H. Holt,
Hand Stamp.

No. 48624. Patented July 4. 1865.

Fig 1

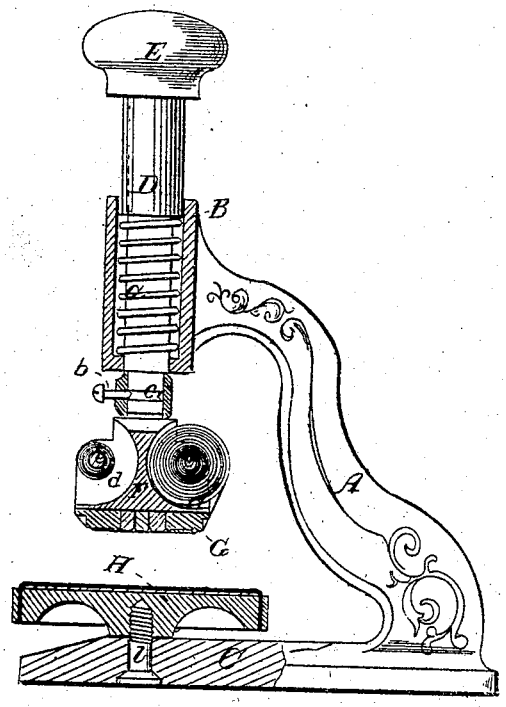


Fig 2

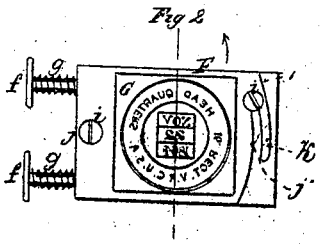
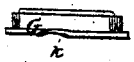


Fig 3



Witnesses.

M. M. Livingston

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UNITED STATES PATENT OFFICE.

HORACE HOLT, OF BROOKLYN, ASSIGNOR TO WM. W. SECOMBE, OF NEW YORK, N. Y.

HAND-STAMP.

Specification forming part of Letters Patent No. **48,624**, dated July 4, 1865.

To all whom it may concern:

Be it known that I, HORACE HOLT, of Brooklyn, in the county of Kings and State of New York, have invented a new and Improved Hand-Stamp; and I do hereby declare that the following is a full, clear, and exact description thereof, which will enable others skilled in the art to make and use the same, reference being had to the accompanying drawings, forming part of this specification, in which—

Figure 1 is a vertical central section of this invention. Fig. 2 is an inverted plan of the type-plate and adjustable head. Fig. 3 is a side elevation of the type-plate detached.

Similar letters of reference indicate like parts.

This invention relates to certain improvements in that class of hand-stamps in which a chemically-prepared or inked ribbon is used to furnish the types with the requisite supply of ink or other material to produce the desired impression.

This invention consists, first, in the employment or use of an adjustable head carrying the reels on which the ink-prepared ribbon is wound, in combination with the longitudinally-sliding stem to which the handle is attached, and with the type-plate, in such a manner that easy access can be had to the reels and ribbon, and that the head with the type-plate can be turned on the stem in either direction, according to the direction in which the impression is to be taken on the paper. The reels lie in cavities in the sides of the head, the end pieces of which form the bearings for the axles of the same. The type-plate is secured to the head by a nick and segmental slot, in combination with a friction-spring, in such a manner that the same can be readily removed and replaced or taken out to change the types, and when in position it is not liable to work loose spontaneously. The table which supports the material on which the impression is taken is made adjustable and removable, so that its height can be regulated, or that it can be taken off and replaced at pleasure.

A represents a stock, made of cast-iron or other suitable material, and provided with a socket, B, at its upper end, and with a foot, C, as clearly shown in Fig. 1. The socket B forms the guide for the stem D, on one end of which is mounted the handle E, whereas its other end carries the head F. A spring, *a*, wound round the stem and inclosed in the socket B, is so arranged that it carries the head and stem up whenever the same has been depressed, and the pressure acting on the same is taken off.

The head F is attached to the stem by a set-screw, *b*, which catches into a circular groove, *c*, so that said head can be readily taken off or turned in either direction, according to the position of the paper or the direction in which the impression is to be taken. Said head is made of cast-iron or other suitable material, and it is provided with two cavities, *d*, one on either side, to receive the reels *e*, on which the ink-prepared ribbon is wound, as shown in Fig. 1. These reels have their bearings in the end pieces of the head, and they are turned by buttons *f*, extending beyond the end of the head, as shown in Fig. 2. Suitable friction-springs, *g*, prevent them from turning spontaneously.

The ink-prepared ribbon *h* is drawn from one reel across the face of the type in the type-plate G to the other reel, as shown in red lines in Fig. 1, and if one portion of said ribbon is worn out or the ink contained in it used up, the buttons *f* are turned and a new portion of the ribbon is brought into action.

The type-plate G is secured to the head F by means of two screws, *i i'*, which are firmly secured in the head, and one of which catches in a nick, *j*, and the other in a segmental slot, *j'*, in the plate, said nick and slot being just large enough to admit the shanks of the screws. By turning the plate in the direction of the arrow marked near it in Fig. 2 the screw *i'* passes out of the slot *j'*, and said plate can be easily withdrawn from the screw *i* and removed from the head. Type-plates of different size and capacity can thus be attached to the head F, as circumstances may render it desirable, and in changing the types easy access can be had to the type-box. To prevent the plate from dropping off spontaneously, that portion of the same which is situated beyond the slot *j'* forms a spring, *k*, bearing on the face of the head when the plate is

in its place, and the friction caused by this spring retains said plate.

The table H is secured to the foot C by means of a set-screw, *l*, so that it can be raised or lowered, or that it can be taken off and replaced by another, if desired.

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

1. The type-carrying head F, constructed with cavities *d d* for the reception of the ink-ribbon, and attached to its stem D by a circular groove and set-screw, or equivalent device, to admit of turning it on its axis, all substantially as herein shown and described, and for the purposes set forth.

2. The nick *j*, segmental slot *j'*, and spring *k* in the type-plate G, to operate, in combination with the screws or studs *i i'*, inserted in the head F, substantially as and for the purpose set forth.

HORACE HOLT.

Witnesses:
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W. HAUFF.