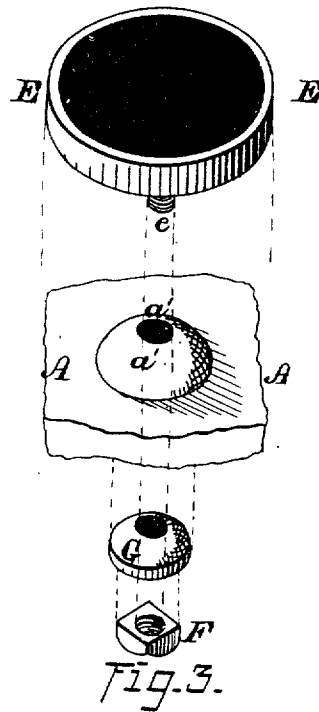
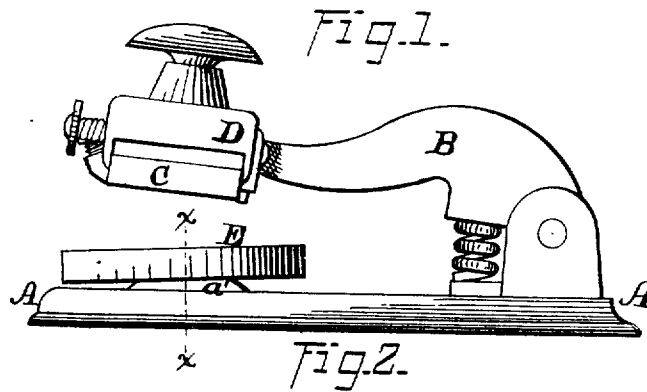


J. SIGWALT, Jr.

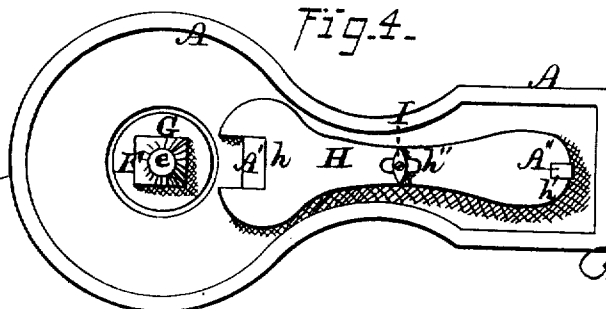
HAND-STAMP.

No. 174,017.

Patented Feb. 22, 1876.



WITNESSES=
 *Jas. Hutchinson
 John R. Young*



INVENTOR.
*Jas. Sigwalt, Jr., by
 Prindle and Son his
 Attys.*

UNITED STATES PATENT OFFICE.

JOHN SIGWALT, JR., OF CHICAGO, ILLINOIS.

IMPROVEMENT IN HAND-STAMPS.

Specification forming part of Letters Patent No. **174,017**, dated February 22, 1876; application filed May 19, 1874.

To all whom it may concern:

Be it known that I, JOHN SIGWALT, JR., of Chicago, Cook county, State of Illinois, have invented certain new and useful Improvements in Hand-Stamps; and I do hereby declare that the following is a full, clear, and exact description thereof, reference being had to the accompanying drawings, making a part of this specification, in which—

Figure 1 is a side elevation of my improved stamps as arranged for use. Fig. 2 is a perspective view of the pad-block, front end of the bed-piece, semi-spherical washer, and nut separated from each other. Fig. 3 is a vertical central section of said parts as combined; and Fig. 4 is a plan view of the lower side of said stamp, showing the means employed for attaching thereto the wrench employed for adjusting said pad-piece.

Letters of like name and kind refer to like parts in each of the figures.

The design of my invention is to enable the ready adjustment of the pad-piece of a hand-stamp to any desired angle with reference to a horizontal line; and it consists, principally, in the peculiar form of the bearings between the pad-piece, washer, and the bed-piece, substantially as and for the purpose hereinafter specified. It consists, further, in the means employed for attaching to the lower side of the bed-piece the wrench used for adjusting the pad-piece to position, substantially as is hereinafter shown.

In the annexed drawing, A represents the bed-piece of my stamp, constructed with the usual form in plan view, and having pivoted upon its upper side, at its rear end, one end of a lever, B, said lever, at its opposite forward end, being provided with a suitable die-holder, C, and ribbon-boxes D, and rendered capable of vertical oscillation, within certain limits, upon its pivotal bearing, all in the usual manner. Immediately beneath the forward end of the lever B is placed a circular pad-piece, E, which is secured to or upon the bed-piece A by means of a bolt, *e*, that is attached to, and extends downward from, the lower side and center of said pad-piece, and, passing through a suitable opening, *a*, that is formed in said bed-piece, has upon its lower threaded end a nut, F. In order that the pad-piece E

may be adjusted to the different angles rendered necessary by the varying thicknesses of papers to be stamped, and, at the same time, may maintain a firm bearing, its lower side, around the upper end ~~end~~ of the bolt *e*, is provided with a semi-spherical recess, *e'*, and upon the bed-piece, immediately beneath, is formed a corresponding semi-spherical boss or seat, *a'*, upon which said recess is caused to bear. Upon the lower side of the bed-piece A, immediately beneath the boss *a'*, is provided a semi-spherical recess, *a''*, which receives a washer, G, that, upon its ~~upper~~ upper side, corresponds to, and fills, the same, and at its lower side is plain, so as to furnish a bearing for the nut F.

As thus arranged, it will be seen that the pad-piece may be tilted in either direction until its edge touches the upper surface of the bed-piece, without lessening its bearing upon the boss *a'*; and that the washer G, following the inclination of the bolt *e*, will have an equally firm bearing within the recess *a''*, while, as the nut F, washer G, and bolt *e* maintain the same relative angle, said nut will, at all times, have a square bearing against which to be screwed.

To change the angle of the pad-piece, it is only necessary that the nut should be loosened until the former can be moved. After adjustment said nut should be again tightened until said pad-piece is firmly secured in place.

As the pad-piece requires frequent adjustment, it is necessary that a suitable wrench, H, should be provided for the manipulation of the nut; and, in order that said wrench may be secured against misplacement or loss, I provide, within the concave lower side of the base-plate A, two lugs, A' and A'', which have such size and relative position as to engage, respectively, with the nut-opening *h* at one end of said wrench, and a small recess, *h'*, that is formed within the opposite end or handle of the same, by which means the lateral position of said wrench is insured. A central elongated opening, *h''*, within the wrench H, permits it to be passed over a turn-button, I, that is pivoted upon the base-plate A, which button, when said wrench is in position, may be turned at a right angle to its opening, so as to prevent the removal of the same. The

wrench, thus stored, is always in place, can be attached and replaced in a moment's time, is not in the way, and occupies no space that would be available for other purposes.

Having thus fully set forth the nature and merits of my invention, what I claim as new is—

1. In combination with the bed-piece A, provided with the opening *a*, semi-spherical boss *a'*, and semi-spherical recess *a''*, the pad-piece E, having the bolt *e* and semi-spherical recess *e'*, the washer G, made semi-spherical upon its upper side, and the nut F, fitted to or upon said bolt, substantially as and for the purpose specified.

2. In combination with the bed-piece A, provided with the lugs A' and A'' and turn-button I, the wrench H, provided with the nut-opening *h*, notch *h'*, and elongated central opening *h''*, substantially as and for the purpose shown.

In testimony whereof I have hereunto set my hand this 30th day of April, 1874.

JOHN SIGWALT, JR.

Witnesses:

FRANK CARPENTER,
CHAS. SIGWALT.