

J. H. BARLOW & I. TAYLOR.  
Perforating-Stamp.

No. 225,043.

Patented Mar. 2, 1880.

Fig. 1

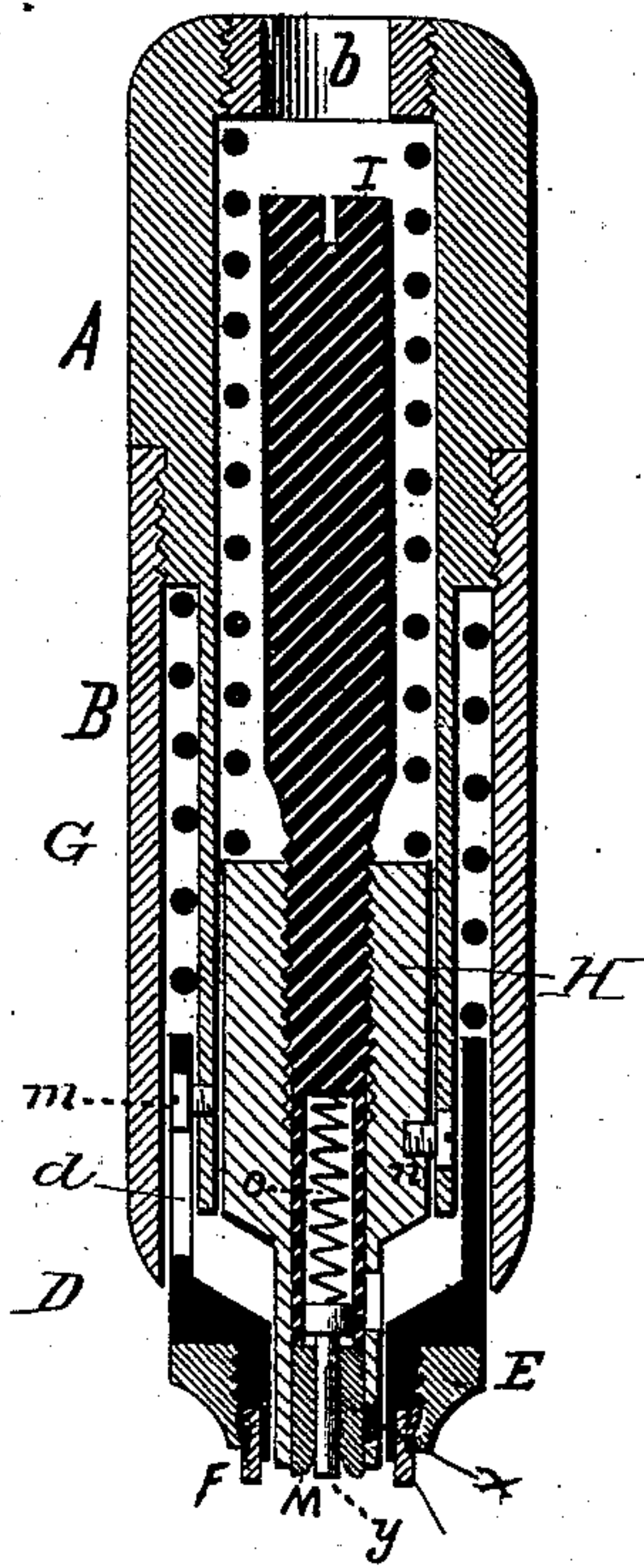


Fig. 3.

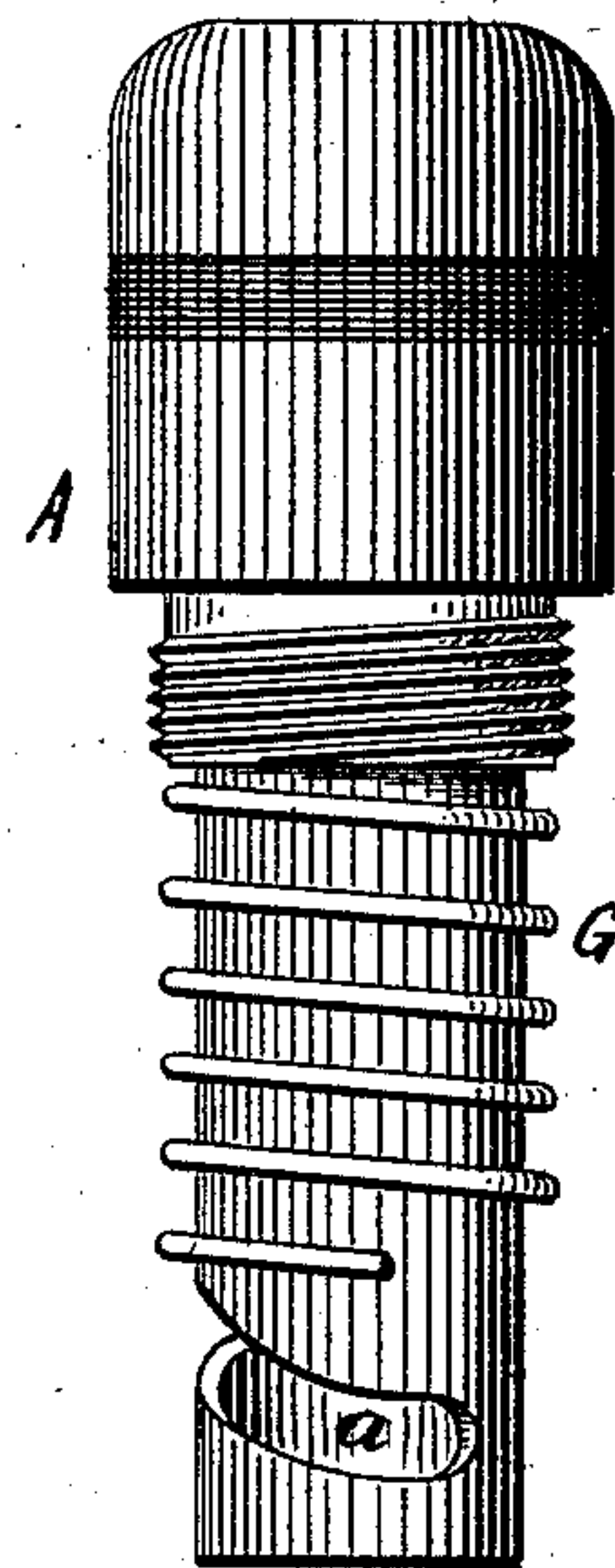


Fig. 2.

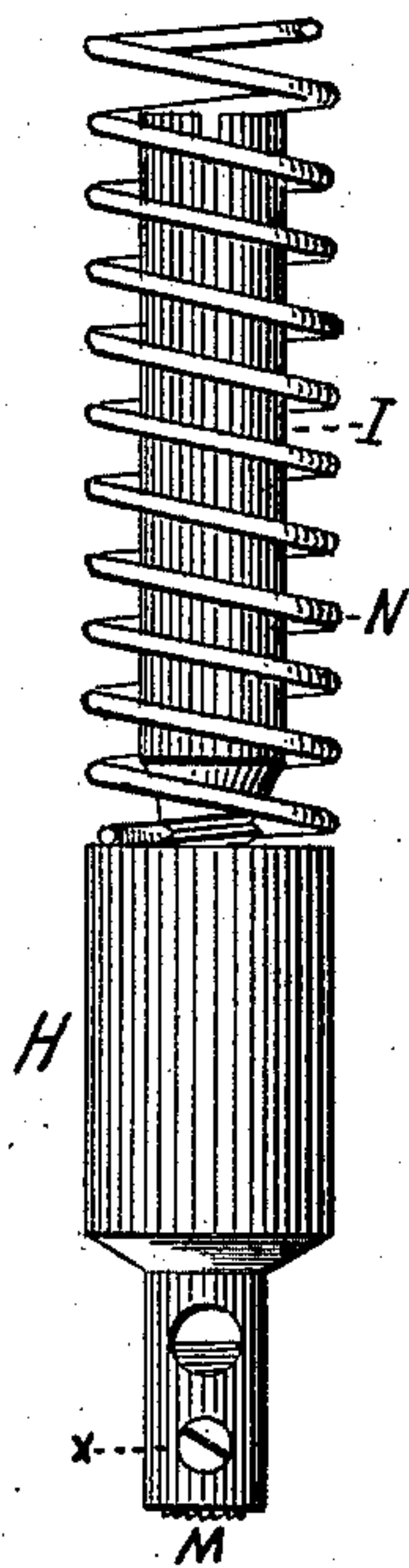
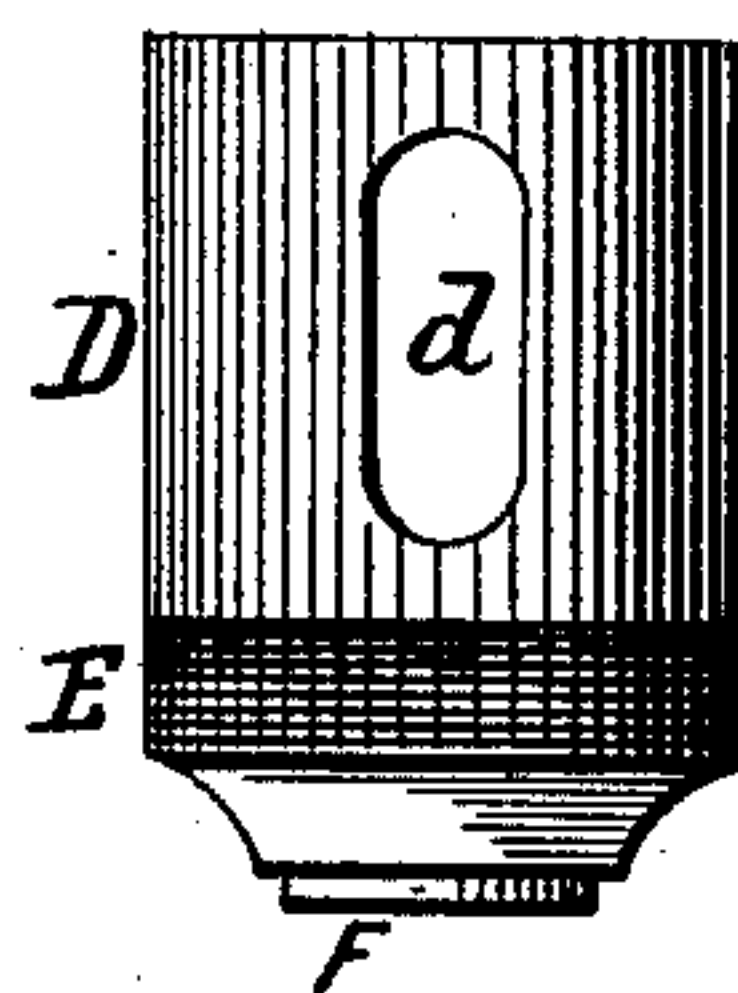


Fig. 4



WITNESSES.

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# UNITED STATES PATENT OFFICE.

JOHN H. BARLOW AND ISAAC TAYLOR, OF NEW HAVEN, CONNECTICUT.

## PERFORATING-STAMP.

SPECIFICATION forming part of Letters Patent No. 225,043, dated March 2, 1880.

Application filed November 6, 1879.

*To all whom it may concern:*

Be it known that we, JOHN H. BARLOW and ISAAC TAYLOR, both of New Haven, in the county of New Haven and State of Connecticut, have invented certain new and useful Improvements in Stamp-Cancelers, of which the following is a specification.

Our invention relates to stamp-cancelers; and the improvements consist of a short slotted cylinder provided with a cap clamping an elastic holder to the cylinder, of devices for adjusting the cutter and detaching the stamp, and of new combinations, as the above are hereinafter more fully set forth and claimed.

In the drawings, which we hereby make a part of this specification, Figure 1 is a vertical section through the center of the instrument, showing all its parts. Fig. 2 shows the cutter and the means for holding and adjusting the same. Fig. 3 shows the main part or body, to which all the other parts are directly or indirectly attached. Fig. 4 is a view of a short cylinder, its cap on one end clamping the elastic holder to the cylinder.

To enable others to make and use our improved instrument, we will describe its parts and their operation.

A, the main part or body, to which all the other parts are directly or indirectly attached, is a hollow cylinder having the spiral slot *a* near its lower end and the two enlargements on its upper end, as shown in Fig. 3. Into its upper end a perforated nut, *b*, is screwed to form a bearing for a spiral spring. The screw *m*, Fig. 1, is inserted into this part, the head of which fits into the slot in the cylinder D and limits its movement.

The part B (shown in section in Fig. 1) is also a hollow cylinder, screws onto the smaller enlargement on the body A, and corresponds in size with the greater enlargement.

D (shown in Fig. 4 and in section in Fig. 1) is a short hollow cylinder, having the slot *d* to limit its movement by means of the screw *m*, Fig. 1, in the body A, and the cap E, Figs. 1 and 4, clamping the elastic holder F to the cylinder. This cylinder fits on the body A, as shown in section in Fig. 1, and is forced outward by the spiral spring G. (Shown in Fig. 3 and in section in Fig. 1 by dots.) The holder F is made of india-rubber or other elastic ma-

terial. By virtue of its elasticity every part of the end or face of the holder will press on the stamp to hold it if the instrument is not held in a position exactly vertical. The face may be inked, and the instrument will cancel with ink as well as in the manner hereinafter described.

The cylinder H, Figs. 1 and 2, fits in the perforation through the body A, is free to move in the same, and has its lower end made in the form shown in Fig. 2. It is perforated lengthwise and has the upper part of the perforation threaded. Into the cylinder H the screw *n*, Fig. 1, is inserted, the head of which moves in the spiral slot *a*, Fig. 3, and limits the longitudinal movement of the cylinder. Into the upper and threaded part of the cylinder the lower and threaded part of the rod I is turned, its end coming against the cutter M to adjust the same.

The spiral spring N (shown in Fig. 2 and in Fig. 1 by dots) surrounds the rod I, its end coming against the cylinder H and nut *b*, Fig. 1, and pressing the cylinder outward or downward.

The cutter M is held in the cylinder H by the screw *x*, Fig. 2, has teeth on its lower end, as shown in the same figure, and is adjusted, the screw *x* being loosened, to cut the required depth by the rod I. The rod I has a perforation in its lower end, as shown in the sectional figure, into which the spiral spring *o* is inserted, which presses upon the pin *y*, passing through and below the cutter, to detach the stamp from the cutter in case the stamp adheres to its teeth.

The parts being constructed and arranged as described, the holder, whether arranged in a machine or held in the hand, as the instrument descends presses on the stamp, and the cylinder to which it is clamped is pushed into the instrument until the cutter strikes the stamp, and the spiral groove, acting on the screw in the cylinder holding the cutter, rotates it and cancels the stamp. As the instrument is raised, the pin, passing through and below the cutter, detaches the stamp from the cutter in case it adheres to its teeth.

What we claim as new, and desire to secure by Letters Patent, is—

1. The body A, having the screw *m*, spiral

spring G, cylinder D, provided with the cap E and slot *d*, and elastic holder F, projecting beyond the cutter M, all the said parts constructed and in combination to hold the stamp  
5 while the cutter cancels it, as shown and set forth.

2. The herein-described stamp-canceler, consisting of the body A, provided with the nut *b*, screw *m*, and spiral slot *a*, part B, cylinder  
10 D, having the slot *d*, cap E, elastic holder F, spiral spring G, cylinder H, having the screw

*n* and removable cutter M, held in the cylinder by the screw *x*, spiral spring N, rod I, spiral spring *o*, and pin *y*, all the said parts constructed and in combination as shown and  
15 set forth.

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Witnesses:

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