

*L. Bailey*  
*Hand Stamp.*  
*Patented Mar. 3. 1857.*

# UNITED STATES PATENT OFFICE.

LEONARD BAILEY, OF WINCHESTER, MASSACHUSETTS.

## HAND-STAMP.

Specification of Letters Patent No. 16,712, dated March 3, 1857.

*To all whom it may concern:*

Be it known that I, LEONARD BAILEY, of Winchester, in the county of Middlesex and State of Massachusetts, have invented an Improved Hand-Stamp for Printing Labels, &c.; and I do hereby declare that the same is fully described and represented in the following specification and the accompanying drawings, of which—

Figure 1 exhibits a top view of it. Fig. 2, a side elevation, and Fig. 3, a vertical, central, and longitudinal section of it.

In these drawings A, denotes the frame of the stamp, which, like others of similar machinery, sustains a bed B, and a slider C, the latter being so applied to the frame that by pressure on its upper end it may be depressed toward the bed, a spring D, serving subsequently to elevate it. This slider carries on its lower end an ink fountain or box E, having an inking roller or cylinder F, disposed within and against one side of it, as shown in Fig. 3, or so that ink placed within the said box may rest in contact with the cylindric surface of said roller. This roller has a ratchet G, fixed on one end of its shaft, and so that during the depression of the slider C, the teeth of the said ratchet may come in contact with the spring hook H, and the ratchet and roller be turned a little in their bearings, the spring hook H, being arranged and fixed to the frame A, in the position as seen in the drawings.

The printing type or plate I, is affixed to the under side of the ink box or fountain and is inked by a roller K, which is supported by a forked lever L, having the form and being arranged as shown in the drawings. The said inking roller is borne up against the type by springs M, applied to it and the prongs of the lever. The said lever turns upon fulcra or journals as shown at N, N, and has its upper part arranged in such manner, that while the palm of a person's hand is placed upon the head of the slider C, the third and fourth fingers of his hand may extend down by the upper arm of the lever in such manner as to enable

them to so move the lever as to force the inking roller K backward against the type and also against the inking roller F, far enough to allow the slider to be forced downward by pressure of the palm of the hand on its head, a spring O, applied to the frame A, and the upper part of the lever serving not only to maintain the two inking rollers in contact during the descent of the slider C, but also to return the inking roller K, back to its original position after release of the hand from the slider and the lever.

By the above described arrangement of the hand stamp, the roller which inks the type is made to receive ink from an ink fountain and roller, and besides this, it is caused to pass twice over the form of type prior to an impression being given upon the paper or material laid upon the bed. The mode of operating the lower inking roller is peculiar, as its lever or carrier is arranged in such manner as to enable it to be conveniently moved by the hand while resting on the top of the slider.

What I claim is—

1. Arranging an ink fountain and its discharging roller at the foot of the slider and between the same and the type or printing plate and so as to be movable therewith substantially as set forth.

2. And I also claim arranging the forked lever L, of the inking roller, with respect to the slider, C, substantially as described, so that while the palm of a person's hand is placed on the top of the slider, one or more of the fingers can operate said lever, or the upper arm thereof in a manner to move the inking roller backward against the type and into a position to come in contact with the fountain roller when the slider is next depressed.

In testimony whereof, I have hereunto set my signature.

LEONARD BAILEY.

Witnesses:

R. H. EDDY,  
F. P. HALE, Jr.