

July 1, 1891.

# BATES

## AUTOMATIC NUMBERING MACHINE

(Dial Setting Movement).

NUMBERS CONSECUTIVELY,  
DUPLICATES,  
AND REPEATS.

STEEL WHEELS,  
IRON FRAMES,  
FINELY FINISHED.

WEIGHT, 14 OUNCES.

LIGHT WORKING, NOISELESS.

EVERY WHEEL  
CHANGED  
AUTOMATICALLY.

ALL  
WEARING PARTS MADE  
OF STEEL.

HEIGHT, 5½ INCHES.

COMPACT, STRONG, DURABLE.



CUT HALF ACTUAL SIZE.

## BATES MANUFACTURING CO.,

MANUFACTURERS OF

*Bates Typographic Numbering Machine,*

*Bates Automatic Numbering Machine,*

*Bates Packing Case Numbering Machine,*

*Bates Yardage Numbering Machine,*

*Bates Shoe Lining Numbering Machine,*

*Bates Watch Case Numbering Machine,*

*Bates Consecutive Numbering Machine,*

*Bates Check and Bond Punching Machine,*

*Bates Style and Pattern Numbering Machine,*

*Bates Line Dating Machine, etc.*

NUMBERING MACHINES OF ALL KINDS MADE TO ORDER, CLEANED AND REPAIRED.

Office, EDISON BUILDING, BROAD STREET, NEW YORK.

THE BATES AUTOMATIC NUMBERING MACHINE was designed and constructed with special reference to the requirements of general office and factory use. It is capable of absolutely accurate work, combines the minimum of size and weight with the maximum of durability and simplicity of operation, and will be sold at a low price.

In offering this machine to the public, we are confident that it will realize all that we claim for it, asking only that it be given a careful examination, and that its merits may receive due consideration.

### *Construction and Weight.*

This machine—weighing scarcely 14 ounces—is built upon an entirely new principle, making it small and light to handle, thus insuring speed and ease of operation. It works with very slight friction, and therefore, without noise. The frames are SUBSTANTIAL IRON CASTINGS, highly polished and nickel-plated. Every wearing part is made of STEEL, including the figure-wheels, and all parts receive the finest finish and are INTERCHANGEABLE to the smallest screw. The Dies, Tools and Special Machinery employed in its construction have been built in the most approved and permanent manner, insuring absolute mechanical accuracy.

### *Entirely Automatic.*

Every figure disc changes AUTOMATICALLY in its consecutive order, from 1 to the full numerical capacity of the machine. This, cannot therefore, be classed with the so-styled "Automatic" Numbering Machines which are self-changing to 999 only, beyond which the operator must move the numbering discs around by hand, as it becomes necessary for them to change in the course of the advancement of the number. Machines so constructed are fatally defective, and obviously must be condemned as inadequate and most unreliable.

### *Simplicity of Operation.*

The changing from consecutive to duplicate and continuous numbering, is effected by the mere moving of the pointer in front of the dial. This is so easily understood, that the most unskilled and obtuse clerk or boy can operate the machine at once without training or experience. Thus, the uncertainty of depending upon the turning of thumb screws and the setting of stud pins, the old way of accomplishing similar results, and the practice necessary to become skillful in the proper manipulation of them is wholly avoided.

### *Incomparable Durability.*

The ratchets are not attached to the sides of the figure discs, but are SOLID IN EACH DISC, being milled upon their inner edges, and therefore present a wearing surface equal to the WIDTH OF THE WHEEL. This permits the retaining and the changing, or operating pawls to be made a similar width, thereby insuring incomparable durability.

### **Compact Spacing.**

This arrangement of the parts which are subjected to the greatest amount of wear, places the figures closely together. As a result the most desirable compact spacing is secured.

### **Improved Self-Inking Apparatus.**

One of the important improvements which this machine possesses, is its inking device. The figures receive ink automatically from a thick felt pad, which is held against them by spring pressure when at rest. These ink-pads are practically indestructible, and obviate the necessity of constantly renewing and sewing pieces of cloth to a plate, as was the old method. To re-ink the pad it is not necessary to remove it from the ink carriage, as formerly, which was often a source of much annoyance by smirching the hands with ink. The finger-piece located in the upper part of the inking attachment is pressed downward, when the inner frame of the carriage opens outwardly, thus completely exposing the pad for a fresh application of ink. By pressing upward upon this frame, it locks itself in its proper position.

### **Perfect Alignment of Figures.**

A gauge plate is fitted to each machine, and by placing the bevelled points of the mortise to a line, the most accurate alignment will be secured.

### **Serial Numbering.**

For numbering in series, letters, instead of figures, will be engraved upon the last wheel; these letters which precede the figures, will automatically change as the numerical limit of the machine is reached.

### **Styles of Figures.**

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.

### **Prices.**

Machines with four wheels, numbering from 1 to	9,999	. \$14.00
" " five " " " 1 "	99,999	. 16.00
" " six " " " 1 "	999,999	. <u>18.00</u>
" " seven " " " 1 "	9,999,999	. 20.00

These prices are for machines made with any of the styles of figures shown, and apply to either style of machine—Automatic or Lever Movement. Prices for letter wheels upon application.

Each machine is guaranteed in every particular; is carefully packed in a wooden box with a bottle of ink, and will be forwarded to any address in the United States upon receipt of price. Directions for operating accompany every machine.

*Automatic dial setting*

# BATES CONSECUTIVE NUMBERING MACHINE

(Lever Changing Movement.)

FOR NUMBERING  
CONSECUTIVELY,  
DUPLICATING,  
TRIPPLICATING,  
REPEATING, ETC.

WEIGHT, 14 OUNCES.

LIGHT WORKING,  
NOISELESS.



CUT HALF ACTUAL SIZE.

MOVEMENT  
OF LEVER  
ONLY  $\frac{5}{8}$  OF AN INCH.

HEIGHT,  $5\frac{1}{2}$  INCHES.

COMPACT,  
STRONG,  
DURABLE.

This machine is designed to meet the necessities of work requiring numbering which is irregular in its consecutive advancement; such as printing one, two, three or more impressions of the same number, and possibly but one impression of the succeeding number.

### *Lever Movement.*

The machine is not self-changing, but repeats or prints continuously the same number. The action necessary to place the succeeding number into printing position, is effected by pressing upon the lever at the back of the machine, and at each movement of the lever a unit is added to the preceding number.

The lever movement changes EVERY figure-disc in its consecutive order, up to the full numerical capacity of the machine.

### *Construction.*

This machine is very similar in detail of construction to our Automatic Numbering Machine, and is for the most part made with the same tools and machinery. The frames are substantial IRON CASTINGS, highly polished and nickel plated, the figure-discs are SOLID STEEL, all parts receive the finest finish, and are constructed upon the INTERCHANGEABLE plan.

For prices, styles of figures, etc., see preceding page.

### *Indelible and Copying Inks.*

Rapid drying inks are specially prepared for our machines. Indelible or Copying in Blue, Red and Black.