

(No Model.)

O. H. TAPPAN.

HAND STAMP.

No. 247,710.

Patented Sept. 27, 1881.

Fig. 2

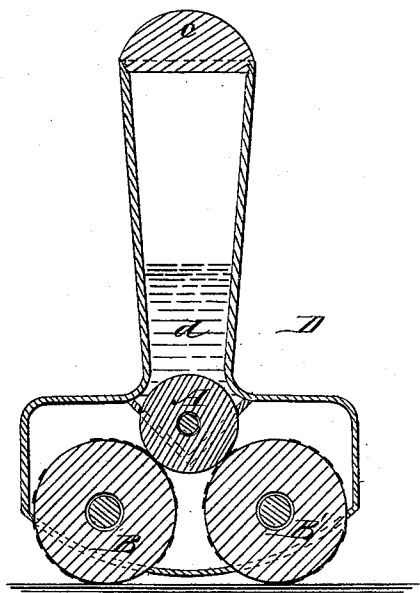


Fig. 1

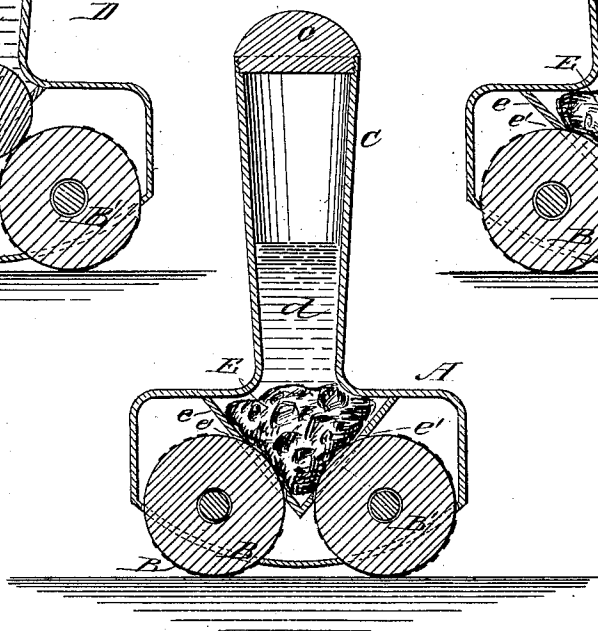


Fig. 3

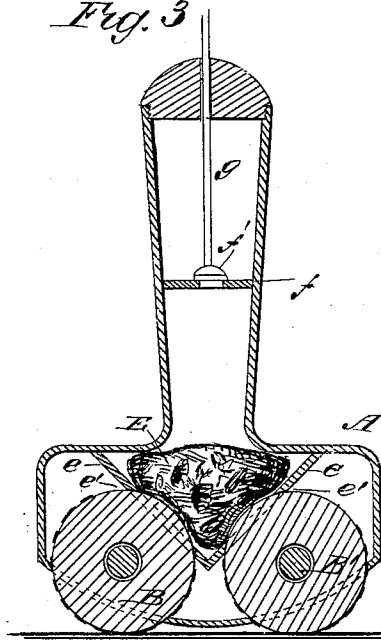
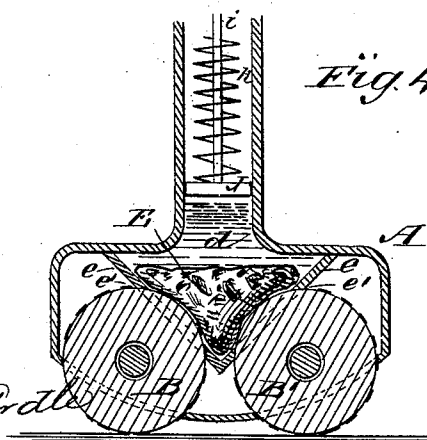


Fig. 4



WITNESSES:

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HAND-STAMP.

SPECIFICATION forming part of Letters Patent No. 247,710, dated September 27, 1881.

Application filed February 25, 1881. (No model.)

To all whom it may concern:

Be it known that I, OGDEN H. TAPPAN, of Potsdam, in the county of St. Lawrence and State of New York, have invented a new and Improved Hand-Stamp, of which the following is a specification.

The object of my invention is a cheap and effective stamp-canceling and postmarking device for use in post-offices, and one which can be used rapidly and on all kinds of mail-matter.

The invention consists of two rollers, one for stamping or printing and the other for canceling, journaled in a frame, the surfaces of which rollers are supplied with ink from a superimposed ink-reservoir, the rollers being adapted to be rolled or passed over and upon the letters and stamps to mark and cancel the same.

In the accompanying drawings, Figure 1 represents a vertical sectional view of my invention; and Figs. 2, 3, and 4 represent like views of modifications thereof.

Similar letters of reference indicate corresponding parts.

The frame A is of tin or other suitable sheet metal, and formed with an enlarged portion, which is of such size and shape as to permit the marking and canceling wheels B B' to be journaled in it in such manner that a portion of both wheels will be sufficiently exposed below the frame for applying the ink for marking and canceling. The handle C of the frame is hollow and closed at the top with the screw-cap c, thus forming the reservoir for the ink d, which is retained in the reservoir and gradually supplied to the rollers by the sponge or other absorbent material E, held in the triangular chamber formed by the diagonal plates e e, secured to the top of the frame, as shown. The plates e e have the slots e' e' formed in them, through which a portion of both wheels pass, and thus move in contact with the absorbent material E to be supplied with ink.

The marking and canceling wheels, of suitable diameter and length, are formed of metal, rubber, celluloid, or other suitable material, and may be solid or formed with a core of different material. The marking or printing cylinder or wheel B has raised letters formed on its periphery for either one or two postmarks, and is also formed with suitable depressions

or undercut grooves for holding removable type, which may be inserted for printing the month and day of the month. The canceling-wheel B' may be plain; or it may have devices, letters, or figures formed on it as desired; and it may have needle-points for mutilating the stamps.

Instead of using the sponge or absorbent material E for supplying the ink to the surfaces of the wheels, a third wheel, D, bearing upon the rollers B B' and revolving directly in contact with the ink, as shown in Fig. 2, might be used, and the reservoir containing the ink may be divided by the diaphragm f, containing the valve f', operated by the rod g, which passes through the screw-cap c, as shown in Fig. 3, by which means the ink contained in the space above the diaphragm may be admitted to the absorbent material as the ink in the same becomes exhausted; or, instead of the diaphragm, the piston J, having the rod i and forced down by the spring k, as shown in Fig. 4, might be used, which will keep the sponge or other absorbent material saturated, and by this means ink of as heavy body as printers' ink may be used.

Though I have shown and described my invention as applied for postmarking and stamp-canceling, it is obvious that it may also be used for dating and receipting, and for many other purposes, in which case only the printing-roller would be required.

A package of letters is held in one hand like a pack of playing-cards, while the stamp is slightly tilted and roll B passed over it to imprint the date. The stamp is then tilted in the other direction and the roll B' passed over the postage-stamp to cancel it.

What I claim as new and of my invention is—

A hand-stamp carrying two parallel rolls, B B', one to postmark, the other to cancel, and both receiving their supply of ink from the same reservoir in handle and the same intermediate feed, as shown and described.

OGDEN HEWITT TAPPAN.

Witnesses:

CHARLES O. TAPPAN,
SARAH A. TAPPAN.