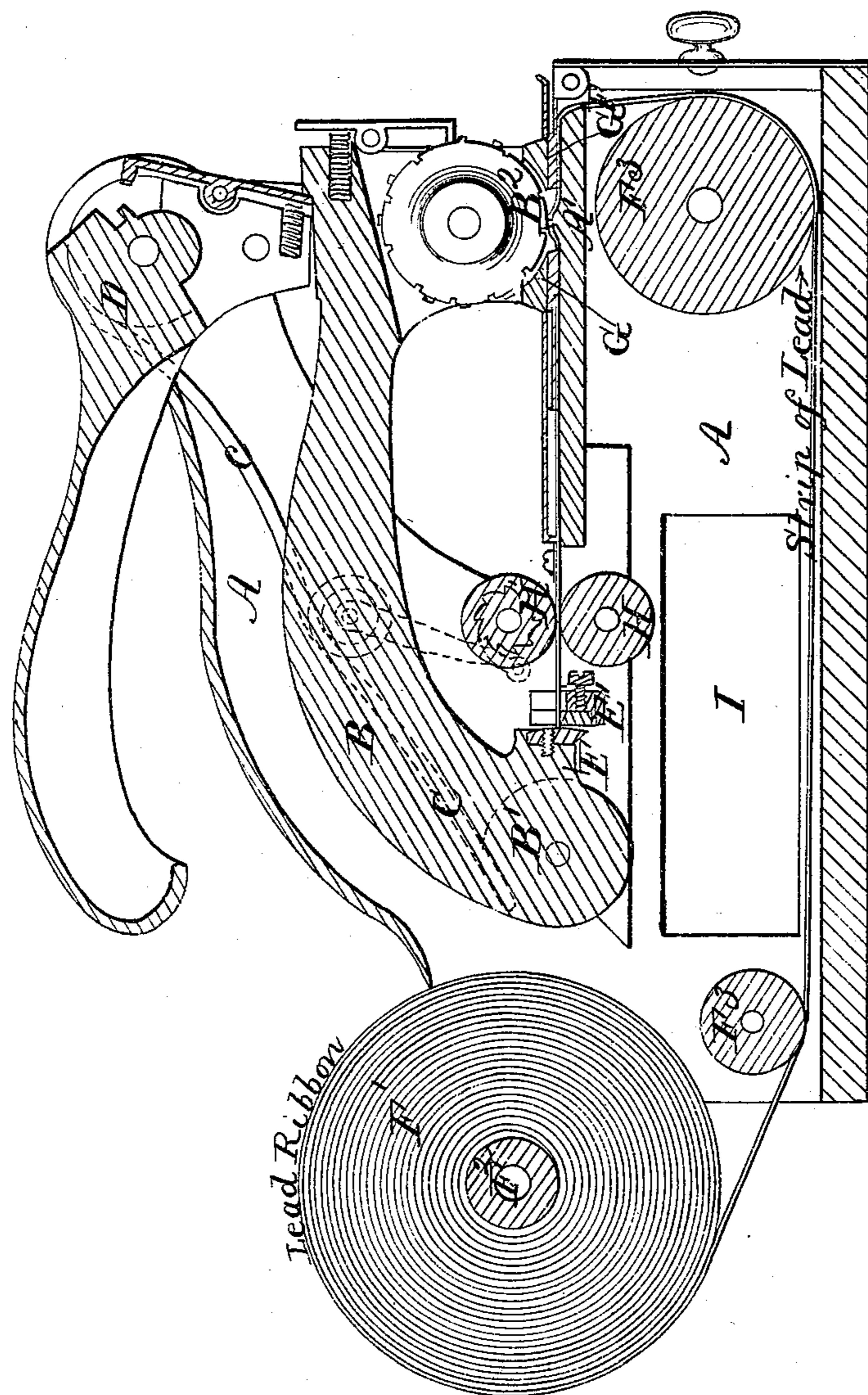


H. W. Dorr.
Canceling Stamp.
N^o 105,052. Patented Jul. 5, 1870.



Witnesses
Michael J. Harp
William Fox.

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H. WILLIAM DOPP, OF BUFFALO, NEW YORK, ASSIGNOR TO HIMSELF AND JAMES E. THOMSON, OF SAME PLACE.

Letters Patent No. 105,052, dated July 5, 1870.

IMPROVEMENT IN STAMP-CANCELERS.

The Schedule referred to in these Letters Patent and making part of the same.

I, H. WILLIAM DOPP, of Buffalo, in the county of Erie and State of New York, have invented a new Device for Canceling Adhesive and other Stamps; and I do hereby declare that the following is a full, clear, and exact description thereof, reference being had to the accompanying drawing and the letters of reference marked thereon.

The nature of my invention consists in cutting or punching the characters of the date, day, month, and year, clear out and through the paper stamp, and document to which the stamp may be attached, by the application of male dies or punches of the shape of the characters, as desired, the same to operate in combination with a strip of soft metal, pasteboard, or other suitable material, so that the stamp to be canceled is to be placed between the male punches and the soft metal, pasteboard, or other suitable material, and the said punches to punch through the paper stamp, and document into the soft metal or pasteboard, in order to dispense with corresponding female dies.

I refer to the drawing which makes part of the following specification, and in which a canceling-machine is represented in a longitudinal section.

Letter A is the main body or frame of the machine.

B is the die-wheel lever. It is secured to frame A at B¹ by means of two pivots set-screws, and is provided with two wire springs, C, one on each side.

These springs have for their object bringing or raising the lever up again after it has been depressed by the action of the lever and eccentric D.

B is also provided with a cutter, E, which makes, in conjunction with cutter E¹, a pair of shears, for the purpose of cutting up the strip of soft metal or pasteboard that has already served for the punching or cutting of characters at B².

B² is a set of wheels, having on their faces raised figures, of such shape as to answer for cutting through several sheets of paper whenever B is depressed by means of D.

F is a tape of soft metal or pasteboard, of about forty feet in length, which is wound up to a roll of about four inches in diameter, which roll is secured upon a mandrel, F², and to the rear part of frame A. Said tape runs from F¹ over two guide-rollers, F³ F³, up to the bed A¹, and along underneath the embossing-plate G. Of said embossing-plate a portion is cut

out in the center, so as to expose the tape F to the figures or punches of wheels B².

The bed at A¹ is somewhat raised, so that the tape F will be about even with the top of the embossing-plate G, as plainly seen.

The tape F is grasped by two feed-rollers, H and H', of which H' is fluted or roughened on its periphery, in order to impinge better upon tape F, and to secure a more reliable feed; it is also provided with a ratchet-wheel and pawl and connecting-rod, by means of which motion is transferred from lever B, as plainly illustrated by dotted lines in the drawing.

The roller H is smooth on its periphery and not in direct connection with H'; it acts more as a support and anti-friction roller than as feed-roller.

F is pulled along successively the length of one figure or of wheels B², so that the figures or punches of B² will always meet a blank spot on the tape not yet defaced by the action of the punches, whenever the the same are depressed to produce a new cancellation.

It will be observed that as the feed-rollers H and H' pull the tape along, it will run into the shears E, and be cut up successively as the tape feeds along, in order to get rid of the portion of the tape F already used; the chips to drop down into a receiving-box, I, from where they may be removed whenever it becomes necessary.

Claim.

Having thus fully described my invention,

What I desire to secure to me by Letters Patent is—

For the purpose of producing a canceling-stamp, that will cut or punch characters out and through a paper stamp, check, or other documents, without the application of corresponding female dies and punches, the soft metal, pasteboard, or other suitable strip of material, in combination with male dies or punches, automatically fed forward, substantially as described, and as and for the purposes set forth.

H. WILLIAM DOPP.

Witnesses:

MICHAEL J. STARK,
WILLIAM FOX.