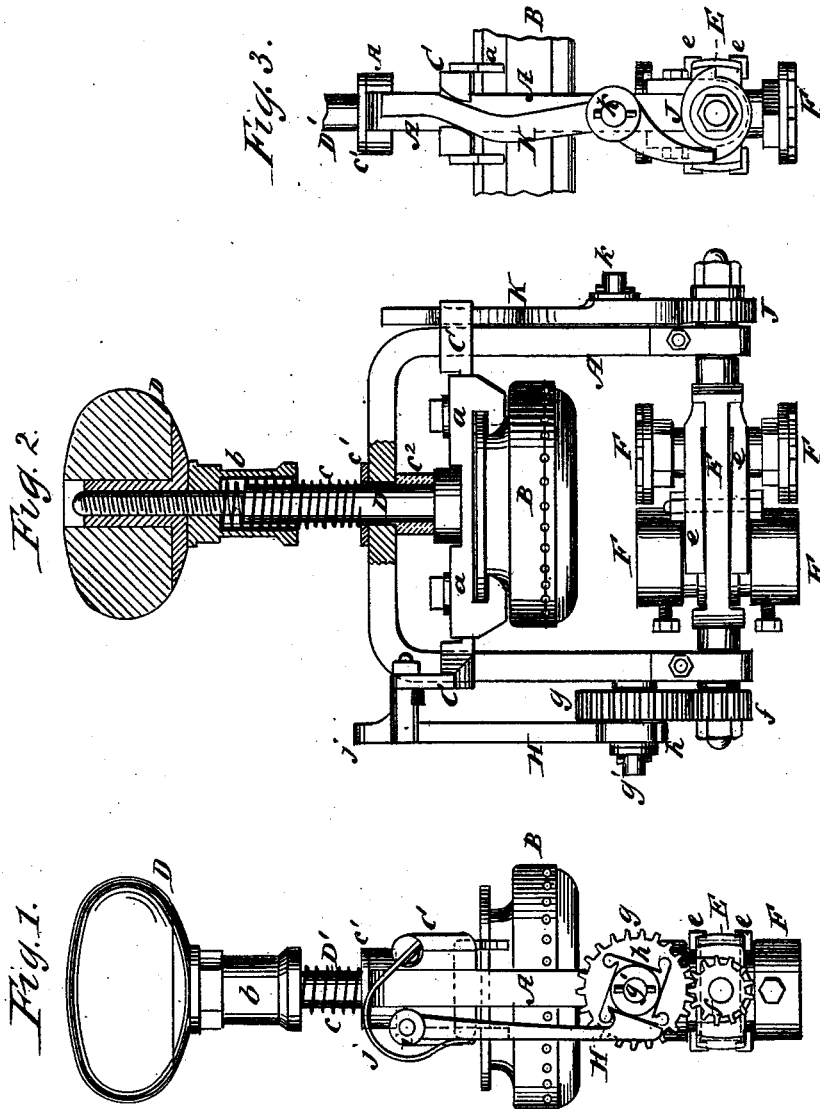


L. TILTON.
HAND-STAMP.

No. 191,623.

Patented June 5, 1877.



WITNESSES:

E. Wolff.
J. H. Scarborough.

INVENTOR:

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UNITED STATES PATENT OFFICE.

LEONARD TILTON, OF BROOKLYN, E. D., NEW YORK.

IMPROVEMENT IN HAND-STAMPS.

Specification forming part of Letters Patent No. 191,623, dated June 5, 1877; application filed May 21, 1877.

To all whom it may concern:

Be it known that I, LEONARD TILTON, of Brooklyn, in the county of Kings and State of New York, have invented a new and Improved Stamp, of which the following is a specification:

This invention has relation to stamps for printing; and the nature of my invention consists in novel devices for giving positive rotation to the stamp-heads after the impressions are made, in combination with a reciprocating inking-pad, as will be hereinafter explained; also, in means for adjusting the throw of the inking-pad with respect to the printing-faces of the stamp-heads.

In the annexed drawings, Figure 1 is a view of one end of the improved hand-stamp. Fig. 2 is a front view of the stamp, partly in section. Fig. 3 is a view of the end of the stamp opposite to that shown by Fig. 1.

Similar letters of reference indicate corresponding parts.

The letter A designates a rectangular frame adapted to receive and support the stamping devices, and B is the inking-pad, which is secured to a follower-bar, C, by means of clamps *a a*, which allow the pad to be removed, and also to be rotated when necessary.

D designates a knob or handle, which is screwed on a stem, D', and fixed rigidly at any desired point thereon by means of a jam-nut, *b*, between which and the frame A is a helical spring, *c*, and a rubber cushion, *c*¹. A rubber cushion, *c*², is also applied on the stem D', between the follower C and frame A, for preventing noise while using the stamp.

E designates a rotating bar, which is journaled in the ends of the two parallel limbs of frame A, and adapted to carry on two sides the stamp-heads F F, which are secured in their places by clamps *e e*.

The drawings represent stamp-heads for dating letters, and at the same time canceling the postage-stamps thereon; but a single stamp-head on each side of the bar E may be used instead of two heads.

On one end of the bar E is keyed a pinion spur-wheel, *f*, which engages with a larger spur-wheel, *g*, on a stud, *g'*, fixed to frame A,

and on the outside of wheel *g* is fixed a four-leaved cam, *h*, with which a lifting-hook, H, engages. Hook H is pivoted on a stud, *i*, fixed to one end of the follower-bar C, and kept in contact with the cam *h* by means of a spring, *j*.

J designates a stop-wheel, on the periphery of which are shoulders arranged diametrically opposite each other; and K is a lever, which has its fulcrum on a stud, *k*, and which passes through the bifurcated end of the follower-bar C. The lower end of lever K is designed to abut against the stops on wheel J when the stamp-heads are in the position shown in the drawings, and hold them in such position.

During the act of making an impression the lever K is free from the stop-wheel, and during the act of raising the machine the weight of the stamp-heads and frame A, assisted by the spring *c*, will cause the hook H to give a half-revolution to the bar E, and bring freshly-inked stamp-heads in position for making impressions. The inking of one pair of stamp-heads is effected at the time of making an impression with the opposite pair of stamp-heads.

If desired, stamp-heads may be arranged on four sides of a bar, E, and such bar given quarter-turns instead of half-turns, as above described.

I contemplate arranging my stamping devices so that they can be operated by a treadle-motion or by any other convenient power.

Having thus described my invention, I claim as new and desire to secure by Letters Patent—

1. In combination with the rotating bar E and the reciprocating inking-pad B, the wheels *f g*, cam *h*, lifting-hook H, and the stop-wheel J, and lever K, arranged substantially in the manner and for the purposes described.

2. In combination with the rotating stamp-heads F and reciprocating inking-pad B, the adjustable knob D, jam-nut *b*, and spring *c*, substantially as described.

LEONARD TILTON.

Witnesses:

C. SEDGWICK,
ALEX. F. ROBERTS.