S. J. Smith,
Hand Stamp.

No. 39178. Patented July 7. 1863.

Fig. 1.

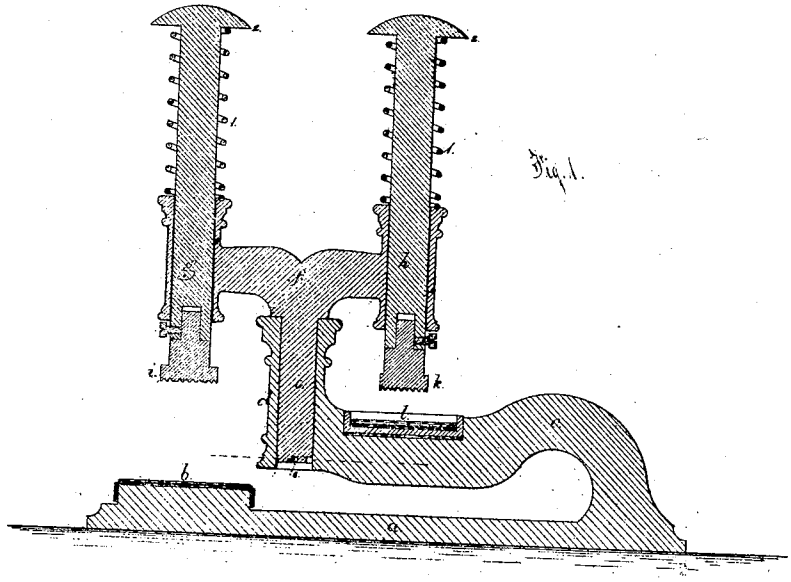


Fig. 2.

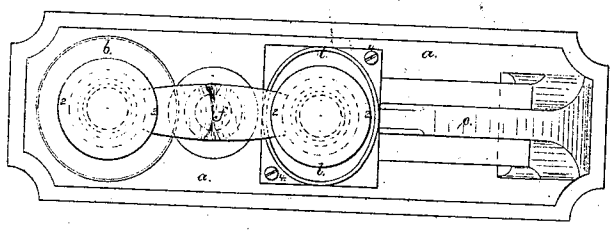
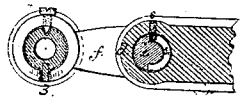


Fig. 3.



Witnesses,
Thos. Gw. Harvell
Chas. H. Smith

S. J. Smith

UNITED STATES PATENT OFFICE.

SAMUEL J. SMITH, OF NEW YORK, N. Y.

HAND STAMPING-PRESS.

Specification forming part of Letters Patent No. **39,178**, dated July 7, 1863.

To all whom it may concern:

Be it known that I, SAMUEL J. SMITH, of the city and State of New York, have invented, made, and applied to use a certain new and useful Improvement in Hand Printing or Stamping Presses; and I do hereby declare the following to be a full, clear, and exact description of my said invention, reference being had to the annexed drawings, making part of this specification, wherein—

Figure 1 is a vertical section of my said press, and Fig. 2 is a plan of the same.

Similar marks of reference denote the same parts.

Stamps have heretofore been fitted on a swinging arm, but the inking-table being on the same level as the impression-table rendered it objectionable, because the ink was liable to get upon the paper or other material from said inking-table. Beside this, two characters of stamps are required in most cases, the one a canceling-stamp and the other the usual business-stamp.

The nature of my said invention consists in a swinging stamp at the end of an arm, which arm carries the inking-table above and out of the way of the paper or other material to be stamped. I also make the inking-table adjustable, so as to be parallel with the surface of the stamp to be inked; and I provide a means whereby two stamps can be used, and the positions of each determined in such a manner that each will come in its proper place on the inking-table or on the impression-bed.

In the drawings, *a* is a metallic bed-plate, carrying the impression-bed *b*, that is covered with leather or other suitable material. From this plate *a* an arm, *c*, rises and extends along over *a*, and terminates as a cylindrical socket, *d*, that receives the gudgeon *e* of the swinging head *f*. Through the ends of this swinging head are introduced the sliding stamp-carriers *g* and *h*, each of which is guided by a groove receiving the point of a screw, (see Fig. 3,) and kept up by an expansive spring, 1, between the upper part of *f* and the under side of the cap 2, and the dies or stamps *i* and *k*, made with any required device, are attached to the lower ends of the respective stamp-carriers *h* and *g*. A pin, at 3, through each stamp-carrier determines the point to which the stamp can be raised by the spring 1. The inking-table *l* is formed as a flat shallow cup, setting upon the arm *c*, and attached thereto by screws 4 4, and beneath this inking-table is a thickness of india-rubber or other elastic material. By the screws 4 4 the said table can be adjusted so as to be parallel with the surface of the stamps *i k*, in order that they may be properly inked when pressed upon the surface of a cloth pad contained in said inking-table. The ink should be placed beneath this pad within the cup-shaped table, and it will work gradually through the pad, as required. It will be seen that this inking-table is entirely out of the way of the paper or other material laid upon the impression-bed *b* to be stamped; hence ink cannot get upon the same by contact with the inking-pad. The swinging head *f* can be turned so as to bring either stamp over the inking-table to receive the ink by pressing the stamp upon the pad, and then by reversing the positions the inked stamp comes over the impression-bed *b*, to be used for stamping any article laid thereon by striking the hand on the cap 2; and in order to facilitate the operation of bringing the stamp centrally and alternately upon the inking-table and upon the impression-bed, I make use of the stop-groove 5, (see the inverted sectional plan, Fig. 3,) that runs a little more than half around the gudgeon *e*; and 6 is a stop pin or screw in *d*, taking this notch or groove at the time that the stamps come centrally over the respective beds.

By forming the inking-table *l* as a shallow cup receiving the cloth pad, much more ink can be introduced to work up through the pad than in those hand-stamps where the ink is spread upon the surface of the pad of the inking-bed, and by changing the pads the color of the ink employed may be varied.

A movable cover may be fitted over the inking-table to keep out dust.

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

1. The combination of a swinging stamp with the inking-table and impression-bed, when said inking-table is elevated above the impression-bed, for the purposes specified.

2. Two arms swinging on one gudgeon and carrying different stamps, substantially as specified, in combination with inking and im-

pression tables, so placed that either stamp can be inked and impressed, as set forth.

3. The adjustable inking-table *l*, formed as a shallow flat cup setting upon the arm *e*, as and for the purposes specified.

4. The shallow cup and cloth pad forming the inking-table, in combination with a stamp fitted upon an arm and gudgeon to swing from such inking-cup to the impression-table, as sot forth.

In witness whereof I have hereunto set my signature this 4th day of March, 1863.

S. J. SMITH.

Witnesses:

LEMUEL W. SERRELL,

CHAS. H. SMITH.