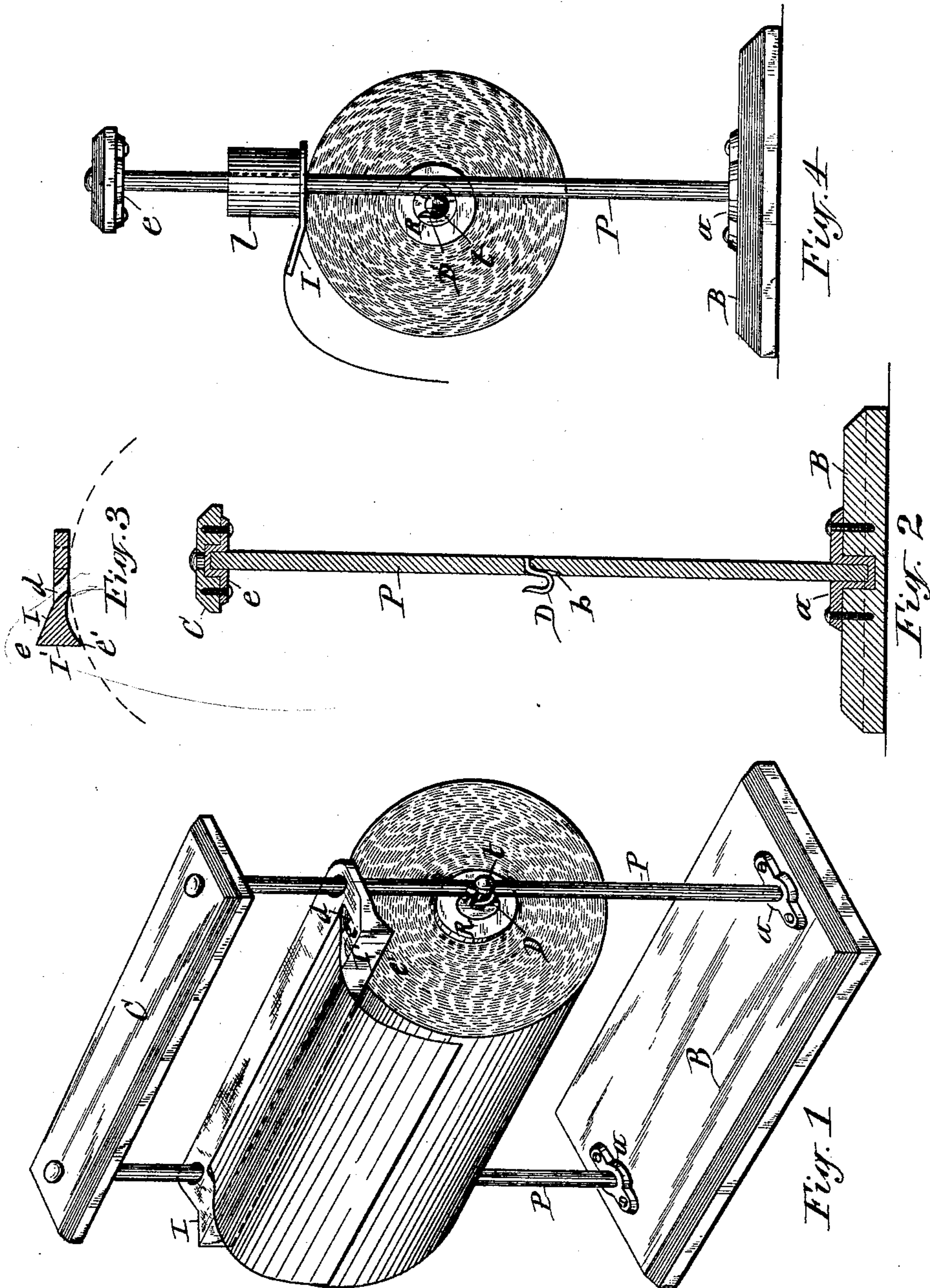


(No Model.)

E. E. LAKEY.
ROLL PAPER HOLDER AND CUTTER.

No. 434,668.

Patented Aug. 19, 1890.



WITNESSES:

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UNITED STATES PATENT OFFICE.

ELMER E. LAKEY, OF GROTON, NEW YORK.

ROLL-PAPER HOLDER AND CUTTER.

SPECIFICATION forming part of Letters Patent No. 434,668, dated August 19, 1890.

Application filed November 11, 1889. Serial No. 329,878. (No model.)

To all whom it may concern:

Be it known that I, ELMER E. LAKEY, of Groton, in the county of Tompkins, in the State of New York, have invented new and useful Improvements in Paper Holders and Cutters, of which the following, taken in connection with the accompanying drawings, is a full, clear, and exact description.

This invention relates to the class of paper holders and cutters in which a roller with webs of paper wound upon it is axially supported on standards or posts, and a cutting-plate is guided on said posts and rests by gravity on the paper wound on the aforesaid roller.

The invention consists in an improved construction and combination of parts constituting a roll-paper holder and cutter, which is simple in construction, adapted to be readily taken apart and packed conveniently for transportation, and when in use it is very convenient and efficient in its operation, all as hereinafter more fully described, and specifically set forth in the claims.

In the annexed drawings, Figure 1 is a perspective view of a paper holder and cutter embodying my improvements. Fig. 2 is a longitudinal section of one of the posts and its connection with the base and top plate or cap. Fig. 3 is a transverse section of the cutting-plate, and Fig. 4 is a side view of a modification of my invention.

Similar letters of reference indicate corresponding parts.

B represents the base upon which the paper holder and cutter is mounted. To said base are rigidly secured two socket-plates *a a*, in which are removably stepped the posts P P, which consist, preferably, of cylindric metal bars fitted snugly in the sockets of the plates *a a*. On the upper ends of the said posts is mounted a cap C, to which are rigidly attached two socket-plates *e e*, in which the upper ends of the posts are fitted closely but removably.

To the front of each of the posts P P is rigidly secured a hook D, the attaching-shank of which is inserted in a perforation extending transversely through the post. In the front of the post is a groove *b* extending from the perforation part way downward, and in said groove rests the back of the hook portion,

and thus the hook is prevented from turning on the post.

In the two hooks D D are placed the trunnions *t t* on the roller R, on which the paper is wound. Said roller is thus axially supported and pivoted on the posts, and is also readily mounted on its said supports and as readily removed therefrom when desired.

I denotes the paper-cutter, consisting of a metal plate which is perforated at each end and is slipped by the perforations onto the posts from the upper ends thereof, said plate sliding freely on the posts and resting by gravity on the paper-roll. This cutting-plate is formed with a slot *d* extending lengthwise thereof, and in front of this slot the said plate is formed with a vertical enlargement I' and with cutting-edges *e* and *e'* on the top and bottom thereof, said enlargement adding the necessary weight to the plate.

In operating the cutter the paper may be passed under the entire width of the cutter and severed by means of the cutting-edge *e'* on the bottom of the enlargement I'; but by passing the paper under the rear portion of the plate I, then up through the slot *d* and over the top of the enlargement I', the upper cutting-edge *e'* is employed for severing the paper, and this method is preferred, inasmuch as it leaves the end of the roll of paper in a convenient position for drawing out the paper from the roll.

I do not, however, wish to be limited specifically to the aforesaid form of the cutter, inasmuch as the plate may be of a uniform thickness and the portion in front of the slot may be bent upward and formed with the cutting-edge *e*, as shown in Fig. 4 of the drawings. To hold this plate with the requisite pressure on the paper-roll, two separate weights *l l* are to be applied to the top of the plate, said weights being provided with perforations by which they slide on the posts P P.

It will be observed that in either case the apparatus can be readily taken apart by removing the roller R and cap C from the posts P P and withdrawing the latter from the socket-plates of the base B, and then the separated parts can be packed conveniently for transportation.

Having described my invention, what I

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

1. The knock-down paper-holder consisting of the base B, having affixed to it the socket-plates *a a*, the posts P P, stepped removably in said socket-plates and provided with the hooks D D, and the plate C, provided with the socket-plates *c c* and seated thereby removably on the upper ends of the aforesaid posts, substantially as described and shown.

2. The combination of the post P, provided with a transverse perforation and with the longitudinal groove *b* extending from said perforation, and the hook D, having its attaching-shank inserted in said perforation and the hook portion resting with its back in the groove *b*, substantially as described and shown.

3. In combination with the posts and roller,

the cutting-plate I, formed in one piece, and with the slot *d*, substantially as described and shown.

4. In combination with the posts and roller, the plate I, formed in one piece, and with the slot *d* and cutting-edge *e* in front of said slot, substantially as described and shown.

5. In combination with the posts and roller, the plate I, formed with the slot *d*, and with the vertically-enlarged portion I' in front of said slot, and with the cutting-edges *e* and *e'* on the top and bottom of said enlarged portion, substantially as described and shown.

In testimony whereof I have hereunto signed my name this 6th day of November, 1889.

ELMER E. LAKEY. [L. S.]

Witnesses:

CHARLES NEWTON,
WM. WILLIAMS.