A. BENCINI.

Hand-Stamp.

No. 130,354. Patented Aug. 13, 1872.

Fig. 1.

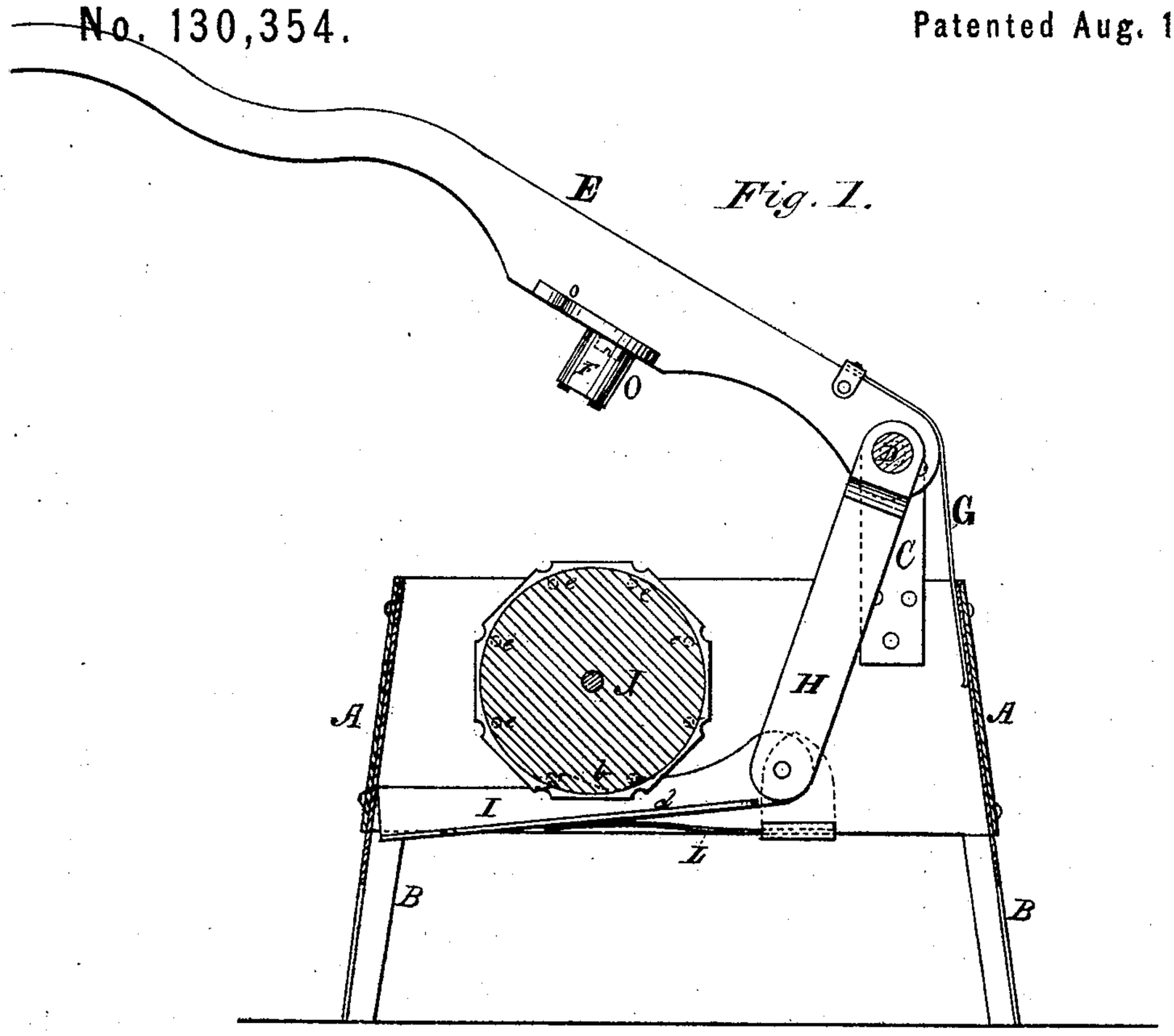


Fig. 2.

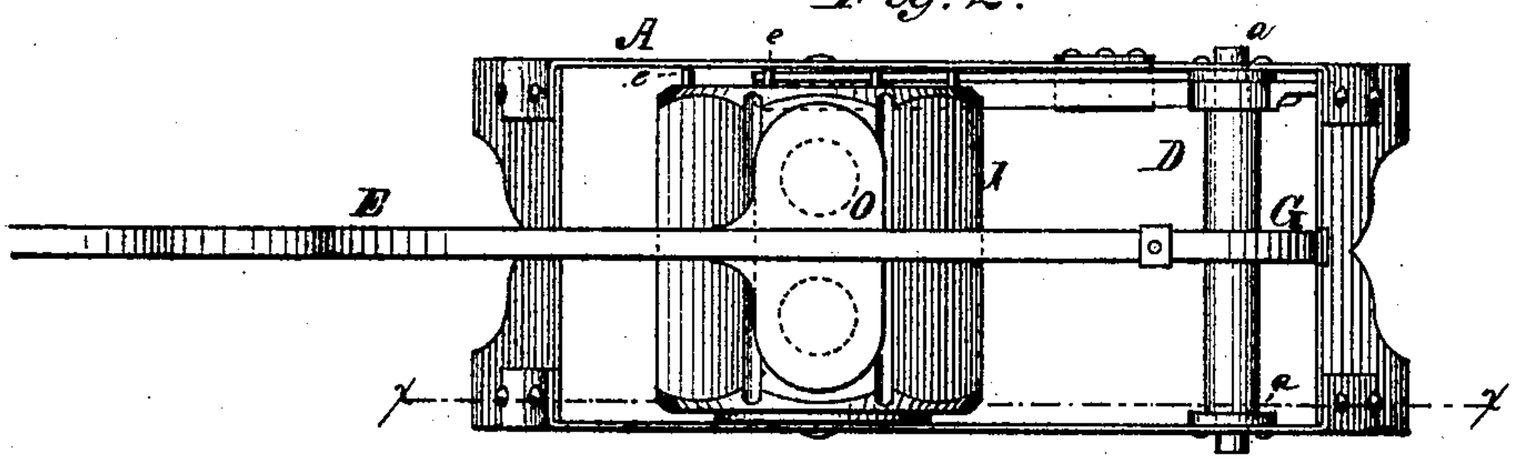


Fig. 3.

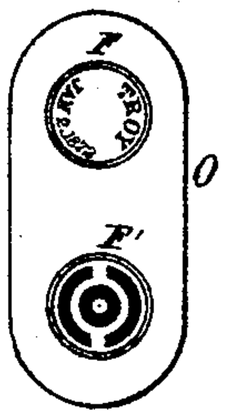
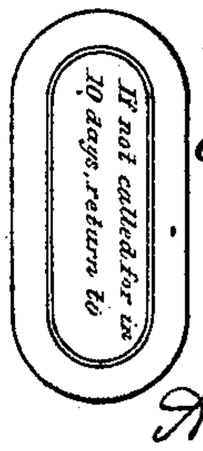


Fig. 4.



Witnesses:

T. C. Brecht.

Parker H. Sinclair Jr.

Inventor:

Anthony Bencini.

By James L. Norris.

Atty.

UNITED STATES PATENT OFFICE.

ANTHONY BENCINI, OF SALISBURY, NORTH CAROLINA.

IMPROVEMENT IN HAND-STAMPS.

Specification forming part of Letters Patent No. **130,354**, dated August 13, 1872; antedated August 6, 1872.

To all whom it may concern:

Be it known that I, ANTHONY BENCINI, of Salisbury, in the county of Rowan and State of North Carolina, 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 of the same, sufficient to enable others skilled in the art to make and use the same, reference being had to the accompanying drawing forming a part of this specification, in which drawing—

Figure 1 is a vertical section of the improved hand-stamp taken on the line *x x* of Fig. 2. Fig. 2 is a top view of the same. Fig. 3 is a detached view of the stamping and canceling dies. Fig. 4 is a modification of the stamping or printing dies.

This invention relates to an improvement in hand-stamps such as are employed for dating envelopes and canceling stamps by one and the same operation. My invention consists of a hand-lever carrying type and canceling-dies, which lever is rigidly secured upon a rock-shaft, from which depends an arm having pivoted to its lower end a sliding pawl which engages with pins or studs on a type and inking cylinder in such a manner that when the lever is elevated a rotary intermittent motion is imparted to said cylinder, and when said lever is depressed the rotation of the said impression and inking cylinder is prevented, whereby a flat surface is presented to the dies in printing or canceling envelopes, &c.

The letter A designates the frame or case of the hand-stamp, which, in the present instance, is made in the form of a rectangle. This case or frame may be made of any desired metal or other material, and may be provided with legs or supports B B. Standards C C extend upwardly from the sides of the case or frame A, the said standards being provided with openings *a a*, which form the bearings for the axle D of the hand-lever E, carrying the stamping and canceling dies F F′. This hand-lever is rigidly secured upon the axle D in such a manner that the said axle rotates with the lever as the same is raised or depressed. A recess, *o*, is formed in the lever, into which a plate, O, is secured, carrying upon its face sockets or chambers to receive the printing and canceling dies F F′. This plate is secured to the lever by means of a set-screw or other fastening device, so as to be readily removed and replaced when desired. The type or printing die is so connected with its socket or chamber that the same can be quickly removed and replaced for the purpose of changing the dating-type. G is a metallic spring, having one end firmly secured upon the case or frame A, while its other end is rigidly secured upon the back of the rear end of the hand-lever E, so that when the said lever is released, when depressed, the spring will tend to raise and hold the lever in an elevated position. An arm, H, depends from the rock-shaft A, and is pivoted, at or near its lower end, to a sliding pawl, I, formed with one or more notches or ratchet-teeth, *b*, which engage with studs or pins *e e* on a cylinder, J, which has its bearings in the side of the frame or case A, by which a rotary intermittent motion is imparted to the cylinder J, which cylinder is constructed with a series of flat beds on its surface acting alternately as impression and inking surfaces for the dies F F′. A spring, L, is secured to the case or frame A, and has its free end constantly pressing against the edge or flange *d* of the sliding pawl, so that the notches or teeth of the said pawl are kept in contact with the spurs or pins of the cylinder, thus checking and governing the rotation of the same. By communicating a rotary intermittent motion to the cylinder carrying the flat beds, or the impression and inking beds, by elevating the hand-lever carrying the type and canceling dies and checking the return of said roller when the lever is depressed, the flat impression and inking surfaces are alternately presented to the action of the printing and canceling dies. By this means, when an envelope or other mail-matter is placed upon the impression-bed and the lever depressed, the die F will print the name of the post-office, together with the year, month, and date, while the canceling-dies will disfigure the stamp by the one and same depression of the lever.

In Fig. 4 is shown a die which can be secured upon the plate O, which die is for printing business-cards, envelopes, &c., its operation in connection with the impression and inking cylinder being the same as before described.

It is intended to apply the inking-fluid to the inking bed or surface by means of a small hand-roller; but other means may be employed.

In operation it will be found sufficient to make every fourth section or bed of the cylinder an inking-cylinder, as one application of the inking-fluid to the type-die will be sufficient for legibly printing and canceling the stamp of about four envelopes.

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

The lever E, carrying printing and canceling dies F F′ and mounted upon the rock-shaft D, in combination with the arm H, sliding pawl I, and the cylinder J, provided with a series of alternate printing and inking beds, substantially as described.

To the above I have signed my name.

A. BENCINI.

Witnesses:

JAMES L. NORRIS,

GEO. J. LONG.