0 25	8 inch Blade..... \$0 70
4 " " 30	9 " " 90
5 " " 40	10 " " 1 00
6 " " 50	12 " " 1 75
7 " " 60	14 " " 2 25

PRESSMAN'S KNIFE.

OF SOLID STEEL.

Size, 6½×¾ inches..... 25 cts.

COPY HOLDER.

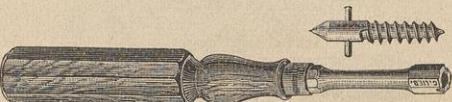


A very useful article for the news or job compositor. The copy is brought nearer the eye, and it may be adjusted with one hand. The boxes of the upper case are freely accessible.

Price, each..... 75 cts.

PRESS POINTS.

To be inserted in wood furniture, when sheets are printed for folding machine.

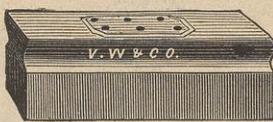


The points are screwed into the wood with the wrench as far as the cross-bar, when they will be found the right height. If a larger hole in the paper be required, screw the point out slightly.

These points are far superior to the old bungling method of driving nails or wire into the furniture.

Price, per dozen..... 75 cts.
Wrench..... 75 "

PLANERS.



HARD MAPLE.

Large, $9\frac{1}{4} \times 3\frac{1}{2} \times 3$ in. high, leather backed	35 cts.
Proof, $9\frac{1}{4} \times 3\frac{1}{2} \times 3$ in. high, leather backed, faced with felt	60 cts.
Medium, called "O. K.," $8\frac{3}{4} \times 3\frac{3}{4} \times 2\frac{1}{2}$ in. high, leather backed	30 cts.
Small, $6\frac{1}{4} \times 3\frac{1}{2} \times 3$ in. high, leather backed	20 cts.
Novelty, $6\frac{1}{4} \times 2\frac{1}{2} \times 2\frac{1}{2}$ in. high, leather backed	20 cts.

STEEL SHOOTING STICKS.



WROUGHT STEEL, NICKEL PLATED.

No. 2	50 cts.
| No. 3	75 cts.

IRON SHOOTING STICKS.

No. 1.



Price, plain	each, \$0 75
" nickel plated	" 1 25

No. 5.



Black	60 cts.
| Bright	75 cts.

BLACKWELL'S PATENT.



Price, 75 cts. each.

BRASS SHOOTING STICKS.



Price, \$1.00 each.

WOODEN SHOOTING STICKS.

HICKORY.



Price, 6 cts. each.

WRENCHES.



Screw, 6 inch, price	\$0 60
" 8 "	65
" 10 "	75
" 12 "	90
" 15 "	1 50
Stand, small, for setting up stands	15
" large	25
Gripper	40

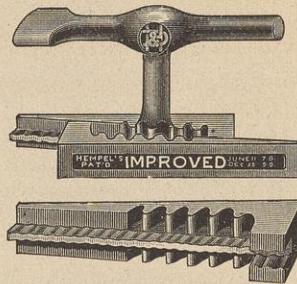
WOODEN QUOINS.

Hickory, regular, assorted sizes, per 100... 30 cts.
 Boxwood, " " " " " 60 "

The above quoins sold in barrel lots of 6,000, at reduced rates.

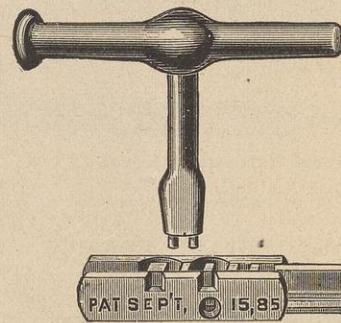
Long Hickory, for chases, to use in pairs with-out side sticks, per 100	50 cts.
Galley Lock Hickory, to use in galleys with straight furniture, per 100	40 "

HEMPPEL QUOINS.



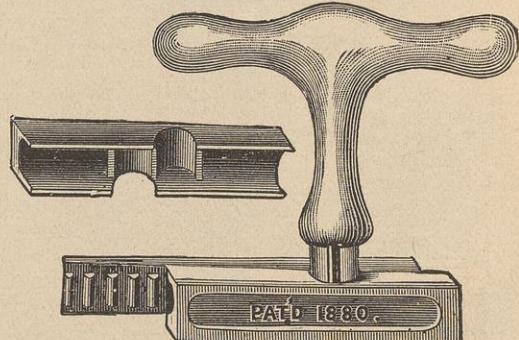
No. 1, per dozen	\$2 50
No. 2, "	3 00
Plain Key	50
Nickel-plated Key	75

KEYSTONE QUOINS.



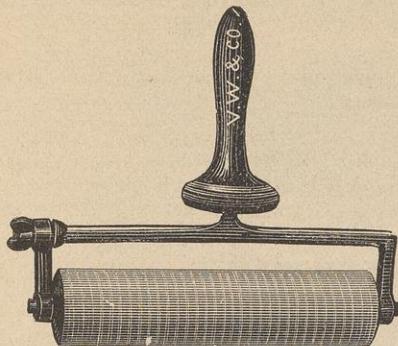
No. 1, per dozen	\$2 00
No. 2, "	2 50
Plain Key	40
Nickel-plated Key	65

SCOTT QUOINS.



Per dozen	\$1 50
Keys, each	25

ROLLER FRAMES AND STOCKS.



WROUGHT IRON FRAME, ONE HANDLE.

	Frame with One Stock.	Extra Stock. Each.	Complete Casting.
No. 1 — 19 $\frac{1}{2}$ in. long	\$2 75	\$0 95	\$4 25
" 2 — 22 $\frac{1}{2}$ "	3 00	1 00	5 00
" 3 — 26 $\frac{1}{2}$ "	3 50	1 10	5 75
" 4 — 31 $\frac{1}{2}$ "	4 00	1 25	6 25
" 4 $\frac{1}{2}$ — 36 $\frac{1}{2}$ "	4 50	1 40	6 75
" 5 — 39 $\frac{1}{2}$ "	4 65	1 45	7 25
" 5 $\frac{1}{2}$ — 41 $\frac{1}{2}$ "	4 80	1 50	7 50
" 6 — 44 $\frac{1}{2}$ "	5 00	1 55	8 00
" 7 — 48 $\frac{1}{2}$ "	5 50	1 70	8 50

MALLEABLE IRON FRAME, ONE HANDLE.

No. 8 — 6 in. long	\$1 25	\$0 40	\$1 75
" 9 — 8 "	1 25	40	1 85
" 10 — 10 "	1 50	50	2 20
" 11 — 12 "	1 75	60	2 55

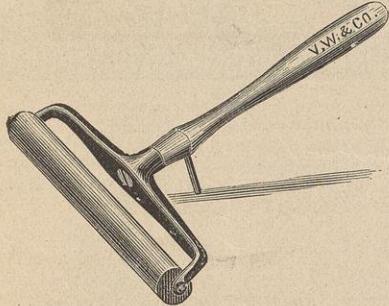
MALLEABLE IRON FRAME, TWO HANDLES.

No. 12 — 14 in. long	\$2 00	\$0 70	\$3 00
" 13 — 16 "	2 25	80	3 45
" 14 — 18 "	2 50	90	3 90
" 15 — 19 $\frac{1}{2}$ "	2 65	95	4 15

Other sizes and styles made to order.

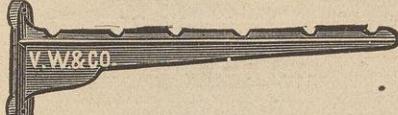
Rollers of every description, cast in the best manner, of any kind of composition that may be desired.

SMALL ROLLER FRAMES.



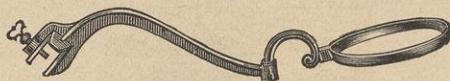
	Frame.	Stocks.	Castings.	Complete.
3 in.	\$0 15	\$0 10	\$0 20	\$0 35
5 $\frac{1}{2}$ "	25	10	25	50
7 $\frac{1}{2}$ "	30	15	25	65
9 $\frac{1}{2}$ "	40	20	30	80
Brayer	50	35	25	1 00

ROLLER BRACKETS.



50 cents per pair.

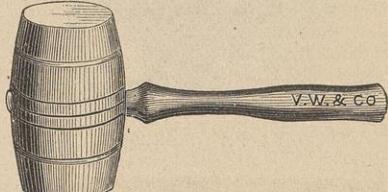
LAMP HOLDER.



These screw on to the upper case or any other desirable place, and are the thing for country newspaper offices.

Brackets, each, 75 cts.; per doz., \$8.00.

MALLETS.



Our Mallets are warranted, being made from thoroughly seasoned stock. In variety our list is very complete.

HICKORY.

No. 3 — 2 $\frac{1}{2}$ inch diameter	20 cts.
" 2 — 3 "	25 "
" 1 — 3 $\frac{1}{2}$ "	30 "
" 0 — 4 "	35 "

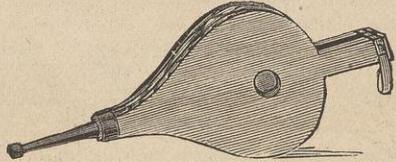
LIGNUM VITÆ.

No. 3 — 2 $\frac{1}{2}$ inch diameter	35 cts.
" 2 — 3 "	45 "
" 1 — 3 $\frac{1}{2}$ "	60 "
" 0 — 4 "	75 "

IRON BOUND.

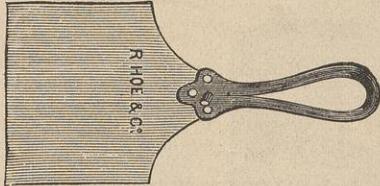
Medium	70 cts.
Large	80 "

BELLows.



6 inch	\$0 65	9 inch	\$1 00
7 "	75	10 "	1 15
8 "	90	12 "	1 25

INK SLICE.



Brass Handle, Steel Blade. Price, 75 cts. each.

BRUSHES.



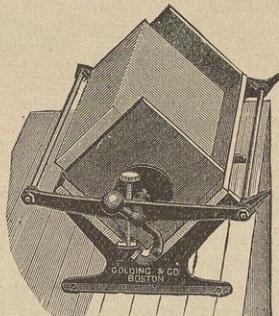
No. 1 — 2 $\frac{3}{4}$ x 5 $\frac{1}{2}$	20 cts.	Bristle.
" 2 — 3 $\frac{1}{2}$ x 5 $\frac{1}{2}$	25 "	50 "
" 3 — 3 $\frac{1}{2}$ x 8	40 "	75 "
" 4 — 3 $\frac{3}{4}$ x 9 $\frac{1}{2}$	50 "	90 "

Proof Brush, all bristle, with handle, size of body 4 x 7 inch. \$1 25

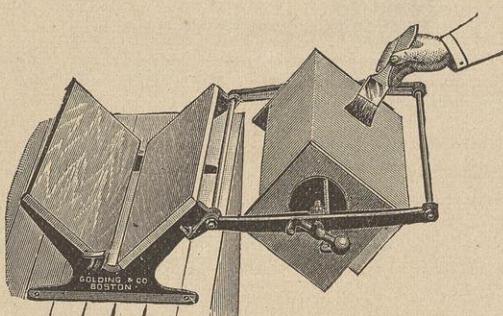
Benzine Brush, all bristle, with oval back, 2 x 5 inch. 45

The Tampico brushes are much preferable to the bristle brushes, when used in lye.

IMPROVED TABLET PRESS.



PAPER IN PRESS.



APPLYING THE CEMENT.

This press is used for forming into tablets or blocks bill-heads, letter-heads, etc. It is so simple in operation that an ordinary boy can work it.

The first illustration shows the machine when closed and packed with paper. When the paper is properly secured it can be thrown over, as shown in second illustration, bringing the lower and smooth edges uppermost, ready for gluing.

SIZES AND PRICES.

No. 1—Holds 2,000 sheets, up to 6×12 in.... \$6.00
" 2—" 5,000 " " 8×16 in.... 12.00

GOLDING'S BINDERS' LIQUID CEMENT.

This Cement is much superior to glue, because it does not require heating; is much stronger, as it will not crack; spreads easier, and leaves a gloss; is not hurt by moisture or heat; and as it is made in colors, it is not necessary to use colored paper to finish.

Red, Blue, Green, or Yellow, $\frac{1}{2}$ pints, 35 cts.; pints, 60 cts.; quarts, \$1.00; gals., \$3.80.

Colorless, 2 oz., 20 cts.; $\frac{1}{2}$ pints, 30 cts.; pints, 55 cts.; quarts, 90 cts.; gals., \$3.40.

One quart is enough for 100,000 sheets, note size.

REDUCINE.

For reducing printers' ink in cold or damp weather, preserving rollers and giving green or sticky rollers a proper suction.

Price, per bottle..... 50 cts.

LYE, FOR WASHING TYPE.

Concentrated, in 1 lb. cans..... 20 cts.

BINGHAM & RUNGE'S LIQUID PADDING GLUE.



BRAND
B.R.
Manufactured by BINGHAM & RUNGE, Printers' Rollers & Composition Padding Glue, and the B. & R. Improved Liquid Padding Glue.
CLEVELAND, OHIO.

PRICES

Per Colors

Brand Red—Dark Red,

Purple—Green, and Colorless

Half Pint..... 35 cts.

Pint..... 60 cts.

Quart..... 1.00

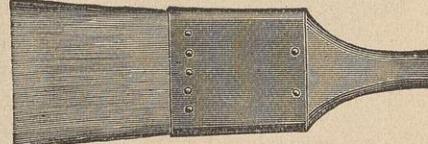
Gallon..... 3.75

Its best features are that it has a good body and is therefore economical; it does not corrode; does not chip off; is always ready for use; it is aromatic; its bright colors give a finished appearance to the pads, which are left firm and smooth.

Colors—Bright Red, Dark Red, Green, Purple, Colorless.

Prices, half pint, 35 cts.; pint, 60 cts.; quart, \$1.00; gallon, \$3.75.

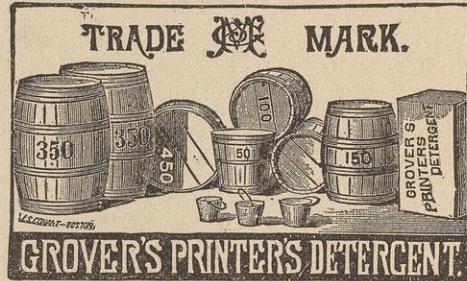
CEMENT BRUSHES.



Made of French bristles, flat, double thick.

1 inch.....	\$0.30
1 $\frac{1}{2}$ ".....	40
2 ".....	55
2 $\frac{1}{2}$ ".....	75
3 ".....	1.00

GROVER'S PRINTERS' DETERGENT.



GROVER'S PRINTERS' DETERGENT.

Contains no acid or corrosive ingredient, and has acquired popularity among printers.

It is the most popular type cleanser made, and is used by all the leading printers of the United States. It has been in the market many years, and the demand shows a steady increase.

1-lb. can.....	\$0.20
5-lb. pail.....	75
10-lb. pail.....	1.25
50 and 100 lb. kegs, per lb.....	10

INKOLEUM.

A colorless reducer for printing inks. It is good for printing and lithographic inks. It causes ink to dry quickly on paper. It works finely for reducing ink for tint work. It cannot freeze.

Price, half-pound bottle..... 50 cts.

ROLLER COMPOSITION.

Regular, per lb.....	25 cts.
Extra, ".....	50 "
Van Bibber's "Rough and Ready".....	35 "

TYPE MEASURES.

IN CARD BOARD, SIZE 12 INCHES \times 2 $\frac{1}{2}$ INCHES.

	No. 0	No. 1	No. 2	No. 3	No. 4	No. 5	No. 6	REULING
5	10	9	8	7	6	5	4	12 Points
4	10	9	8	7	6	5	4	11 Points
3	10	9	8	7	6	5	4	10 Points
2	10	9	8	7	6	5	4	9 Points
1	10	9	8	7	6	5	4	8 Points

One-third size. Space between figures punched out to give edges.

Made on the point system, sizes 4 $\frac{1}{2}$, 5, 5 $\frac{1}{2}$, 6, 7, 8, 9, 10, 11 and 12 point. Price, each 25 cts.

BOXWOOD TYPE MEASURES. ON THE OLD SYSTEM.

12 inches long \times $\frac{5}{8}$ inch square, from Agate to Pica. Price, each 75 cts.

Brass Type Measures made to order.

BRASS LABEL HOLDERS.

FOR FRONTS OF CASES.



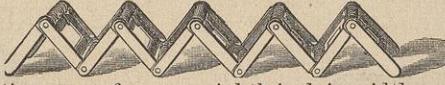
The frames hold a movable card on which appears the title and face of the type. They improve the appearance of the cabinet; hold the labels securely; facilitate composition and distribution, and are readily changed when desired.

PRICES, PER HUNDRED, COMPLETE WITH TACKS AND CARDS.

3 $\frac{1}{2}$ inches long	.....	\$2 55
4	.....	2 60
4 $\frac{1}{2}$	.....	2 65
5	.....	2 70
5 $\frac{1}{2}$	.....	2 75

Price per dozen, with cards and tacks, 35 cts.

LIEB'S LABEL CUTTING GAUGE.



Works accurately, for cutting paper from one-eighth inch in width and upward.

It will compress to a thickness of three-eighths of an inch, and when upright, two inches in height of paper can be cut.

Price of 8 link gauge \$7 00 | Extra links \$1.00 each.

R. HOE & CO'S PATENT BENZINE CAN.

This can makes it possible to use that dangerous fluid, benzine, with perfect safety from fire.

It is only a question of ordinary prudence so far as fire risk is concerned, to use these cans, and fire underwriters are not slow to appreciate a printer's care in that respect. The top is adjusted with springs so that the benzine can flow readily when in use, while it controls the dangerous fumes or gases.

Made of brass, and guaranteed not to leak.

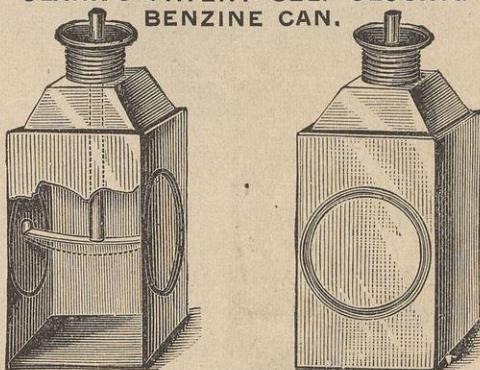
PRICES.

Each.

Pint cans	.... \$0 75
Quart cans	... 1 00
Half-gal. cans	1 40
Gallon cans	2 00



CLARK'S PATENT SELF-CLOSING BENZINE CAN.



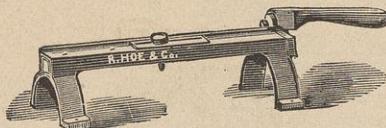
This can works on the same principle as a spring oil can, but instead of the bottom being springy, the sides are thus made. As the sides are pressed in by the hand, the flat spring inside bulges. This draws down the rod that opens the valve at the top.

The action is very simple and yet reliable.

The valve is so placed as to be protected from injury, and it is so perfectly made that no fluid can escape if the can be upset.

The cut shows a can very convenient for handling, having a capacity of nearly a quart. Price, 65 cts. Full quart size, price 75 cts.

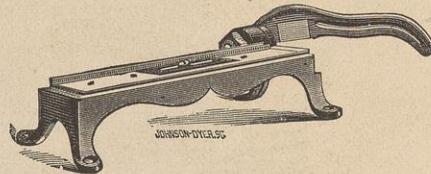
HOE LEAD CUTTER.



Bed, 8½ inches; shears, 1½ inches.

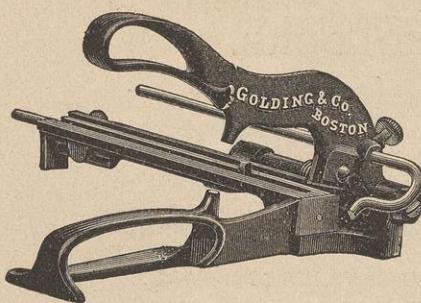
Price, with outside gauge..... \$3 50 Price..... \$2 00

CURTIS LEAD CUTTER, No. 1.



Bed, 8½ inches.

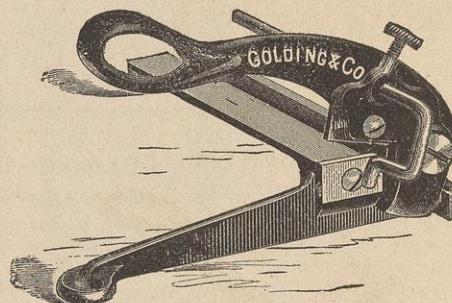
NONPAREIL LEAD CUTTER.



This will cut four-to-pica Brass Rule.

Price..... \$4 00 Price..... \$2 00

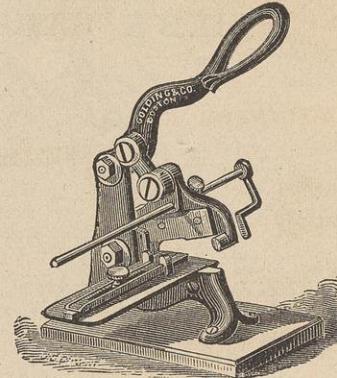
PEARL LEAD CUTTER.



A cheap Cutter, for Leads only.

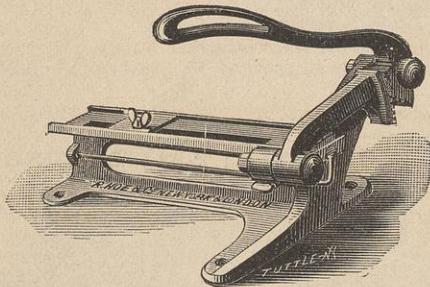
Price..... \$2 00

"LITTLE GIANT" RULE CUTTER.



HOE LEAD AND RULE CUTTER.

WITH GEARED LEVER.



Bed, 12 inches; shears, 2 inches.

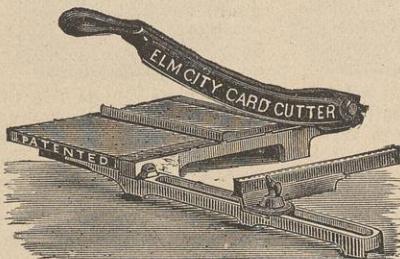
Price..... \$7 50 Price..... \$8 00

" with outside gauge..... 8 00

No. 1—Gauges 12 inches \$8 00
" 2— " " graduated to picas. 9 00
" 3— " 18 inches, " " 12 00

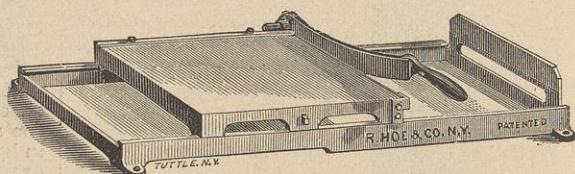
Boxing, 30 cts. and 50 cts.

ELM CITY CARD CUTTER.



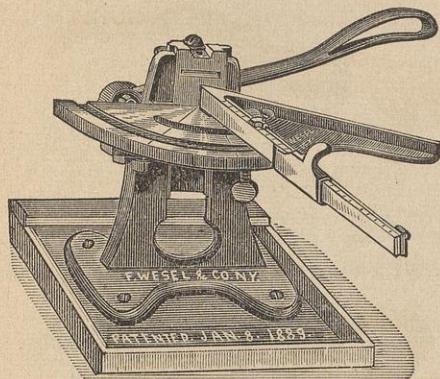
It will cut a full sheet with a 12-inch blade. Accurate in working. Price, \$10 00

CARD CUTTER.



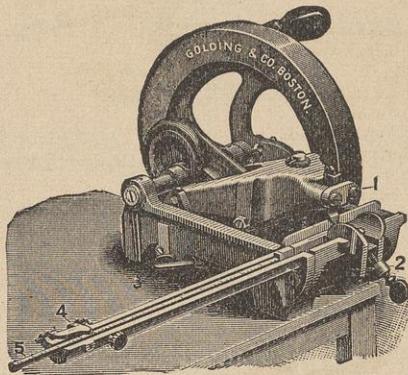
Size Shears.	Price.	Size Shears.	Price.
6 inches.....	\$12 00	12 inches.....	\$21 00
8 "	15 00	15 "	24 00
10 "	18 00	18 "	30 00
25 "		20 "	40 00

WESEL'S PATENT UPRIGHT MITRE MACHINE.



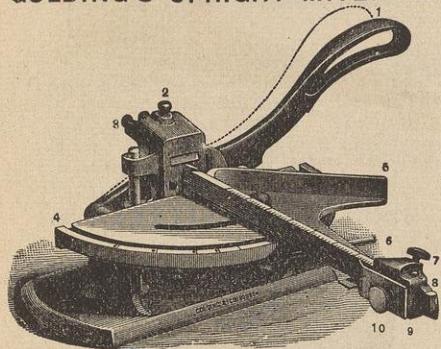
Price, with Sliding Gauge \$15 00
 " " Micrometer Gauge 20 00

LITTLE GIANT RULE SHAPER.



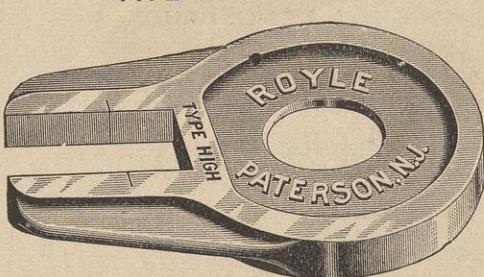
Price, \$35.00. Patent Standard Gauge, \$5.00 extra.

GOLDING'S UPRIGHT MITERER.



Price, boxed \$14 00

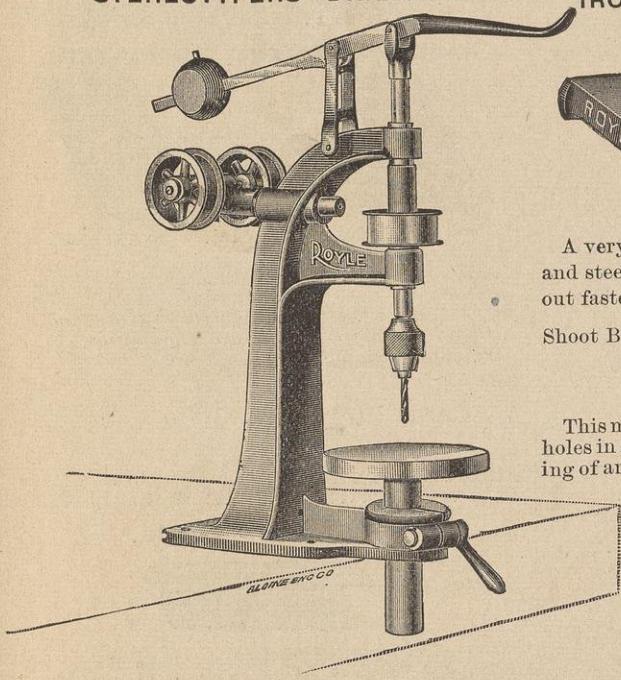
TYPE-HIGH GAUGE.



For testing the height of Cuts and Electrotypes.

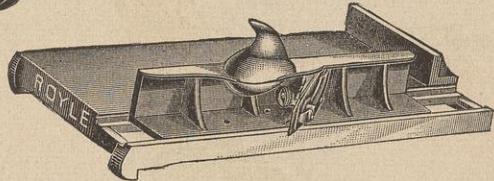
Price, \$2.50.

STEREOTYERS' DRILL.



The spindle is 11-16th in. in diameter, and has a vertical movement of $2\frac{1}{2}$ inches. The table has a vertical adjustment of 3 inches. The diameter of the table is 7 inches. The distance to the centre of drill is $5\frac{1}{2}$ inches. Weight of the drill alone is 43 lbs. Weight of overhead counter, 22 lbs. Price, as shown in the cut, but without Chuck, \$18; extra for Counter, \$5; extra for Almond Chuck, \$5.50.

IRON SHOOT BOARD AND PLANE.



A very convenient and well made tool. All iron and steel. Can be used on any bench or table without fastening.

Shoot Board, $10\frac{1}{2} \times 24$ in., \$12.00; 18×30 in., \$20.00.
 Shoot Plane, \$8.00.

This machine is used for making nail holes or screw holes in zinc or electrotypes plates, and for light drilling of any kind it is admirably adapted. It is nicely arranged with a counter-balanced sensitive lever for controlling the vertical movements of the drill spindle. Holes to about 5-16ths in. in diameter may be drilled.

Removable bushings are provided for the spindle bearings, which, in the event of wear, can be readily renewed. The table may be raised or lowered and fixed at any given point by means of the clamping handle shown at the front.

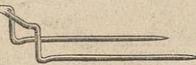
GAUGE PINS AND APPLIANCES.

SINGLE PRONG GAUGE PINS.



FOUR SIZES:—Nos. 1, 3, 6, 7. Price, 25 cts. per doz.
Price per gross loose in a metal box, \$1.80.

TWO PRONG GAUGE PINS.



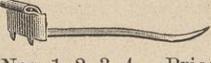
SIX SIZES:—Nos. 0, 1, 2, 3, 4, 6. Price, 25c. per doz.

GOLDEN STEEL GAUGE PINS.



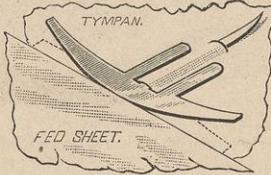
SIX SIZES:—Nos. 1, 2, 3, 4, 5, 6. Price, 40c. per doz.

ORIGINAL STEEL GAUGE PINS.



FOUR SIZES:—Nos. 1, 2, 3, 4. Price, 60c. per doz.

FLEXIBLE GAUGE PINS.



The most striking and important feature of this new gauge pin is its wonderful adaptation as a side-gauge.

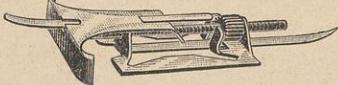
THREE SIZES:—Nos. 1, 3, 4. Price, 75c. per doz.
Cut shows No. 1. No. 4, Side-Gauge. No. 1, Low Bottom-Gauge. No. 3, High Bottom-Gauge.

SPRING TONGUE GAUGE PIN.

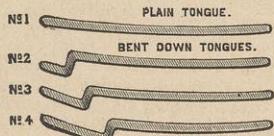


ONE SIZE:—No. 1. The tongue is adjustable.
Price, per doz., \$1.20. Per set of three, 40 cts.
Including an extra tongue for each pin.
Price of extra tongues, long or short, 25c. per doz.

SCREW ADJUSTING GAUGE PIN.

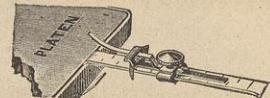


ONE SIZE:—No. 1. Has an adjustable tongue.
An adjustable gauge pin without teeth.
Price, \$1.00 per set; three in a set, including one dozen extra tongues of different shapes.



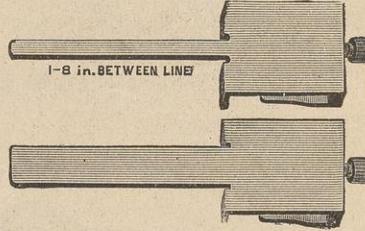
Tongues sold extra at 25 cents per dozen, either number, or assorted.

EXTENSION FEED GUIDES.



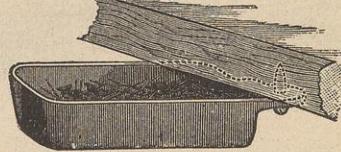
For gauging sheets at or below the edge of the platen. The extension is 2½ inches long and may be cut down if required.

Price, \$1.00 per set, two in a set, complete with an extra pair of short guides and tongues.

BETWEEN-LINE FINGERS.— $\frac{1}{3}$ AND $\frac{5}{8}$ INCH.

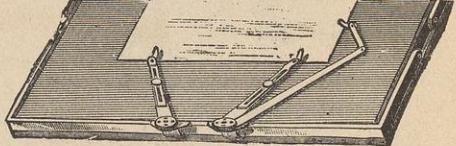
These may be passed between lines or over the head or foot of sheet. They prevent slur by holding the sheet flat, and ink marks from taking from leads, quads or blocks. Are excellent for holding envelopes down, and laying curled sheets flat. The $\frac{1}{3}$ in. may be run between very narrow lines with safety.

IRON GAUGE PIN DRAWER.



A handy place for gauge pins when not in use.
Size, $2\frac{1}{2} \times 3\frac{1}{2} \times \frac{1}{2}$ deep. Price, 25 cts. ea. \$2.75 doz.

RADIATING SHEET SUPPORTERS.



Used in the bail, do no injury to tympan, and combine a side gauge.

One set of these will cover any part of the platen from the centre to the lower edge without protruding beyond. The side supporter is jointed and attachable to the left hand bottom supporter.

Put up in complete sets, as follows:

Sizes.....	3	$3\frac{1}{2}$	4	$4\frac{1}{2}$
Prices.....	\$3.00	3.10	3.20	3.30
Press.....	7×11	8×12	9×13	10×15
Sizes.....	5	$5\frac{1}{2}$	6	$6\frac{1}{2}$
Prices.....	\$3.40	3.50	3.60	3.70
Press.....	11×17	12×18	13×19	14×22

ORVIS FEED GUIDE.



This guide is simple in construction and very easy to adjust. It is made of pliable brass and is not liable to break.

It does not mar the packing sheets, nor injure the platen.

Price, per set of three, 15 cts.

WOOD ENGRAVERS' SUPPLIES.

TOOLS.



Tint, in 6 sizes, each, 15 cents.



Round edge, in 12 sizes, each, 15 cents.



Flat edge, in 9 sizes, each, 15 cents.



Lozenge, in 6 sizes, each, 15 cents.



Square, in 12 sizes, each, 15 cents.



Ellipse, in 4 sizes, each, 15 cents.



Gouge, in 3 sizes, each, 15 cents.

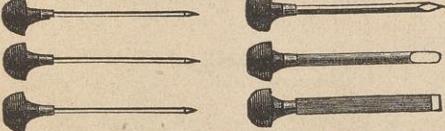


Chisel, in 3 sizes, each, 15 cents.

Handles, each, 5 cents.

Fine German and French tools, from \$3 to \$6 per doz.

PRINTER'S SET.



Useful in an office for slight alterations to cuts or wood type.

Six tools, sharpened, \$2.50.

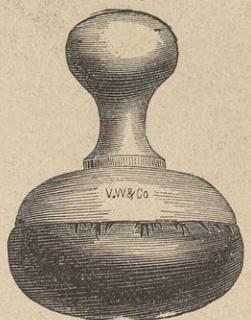
Proof Ink, per pot	\$0 50 to \$1 00
India Proof Paper, per sheet	10 to 15
" " " per quire	from 2 00
Tracing Paper, per sheet	10
India Ink, per bottle	35

WOODS.

End Wood, Maple, per square inch	\$0 01
" Mahogany, per square inch	01
Side Wood, Pine, type high, per square foot	20
" Pine tint blocks, $27\frac{1}{2} \times 39\frac{1}{4}$ in	1 25
" Mahogany for Blocking plates, $\frac{3}{4}$ in. inch thick, per foot	40
" Cherry for Blocking plates, $\frac{3}{4}$ in. thick, per foot	25

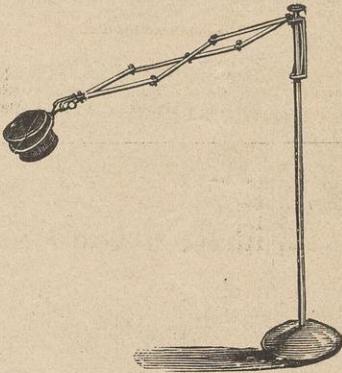
**BLOCKING, MORTISING, GLUING, ROUTING,
PIECING, PLUGGING, SAWING, NOTCH-
ING, AND OTHER JOBBING FOR
PRINTERS AND ENGRAVERS.**

INK DAUBER.



Price, \$1.00.

STAND AND GLASS.



Price, each	\$2 25
Extra Glasses, from	50 to 1 00
Bull's Eye Glasses, from	75 to 1 50

STAND AND PAD.



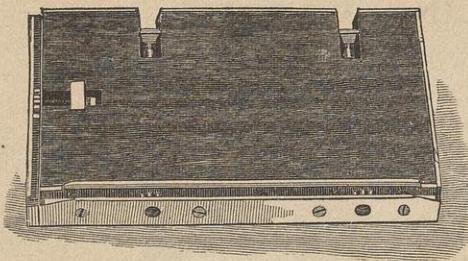
Stands	\$2 25
Pads	50 to 1 25

BOOKS FOR PRINTERS.

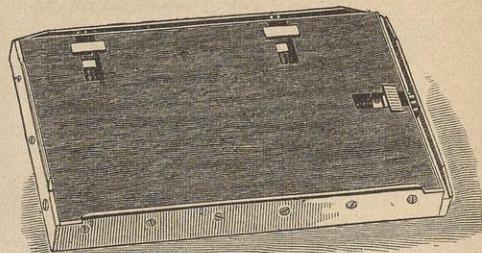
American Printer, by MacKellar	\$2 00
Art of Wood Engraving	50
Diagrams of Imposition, by H. G. Bishop	50
Printer's Ready Reckoner, by H. G. Bishop	50
The Practical Printer, by H. G. Bishop	1 00
Bidwell's New Handbook	75
" Prompt Computer, in cloth	2 00
" " " in leather	2 75

The book comprises six series of tables, viz.: 1st—Tables of Measurements; 2d—Tables of Weekly Wages; 3d—Tables of Hourly Wages; 4th—Prices per 1,000 ems; 5th—Prices per page; 6th—Make-up, making a very valuable book.

PATENTED STEREOTYPE BLOCKS.



Improved Plain Old Style, with Patent End Hook.



New Style, with Patent End and Side Hooks.

These Blocks are made of the best seasoned mahogany, brass bound, with iron hooks, worked with STEEL PINIONS. They are warranted perfect, as every part is fitted with great care. Any ordinary order can be filled so as to deliver in a few hours.

DIMENSIONS AND PRICES, WITHOUT END HOOKS, FOR PLATEN PRESSES.

Sizes.	Outside Dimensions of Blocks.	No. of Side Hooks.	Improved Plain Old Style.	New Style Patent.	Patent Iron.	No. of Side and End Hooks.	Improved Plain Old Style.	New Style Patent.	Patent Iron.	Proper number of Blocks to work a Sheet of Paper.
Folio :										
Imperial ...	16 \times 22 $\frac{1}{2}$	4	\$5 00	\$6 25	\$16 00	7	\$7 25	\$8 50	\$21 00	4 blocks to 33 \times 46
Sup. Royal.	13 $\frac{1}{2}$ \times 21 $\frac{1}{2}$	4	4 55	5 70	15 00	7	6 80	7 95	19 50	2 " 22 \times 28
Royal	12 $\frac{1}{2}$ \times 19 $\frac{1}{2}$	4	4 20	5 25	14 00	7	6 40	7 45	18 25	4 " 26 \times 40
Medium	11 $\frac{1}{2}$ \times 18 $\frac{1}{2}$	4	3 90	4 80	13 00	7	6 10	7 00	17 25	4 " 24 \times 38
Quarto :										
Imperial ...	11 \times 16	4	3 75	4 50	12 00	6	5 30	6 10	15 00	8 " 33 \times 46
Sup. Royal.	10 $\frac{1}{2}$ \times 13 $\frac{1}{2}$	3	3 10	3 75	10 50	5	4 50	5 25	13 50	4 " 22 \times 28
Royal	9 $\frac{1}{2}$ \times 12 $\frac{1}{2}$	3	2 95	3 50	10 00	5	4 25	4 90	12 75	8 " 26 \times 40
Medium	9 \times 11 $\frac{1}{2}$	3	2 80	3 30	9 50	5	4 00	4 60	12 25	8 " 24 \times 38
Octavo :										
Imperial ...	7 $\frac{1}{2}$ \times 11	3	2 65	3 10	9 00	4	3 30	3 80	10 75	16 " 33 \times 46
Sup. Royal.	6 $\frac{1}{2}$ \times 10 $\frac{1}{2}$	3	2 50	2 90	8 50	4	3 15	3 60	10 00	8 " 22 \times 28
Royal	6 \times 9 $\frac{1}{2}$	3	2 40	2 75	8 00	4	3 00	3 40	9 50	16 " 26 \times 40
Medium	5 $\frac{1}{2}$ \times 9	3	2 30	2 60	7 75	4	2 85	3 25	9 00	16 " 24 \times 38
Demy	5 $\frac{1}{4}$ \times 7 $\frac{1}{2}$	3	2 20	2 45	7 50	4	2 70	3 10	8 50	32 " 33 \times 46
Duodecimo :										
Broad	5 $\frac{1}{4}$ \times 6 $\frac{1}{4}$	2	1 65	1 90		3	2 05	2 45		24 " 23 \times 41
Sixteenmo :										
Sup. Royal.	5 \times 6 $\frac{1}{2}$	2	1 50	1 70		3	1 95	2 30		16 " 22 \times 28
Medium	4 $\frac{1}{2}$ \times 6	2	1 40	1 60		3	1 85	2 15		32 " 26 \times 40
Demy	3 $\frac{3}{4}$ \times 5 $\frac{1}{4}$	2	1 30	1 50		3	1 75	2 00		32 " 23 \times 33
Eighteenmo :										
Medium	3 $\frac{1}{2}$ \times 5 $\frac{1}{4}$	2	1 30	1 50		3	1 75	2 00		18 " 19 \times 24
Thirty-twomo:										
Sup. Royal.	3 \times 5	2	1 20	1 40		3	1 65	1 85		32 " 22 \times 28

To get the price of Blocks with Head Brass, but no End Hook, take the price of the next largest size in price-list.

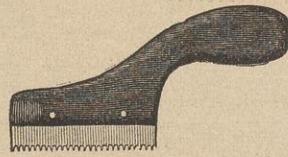
When ordering, give the *outside dimensions* of blocks; also the size of the *largest* and the *smallest* plates to be worked, measuring the plate on the back. Also state whether "Improved Plain Old Style" or "New Style Patent" is wanted, and if with or without end hooks. The standard height of blocks is $\frac{1}{2}$ inch.

Steel pinions, 15 cents each. Hooks, 10 cents. For every hook and pinion less than the regular number, deduct 25 cents. For additional side or end hooks and pinions, 50 cents each.

Prices furnished on application for blocks of irregular size, or for rule blocks with type-high brass rules surrounding them, for border work.

THE CARE OF STEREOTYPE BLOCKS.

To prevent warping, blocks should *never* be sent to the washing trough, nor allowed to stand on a *wet* stone. Use benzine sparingly, and when cleaning is completed wipe the blocks dry. They should be oiled occasionally, and the mortises and screw threads cleaned. Stow them, placed on their edges, in a dry, close closet, remote from steam pipes or heaters, where they will not be exposed to changes of temperature.



Brass, wooden handle.

" steel " ..

Steel, wooden " ..

" steel " ..

50 cts.

50 "

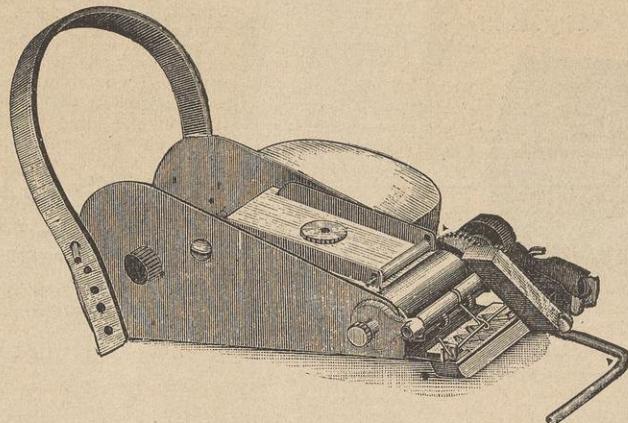
75 "

75 "

are made from sugar according to the system of names from the block is the work expression from the block system, as to get loose from the block and price

RATCHETS FOR STEREOTYPE BLOCKS.

Brass, wooden handle.	50 cts.
" steel " ..	50 "
Steel, wooden " ..	75 "
" steel " ..	75 "

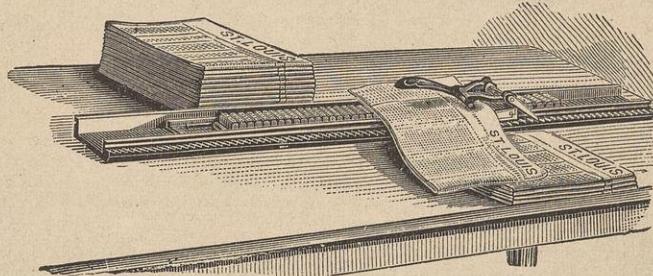
"THE CLIMAX" MAILING MACHINE.

The above cut illustrates a mailer to be operated by the arm and hand, that differs from all others in size as well as in several other important features. Its dimensions are two and one-half inches wide and eight inches long, and it weighs only two and one-quarter pounds. Its construction is simple and durable; its work effective. It must be seen and operated to be appreciated.

In addition to its superiority, the price is very moderate (only \$15.00), subject to no royalty or other restriction.

PINER'S MUSTANG MAILER.

Patented December 17th, 1878.



IN ACT OF PRINTING.

Price of machine..... \$10 00 | Galleys, each..... \$0 50

These machines, made wholly of iron, are so simply constructed that they are not liable to get out of order. They occupy a space of $37 \times 4\frac{1}{2}$ inches. An expert boy can address at the rate of 1,500 papers or wrappers per hour. The process of addressing is well shown in the above engraving.

The mail list is made up on galleys of 10 picas in width, each containing 75 addresses. They are easily accessible for making corrections, and are convenient for handling.

As the weight of a machine is only 16 pounds, and the galleys one pound each, the express charges are very light.

MAILING TYPE.

Long Primer (10 point), including Post Office type, and combinations, 46 cents per lb. About 75 lbs. required for 1,000 names.

MAILING ADDRESS BLOCKS.

N.J. EMMETT.
161 W. 7TH ST.

JNO SMITH
BLANKVILLE ME

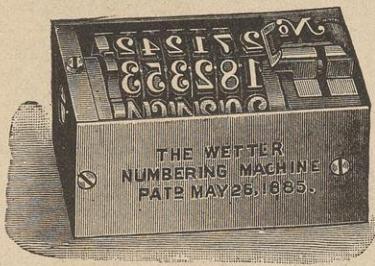
These are made from sugar maple and vary from five-eighths of an inch to type-high, and of various widths, according to the system used. By their use one can avoid having extensive fonts of metal type. The excision of names from the mailing list is a perfectly simple matter, and to add a name to the list by stamping a block is the work of but a few moments. The end wood blocks will last for years and are very economical.

The impression from the block being made direct upon the paper or the wrapper, there is no chance for the address to get loose from the piece and become lost in the mail bag. That alone is a great point in favor of the block system, as against the type printed poster.

Samples of blocks and prices of the different styles will be mailed to applicants.

WETTER'S PATENT NUMBERING MACHINE.

This machine, protected by effective patents, is made type high, and is locked in the form the same as other type matter. It is equally adapted to platen or cylinder presses. The action is simple, but admirably effective. The impression of the figures can be given without the prefix No. if so desired. By a very simple operation one can obtain, while the press is working, a repetition of the same numbers, instead of consecutive ones, and to return to the consecutive numbering is just as easy. Printers have the choice of three styles of type, as shown here.



Various modifications of the Wetter type-high machine for duplex numbering, railroad tickets, sale slips, bank coupons, etc., are in successful operation.

No 1234567890

No 1234567890

No 1234567890

PRICES.

For five wheel machine \$25 00 | For six wheel machine \$ 30 00

BATES NUMBERING MACHINES.

THE AUTOMATIC MACHINE, dial setting movement, numbers *consecutively, duplicates and repeats*. Its weight is scarcely 14 oz., but it is very compact and strong. With iron nickel plated frame, steel for wearing parts, and the most accurate workmanship, the friction is so slight that when in operation the machine is *almost noiseless*.

To change from consecutive to duplicate or continuous numbering, it is only necessary to *move a dial pointer*. Nothing simpler.

THE CONSECUTIVE MACHINE.

This machine is designed for numbering which is irregular, such as printing one, two, three or more impressions of the same number. The action is effected by a lever at the back of the machine. It is equally well made as the Automatic, and is of the same weight.

Prices of the Automatic or Consecutive Machine.

Machines with 4 wheels from 1 to	9,999..	\$14
" " 5 " " 1 to	99,999..	16
" " 6 " " 1 to	999,999..	18
" " 7 " " 1 to 9,999,999..	20	

These prices are for machines made with any of the styles of figures shown. Every machine guaranteed.



AUTOMATIC.



CONSECUTIVE.

Style A

12345

Style B

12345

Style C

12345

Style D

12345

Style E

12345

Style F

12345

Style G

12345

Style H

12345

Any size or style of figures will be made to order.

THE BATES TYPOGRAPHIC NUMBERING MACHINE.

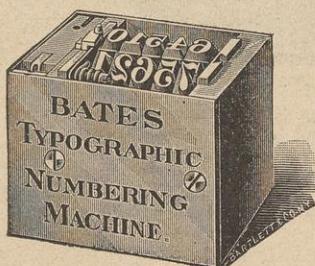
Specially designed for the use of job printers for consecutively numbering tickets, checks, order blanks, stubs, etc., at the original printing.

The illustration shows the actual size of the machine, which is locked up with the form as worked in an ordinary printing press. At each impression the platen or cylinder of the press depresses the figure discs, which causes the numbers to follow in their order. *No plunger is used.*

This machine has the merits of great durability; facility of making ready or returning to the 0 point; the interchangeableness of all the steel parts, and the mechanical accuracy employed.

Price \$30 00

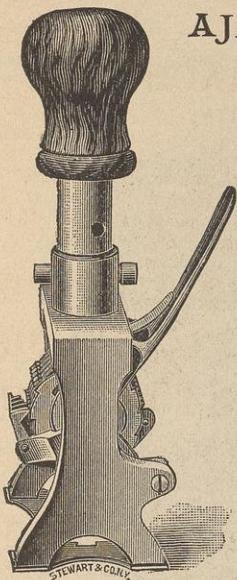
Made with figures, styles A, B, C, D, G, H. Unless otherwise ordered, style C will be furnished.



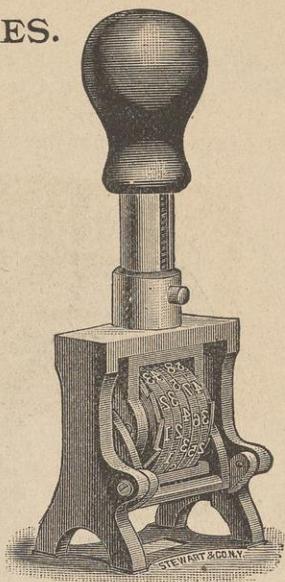
AJAX NUMBERING MACHINES.

Sizes of Figures.

Style C,	1234567890
" D,	1234567890
" E,	1234567890
" F,	1234567890
" G,	1234567890
" FF.	1234567890



LEVER MOVEMENT,
works consecutively.



AUTOMATIC,
works consecutively, also duplicates and repeats.

Prices of the Lever and of the Automatic Machines, with either of the styles of figures shown:

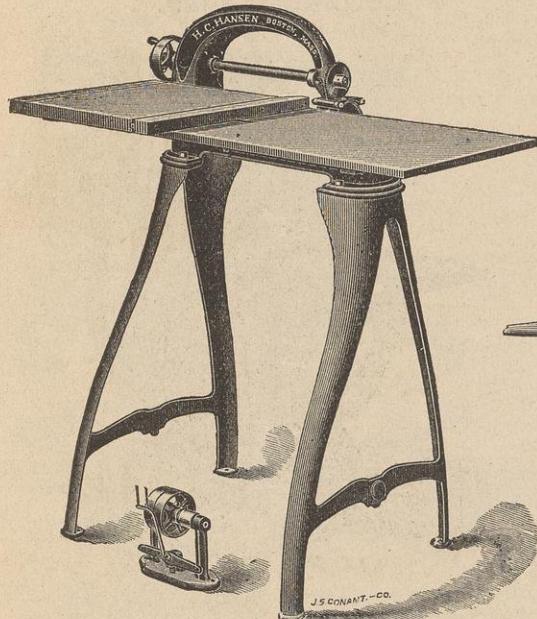
With four wheels, from 1 to 10,000, \$16.00
" five " " 100,000, 18.00
" six " " 1,000,000, 21.00

Both of the Ajax Machines herewith illustrated are made of steel and brass, and are models of simplicity of action, combined with great strength and fineness of finish.

The Lever Machine is preferable to the Automatic when there are more than two impressions of the same number required. The quality of construction is equal to that of the Automatic, and it corresponds with that machine as to size of figures, wheels, rapidity of action, etc.

The Automatic Machine will work consecutively, or it may be adjusted in a moment so as to duplicate or repeat. The changing apparatus is very plain and simple.

HANSEN'S PIN-HOLE PERFORATING MACHINE.

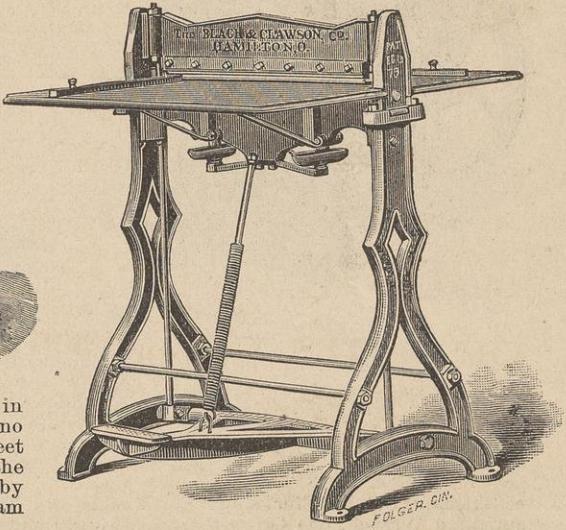


The machine consists of two die wheels placed in such a position as to register perfectly, with no gearing to get out of order. It will perforate a sheet 26 inches wide, and any desired length. It does the work in less than one-fourth the time consumed by any other machine, being run by hand or steam power.

Price, \$75.

BLACK & CLAWSON CO.
PERFORATING MACHINE.

This machine makes round perforations like postage stamps, produced by tempered steel dies. The punch clamping device is patented and so arranged that any number of punches may be removed, so as to give any length or position of rows of perforations, or any length of stub. When the cutting parts become worn or dull they can be detached from the main part of the machine without disturbing their relations to each other, and repaired or replaced by new ones. These parts are small and light and can be shipped by express quickly and cheaply.

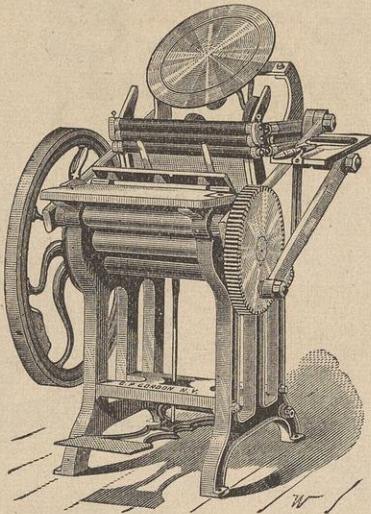


20 in., \$75. ... 24 in., \$100. ... 28 in., \$125.

JOB PRESSES.

NOTICE.—The prices of Printing Presses and other materials, not made by us but quoted herein, are subject to such changes as the manufacturers thereof may make. We sell such articles at the market rates.

GORDON. NEW STYLE.



Eighth Medium—	8×12 in. inside of chase..	\$225 00
" " "	9×13 " " "	250 00
Quarto " "	10×15 " " "	300 00
" " "	11×17 " " "	350 00
Half " "	13×19 " " "	400 00

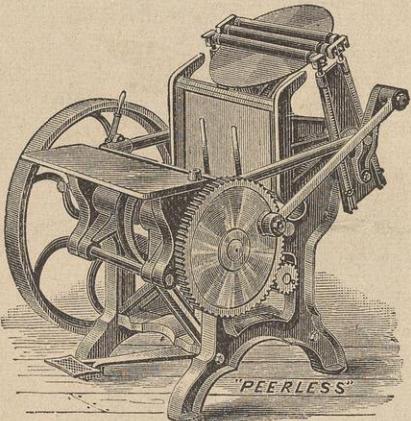
Boxing, \$6.00. \$6.00. \$7.00. \$7.00. \$10.00.

Steam Fixtures, extra, \$15.00.

Sectional Fountain, \$10.00.

One Roller Mold, two sets of Roller Stocks, and three Chases are included with each Press.

PEERLESS.



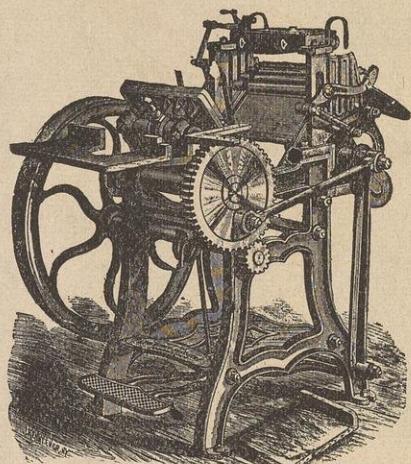
Eighth Medium, inside of chase, 8 × 12....	\$225 00
" " " 9 × 13....	250 00
Quarto " " 10 × 15....	300 00
" " " 11 × 17....	350 00
Half " " 13 × 19....	400 00
" " " 14 × 20....	450 00
" Super Royal, " " 14½ × 22....	500 00

Steam Fixtures, \$15.00. Fountain, \$25.00.

Boxing, \$6.00, \$7.00, \$10.00.

Three Chases, six Roller Stocks, one Roller Mold, one Impression Wrench, one Gripper Wrench, one Brayer, shipped with each Press.

LIBERTY.



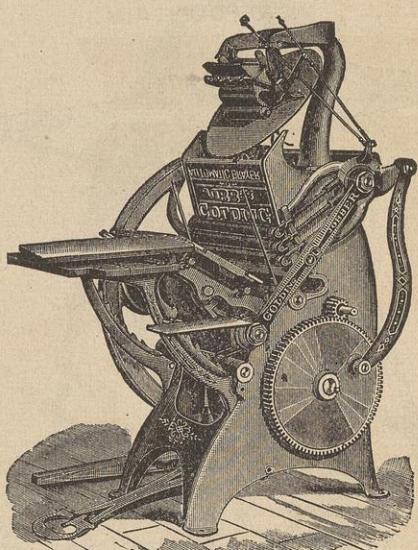
No. 2 — 7×11 inches inside of chase.....	\$200 00
" 2A— 9×13 " " "	250 00
" 3— 10×15 " " "	300 00
" 4— 13×19 " " "	400 00

Boxing, \$6.00. \$7.50. \$10.00.

Steam Fixtures, extra, \$15. Ink Fountain, \$25.

One Roller Mold, two sets of Roller Stocks, and three Chases are included with each Press.

GOLDING JOBBER.



No. 6— 8×12 inches inside of chase.....	\$200 00
" 7— 10×15 " " "	275 00
" 8— 12×18 " " "	350 00

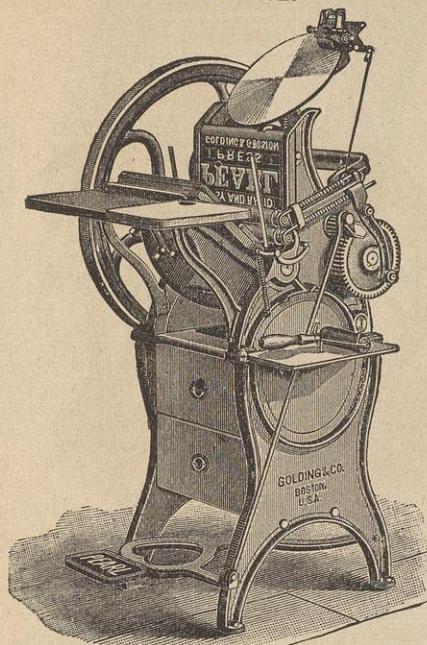
Boxing, \$4.00. \$5.00. \$6.00.

Fountain, \$10.00. Steam Fixtures, \$12.00, \$14.00.

These prices are with three Machine Rollers complete, extra set of Roller Cores, two Chases, Ink-plate, Hand-roller, Wrench, Treadle and Brake.

JOB PRESSES.—CONTINUED.

THE PEARL.

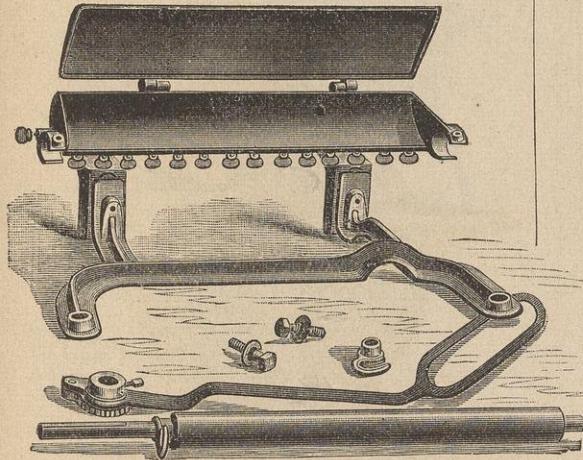


No. 1—5×8 in., inside chase, on iron cabinet, \$70.
" 3—7×11 " " " " 110.

Steam Fixtures, \$9, \$9. Boxing, \$2, \$3.

Two Machine Rollers, Hand Roller and Ink Board, Gauges, Chase, Treadle, Wrench and Screws, are included with every press, and all complete, ready to operate as soon as received.

LIEB'S NEW FOUNTAIN.

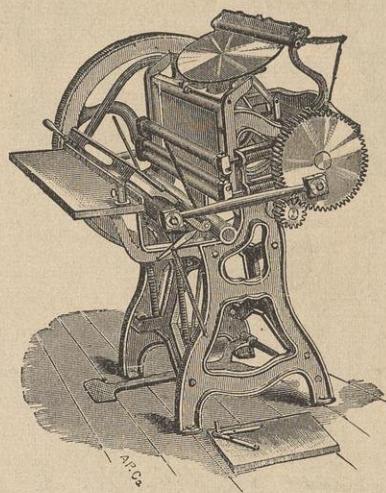


The inventor claims for this Fountain that—
It is the simplest fountain ever made.
It is the full length of the form.
It is the easiest worked.
It is easy to regulate for flow of color.
It can be readily attached to a press by any one familiar with machinery.

For NEW STYLE GORDON. | For OLD STYLE GORDON.

8×12	\$16 00	½ Medium	\$13 50
9×13	17 00		
10×15	18 00	¼ "	15 00
11×17	19 00		
13×19	20 00	½ "	16 50

CITY JOBBER.



PLAIN PRESSES.

Without Throw-off.

6×10	\$65 00	7×11	\$85 00
8×12	85 00	8×12	125 00
9×13	100 00	9×13	140 00
10×15	135 00	10×15	175 00

Ink Fountains, from \$10 to \$12.

HIGHLY FINISHED PRESSES.

With Throw-off.

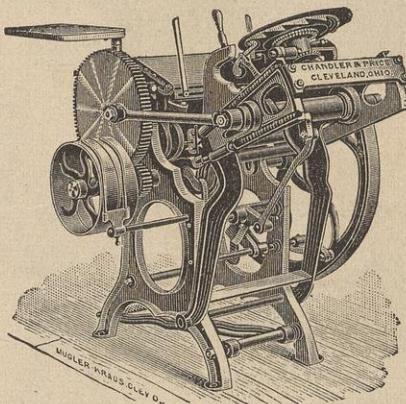
7×11	\$85 00
8×12	125 00
9×13	140 00
10×15	175 00
11×17	225 00

Furnished with steel side arms. The gear wheels are machine cut, making a smooth movement.

Steam Fixtures, \$10.

Both of the above styles of City Jobbers are guaranteed to do first-class work, and are not excelled by any presses of this grade in the market.

OLD STYLE GORDON PRESS.



SIZES AND PRICES:

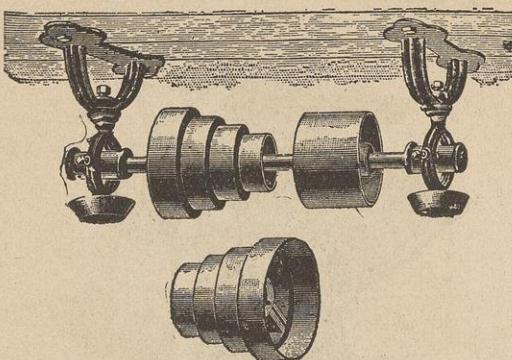
With Throw-off and Depressible Grippers.

Eighth Medium,	7×11	\$150 00
"	8×12	165 00
Quarto	10×15	250 00
Half	14×20	400 00
"	14½×22	450 00

Steam Fixtures, \$15.00.

With each Press there are three Chases, one Bray-er, two sets of Roller Stocks, two Wrenches and one Roller Mold. No charge for boxing and shipping.

OVER-HEAD FIXTURES.



COUNTER SHAFT, HANGERS AND CONE PULLEYS.

For Eighth or Quarto Med., 3 Speeds, Solid Cone Pulley	\$15 00
" " " 3 " Split "	17 25
" " " 4 " Solid "	18 00
" " " 4 " Split "	21 00
" Half or 14½x22 4 " Split "	24 00

When ordering Over-head Fixtures, give exact diameter of main shaft; also the number of revolutions per minute of the same.

ELM CITY COUNTER.



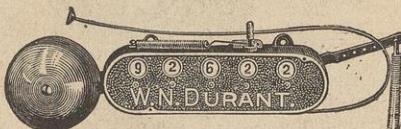
No. 1—Counts 100,000.....	\$10 00
" 2— " 10,000.....	8 00

HART COUNTER.



No. 2—Counts 10,000.....	\$8 00
" 3— " 100,000.....	10 00
" 4— " 1,000,000.....	12 00

DURANT'S PATENT COUNTER.



No. 1—Four dials, registering 10,000.....	\$8 00
" 2—Five " 100,000.....	10 00
" 3—Six " 1,000,000.....	12 00
" 2 Counter, five dials, registering 100,000, with four-inch gong to give an alarm at each 100.....	15 00

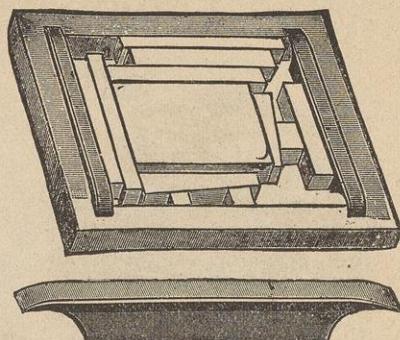
SCREW DRIVERS.



4 in.	5 in.	6 in.	7 in.	8 in.
10 cts.	12 cts.	15 cts.	18 cts.	20 cts.

Above measures are length of blades.

ROLLER BEARERS OR SUPPORTERS.

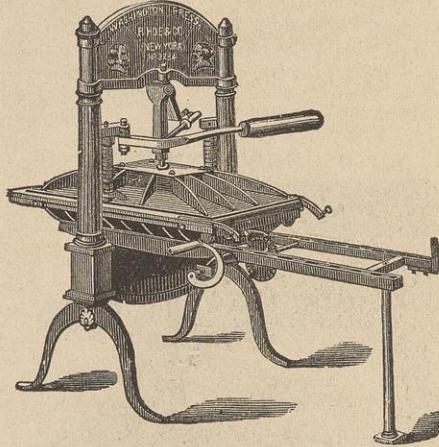


These Bearers for job presses are of steel, type-high, and are locked up with the form in the chase. As they take the undue weight of the rollers off the form, cause an even inking, and save the rollers from being cut by rules or leaders, they much improve the press work. They will not wear out.

PRICES PER PAIR.

5×9.....	35 cts.	10×15.....	50 cts.
7×11.....	40 "	11×17.....	60 "
8×12.....	45 "	13×19.....	75 "
9×13.....	50 "	14×22.....	90 "

HOE WASHINGTON HAND PRESSES.



DIMENSIONS AND PRICES.

Bed.	Platen.	Price.
No. 1 — 17×21 inches.....	14×18 inches.....	\$150 00
" 2 — 20×25 "	16×21 "	175 00
" 3 — 24×29 "	20×25 "	200 00
" 4 — 26×34 "	22×30 "	225 00
" 4½ — 27×39 "	23×35 "	240 00
" 5 — 29×42 "	25×38 "	250 00
" 5½ — 30×44 "	26×40 "	260 00
" 6 — 32×47 "	28×43 "	275 00
" 7 — 35×51 "	31×47 "	300 00
" 8 — 38×55 "	34×51 "	350 00
" 9 — 41×60 "	37×56 "	400 00

Price includes two pairs of points, screw wrench, brayer, 6 inch roller frame and stock, ink slice, ink block, extra frisket, and boxing and cartage. Extra for making frame in pieces and boxing in small boxes, \$15 to \$25.

Points, with Springs, per pair.....	\$0 40
" without " "	25
Tympan Bolt and Nut, "	40

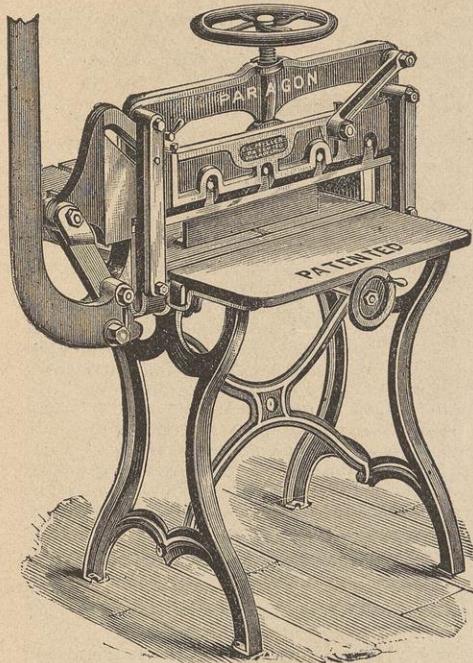
14 in.
22½ in.
25 in.

The
comes
curate

25 in.
30 "

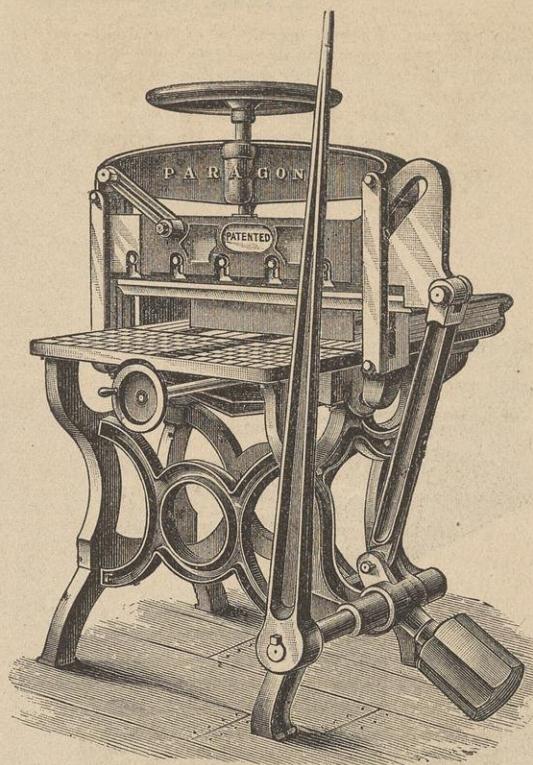
This
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PARAGON PAPER CUTTERS.



22½ AND 25 INCH MACHINES.

14 inch, ..	Weight, 200 lbs., ..	Price, \$45 00
22½ " ..	" 450 " ..	80 00
25 " ..	" 550 " ..	110 00

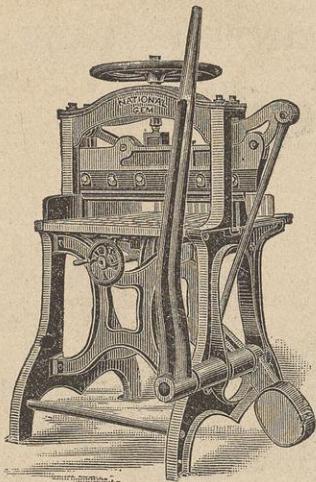


30 AND 32 INCH FRONT LEVER CUTTERS.

30 inch.	Weight, 1000 lbs.,	Price, \$175 00
32 "	" 1200 "	" 200 00

The Paragon Cutters are great favorites because they are well built and bear easily the strain that comes to them. The full cut is made by one stroke of the lever, and their ability to gauge and cut accurately very narrow jobs, even as close as half an inch, is an important feature.

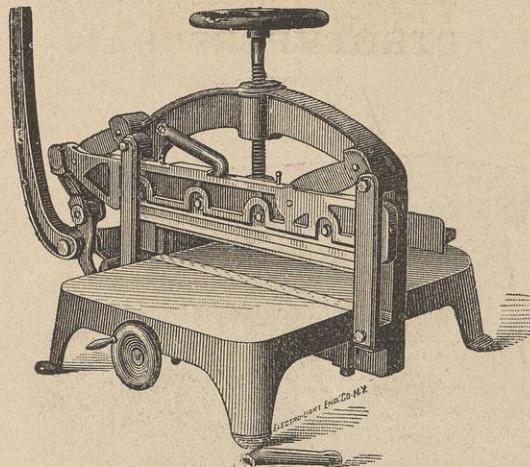
NATIONAL GEM PAPER CUTTER.



25 inch, Weight, 850 lbs., Price, \$125 00
30 " " 1100 " " 175 00

This is a very strong and powerful Cutter, having the best workmanship. No Hand-Lever Machine made can excel it for easy cutting. Both of the machines above mentioned will cut and square to the inches indicated. They have finger back gauge and clamp, for narrow work, gauging to within half an inch of the knife. The table has a rule in it, and is scored in half inch squares.

CITY PAPER CUTTER.



18½ inch, \$55.00.

It squares 18½ inches, and cuts 2½ inches in thickness. Rear gauge of 11 inches, and side gauge of 9 inches long. It will cut stock 1 inch wide.

PAPER CUTTER STRIPS.

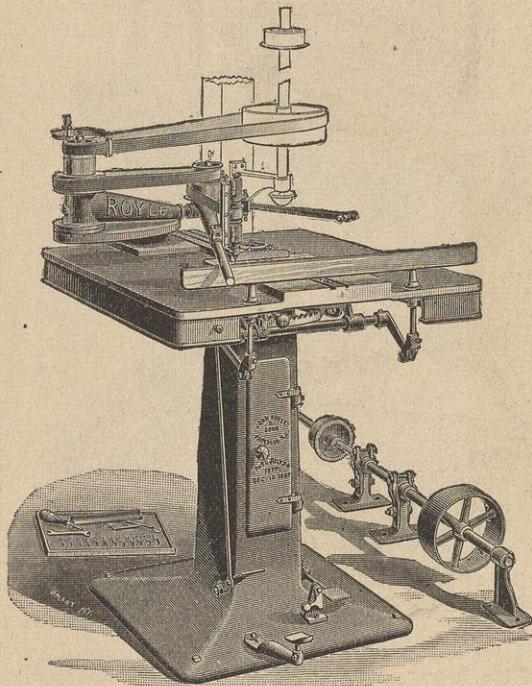
For sizes and prices, see page 9.

GENERAL PURPOSES OF ROUTING MACHINES.

The purpose of these machines is for deepening (technically called routing) the depressed or white portions of engravings; the deepening being done by means of a rapidly revolving vertical cutter, which can be adjusted to the proper depth below the surface of the work.

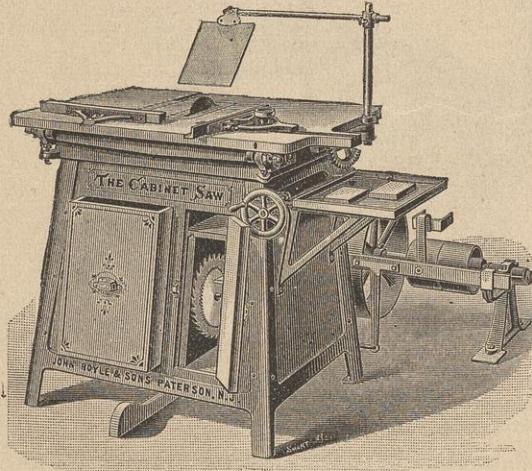
They are designed for routing Zinc or Process Engravings, Electrotype or Stereotype Plates, either blocked or unblocked, Brand Letter Blocks, "Wood Cuts," "Pine Tints" or Show Bill Cuts, and Label Work. They may be used on Brass, Embossing Dies, Book Plates, Soap Dies, and for other purposes.

ROYLE'S RADIAL ARM ROUTING MACHINE.



care on the part of the operator, who will often seek opportunities to clean and brighten up such a fine apparatus. Full descriptive circulars sent upon application. Price, \$

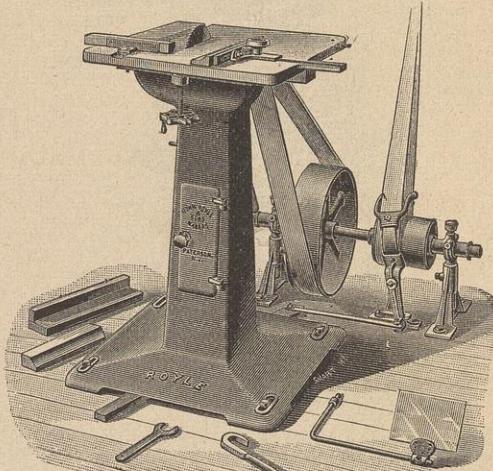
ELECTROTYPERS' SAW.



An iron top machine 37 inches broad $\times 28\frac{1}{2}$ inches. Specially designed for cutting up Electrotype and Photo-process plates. It has a steel mandrel, with self-oiling bearings. A high grade machine, very strong, very accurate, and perfectly adapted to its purpose.

Price..... \$

PRINTERS' SAW.



A little machine, neat in design, very convenient, and accurately made. It has an iron top 22 \times 22 inches, and an iron column, in which is a closet. It has self-oiling bearings and every facility for good working.

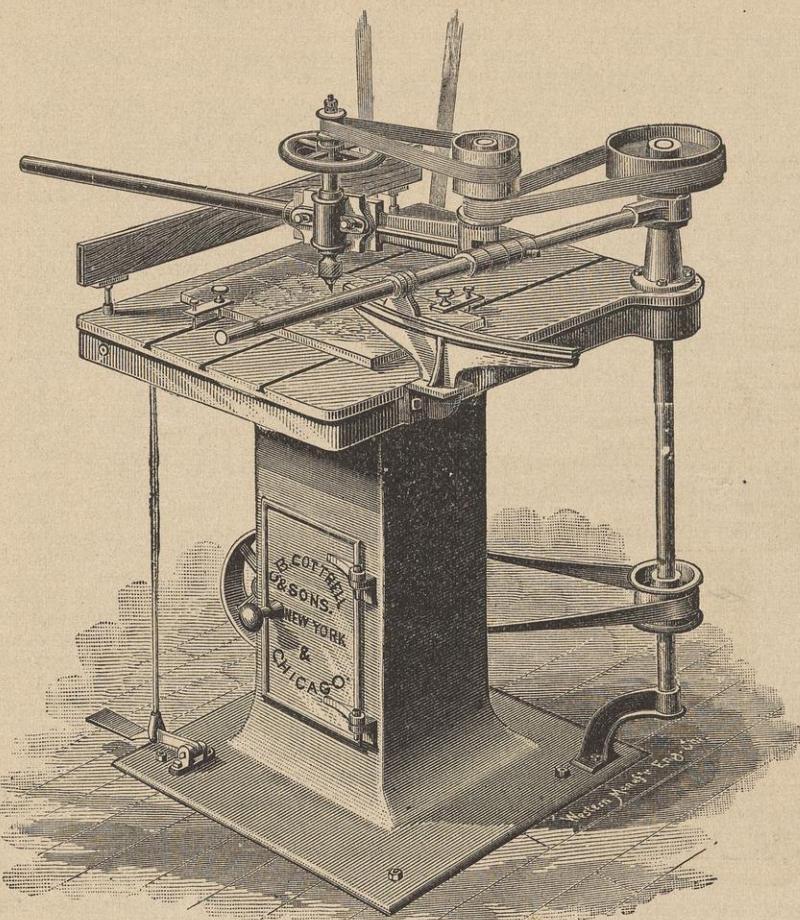
Price..... \$

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COTTRELL'S ROUTING MACHINE.



This machine is designed to meet all the requirements of Electrotypers, Stereotypers and Wood Engravers. It is unsurpassed for simplicity, durability, and accuracy of work. It is mounted on a pedestal base with a broad bottom. The cutting arbor revolves in taper bronze bearings, provided with adjustment for taking up any wear. The tool revolves at the rate of 7,500 revolutions per minute, without tremor or vibration. A double lever, working on a slide, permits the operation of the cutting tool in any direction. The depth of cut is regulated by a small hand wheel. The tool is raised clear of the plate or depressed for cutting by means of a spring gauge operated by the foot. The machine is under perfect control at all times, and can be operated with ease and accuracy. Six routing tools are sent with each machine. Size, 18×32 inches, with countershaft. \$275.00.

ROUTING MACHINE CUTTERS.

STYLE "A."



Fluted, for cutting wood, soft metal, zinc, etc.

STYLE "B."



Flat, for cutting hard zinc.

STYLE "C."



Half Round, for cutting brass.

STYLE "D."



Two Edged, for cutting brass.

Standard size of shanks, $\frac{1}{8}$ inch.

Prices, \$3.00 per dozen, up to $\frac{1}{8}$ inch diameter; over that size, in proportion.

SEDGWICK PAPER JOGGER.

This is an attachment for jogging or straightening the printed sheets as they leave the fly of a cylinder press. It works automatically, and may be easily and quickly adjusted to take a sheet from eight inches square to one as large as the press will print.

Prices:—to fit press 24×36 or less, \$18.00; to fit larger presses, \$20.00.

ESTIMATE FOR PRESSES AND MATERIALS FOR WEEKLY PAPERS OF SMALL CIRCULATION.

	Six column folio sheet, 22×32.	Seven column folio sheet, 24×36.	Eight column folio sheet, 24×40.
Washington Hand Press	No. 4 \$225 00	No. 4½ \$240 00	No. 5 \$250 00
Distributor, with roller frame and stock	No. 4 19 50	No. 4½ 21 00	22 50
Chases, one pair of half	11 00	12 00	13 25
Iron side and foot sticks	2 each 2 68	2 each 3 08	2 each 3 42
Heading for paper	about 3 00	3 00	3 00
*Long Primer roman	125 lbs. 57 50	175 lbs. 80 50	225 lbs. 103 50
Brevier roman	50 " 26 00	50 " 26 00	25 " 13 00
Nonpareil roman	25 " 16 00	25 " 16 00	25 " 16 00
Display type	about 40 00	50 00	60 00
Spaces and quads for display	4 00	5 00	6 00
Nonpareil head rules	3 1 05	3 1 20	3 1 50
Nonpareil column rules	10 5 00	12 6 00	14 7 70
Advertising rules, cut to column	50 1 50	60 1 80	80 2 40
Brass dashes	10 80	15 1 20	20 1 60
All brass galleys, single	6 gals. 12 00	7 gals. 14 00	9 gals. 18 00
All brass galleys, double	1 2 50	2 5 00	3 7 50
Galley rack, iron arms	3 00	3 00	4 00
Stands, double	2 9 00	3 13 50	4 18 00
News cases, pairs, "Strong Slat"	6 10 50	8 prs. 14 00	10 17 50
Job or italic	8 8 00	12 12 00	14 14 00
Slugs, nonpareil and pica, cut to column	10 lbs. 1 60	15 lbs. 2 40	20 lbs. 3 20
Leads, 6 to pica, cut to column	20 " 3 20	30 " 4 80	40 " 6 40
6 inch composing sticks	2 1 50	3 2 25	4 3 00
8 inch composing sticks	1 80	2 1 60	2 1 60
Imposing table	24×36 24 00	29×42 32 00	32×48 38 00
Reglets and furniture	1 00	1 00	1 00
Beveled side sticks	25	25	25
Mallets, planers, shooting sticks and quoins	1 80	1 80	1 80
Ink slab	1 00	1 00	1 00
Proof roller, 6 inch, ready cast	1 75	1 75	1 75
Ink, extra news	10 lbs. 2 00	2 00	2 00

Boxing and shipping extra.

This estimate is based on the supposition that the printer will procure one side of his paper already printed.

* If other sizes of body letter are selected, the only change will be difference in prices.

The estimates above given are not arbitrary, being intended merely as a basis upon which to estimate the cost of an outfit. Any articles not wanted may be omitted, the quantity of type, etc., reduced or increased, different sizes substituted or changed in any way to suit the wants of the customer.

PRICE LIST OF BODY TYPE.

4½ point, Diamond, per lb.	\$1 60
5 " Pearl, "	1 20
5½ " Agate, "	74
6 " Nonpareil, "	64
7 " Minion, "	56
8 " Brevier, "	52
9 " Bourgeois, "	48
10 " Long Primer, "	46
11 " Small Pica, "	44
12 " Pica, "	42

All sizes larger than Pica, 40 cents. On fonts of 500 lbs. or over a reduction of 2 cents per lb. is made on all body type; on fonts of 1,000 lbs. or over, the reduction is 3 cents, pica excepted.

HOW TO ESTIMATE.

To ascertain the quantity of plain type required for a Newspaper, Magazine, or other work, find the number of square inches and divide the same by four (4); the quotient will be the approximate weight of matter. But as it is impossible to set the cases entirely clear, it is necessary to add 25 per cent. to large fonts, and 33 per cent. to small fonts, to allow for dead letter.

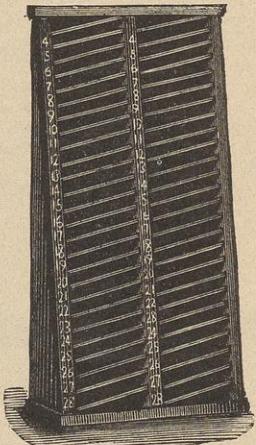
We furnish type from all the foundries at their prices.

We keep a stock of the latest styles.

TYPEFOUNDERS' SETTING STICKS.

$38 \times \frac{7}{8} \times \frac{9}{16}$ inches @ \$4 75 per hundred.

LEAD AND SLUG RACK.



One tier for leads and one for slugs.
No. 1—For 180 lbs., from 4 to 28 picas..... \$2 50

LEADS.

Six to Pica or thicker	per lb., \$0 15
Eight to Pica	" 25
Ten to Pica	" 50
Tin or Bending Leads	" 40

BRASS LEADS CUT TO MEASURE.

2 point	per lb.,	\$0	75
1½ " "	"		85
1 " "	"		95

PRICE LIST OF BRILLIANT BLACK AND COLORED INKS.

		PER POUND.	REDS.	PER POUND.	GOLD SIZE.	
NEWS INK—fast Cylinder Presses		.12 to .16	Poster Reds,	.50 .75 1.00	FOR PRINTING WITH BRONZE POWDER.	
" —Power Press, (according to size of pkg.)		.12 to .18	Orange Mineral,	.30	PER POUND.	
" —Hand Press, (according to size of pkg.)		.20 to .25			Orange, 1.00 1.50 2.00	
EXTRA NEWS INK—Hand or Power Press.		.20 .25 .30			Brown, 1.00 1.50 2.00	
BOOK & C. 6.	.30 .40 .50	.15 1.00			White, 1.00 1.50	
BOOK AND CUT—Soft or Heavy	.50	.75 1.00				
EXTRA FINE CUT.	.50	.75 1.00				
JOB INK—for Drv. and Calandered Paper (will not set off)	.50	.75 1.00 1.50 2.00				
JOB INK—Extra Quick Drier,	.50	1.00 1.50 2.00				
WOOD-CUT or CARD,	.50	1.00 2.00 3.00 5.00				
		BLUES.	GREENS.		TINTS.	
Bronze Blue,		2.00 2.50	Dark French Green,	1.00 1.50 2.00	All Shades, .75 1.00 1.50	
Dark Blue,	.50	.75 1.00 1.50 2.00	Medium French Green,	1.00 1.50 2.00		
Light Blue,	.50	.75 1.00 1.50 2.00	Fine French Green,	1.00 1.50 2.00		
Light and Deep Poster Blue,		.50 .75	Fine Lake Green,	1.00		
French Ultramarine,	.75	1.00 1.50 2.00 3.00	Poster Greens—Light and Deep,	.50 .75		
Poster Ultramarine,		.40 .50 .75	Violet,	5.00 10.00 15.00		
R. R. Red,		1.25	Royal Purple—Light and Dark,	5.00 10.00 15.00		
		REDS.	PURPLES.		VARNISHES.	
Super French Carmine,		15.00 22.00			Printers' Transparent, per lb., .30 .40 .50	
Imperial Carmine,			Poster White,	.75 .80 .40 .50	Poster Varnish, per gal., 2.00 2.50 3.00	
Fine Lake,		3.00 5.00 10.00			Gloss Varnish, per lb., 1.00	
Brilliant Rose Lake,		3.00 5.00	Super Brilliant Yellow—Lemon,	1.00 1.50 2.00	Extra Quick Drier, per lb., .50 .75	
" Reds, 1.00 1.50 2.00		8.00 5.00 10.00	" Medium,	1.00 1.50 2.00	Ordinary Drier, per gal., 2.50 3.00	
" Rose Scarlet,		2.00	" Orange,	1.00 1.50 2.00		
" Imperial Red,		3.00	" D. Orange,	1.00 1.50 2.00		
" Vermillons,	1.00	2.00 3.00 5.00	Poster Yellows, L. M. O.,	.50 .75		
R. R. Red,		1.25				
		BLUES.	YELLOWS.		TRANSFER COPYING INKS.	
Superfine precipitated,			Super Brilliant Yellow—Lemon,	1.00 1.50 2.00	Put up in 1-4, 1-2 and 1 lb. Jars.	
Poster White,			" Medium,	1.00 1.50 2.00	For Copying in Letter Books.	
		REDS.	BROWNS.		Fine Black,	5.00
Super French Carmine,		15.00 22.00	Brown—Light and Deep,	.75 1.00 1.50 2.00	" Lake,	5.00
Imperial Carmine,			Chocolate Brown—Light and Deep,	1.00 1.50	" Red,	5.00
Fine Lake,		3.00 5.00 10.00	Poster Browns—Light and Deep,	.40 .50 .75	" Blue,	5.00
Brilliant Rose Lake,		3.00 5.00			" Green,	6.00
" Reds, 1.00 1.50 2.00		8.00 5.00 10.00			" Purple,	6.00
" Rose Scarlet,		2.00			" Violet,	6.00
" Imperial Red,		3.00			French Carmine,	12.00
" Vermillons,	1.00	2.00 3.00 5.00				
R. R. Red,		1.25				
		BLUES.	WHITES.			
Super French Carmine,		15.00 22.00	Superfine precipitated,	.75 1.00 1.50		
Imperial Carmine,			Poster White,	.80 .40 .50		
Fine Lake,		3.00 5.00 10.00				
Brilliant Rose Lake,		3.00 5.00				
" Reds, 1.00 1.50 2.00		8.00 5.00 10.00				
" Rose Scarlet,		2.00				
" Imperial Red,		3.00				
" Vermillons,	1.00	2.00 3.00 5.00				
R. R. Red,		1.25				
		REDS.	BROWNS.			
Super French Carmine,		15.00 22.00	Brown—Light and Deep,	.75 1.00 1.50 2.00		
Imperial Carmine,			Chocolate Brown—Light and Deep,	1.00 1.50		
Fine Lake,		3.00 5.00 10.00	Poster Browns—Light and Deep,	.40 .50 .75		
Brilliant Rose Lake,		3.00 5.00				
" Reds, 1.00 1.50 2.00		8.00 5.00 10.00				
" Rose Scarlet,		2.00				
" Imperial Red,		3.00				
" Vermillons,	1.00	2.00 3.00 5.00				
R. R. Red,		1.25				

SUPERIOR BRONZE POWDERS, all colors, \$1.25 to \$10.00 per lb. 25c. to \$1.00 per oz. Silver, Gold, Copper, etc., etc.

KELGUM TAPE.

This is a tape for printing presses, folding machines, perfecting machines, or for any machines of high speed and light running. It is *thoroughly water-proof*, and through this quality it will neither shrink nor stretch. This causes it to wear a long time and hence it is so economical that its first extra cost over plain tape is not worthy of consideration. For *folding machines* especially, the Kelgum Tape is well adapted, as the *loss of tension* caused by the stretching of the tapes is thoroughly obviated.

It has received the highest testimonials as to its excellence from many printers and publishers.

PRICES.

inch wide.	per roll, \$0 75
"	1.00
"	1.25
"	1.50
"	1.75
1 1/8 "	2.00

36 yards in each roll.

BLANKETS FOR CYLINDER PRESSES.

FELT.

Size Bed.	Size Blanket.	Thick.	Thin.
17×21	20×19 each	\$2 75	\$1 75
20×25	24×23 "	3 25	2 00
21×27	25×25 "	3 50	2 25
24×30	28×28 "	4 00	2 75
25×35	29×33 "	5 50	3 75
29×42	34×40 "	6 25	5 00
32×46	38×44 "	8 75	6 50
33×50	38×47 "	9 75	7 50
36×52	42×49 "	11 25	9 25
40×54	46×53 "	12 25	10 00

FELT FOR HAND PRESSES.

For 6 column Newspaper	\$3 00
" 7 "	3 75

FELT FOR PROOF PRESSES.	
10 inches wide	\$1 50
12 "	1 75
16 "	2 25

OIL CANS.

Tin	at 15, 20, and 25 cts.
Brass	at 25 and 35 "

PAGE CORD.

Small Ball	06 cts.
Medium Ball	12 "
Large Ball	30 "

LINEN TAPE.

2/8 inch, per roll of 36 yards	\$0 65
1/2 " "	75
5/8 " "	1 00
3/4 " "	1 25
1 " "	1 50
1 1/8 " "	1 60
Thread for sewing tape, per spool	25

INK SLABS.

Size.	Size.	Size.	Slate.
10×15 inches			\$0 60
12×12 "			60
12×15 "			75
12×18 "			90
16×18 "			1 20
20×24 "			2 00

RUBBER.

Size Bed.	Size Blanket.	Regular Thickness.
17×21	19×20 each	\$3 00
20×25	23×24 "	4 25
21×27	25×25 "	4 75
24×30	28×28 "	5 75
25×35	29×33 "	6 50
29×42	34×40 "	8 75
32×46	38×44 "	10 50
33×50	38×47 "	11 25
36×52	42×49 "	13 25
40×54	46×53 "	15 00

NEWSPAPER FILES.

THE CHALLENGE.

Sizes 15, 18, 21, 24, 27, 30, 33, 36 in....each, 50 cts.

THE WALNUT, WITH SCREW FASTENING.

Sizes 12, 15, 18, 21, 24, 27, 30, 33, 36 in., each, 50 cts.

WOOD RULE.

New series on the point system. 12 cents per yard on side wood. Other lengths to order.
15 cents per foot on end wood.

No. 1.	10 Point.	No. 15.	14 Point.
No. 2.	12 Point.	No. 8.	14 Point.
No. 3.	16 Point.	No. 16.	16 Point.
No. 4.	12 Point.	No. 19.	24 Point.
No. 6.	18 Point.	No. 20.	26 Point.
No. 10.	22 Point.	No. 21.	28 Point.
No. 31.	18 Point.	No. 22.	26 Point.
No. 32.	20 Point.	No. 23.	28 Point.
No. 33.	24 Point.	No. 24.	34 Point.
No. 34.	24 Point.	No. 14a.	48 Point.
No. 35.	28 Point.	No. 27a.	8 Point.
No. 36.	30 Point.	No. 28.	10 Point.
No. 37.	32 Point.	No. 29.	12 Point.
No. 38.	34 Point.	No. 30.	18 Point.
No. 39.	38 Point.	No. 30a.	24 Point.
No. 26.	40 Point.	No. 41.	36 Point.

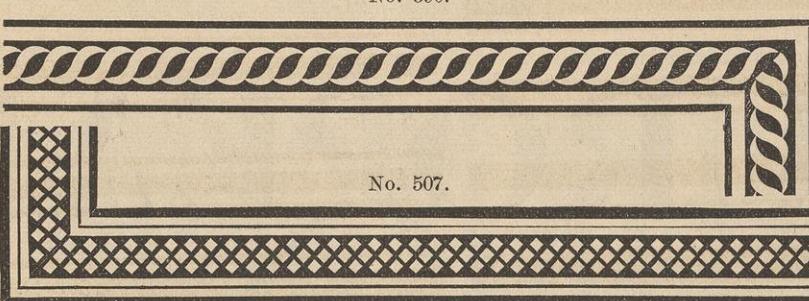
EUREKA BORDERS.

See Wood Type Specimen Book for full list and prices.

No. 375.



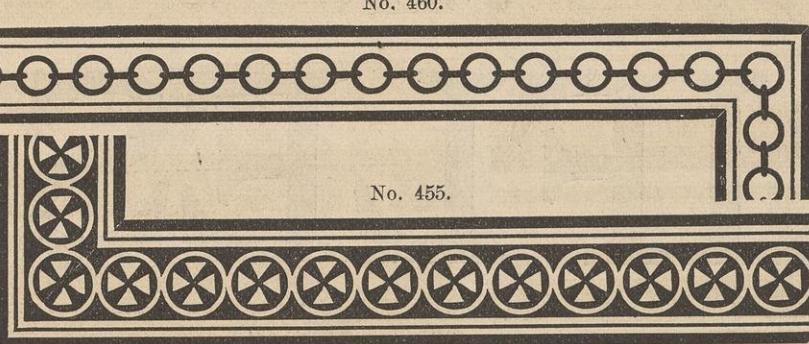
No. 480.



No. 507.



No. 380.



No. 460.

No. 455.

WOOD TYPE.

No. 125—4 Line Old Style Italic.

Class P.

Members of the

No. 125—4 Line Old Style Italic.

Class P.

HOME CLUB

No. 118—4 Line Old Style.

Class O.

EUROPEAN

No. 115—5 Line Old Style Condensed.

Class N.

PRINTERS 8

No. 110—6 Line Old Style Extra Condensed.

Class N.

Old Styles 1792

No. 308—6 Line Old Style Antique.

Class O.

RIFLES 1

For a full exhibit of our Wood Type, Borders, Rules, Corners, and Ornaments, see special Specimen Book of Wood Type, which will be sent to printers upon application.

WOOD TYPE.—CONTINUED.

No. 676—4 Line Artistic.

Class P.

COMPLIMENTED

No. 676—5 Line Artistic.

Class P.

Morning News

No. 216—8 Line Gothic Double Extra Condensed.

Class L.

STRONG SLAT Case

No. 258—8 Line Ephesian.

Class O.

Witches!

No. 692—10 Line German Extra Condensed.

Class O.

Buchdruckerei 187

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esses, Job
esses, Proof
essman's Knife
ess Points
ice of Body Type
nters' Books
nters' Circular Saw
nters' Engraving Tools
nting Ink
of Brush
of Paper
of Planers
of Presses

ins, Mechanical
ins, Wooden
station Metal Furniture

ks for Cases
ks for Drying
kets for Patent Blocks
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er Bearers
er Brackets
er Cloth for covering
er Composition
er Frames
er Supporters
er Cases
er Stands
ing Machine Cutters
ing Machines
er Blankets
Cutters
Mitering Machine
Shaper
, Brass
, Wood

Benzine Cans
or Electrotypers

Circular
Drivers
Wrenches
ick's Paper Jagger
z Sticks for Type
Board and Plane
Plane
ng Sticks
nd Foot Sticks, Inc
r Bronzes
or Ink
or Stands
and Glass for Engraving
ng Galleys
for Cases
ype Blocks
ype Block Ratchets
yper's Drill
or Paper Cutters
ters for Rollers

Press
r Presses
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