

T. BERRIDGE.
Hand-Stamp.

No. 228,243.

Patented June 1, 1880.

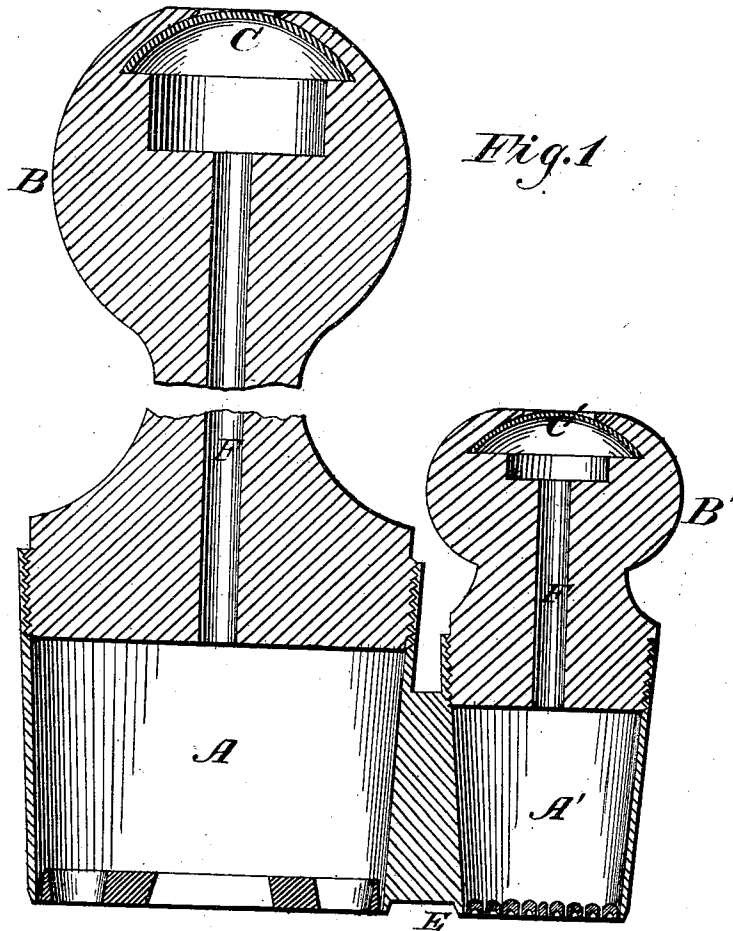


Fig. 1

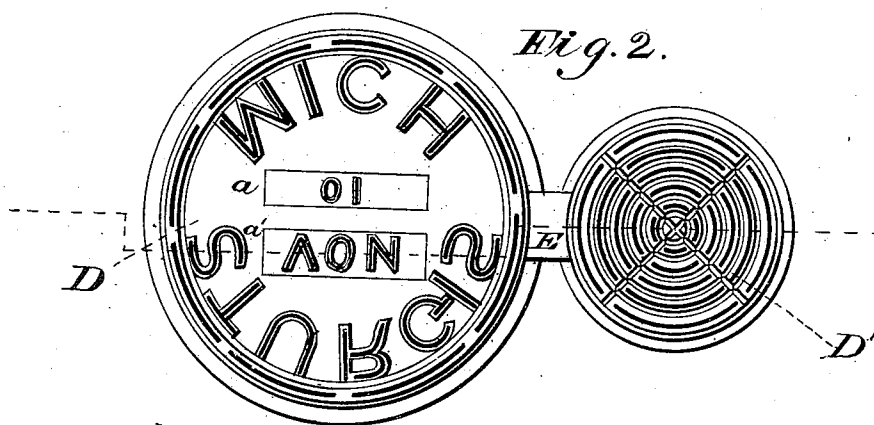


Fig. 2.

Witnesses:
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Inventor:
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UNITED STATES PATENT OFFICE.

THOMAS BERRIDGE, OF STURGIS, MICHIGAN.

HAND-STAMP.

SPECIFICATION forming part of Letters Patent No. 228,243, dated June 1, 1880.

Application filed February 12, 1880.

To all whom it may concern:

Be it known that I, THOMAS BERRIDGE, a citizen of the United States, residing at Sturgis, in the county of St. Joseph and State of Michigan, have invented a new and useful Fountain Hand-Stamp, of which the following is a specification.

My invention relates to improvements in fountain hand-stamps, which will be fully described herein; and the object of my invention is to furnish a fountain hand-stamp that will contain a constant supply of ink and stamp and cancel simultaneously. I attain these objects by the device illustrated in the accompanying drawings, in which—

Figure 1 is a vertical section of the entire hand-stamp. Fig. 2 is a view of the face of the stamp, showing the canceler attached to the dating-head.

Similar letters refer to similar parts throughout the several views.

A A', Fig. 1, are metallic cylinders or cups with screw-threads cut on their upper edges, having on their faces D D' the necessary permanent-matter letters and the slots for the changeable types. These cylinders are made by being cast each over a solid form furnished with adjustable letters and blocks for making the slots, and a device for the canceler. These forms are set in a bed of plaster or other suitable plastic material, thereby making an impression of the letters, &c., thereon. The forms are then raised sufficiently to cause the proper projections of the letters and device when cast therein, as they appear on the faces of the cylinders or cups at D D'. The changeable types, as well as the permanent-matter letters and designs on the faces of the stamp and canceler, are perforated, so that the ink will pass through the perforations while the device is in use; otherwise the ink, being of a proper consistency, will not pass through the perforations, the air-ducts F F' being closed at their upper ends by the hemispheres C C'.

B B' are handles, furnished with screw-

threads cut on their lower ends to fit into cylinders A A', and containing air-ducts F F' through their entire length, and furnished on top with hollow elastic hemispheres C C', resting a little below the upper surfaces of the handles B B'.

a a' are hollow types for the dates, &c., which are inserted in slots in the face of the stamp, and are changeable, as required. These types are very light, and made beveled at the ends and rectangular on the sides, and where fitted snugly into the slots the ink forms a sufficiently-adhesive paste to retain them in position while in use.

E is a solid metallic block connecting the cylinders or cups A A', thus rendering but one impression necessary to stamp and cancel.

Ink of a suitable consistency being placed in the cylinders A A', the handles B B' are screwed therein and an impression made on the matter to be stamped and canceled by a sharp pressure of the device thereon. If the ink should become sluggish, it is made to flow readily by a slight pressure on the hemispheres C C', thus setting in motion the air in the air-ducts F F', which will agitate the ink and cause it to flow more freely.

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

The combination, in a fountain hand-stamp and canceler combined, of the hollow cylinders or cups A A', connected by block E, and having hollow perforated letters and designs raised on the faces of the cylinders and hollow perforated types inserted in slots therein, with the handles B B', having the air-ducts F F' therein, and hollow elastic hemispheres C C', fitted in and resting beneath the tops of handles B B', all substantially as shown, and for the purposes set forth.

THOMAS BERRIDGE.

Witnesses:

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