

C. V. BRINKERHOFF.

PERFORATING STAMP.

No. 185,285.

Patented Dec. 12, 1876.

Fig. 1.

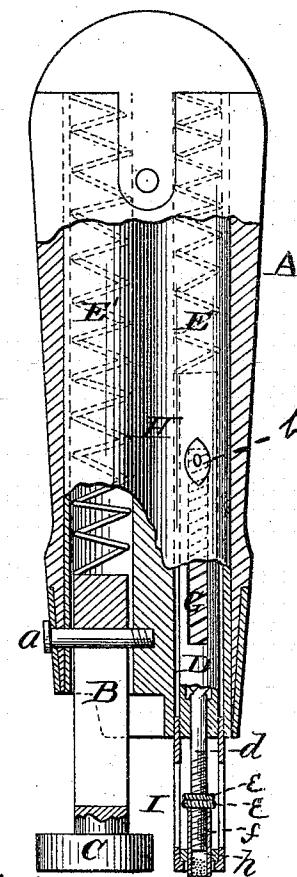


Fig. 3.

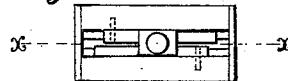


Fig. 4.

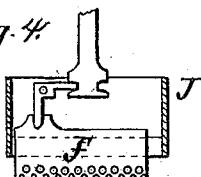
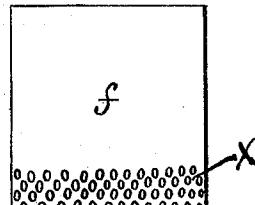


Fig. 2.



WITNESSES

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## IMPROVEMENT IN PERFORATING-STAMPS.

Specification forming part of Letters Patent No. 185,285, dated December 12, 1876; application filed August 29, 1876.

*To all whom it may concern:*

Be it known that I, CHARLES V. BRINKERHOFF, of Mount Clemens, in the county of Macomb, and in the State of Michigan, have invented certain new and useful Improvements in Hand Stamp-Canceler; and do hereby declare that the following is a full, clear, and exact description thereof, reference being had to the accompanying drawings, and to the letters of reference marked thereon, making a part of this specification.

The nature of my invention consists in the construction and arrangement of a stamp-canceling and post-marking device, as will be hereinafter more fully set forth.

In order to enable others skilled in the art to which my invention appertains to make and use the same, I will now proceed to describe its construction and operation, referring to the annexed drawing, in which—

Figure 1 is a section of my stamp-canceling and post-marking device. Fig. 2 is a detailed view of a part thereof. Figs. 3 and 4 show a modification of the same.

A represents the handle, in the lower end of which, near one side, is inserted a stem, B, provided on its outer end with the post-marking device C. The stem B is slotted longitudinally for a suitable distance, and through said slot is passed a bolt or pin, a, to guide and limit the movement of said stem. Within the handle, above the stem, is a spiral spring, E', which forces and holds the stem outward until the device is brought down to mark the letter, when the spring, of course, yields. Within the handle A is also another plunger, D, forced outward by means of a spiral spring, E, as shown. This plunger is hollow, and within the same is a shaft, G, which moves with the plunger, and in addition thereto is rotated by means of a pin, b, passing through a slot in the plunger, and entering a spiral groove in the shaft. The two plungers, with their spiral springs, are placed within a double-barreled metal casing, H, secured in the wooden handle A in any suitable manner. The end of the shaft G forms a screw-rod, d, upon which are two nuts, e, for adjusting the stamp-canceling device. This device consists of a plate, f, which is perforated with a number of rows of small holes, x, arranged as shown in Fig. 2—that is to say, the holes of each row are opposite the spaces between the holes of the

adjoining row on each side. The last row of these perforations is made through the edge of the plate, forming, as it were, a series of teeth. This plate is bent in tubular form, placed on the lower end of the screw-rod d, and held by means of a collar, h, surrounding the tube and feathered to the rod, and then fastened by a set-screw.

In using this device, as it is brought down upon the letter the marker C marks the letter, and at the same time the canceler f, striking the letter, is forced upward and rotated, thereby tearing the stamp, so as to render it unfit for use, or, in other words, effectually canceling the same.

The canceler f can be adjusted upon the rod d as required, and need never be taken off for sharpening, because as it wears down on the edge, before the teeth formed by the first row of holes are entirely worn out, the metal is worn through into the next row of holes, and thus forming a new set of teeth.

The rod d, with its nuts and canceler, is surrounded by a cage, I, screwed upon the lower end of the plunger D, as shown:

Instead of using the canceler in tubular form, it may be used in a straight form, as shown in Figs. 3 and 4. In that case two plates are placed side by side in a box, J, and connected by elbow-levers, or other mechanical devices, in such a manner that when pressed down upon the stamp the plates will not only yield, but also move lengthwise in opposite directions and cancel the stamp.

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

In a hand stamp-canceler, the combination of the perforated canceling-plate f, rotating shaft G, with rod d, plunger D, spring E, and the stem or plunger B, with post-marking device C and spring E', all constructed as described, and arranged for operation within a handle, A, substantially as and for the purposes herein set forth.

In testimony that I claim the foregoing I have hereunto set my hand this 24th day of August, 1876.

CHAS. V. BRINKERHOFF.

Witnesses:

J. M. MASON,

Wm. L. BRAMHALL.