

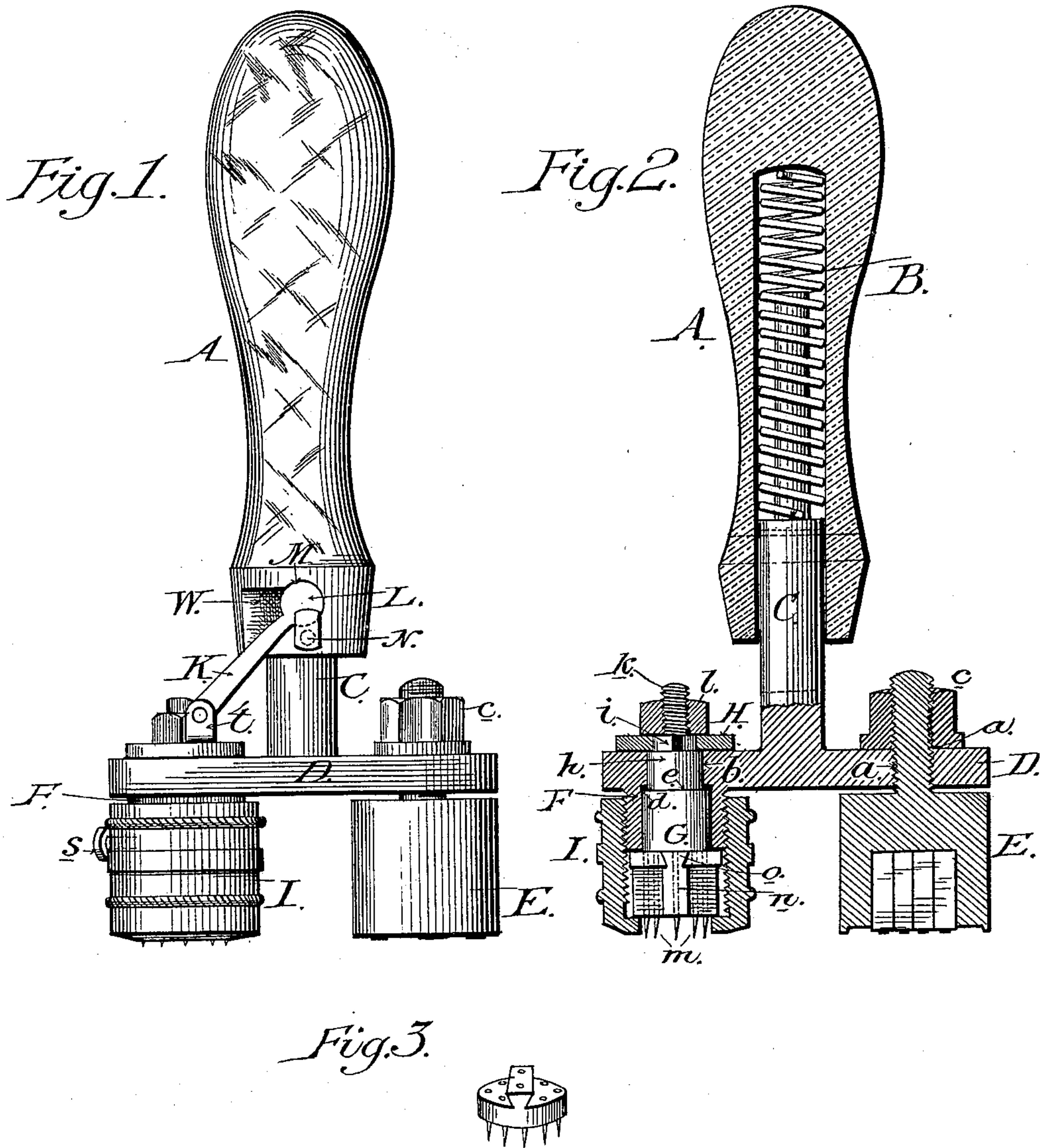
(No Model.)

L. J. M. BOYD.

DATING AND CANCELING STAMP.

No. 390,155.

Patented Sept. 25, 1888.



WITNESSES
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UNITED STATES PATENT OFFICE.

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DATING AND CANCELING STAMP.

SPECIFICATION forming part of Letters Patent No. 390,155, dated September 25, 1888.

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To all whom it may concern:

Be it known that I, L. JAMES M. BOYD, a citizen of the United States, residing at Annapolis, in the county of Anne Arundel and State of Maryland, have invented certain new and useful Improvements in Dating and Canceling Stamps, of which the following is a full and clear description, reference being had to the accompanying drawings, forming part of this specification, in which—

Figure 1 represents a side elevation of a dating and canceling stamp embodying my invention. Fig. 2 is a longitudinal sectional view of the same. Fig. 3 is a detail of a rotating cutter of modified form.

My invention relates to hand-stamps for dating and canceling stamps; and it consists in the peculiar constructions and combinations of devices, which I shall hereinafter fully describe and claim.

To enable others skilled in the art to which my invention appertains to make and use the same, I will now describe its construction and indicate a preferred manner of carrying the same out.

In the said drawings, A represents the handle, within which a spring, B, is seated to bear against and operate the stem C in the usual manner. At the lower end the stem C is provided with a cross-bar, D, having its outer ends perforated with holes *a* and *b*, the former of which is threaded to receive the threaded shank of the dating-die E, whereby said die may have a vertical adjustment to accommodate itself to the knives or cutters of the contiguous canceling device.

To secure the dating-die E in any of its adjusted positions, I use a nut, *c*, which engages the upper end of the threaded stem and bears against the upper surface of the cross-bar, as shown in Fig. 2.

The opposite end of the cross-bar D is provided with a downwardly-projecting hub, F, externally threaded and provided with an internal core whose diameter is slightly larger than the opening *b*, whereby a shoulder is formed at *d* for the spindle of the rotating canceler. This spindle G passes into the core of the hub until its edge *e* abuts against the shoulder *d* and is provided with a reduced cylindrical portion, *h*, which passes through the

opening *b* in the cross-bar. A square portion, *i*, on the spindle G extends above the cross-bar and is fitted in a square socket in a rotating disk, H, to impart rotation to the spindle, while a threaded extension, *k*, of said spindle receives a suitable nut, *l*, to secure the spindle in position.

The knives or cutters *m* are preferably pointed pins, and are slipped through bars or plates *n*, having dovetailed projections, *o*, fitted in similar grooves in the lower face of the spindle, whereby said plates or bars with their attached pins, may be readily removed when desired.

An internally-threaded sleeve, I, is screwed upon the hub F and determines the depth the pins or cutters enter the stamp, care being taken to so regulate the projection of said pins or cutters that their points will not penetrate through the stamp and injure the underlying envelope and its contents. To accomplish this essential feature, the sleeve is adjusted on its threaded hub so that the points of the pins barely extend beyond its lower face; but if increased depth of penetration is required, or if the pins are shortened by wear, &c., the sleeve is screwed upon the hub until the proper adjustment is obtained, which adjustment may thereafter be maintained by a set-screw, *s*, as shown in Fig. 1.

The rotating disk H is provided with a swiveled stud, *t*, in the upper end of which the lower end of an arm or lever, K, is pivotally secured, the upper end of said arm being provided with a circular head, L, loosely seated in a similar socket, M, which opens outward into and forms a part of an angular slot or opening, W, formed in the lower portion of the handle. It will thus be seen that as the handle is depressed it carries with it the arm or lever K, which, acting upon the disk H through the medium of the swiveled stud *t*, imparts rotary movement to the attached spindle and knives or pins to scarify or otherwise destroy the face of the stamp.

By forming the circular head on the arm or lever K and seating the same in a circular socket I am enabled to dispense with a pin or bolt for pivotally securing the upper end of said arm. To so secure said head that it may be readily removed from its socket to discon-

nect the several operative parts of the canceler, I employ a screw or bolt, N, eccentrically mounted in the lower end of the handle, so that its head may be turned upward to confine the upper end of the arm K in its socket and turned downward to release said end and secure its removal.

By reason of the above construction I am enabled to provide a dating and canceling stamp simple and positive in its operation and not liable to injury even with rough usage.

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

1. The combination of a handle, the spring-actuated stem having a cross-bar secured to its lower end, said cross-bar having at one end the threaded opening *a* and at the opposite end the downwardly-extending externally-threaded hub F, the internally-threaded sleeve fitted thereon, a dating-die having a threaded stem adjustable within the opening *a*, a canceling-stamp having a shouldered spindle extending through said hub, a disk fitted to said spindle, and a connection, substantially as described, between said disk and operating-handle, whereby rotary movement is imparted to said canceling-stamp.

2. The combination, with the handle, the spring-actuated stem carrying the cross-bar D, said bar having the hub F, the dating-stamp adjustably secured to said bar, and the sleeve

I, adjustably fitted to said hub, of the canceling-stamp consisting of the spindle G, having the reduced portions *h* and *i* and threaded extension *k*, the plates *n*, fitted to the base of the spindle and carrying the points *m*, a disk fitted to the squared portion *i* of said spindle, and a connection, substantially as described, between the operating-handle and said disk, whereby rotary movement is imparted to said spindle, substantially as specified.

3. The combination, with a dating-die and a rotating spindle carrying cutters, of a handle having a socket and angular slot, an arm working in said slot and having a circular head fitted in the socket, and a disk fixed to the upper end of the spindle and having a swiveled stud for pivotally securing the lower end of said arm, substantially as described.

4. The combination of a handle having a socket and slot, an arm fitted therein and connected at its lower end with the rotating spindle carrying the pins or cutters, a screw or bolt eccentrically mounted to confine the upper end of the bar in its socket and slot, and a spring-actuated stem carrying a cross-bar to which the dating and canceling stamps are attached, substantially as described.

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Witnesses:

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