A. DAUL.
Canceling-Stamp.

No. 196,638. Patented Oct. 30, 1877.

Fig. 1.

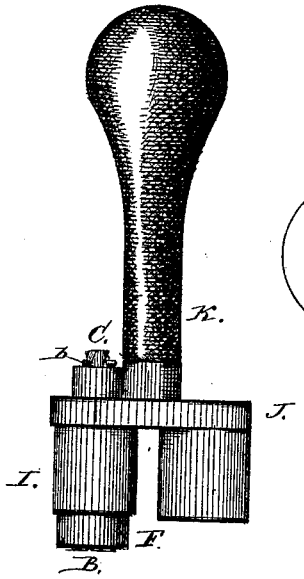


Fig. 4.

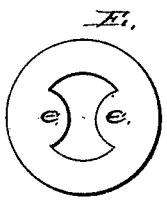


Fig. 2.

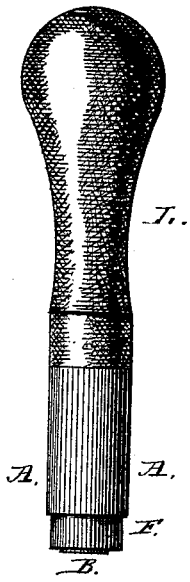
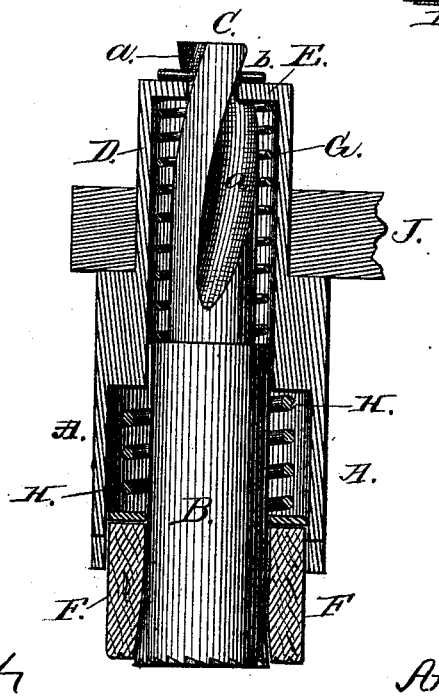


Fig. 3.



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UNITED STATES PATENT OFFICE.

ANTHONY DAUL, OF NEWARK, NEW JERSEY, ASSIGNOR OF ONE-HALF HIS RIGHT TO GEORGE WINCKLHOFER, OF SAME PLACE.

IMPROVEMENT IN CANCELING-STAMPS.

Specification forming part of Letters Patent No. **196,638**, dated October 30, 1877; application filed September 15, 1877.

To all whom it may concern:

Be it known that I, ANTHONY DAUL, of Newark, in the county of Essex and State of New Jersey, have invented certain new and useful Improvements in Stamp-Canceling Devices; and I do hereby declare that the following is a full, clear, and exact description thereof, which will enable others skilled in the art to which it appertains to make and use the same, reference being had to the accompanying drawings, and to letters of reference marked thereon, which form a part of this specification.

The present invention relates to certain improvements in that class of stamp-canceling devices in which the cancellation of the stamp is effected by mechanical and chemical means.

The invention consists, chiefly, in a mechanical canceling device or stamp adapted to be used in connection with the ordinary single or double dating or postmarking stamps, and so arranged that it will normally protrude beyond said postmarking-stamp, and cause the rotation of a central post when it is pressed upon the stamp to be canceled, for causing furrows or radial ribs on said central rotating post to tear or mutilate the stamp.

The canceling-stamp consists, mainly, of an outer shell having a tubular guide-extension, which receives the upper portion of the grooved post, which is turned when the stamp is borne down by projections of the guide-extension entering the grooves in the post.

The shell of the stamp contains a spring-seated cushion-block having a central opening for the passage of the canceling-post.

The details of construction and arrangement will be hereinafter more fully described in connection with the drawing forming part of this specification, in which—

Figure 1 is a side elevation of a combined canceling and postmarking stamp. Fig. 2 is a similar view of a single canceling-stamp. Fig. 3 is a detached view of the canceling device, and Fig. 4 is a top view of the stamp-casing.

The letter A denotes a cylindrical shell, which contains the working parts or the canceling devices proper of the stamp. These consist of a central post, B, having radial grooves, furrows, or cutters on its lower surface, and provided with a spirally-grooved stem, C, which is guided in a tubular extension, D, of the cylindrical shell A. At the upper end of said extension D is located a slotted plate, E, having projecting lips *e*, which enter the spiral grooves *a* in the stem of the canceling-post, and cause thus the rotation of the latter when it is pressed upon a fixed surface, or, in other words, when it is borne down upon the stamp to be canceled.

The shell contains a cylindrical block, F, which is provided with a central opening for the passage of the canceling-post B, the latter serving to retain it in position within the shell by enlarging the lower end of the canceling-post. The latter is passed through the cushion-block from below, and is prevented from dropping out of the casing by means of a pin, *b*, passed through the upper end of the stem of the post. The block F acts as a cushion and ink-distributer, and may be provided with bottom grooves for the proper retention of the ink.

A spiral spring, G, arranged within the tubular extension of the shell, encircles the stem of the canceling-post, and a similar but larger spring, H, is arranged in the space between the top of the cushion-block F and the extension of the shell. These springs serve to project the cushion-block and canceling-post beyond the shell A, as is shown in the various figures of the drawing.

As shown in Fig. 1, my canceling device is applied to an ordinary postmarking-stamp, I designating the stamp, J the apertured supporting-arm, and K the handle.

When the canceling-stamp is used in this connection, it protrudes normally beyond the rigid postmarking-stamp, so that the necessary rotary motion can be given to the canceling-stamp, and both stamps made to perform their respective operations or give their impressions at the same time. In Fig. 2, the canceling-post is fitted into a handle or holder, L, and is used without the postmarking-stamp.

It will be perceived from the above description that my canceling device or appliance is adapted for use in the single as well as in

the double hand-stamps generally used in post-offices, needing only slight changes to fit it properly in place.

The cheapness and simplicity of construction commend my canceling device for universal use, and it is certain to effect a perfect cancellation of the stamp, both mechanically and chemically, at one and the same time, because it rips off or mutilates the color, texture, or surface of the stamp, and causes the same to receive a proper amount of ink, so as to preclude the possibility of the stamp being restored to its original state or used a second time.

Another point of advantage is, that the parts of the canceling device are so few in number and simple in construction that the canceling-post can be easily removed when worn out, and a new one inserted in its place. No fastening devices are employed for holding the working parts in position, except the simple pin passed through the top of the stem.

I am aware that it is not broadly new to construct a stamp-canceling device of a rigid postmarking-stamp and a rotary spring-pressed canceling-stamp normally projecting beyond the postmarking-stamp.

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

The canceling device herein described, consisting of the canceling-post B, having spirally-grooved stem C, enlarged lower end and pin *b*, the cushion-block F, springs G H, cylindrical shell A, having tubular extension D, slotted top plate and lips *e*, and a suitable holder, all constructed and relatively arranged as herein set forth.

In testimony that I claim the foregoing as my own I affix my signature in presence of two witnesses.

ANTHONY DAUL.

Witnesses:
GEORGE WINCKLHOFER,
THEODORE UMBSCHEIDEN.