

(No Model.)

J. W. EGGLESTON.
PRINTER'S GAGE PIN.

No. 458,562.

Patented Sept. 1, 1891.

Fig. 1.

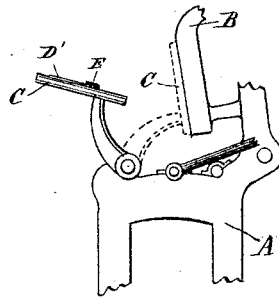


Fig. 3.

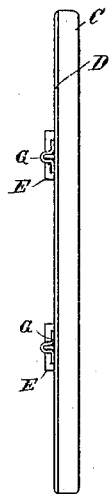


Fig. 2.

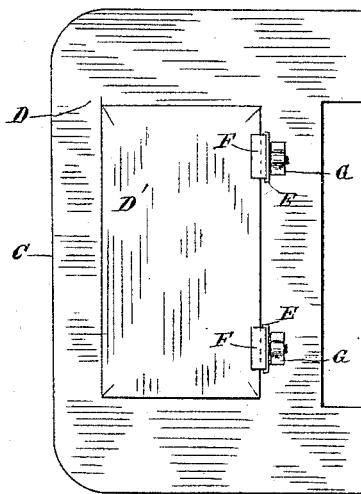


Fig. 6.

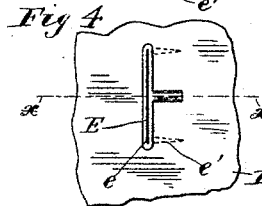
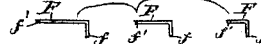
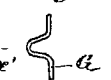


Fig. 7.



Witnesses.

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UNITED STATES PATENT OFFICE.

JAMES W. EGGLESTON, OF MINNEAPOLIS, MINNESOTA.

PRINTER'S GAGE-PIN.

SPECIFICATION forming part of Letters Patent No. 458,562, dated September 1, 1891.

Application filed May 14, 1891. Serial No. 392,725. (No model.)

To all whom it may concern:

Be it known that I, JAMES W. EGGLESTON, a citizen of the United States, residing at Minneapolis, in the county of Hennepin and State of Minnesota, have invented certain new and useful Improvements in Printers' Gage-Pins; and I do hereby declare the following to be a full, clear, and exact description of the invention, such as will enable others skilled in the art to which it appertains to make and use the same.

My invention has for its object to provide an improvement in printers' gage-pins. To this end I employ a device comprising a base securable to the platen and a series of interchangeable retaining-pieces differing in width of face or retaining-surface securable to the base-piece.

The device is illustrated in the accompanying drawings, wherein like letters refer to like parts throughout the several views.

Figure 1 is a side elevation of the device in working position. Figs. 2 and 3 are respectively a plan and rear elevation of the platen of the printing-press with two of the gage-pins in position thereon. Fig. 4 is a plan view of the base-piece of the gage secured to a portion of the platen-covering, and Fig. 5 is a sectional elevation of the same on the line X X'. Fig. 6 shows the series of interchangeable parts. Fig. 7 is a rear view of a yoke-like strip for more permanently securing the base of the gage-pin to the platen-covering.

A B C are respectively the frame, the impression-bed, and the platen of a hand printing-press.

D is a covering, of paper or felt, secured on the upper face of the platen, and D' represents an envelope or other blank material held in position by the gage-pins.

E F are the gage-pins, of which E is the base, and F is one of the interchangeable retaining-pieces. This base-piece E is of T shape, having its head provided with an elongated slit *e*, extending lengthwise thereof. To the under side, at either extremity of this head, are secured brad-like pins *e'*, extending

slightly downward, then bent upon themselves rearward to permit their insertion below the surface of the platen-covering, as best shown in Figs. 4 and 5. The interchangeable parts F are angular pieces of thin metal, the depending portions *f* of which fit the slit *e* of the base-piece E, where they will be held by friction. One or another of the interchangeable pieces is employed, according to the requirements of the work.

To more rigidly secure the base of the gage-pin to the platen, I may employ a strip G, of heavy paper or other suitable material, which is looped over the stem of the base-piece, as shown in Figs. 2, 3, and 7. It may be possible to dispense with the brads *e'* and rely on the loop A alone to secure the base to the platen.

What I claim, and desire to secure by Letters Patent of the United States, is as follows:

1. In a gage-pin, the combination, with a base-piece attachable to the face of the platen, of a series of interchangeable retaining-pieces securable to the base-piece, having different widths of face or retaining-surface.

2. In a gage-pin, the combination, with a slitted base-piece attachable to the face of the platen, of a series of interchangeable retaining-pieces having different widths of face or retaining-surface provided with a downturned flange fitting the slit in the base-piece for securing the same therein.

3. In a gage-pin, the combination, with the T-shaped base-piece, of a strip of flexible material overlapping the stem of the base-piece and secured to the face of the platen by adhesive material.

4. In a gage-pin, the combination, with a T-shaped base-piece E, having the brads *e'*, of the strip of flexible material G, substantially as described.

In testimony whereof I affix my signature in presence of two witnesses.

JAMES W. EGGLESTON.

Witnesses:

ENOS B. WHITMORE,
M. D. PHILLIPS.