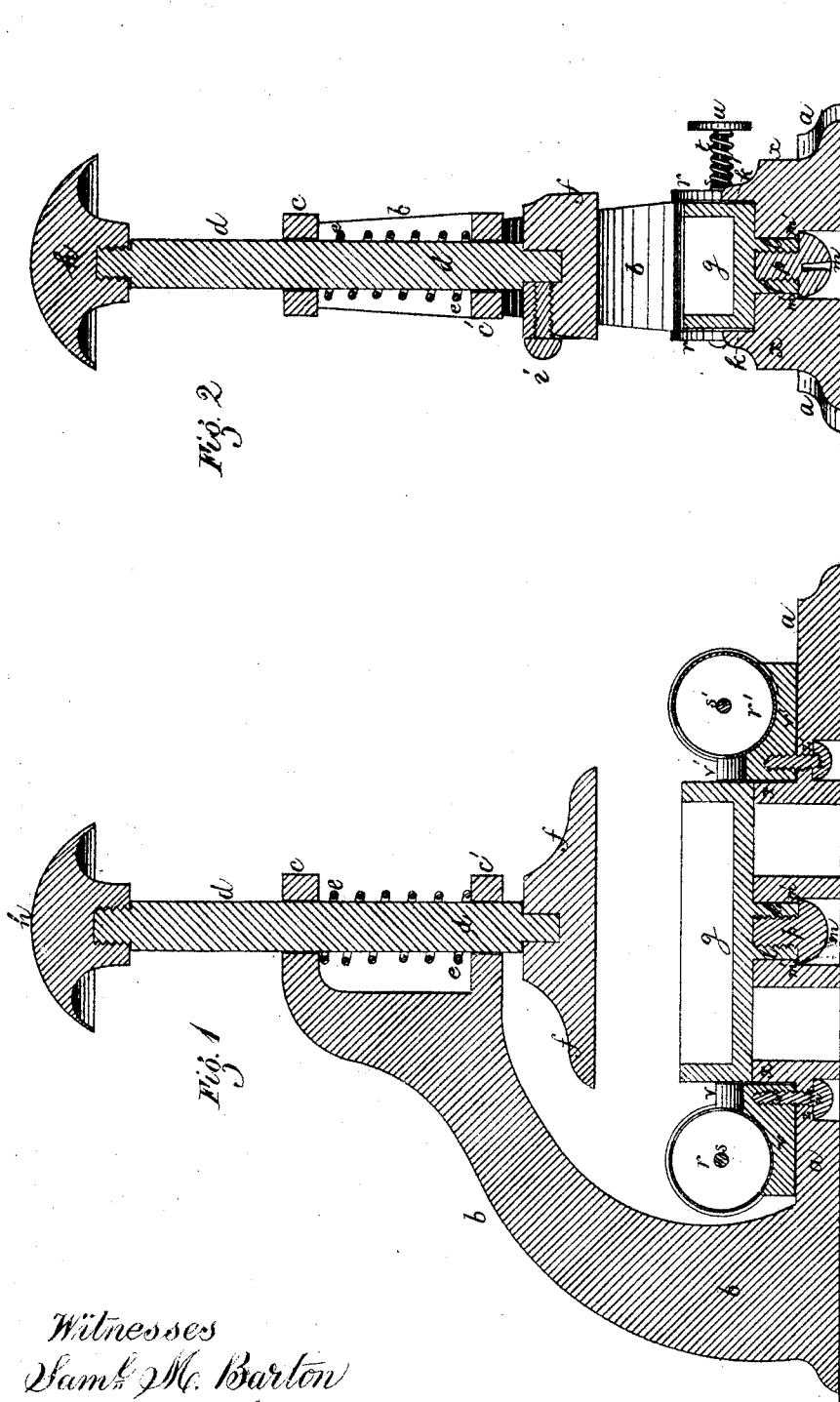


Hand- Stamps.

No. 142,099.

Patented August 26, 1873.



Witnesses
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UNITED STATES PATENT OFFICE.

WILLIAM B. GORHAM, OF BOSTON, MASSACHUSETTS.

IMPROVEMENT IN HAND-STAMPS.

Specification forming part of Letters Patent No. **142,099**, dated August 26, 1873; application filed October 9, 1872.

To all whom it may concern :

Be it known that I, WILLIAM B. GORHAM, of Boston, in the county of Suffolk and State of Massachusetts, have invented certain Improvements in Hand-Stamps, of which the following is a specification :

Figure 1 of the accompanying drawing is a central vertical longitudinal section, and Fig. 2 is a central vertical transverse section, of my improved hand-stamp.

The present invention relates to the class of hand-stamps generally known as "ribbon-stamps;" and has for its object to improve their construction in such a manner as to admit of the use of differently-colored ribbons on the same stamp. To this end the invention consists in the construction and arrangement of parts which I will now proceed to describe.

In the drawings, *a* represents the bed or base of a hand-stamp, extending upward from the rear of which is a curved standard or frame, *b*, projecting forward, and formed on the face of its upper portion with horizontal projecting bearings *c c'*, that support and allow the free up-and-down play of a stem or plunger, *d*, provided with a spiral or other suitable spring, *e*, that finds a seat on the top of the lower bearing *c'*, and bears at the top against a stem connected with the plunger *d*, the bottom of which is connected with and held by a screw, *i*, to a pad or platen, *f*, that is brought down upon a ribbon saturated with ink, and extending over the top of an adjustable die or types contained in an adjustable pallet, *g*, by the power applied to a cap, *h*, connected with the top of the plunger *d*, the pad or platen *f* being raised to its original position, when the power is removed from the cap *h*, by the release of the spring *e*, which is compressed by the downward action of the

plunger *d*. The bed or base *a* is raised in the center to form a bed, *x*, and is formed on each side with vertical flanges or ways, *k k'*, to support and allow of the ready insertion or withdrawal of a die or pallet, *g*, which is formed on the bottom with a screw-stem, *l*, that fits into an aperture, *m*, extending through the base *a*, and formed with shoulders *m'*, against which abuts the head of a screw, *p*, that engages with the screw-stem *l*, and holds the pallet *g* firmly in place. In the front and rear of the ways *k k'*, extending partly across the bed *a*, are ribbon-boxes *r r'*, provided with an ink-ribbon connected with and operated by arbors *s s'*, having springs *t* and thumb-wheels *u*, and attached to or formed on blocks *v v'*, that are held on or removed from the bed *a* by screws *w w'*, operating in apertures countersunk so as to form shoulders *z z'*, and extending through the bottom of the bed *a*.

By the above description, reference being had to the drawings, it will readily be seen that, as the ribbon-boxes are removable, one set of boxes may be exchanged for another, and thus differently-colored ribbons may be used on the same stamp.

Having thus fully described my improvements, what I claim as my invention, and desire to have secured to me by Letters Patent, is—

The combination of the base *a*, adjustable block *v* or *v'*, and ribbon-box *r* or *r'*, arranged as specified.

In testimony whereof I have signed my name to this specification in the presence of two subscribing witnesses.

WILLIAM B. GORHAM.

Witnesses:

CARROLL D. WRIGHT,
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