

The

R. H. Clowes & Co., State Agt.
715 East Main Street.

RICHMOND, VA.

Columbia

BAR=LOCK

The Modern

Writing Machine

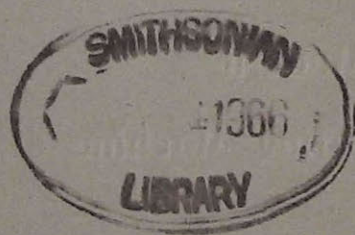
THE.....

COLUMBIA
TYPEWRITER
MFG. CO.



116th Street, Lenox and Fifth Avenues

NEW YORK, U. S. A.



Manufacturers of

WRITING MACHINES

NEW YORK, January 1, 1896.

With the advent of the year 1896 the manufacturers of the **Columbia Bar-Lock Typewriter** take pleasure in placing this machine before the public, and they point to its developments and improvements as illustrations of the progress made in writing machines. While retaining its main characteristics, its inventor, Mr. Charles Spiro, of New York, has developed and improved its automatic and facilitating devices very materially.

The "Bar-Lock," to maintain alignment, the automatic ribbon reverse, the automatic platen reverse, automatic line spacing, left-hand margin release, automatic margin recovery, automatic keyboard lock and release from the keyboard, instantly removable platen, instantly removable ribbon and spools, rapid envelope feeding, accurate paper feed, color printing and many other devices peculiar to this machine,—have all been developed and enhanced.

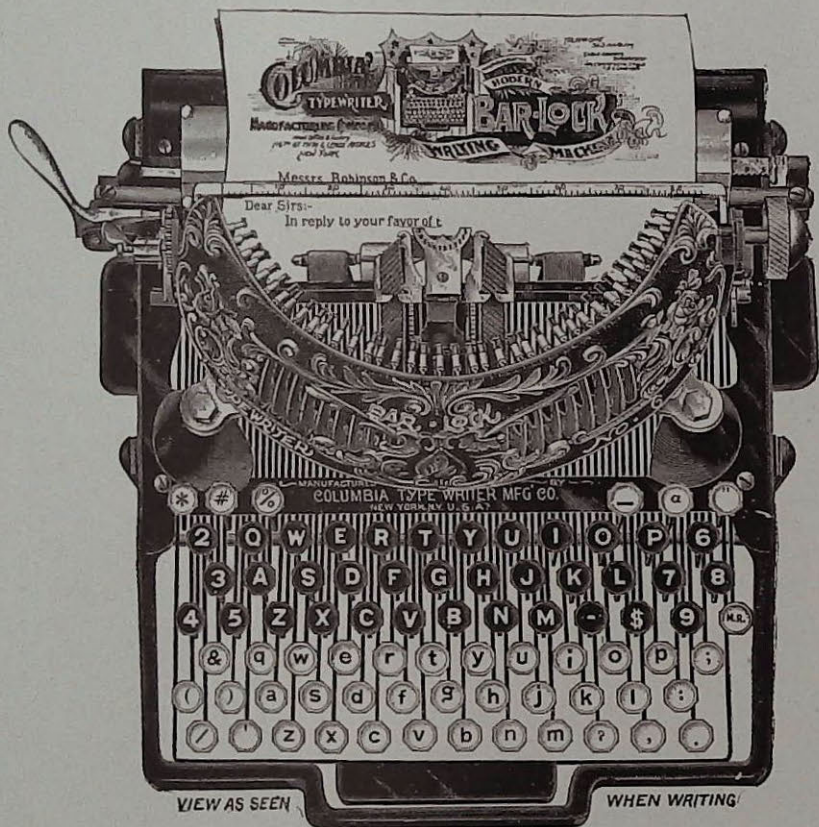
The visible writing feature, of which the Bar-Lock Typewriter was the pioneer, has taken root and has compelled some approximation thereto in all writing machines of the present day. In the "**Columbia Bar-Lock**" it has been developed to its greatest effectiveness, while the durability of the machine has been advanced to a point not heretofore attained. This is secured by its new broad typebar bearings, made of hardened steel and working in the strongest hanger ever produced. These bearings are scientifically and mechanically correct, being at right angles to the lines of action of the typebars, no attempt having been made to cater to appearances by an angular setting of the bearings to secure greater width, at a sacrifice of the proper support of the type in the act of imprinting.

The escapement in this machine has also been greatly improved by the provision of double toothed dogs and simplified construction.

The accounting attachment for rapid billing, invoicing, etc., has been re-designed to secure two forms for each bar, as against the single form heretofore used. This attachment is found only upon the Bar-Lock Typewriter, and has secured the instant recognition of all operators. It reduces the time of billing, invoicing, etc., to at least one-half that usually required on other machines. In the new "**Columbia Bar-Lock**" the accounting bar is placed in such a position that the operator can instantly attach it to, and detach it from the machine, thus increasing its efficiency very materially where many forms are used.

The material in this machine is the best obtainable and the workmanship and finish are of the highest grade.

The **Columbia Bar-Lock Typewriter** is made in two sizes—the regular, taking paper 8½ inches wide and printing 82 letters to a line, and the wide carriage, taking paper 16 inches wide and printing 155 letters to a line.



THE No. 6 BAR-LOCK TYPEWRITER

14½ inches long; 13 inches wide; 8 inches high.

This machine will print on any paper, from a postal card or envelope to a sheet of paper 8½ inches, or 82 letters wide.

Price, - - \$100.00

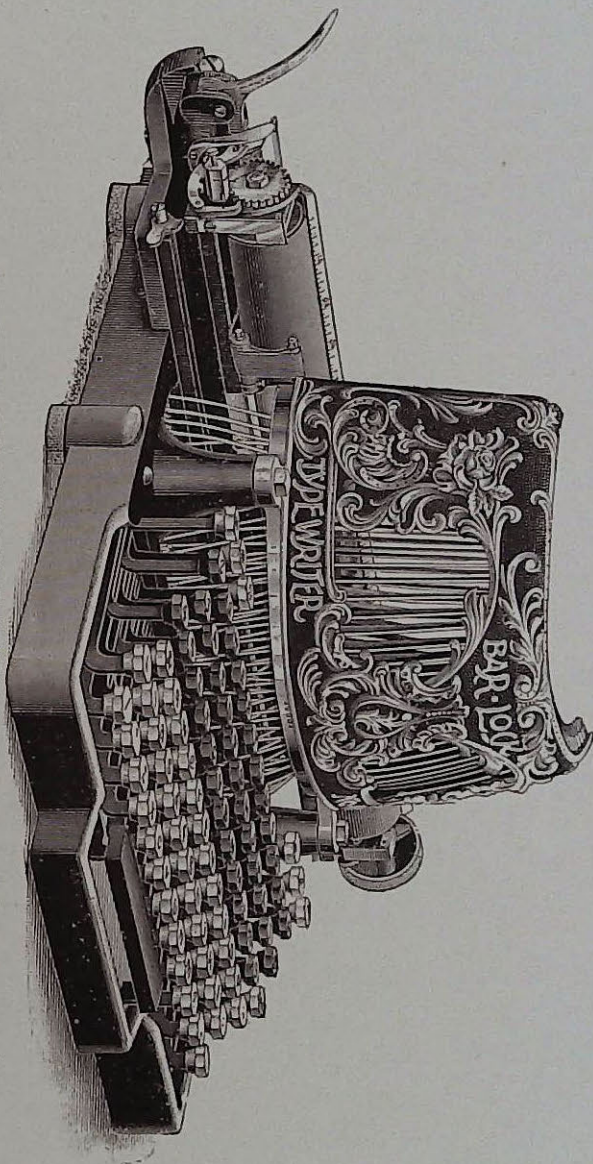
This price includes a baseboard, office case and sundries.

Upon order, any special arrangement of the key-board desired in a Bar-Lock Typewriter, or special characters, such as the following, etc., will be furnished, without extra charge:

3 3 0 ° r. ! + × = — φ † P [] §) (¶ *
 Å Æ æ Ä Ö Ü ä ö ü " ^ ` ' á à è é ê ç ñ ~ ü

M Bx. Ya. Oz. Dz. N° C°

AND ALL FRACTIONS.



THE No. 7 BAR-LOCK TYPEWRITER.—A Universal Writing Machine.

The Bar-Lock Typewriter No. 7 is, in all respects, the same as the Bar-Lock No. 6, possessing the same improvements and advantages, and differing only from that machine in size.

The Bar-Lock Typewriter No. 7 is capable of writing on any paper, from a postal card or envelope, to a sheet of paper 16 inches wide, and will write a line longer than any other machine extant, viz.: 155 letters in PICA; LARGE, SMALL, or COMPENSATED LARGE ROMAN type, and 187 letters in ELITE type.

Notwithstanding this unprecedented capacity, its action is just as easy and silent, the depression of the keys just as short and light and its speed just as great, as that of the smaller machines.

It is a "UNIVERSAL TYPEWRITER," capable of satisfying any need in any line of business.

Price, Machine with baseboard, office case and sundries, \$110.00

The COLUMBIA BAR-LOCK is superior to all other Writing Machines in

SPEED,
EASE OF OPERATION AND CONTROL,
THE NUMBER OF ITS AUTOMATIC
MOVEMENTS, AND
DURABILITY.

This Machine has Greater Speed for the Following Reasons :

Speed. ITS WRITING is wholly visible from the first to the last letter written, without raising the carriage, rocking the platen or shifting the ribbon.

THE TYPE-BARS print on the top of the platen and, together with the ornamental front, are below the line of vision; and the lines already written are held on a horizontal plane before the operator's eyes, thus keeping all of the writing constantly in view.

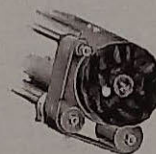
THE TYPE-BARS have a greater clearance, thus avoiding waste of time through collisions in very fast operation.

THE KEY-BOARD action is very light, made so by the responsiveness of the type-bars, carriage and escapement; and from the fact that the key-board is arranged in two sections, one being a counterpart of the other, and represent respectively the upper and lower case letters. The machine prints 78 characters.

IN RETURNING THE CARRIAGE for a new line of writing, it automatically spaces one, two or three lines as may have been set for.

A NEW RIBBON ON SPOOLS can be instantly attached to the machine, and the operator need give no care to it from the time it is put in the machine until it is worn out, inasmuch as the machine automatically reverses the ribbon feed when each end is reached. This feature not only saves time and attention but avoids spoiled work through inattention in manually reversing the ribbon feed.

Paper Feed.



ITS PAPER FEED controls the paper with absolute precision. Single or manifold sheets of even, or uneven, thickness are so accurately fed that any line or letter may be returned to at any stage of the writing, and written over without a blur of any kind. This feature saves considerable time in locating interlineations, corrections, etc.

ITS PAPER FEED admits envelopes, telegraph blanks, postal and other cards, etc., into the carriage, by the act of turning the platen backward, thus saving the time commonly required in feeding around the platen and locating the envelope, telegram, etc.

THE WRITING of a letter may be interrupted at any stage to admit the insertion of an envelope, telegram or postal card, without interfering with the letter being written, which is permitted to remain. When the second writing is completed, the first may be continued as if no interruption had taken place. This feature saves the time usually required to either remove the platen from the machine, or in withdrawing the first sheet to admit the second, and thereafter re-adjusting the first in the machine.

THE PLATEN is instantly detachable, and a hard or soft platen can be substituted for manifolding or special purposes.

THE MARGINAL, BELL AND KEY-BOARD LOCK ADJUSTMENTS are instantly made.

ITS KEY-BOARD LOCK may be unlocked by a tap on a key on the board and as many letters, or words, written thereafter as may be desired, without alteration of the adjustment.

THE WRITING ON RULED LINES in printed forms, etc., can be easily done without the loss of time usually suffered.

WRITING IN DIFFERENT COLORS can be instantly done without change of ribbon or any re-adjustment of the machine. This feature saves much time in illuminating abstracts of title, title deeds, etc.

ERASURES AND CORRECTIONS can be instantly made without raising carriage, platen, etc.

AN INDICATOR in the machine permits the instant location of any letter, line or space, in the writing, for corrections, interlineations, tabulating, etc.

THE LINE SPACING AND RELEASING LEVERS are placed on the left of the carriage, to be operated by the left hand, thus leaving the principal work of operating to the right, or most dexterous hand.

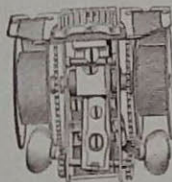
This Machine is the Easiest to Operate and Control for the Following Reasons:

Ease of Operation and Control.

ITS FEATURE OF VISIBLE WRITING avoids the necessity of raising the carriage, rocking the platen or shifting the ribbon to see what has been written.

THE KEY LEVERS, TYPE-BARS AND CARRIAGE are responsive to the lightest touch.

Automatic Ribbon Feed.



THE RIBBON MOVEMENT is automatic and requires no attention of the operator from the time the ribbon spools are attached to the machine until the ribbon is exhausted, and then a new ribbon can be instantly substituted. The ribbons are supplied, wound upon spools ready for adjustment into the machine.

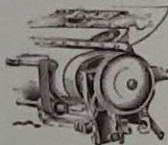
THE CAPITAL LETTERS are written like small letters, by the depression of a single key, without the need of depressing an auxiliary key.

Automatic Margin Stop.



THE KEY-BOARD LOCK of the machine is unlocked by a tap on the M. R. key from the key-board, and any number of letters or words may be thereafter written without alteration of the adjustment. When it is desired to write a marginal note in the left-hand margin, to insert the initials Q, A., names of witnesses, "of counsel," etc., the M. R. key is depressed simultaneously with the return of the carriage, and thereafter the margin stop automatically re-sets at the point of the original adjustment.

Envelope Feed.



WHEN specially ordered, the machine is fitted with a paragraph stop, which automatically stops the carriage ten spaces to the right of the regular margin set for, by depressing the M. R. key while returning the carriage for a new line. This adjustment is supplied without extra charge.

THE PLATEN is provided with a rotating knob and can be turned forward or backward, and the insertion of paper, manifolding sheets, cards, envelopes, etc., can be more easily done than upon other machines.

THE INDICATOR is in the most convenient position for readily determining where corrections, interlineations, etc., are to be made. In tabulated work the carriage scale serves to locate the lines of figures originally, but thereafter the columns may be rapidly and accurately printed by reference to the indicator alone.

THE CARRIAGE can be instantly set to write accurately on ruled lines in insurance and other documents, inserting dates, etc. It is also of importance in writing fractions in proper form, thus:

$$\frac{2}{5}, \frac{3}{10}, \text{ or } \frac{1}{3}, \frac{4}{5}, \text{ etc.}$$

THE CARRIAGE CONTROLLING LEVERS are placed on the left end of the carriage in the most convenient position for the operator.

THE TYPE-BARS stand upright with the type therein exposed, so that they may be readily cleaned with an ordinary brush and this can be done in a few seconds without straining the bars or disarranging any part of the machine.

ITS ALIGNMENT is permanent, the letter spacing is accurate, and any letter or word can be returned to and written over without the slightest blur.

THE ONLY PART OF THE MACHINE that requires oiling is the main rod, on which the carriage runs, and this should be done once a day.

THE PLATENS are instantly interchangeable to accommodate the kind of work in hand.

Packing Features.



THE ADJUSTMENTS OF THE MACHINE are few and simple and not subject to derangement. The machine is complete in itself and the operator has at his disposal, by the aid of devices therein, the same ready and secure means the manufacturer has for its safe transportation.

This Machine Excels in the Number of its Automatic Movements for the Following Reasons:

ITS VISIBLE WRITING FEATURE is practically automatic in displaying the writing at all times without any effort on the part of the operator, and without the need of special mechanism.

ITS BAR-LOCK automatically locks the type-bars at the time of imprinting each character, insuring alignment.

ITS RIBBON FEED is entirely automatic, requiring no attention whatever.

THE DOUBLE KEY-BOARD is practically an automatic shift for capitals.

ITS MARGIN STOP is automatic in the recovery of its original setting, after a marginal note has been written.

ITS PARAGRAPHING MARGIN STOP is automatic in commencing a line ten spaces away from the margin originally set for.

ITS LINE SPACING is automatic when the carriage is returned for a new line.

ITS PLATEN ROTATING PAWL automatically goes out of mesh with the ratchet, to allow of reversing the rotation of the platen.

IT LOCKS THE KEY-BOARD automatically at any point set for.

IT AUTOMATICALLY UNLOCKS THE KEY-BOARD by a tap on a key on the key-board.

THE RIBBON SPOOLS automatically latch in place on their shafts.

ITS RATCHET DETENT automatically meshes after disengagement for writing upon ruled lines.

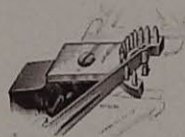
THIS MACHINE is also fitted with an automatic accounting device for invoicing, tabulating accounts, indexing, etc., which is more particularly described on another page.

This Machine is Superior as to Durability for the Following Reasons:

IT IS MADE OF METAL THROUGHOUT, except the key buttons, platen and ribbon. The metal is the highest grade obtainable.

IT HAS NO EXPOSED SPRINGS OR WEAK PARTS. Its visible writing feature takes away the necessity of lifting the carriage, rocking the platen or shifting the ribbon to view the work, and therefore needs no mechanism to secure such means or to take care of.

Alignment.



ITS ALIGNMENT is permanent, maintained so by the "Bar-Lock," which consists of a semi-circle of anti-friction studs, between two of which each type-bar is locked rigidly in the act of imprinting its character.

THE HANGERS in which the type bars are pivoted have the widest *direct* bearings ever produced, and are also provided with an adjustment for taking up wear. A still greater width could be secured by setting the pivot shafts at an angle to the type-bars, which in all such machines are necessarily disposed in radial lines from the printing point, but such a construction unduly strains the pivot nearest the type-bar. If the other pivot of the shaft were even a yard away, thus creating an appearance of enormous width of the bearing, it would not benefit the pivot on which the whole strain falls, and which determines the durability of the alignment in a machine so constructed.

IN THE NEW "COLUMBIA BAR-LOCK" the bearings are not only wide, but are at right angles to the radial lines, and both pivots equally support the type-bar without torsion, twisting or bending of the type-bar.

THE TYPE-BARS are the widest and strongest to resist the strain in the act of imprinting, and are resilient laterally, so that when two or more keys are struck simultaneously by accident, no injury results, because the bars yield aside temporarily and resume their normal condition as soon as the fingers are taken off the keys.

THE RIBBON FEED is not subject to disarrangement by the operator in manually reversing, etc., because it is entirely automatic and requires no care on the part of the operator.

THE RIBBON is twice the usual length, and when one edge has been exhausted, the spools can be shifted over and the other one utilized.

IT HAS NO SHIFTING CARRIAGE and the consequent mechanism to take care of.

ITS ESCAPEMENT is provided with solid steel abutments to take the thrust of the carriage; and the dogs are double toothed, and thus yield double the length of service usually received.

THE HANGERS are not only the largest, but also the stiffest and strongest ever produced; while the "Bar-Lock" insures permanent alignment.

FRICTION has been reduced to a minimum, and the bearings and wearing parts throughout the machine are of hardened steel, provided with adjustments to take up wear after long service.



New Automatic Accounting Device for Invoicing, Tabulating Accounts, Indexing, Etc.

Invented by Mr. Charles Spiro, at the request of the N. Y. C. & H. R. R. Co., for writing forms similar to the following:

		<i>Amount brought forward</i>										
•	Ithica	23	New York	A	123	7	1			2.75	.50	2.25
•	Poughkeepsie	417	Albany	D	47	8	1			1.	.40	.60
•	Rome	32	Buffalo	H	227	2	1			.25	.11	.14
•	Syracuse	54	Chicago	V	342	4			1	7.	.80	6.20
•	Buffalo	120	New York	R	67	5	1			.50	.09	.41
•	Troy	97	Ithica	R	2	9	1			1.	.06	.94

In writing forms such as shown on this page, or invoices, bills, etc., on all machines, the operator is required constantly to refer to the scale and operate the carriage by means of the release lever and space bar, thus losing much time and at the risk of many errors in tabulation. With this attachment any number and width of columns can be set for in an instant, and the operator is required merely to tap the M. R. key on the board when he is finished writing in one column; the carriage then instantly jumps to the next column, and this operation is repeated for as many columns as there may be in the form, invoice, bill, etc.

Its accuracy is absolute without any attention on the part of the operator, and its economy of time and effort over the old methods is beyond any comparison.

This attachment does not interfere with the use of the machine for regular work. Each accounting bar is capable of taking two forms or settings, and these bars are instantly attachable to, and detachable from, the machine, so that as many forms as may be desired can be supplied at any time.

The Accounting attachment will be fitted to the No. 6 for \$5.00 and to the No. 7 "Bar-Lock" for \$6.00 in addition to the usual list prices.

SPECIMEN OF INVOICE WRITTEN WITH THE "BAR-LOCK."

2 No. 6 Bar-Lock Typewriters, pica type	@ \$100.00	200.00
2 Accounting Attachments.	@ 5.00	10.00
2 8 Drawer Oak Cabinets.	@ 30.00	60.00
10 Reams of No. 7 paper, 8 by 13.	@ 1.55	15.50
		<u>\$285.50</u>

PICA.

This is a specimen of our Pica type: is a general favorite. Writes 85 characters to the line.

\$ 1 2 3 4 5 6 7 8 9 .

Small Roman.

This is a specimen of Small Roman: is a very plain and distinct type. Writes 85 characters to the line.

- 1 2 3 4 5 6 7 8 9 0

PICA ITALIC

This is a specimen

of our Pica Italic Type, writes 85 Characters to the Line.

This is a specimen of our Elite Type.

Is well adapted to private correspondence or where condensation is of value. Writes 110 characters to the line.

- 1 2 3 4 5 6 7 8 9 0 -

GOTHIC.

LARGE AND SMALL CAPITALS.

A TYPE PREFERRED BY MANY OWING TO ITS CLEARNESS AND LEGIBILITY. - 1 2 3 4 5 6 7 8 9 0 -

Condensed Large Roman.

An exceedingly pretty type, clear cut and distinct; well adapted for business correspondence and commercial use generally. 1 2 3 4 5 6 7 8 9 0 -

Large Roman.

This type is very clear and distinct, and is an especial favorite with Clergymen. Is also used extensively by Telegraph Operators.

- 1 2 3 4 5 6 7 8 9 0 -

ITALIC.

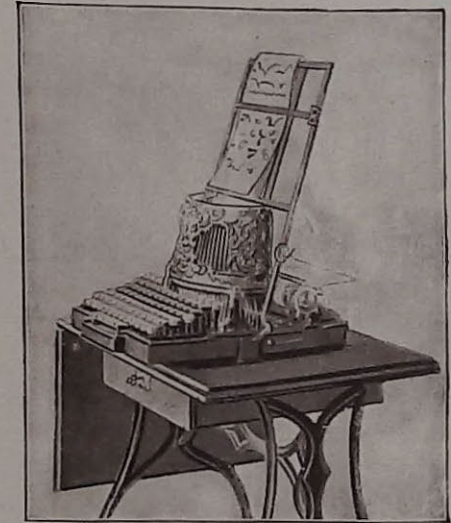
This is a specimen of our Italic Type, writes 72 characters to the line; preferred by many of our patrons owing to its resemblance to penmanship.

- 1 2 3 4 5 6 7 8 9 0 \$ -

THE SPIRO COPYHOLDER.

THIS Copyholder is a new Departure, securing advantages and conveniences not found in any other holder.

It is a framework of nickel-plated metal adapted to clasp on the sides of the machine and rests at the proper angle to the line of vision, immediately in front of the operator, without in any way obstructing a full view of the writing. It is fitted with a shelf for loose sheets and also with a rubber-band clasp which will bind down spent sheets of paper or leaves of a shorthand note-book, etc.



It is also provided with an automatic leveling indicator, constructed to automatically and accurately jump from line to line, upon the depression of a metal key. It may be regulated to indicate for any width of lines by a graduated stop plate on the right side of the frame, which setting is done instantly, and accuracy in the registration of lines is thus assured. It is immediately attachable to and detachable from the machine; is light and ornamental, and while no other copyholder compares with it in utility, range of work for which it is adapted and effectiveness, it costs no more than the others.

Price,	=	=	\$2.00 each (Notebook size).
Price,	=	=	2.50 each (Legal size).

Ink Ribbons and Carbon Paper.

This Company manufactures its own ink ribbons and carbon paper in any color, and these supplies are of the highest grade. These ink ribbons will not clog the type, but will yield sharp outlines and give clear and distinct letterpress copies.

Copying, record, lithograph and hektograph ribbons, any color, wound upon one spool ready for attachment to the machine. Each... .. \$1.00
Per dozen..... 9.00

Carbon Papers.

8 x 10, per dozen, 50 cts.	Per hundred, \$3.00
8 x 12, " 50 cts.	" 3.00
8 x 13, " 60 cts.	" 3.50

Solid Leather Travelling Case lined with plush, and arranged to hold the No. 6 machine, the type brush and oil bottle. Fitted with lock buckle strap. Price, \$12.00.



Bar-Lock Typewriter Machine Stand.

Japanned iron frame. Walnut or oak top with drop leaf. Price, \$5.00.

Bar-Lock Cabinet No. 1.

Quartered Oak, Cherry, or Walnut.

These cabinets are a new and convenient design, leaving the entire top or writing desk section uninterfered with, whether the typewriter is in use or not. The machine is elevated from the drawer section to the proper height and stands firmly in convenient position for operating.

When the machine is lowered within the drawer section, the cabinet presents the appearance of an ordinary desk.



Four-drawer Cabinet.....	Price, \$25.00
Eight " ".....	" 30.00
Roll-top Eight-drawer Cabinet, 54 inches long.....	" 45.00

Bar-Lock Cabinet No. 2.

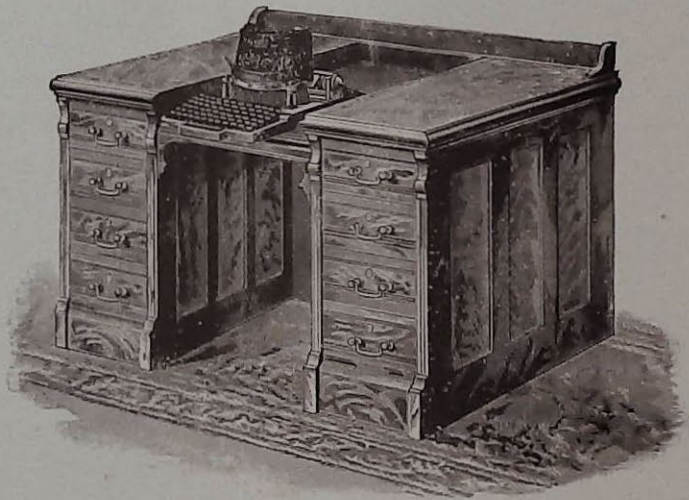
Quartered Oak, Cherry, or Walnut.



Cabinet in Position as an Ordinary Writing Desk.
Four Drawers. Extension Slide above Drawers. Price, \$25.00.

Bar-Lock Cabinet No. 3.

Quartered Oak, Cherry, or Walnut.



Cabinet with Typewriter in Position for Operating.

Eight Drawers. Extension Slides above Drawers on each side.
Price, \$30.00.

Bar-Lock Cabinet No. 4.

Quartered Oak, Cherry, or Walnut.



Eight Drawers. Roll-top, Extension Slides on each.
Price, \$50.00.

THE "BAR-LOCK" FINE LINEN WRITING PAPER.

THIS paper is manufactured expressly for Typewriter use, and is of the highest grade.

All our writing papers are packed in boxes holding one ream (500 sheets); these boxes are made of strong cardboard with a hinged lid and drop front, and are very convenient in use. Each sheet bears our watermark, "Bar-Lock Pure Linen," or "Bar-Lock Fine Linen," according to the quality.

NO.	WATERMARK	SIZE	STYLE	PRICE PER REAM
1	Linen	8 x 10½	Laid	\$ 50
2	Fine Linen	"	Laid or Wove	80
3	"	"	"	95
4	"	"	"	1 35
5	"	"	"	1 20
6	"	"	"	1 35
7	"	"	"	1 65
8	"	"	"	
9	"	"	"	
10	Pure Linen	"	"	1 35
11	"	"	"	1 70
12	"	"	"	2 15
13	"	"	"	2 50
14	"	"	"	2 90
1	Linen	8 x 13	Laid	\$ 60
2	Fine Linen	"	Laid or Wove	95
3	"	"	"	1 20
4	"	"	"	1 50
5	"	"	"	1 50
6	"	"	"	1 50
7	"	"	"	1 55
8	"	"	"	2 00
9	"	"	"	1 30
10	Pure Linen	"	"	1 70
11	"	"	"	2 15
12	"	"	"	2 50
13	"	"	"	3 00
14	"	"	"	3 50

Ten cents per ream extra if ruled with marginal lines. Order by numbers and state size, wove or laid. Special quotations given for large quantities, both plain or printed, by letter-press or lithographic process.

Colored Manuscript Covers, 8½x15, 50 cents per 100.

Send for our Sample Book of Paper and Price List of Mimeograph and other Supplies.

The Columbia
Bar-Lock
Typewriter



Is used in all the Government and the Largest
Railroad, Telegraph, Corporation and Business
Offices; and in Colleges, by Stenographers, and
Writers generally throughout the World~~~~~



A Book containing many Testimonials from Users of the Bar-Lock
Typewriter will be furnished upon application.



The Columbia Typewriter
Manufacturing Company,
New York, N. Y.

AGENCIES IN ALL PARTS OF THE WORLD.

