A. Jones.
Hand Stamp.

No. 50715 Patented Oct. 31. 1865.

Fig:1:

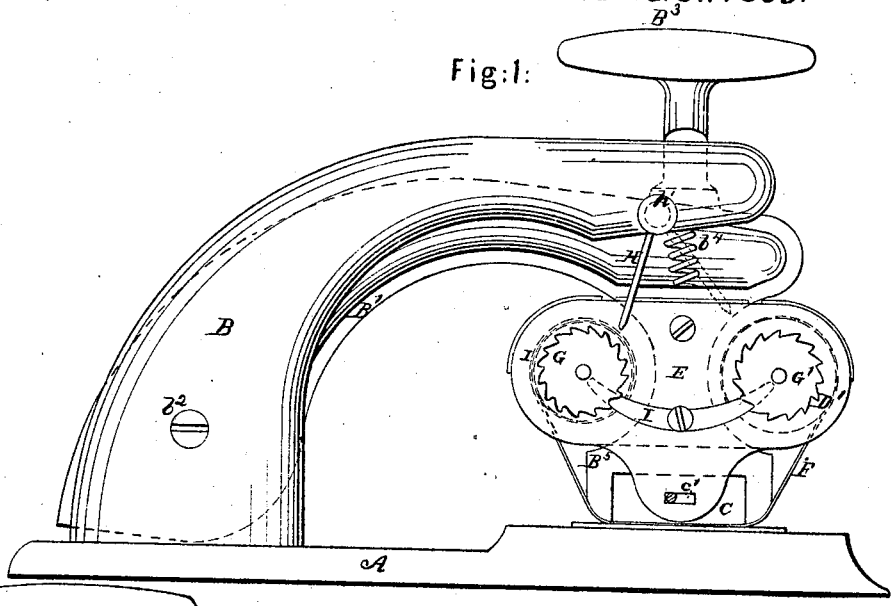


Fig:2:

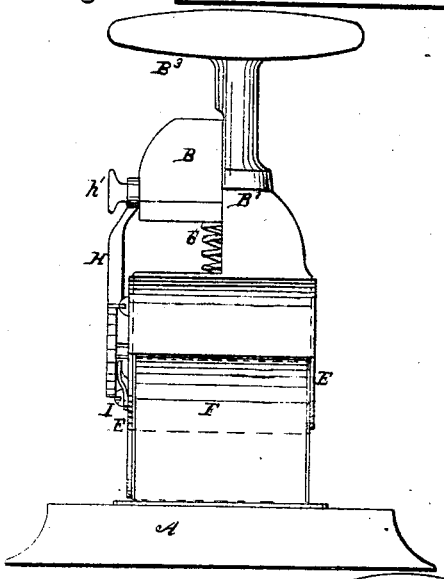


Fig:4:

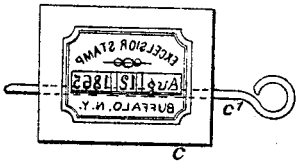


Fig:5:

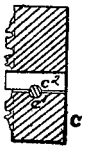
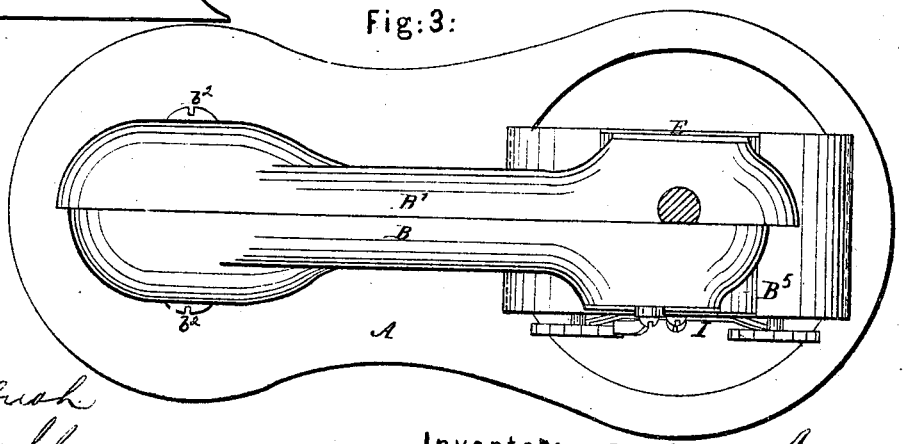


Fig:3:



Witnesses:

W. C. Forbush

W. H. Muehl

Inventor: Albert Jones

UNITED STATES PATENT OFFICE.

ALBERT JONES, OF BUFFALO, NEW YORK.

HAND-STAMP.

Specification forming part of Letters Patent No. **50,715**, dated October 31, 1865.

To all whom it may concern:

Be it known that I, ALBERT JONES, of the city of Buffalo, county of Erie, and State of New York, have invented a certain new and Improved Hand-Stamp or Dating-Machine; and I do hereby declare that the following is a full and exact description thereof, reference being had to the accompanying drawings, making a part of this specification, in which—

Figure I is a side elevation of my said stamp. Fig. II is a plan of same. Fig. III is a front end elevation, and Figs. IV and V details of changeable die.

This improvement relates to that class of hand-stamps in which the impression is given through an inked ribbon; and it consists, first, in an automatic reversible feed-motion for said ribbon, whereby the impression-surface is constantly changed and clear and uniform impressions secured; second, in securing the changeable dating-type within the die by a rod passing through the die and catching into notches in the side of the type.

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

A represents the base-plate of the stamp, and B B′ a double-curved arm or bracket, the one part, B, being cast on the base-plate, the other part, B′, to which the die, &c., is secured, being hinged to the part B, as shown at b^2, and provided with a hand-plate, B^3, by which it is pressed down to give the impression, vibrating on b^2 as a center. The upward movement of this arm is given by a spiral spring, b^4, connected by one end to the arm B, and by the other to the arm B′. The arm B′ has a downward projection, B^5, which forms the die-socket, to receive and hold the die C.

D D′ represent ribbon-spools arranged one in front and the other behind the die-socket B^5, and having bearings in the side plates, E, secured to the die-socket. The inked ribbon F is wound on these spools, passing from one to the other, over the face of the die C.

G represents a ratchet-wheel on the end of the spindle of spool D, and G′ a similar ratchet-wheel, but with reversed teeth, on the end of the spindle of spool D′.

H represents a spring-pawl, secured to the stationary arm B by a thumb-screw, h', which may be made to engage with the teeth of either ratchet-wheel, as desired, by loosening said thumb-screw and reversing its angle, as shown by the red lines on the drawings. This pawl being set in position to engage with the ratchet-wheel G, the spool D will be rotated the length of one tooth of the ratchet-wheel at every impression, and the ribbon be wound by such rotation from the spool D′ onto the spool D, and the impression-surface of the ribbon thereby constantly changed. After the ribbon is in this manner all unwound from the spool D′ it may be rewound thereon by reversing the pawl, so that it may engage the ratchet-wheel G′, which will rotate the spools in the opposite direction.

I represents a friction-spring, bearing against the ratchet-wheels with sufficient force to give the required tension to the ribbon.

The die C, Figs. IV and V, has a mortise cut through it for the reception of the dating-type. These are held in place by a small wire or rod, C′, passing through the die alongside of the type and catching in notches C^2 formed in sides of said type.

By withdrawing this rod the dating-type may be readily removed and others substituted, as occasion requires.

This device and the stamp, as a whole, will be found very simple and convenient for the purpose intended, also very compact and durable.

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

1. The combination and arrangement, with the inked ribbon and spools, of the ratchet-wheels G G′ and reversible pawl H, in the manner and for the purpose described.

2. The combination of the mortised die C, notched dating-type C^2 and retaining-rod C′, in the manner and for the purpose described.

3. The double-curved arm or bracket B B′, the one part stationary and the other movable, and carrying the die and ribbon-spools as described.

ALBERT JONES.

Witnesses:

B. H. MUEHLE,

W. H. FORBUSH.