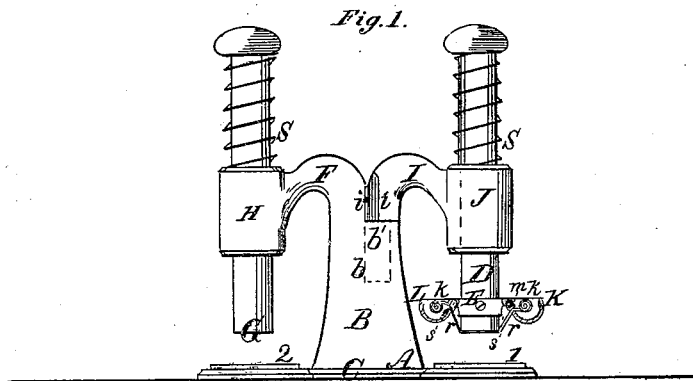
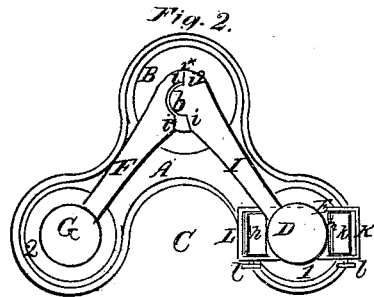


*W. Burrows,  
Hand Stamp.*

*No. 50556.*

*Patented Oct 21, 1885.*



*Witnesses.*

*J. W. Coombs,  
L. Loomis Jr.*

*Inventor.*

*W. Burrows*

# UNITED STATES PATENT OFFICE.

WILLIAM BURROWS, OF NEW YORK, N. Y.

## HAND-STAMP AND EMBOSsing-PRESS.

Specification forming part of Letters Patent No. 50,556, dated October 24, 1865.

### *To all whom it may concern:*

Be it known that I, WILLIAM BURROWS, of the city, county, and State of New York, have invented an Improved Hand Stamp and Embossing-Press; and I do hereby declare the following is a full, clear, and exact description thereof, reference being had to the accompanying drawings, forming a part of this specification, in which—

Figure 1 is a front elevation of a hand-stamping and embossing-press constructed according to my invention. Fig. 2 is a plan of same.

Similar letters of reference indicate corresponding parts in the two figures.

My invention consists in a novel arrangement of a movable horizontally-swinging hand printing-stamp and a hand embossing-press moving in a fixed arm attached to the same standard in which the arm bearing the printing-stamp swings.

It also consists in the attachment of an ink-fountain and inking-ribbon to the printing-stamp in such manner that the ribbon used to produce the impression is properly inked at will.

It further consists in the construction of the bed with a recess so arranged in relation to the embossing and printing stamp as to allow the printing-stamp, which swings horizontally a limited distance, to make an impression on any surface beneath the bed, such as that of a book or of a detached sheet which is too large to pass under the printing-head.

To enable others to construct my invention and apply it to use, I will proceed to describe it with reference to the drawings.

A represents the bed-plate, having an elastic impression-surface, 1, and a hard embossing-surface, 2, the center of the two being apart from each other at an angle of about from eighty degrees to ninety degrees from the center of a standard, B, erected on the said bed-plate, in which there is formed, between the said surfaces, an opening, C, over the center of which the printing-head D may be swung.

The standard B may be cast in a piece with the base A, and the stationary arm F, bearing the embossing-head G, which moves in a vertical direction through the upright slotted bearing H at the extremity of the said arm F, may be cast in the same piece. The upper part of the standard B has in it a socket, b, in which is fitted the stem or pivot b' of the swing-

ing arm I, which has the printing-head D fitted into an upright guide at its outer extremity.

Both the embossing and printing heads are kept clear from the impression-surface, when not in use, by means of spiral springs S, in the manner of the corresponding parts of the presses in common use.

The swing of the arm I is limited, by its being provided with radial shoulders or stops  $i^1$ , which, when the arm is swung into either direction, come into contact with corresponding fixed radial stops or shoulders  $i^2$ , on the immovable arm F.

E is an adjustable collar, having on it, on opposite sides, two small semi-cylindrical boxes or fountains, K and L, in each of which is a small roller, k, which if turned on its axis by a small milled wheel, l, on one end. To each one of the said rollers k is attached one end of a ribbon, r, of suitable width and length, which passes under the face of the printing-stamp, the said ribbon passing through slots  $s^1 s^2$  in the inner side of said boxes, and being wound onto the said rollers.

The box or fountain K is supplied with the necessary ink, with which the ribbon contained on the roller therein is kept saturated until required for use, when the ribbon is wound onto the opposite roller and over the printing-surface through a slot,  $s^2$ , in the inner side of the fountain K. This slot is furnished with a pliable or elastic scraper, m, for the purpose of removing all surplus ink from the ribbon previous to its passing out over the printing-surface.

What I claim as my invention, and desire to secure by Letters Patent, is—

1. The arrangement of a stationary guide, H, for an embossing-stamp, and of a horizontally-swinging printing-stamp, in connection with one standard and bed-plate, substantially as herein described.

2. The opening C in the bed-plate A, arranged in relation with the swinging printing-head D for the purpose and in the manner substantially as herein set forth.

3. The ink-fountain applied directly to the printing-head of a hand-stamp, substantially as herein described.

WM. BURROWS.

Witnesses:

SAML. L. HARRIS,  
J. W. COOMBS.