

(No Model.)

J. T. HOYT.
PAPER HOLDER.

No. 579,092.

Patented Mar. 16, 1897.

Fig. 1.

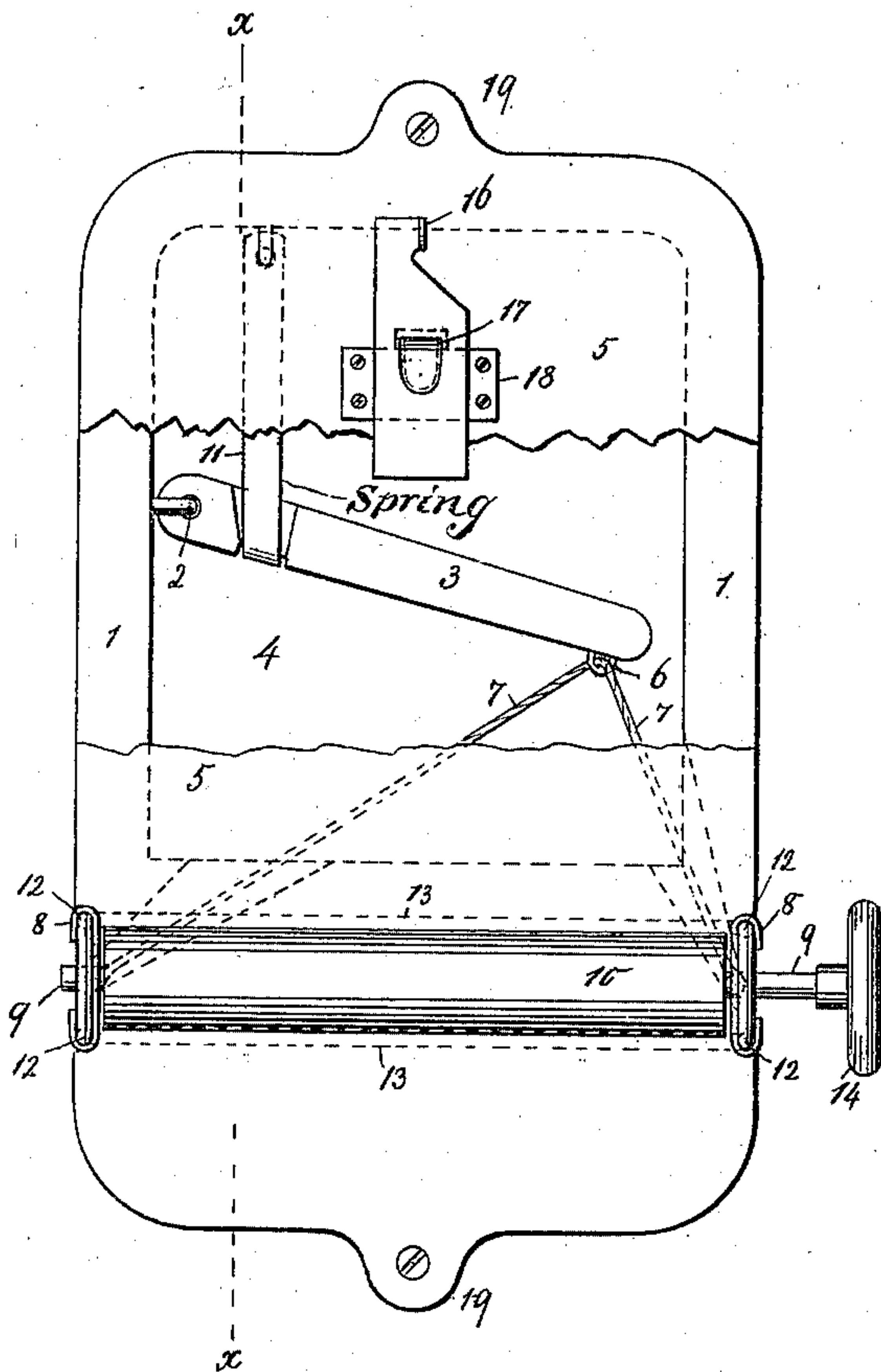
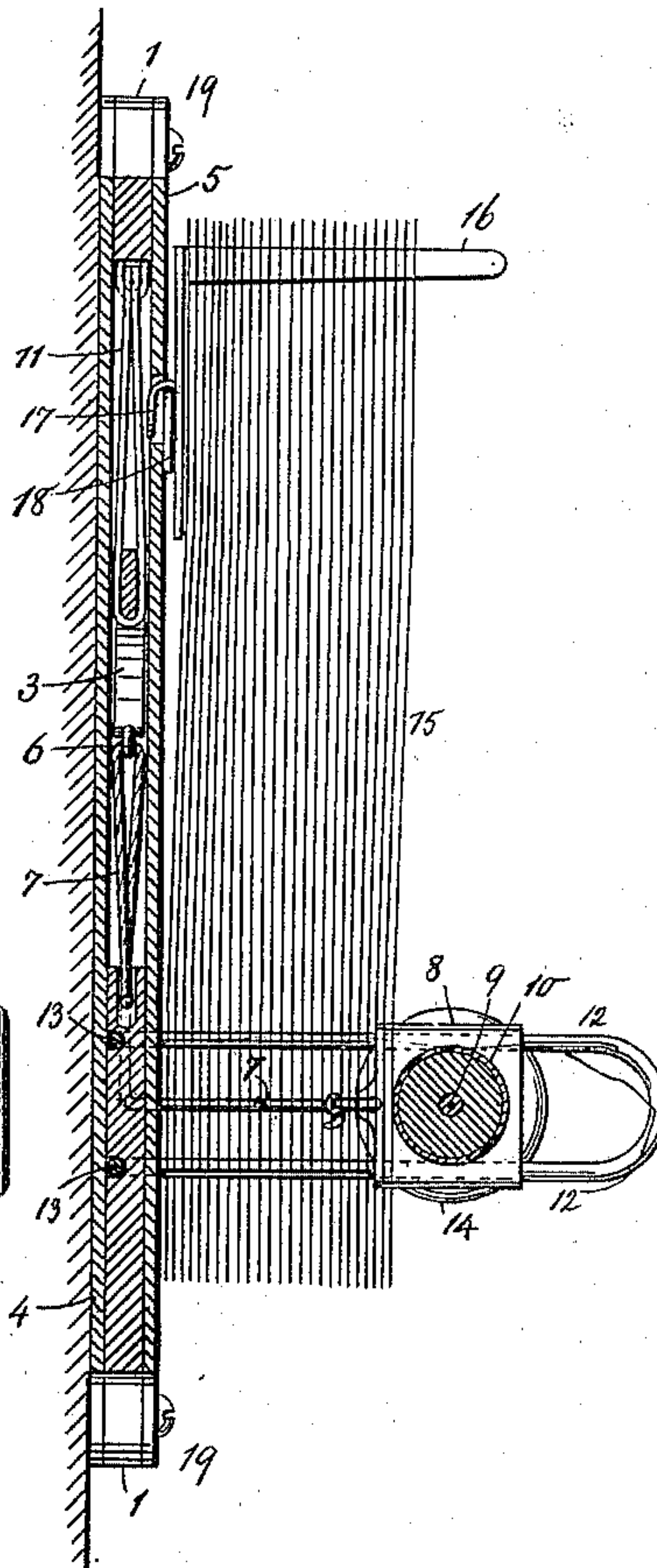


Fig. 2.



WITNESSES:

E. Wolff.
Chas. E. Doeringer.

INVENTOR:

James T. Hoyt.

BY

Haupt & Haupt
ATTORNEYS.

UNITED STATES PATENT OFFICE.

JAMES T. HOYT, OF NEW YORK, N. Y.

PAPER-HOLDER.

SPECIFICATION forming part of Letters Patent No. 579,092, dated March 16, 1897.

Application filed June 25, 1896. Serial No. 596,922. (No model.)

To all whom it may concern:

Be it known that I, JAMES T. HOYT, a citizen of the United States, residing at New York, in the county and State of New York, have invented new and useful Improvements in Paper-Holders, of which the following is a specification.

The object of this invention is to provide a holder for packs of paper, which holder can be made neat and cheap and which is convenient of operation; and the invention resides in the novel features of construction set forth in the following specification and claims and illustrated in the annexed drawings, in which—

Figure 1 is a face view of the holder, parts being broken away. Fig. 2 is a sectional side elevation of Fig. 1.

A frame 1 is formed of sufficiently rigid material, such, for instance, as metal, wood, or pasteboard. In this frame or support 1 at 2 is fulcrumed lever 3. Covers or plates 4 and 5, as, for example, sheets of pasteboard, are riveted or secured to opposite faces of the frame 1 and inclose the lever 3, but the frame 1 is of such thickness that the covers 4 and 5 are held clear or away from lever 3, swinging between the covers.

The lever 3 has a hook or eye 6, through which runs loosely or slidingly a cord or flexible connection 7. This cord 7 is connected to bearing-blocks 8 for the shaft 9 of roller 10. This lever 3, under influence of spring 11, draws on cord 7 to move the bearing-blocks 8, with roller 10, toward frame 1. The bearing-blocks are movable along or slidingly clasp the guides 12, readily formed by bending a wire into loops, forming the guides 12, the part or parts 13 of the wire extending across and being secured to frame 1. The roller 10 can be rotated by handle or button 14. The roller 10 being drawn by hand away from frame 1 a sufficient distance, a pile or package of paper or sheets can be placed between the roller and the frame 1 or cover 5, and the roller when released will be drawn by spring 11 against the paper. The sheets are pierced by or suspended from a hook or prong 16, having a hook or catch 17, which, being engaged to a suitable eye 18 in cover 5, will hold the sheets 15 suspended. The rotation of roller 10 by handle 14 in the proper direction will

take or tear off the sheets one by one or a few at a time from the pile and from prong 16. By this arrangement the feed-roller 10 is free to be moved away from frame 1 a sufficient distance to insert a pack or pile, and the spring 11 engaging lever 3 near the fulcrum 2 the free end of the lever can move a considerable distance without appreciable variation in the tension of the spring. The pressure of roller 10 on the pile is thus practically uniform no matter whether the pile is thick or thin, and at the same time by employing a proper spring the pressure of the roller on the pile is to be avoided, as by such excessive pressure the rotating roller would take or strip off too many sheets at once.

Eyes or attaching portions 19 can serve for screwing or suspending or suitably attaching the holder to the wall or other locality.

By having the shaft 9 rotating or fitting loosely in the bearing-blocks 8 jamming or stoppage of rotation of the roller cannot occur even if the roller should not be level or parallel to base 1, and the roller can be easily raised by hand or drawn away from base 1 for the insertion of paper or sheets.

If seen fit, the lever 3 might be omitted and spring 11 or a number of springs attached directly to the flexible connection 7, but the lever arrangement is considered preferable. The lever 3 can be fulcrumed on a cover 4 or 5 instead of on the frame, and the journal-guides may be attached to a cover instead of to the frame. All such modifications are within the scope of the invention.

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

1. A paper-holder, consisting of a frame having means for suspending a package of paper, guides extending from said frame, bearing-blocks supported by and slidable upon said guides, a feed-roller journaled in said bearing-blocks and moving therewith, a cord having its ends connected with the bearing-blocks, and a spring acting upon the cord to slide the bearing-blocks and press the feed-roller against the package of paper, substantially as described.

2. A paper-holder, consisting of a frame, having means for supporting a package of paper, guides extending from said frame, bearing-blocks carried by and slidable upon

said guides, a feed-roller journaled in the bearing-blocks, a cord having its end connected with the bearing-blocks, a pivoted lever engaging the cord, and a spring acting
5 upon the lever to hold the cord under tension, substantially as described.

3. A paper-holding frame or support provided with movable roller-bearings, a friction or feed roller mounted in the bearings, and a
10 spring-actuated lever fulcrumed in the frame, said bearings being connected by a cord or flexible connection loosely connected to the lever substantially as described.

4. A paper-holder, consisting of a frame,
15 wire guides secured to and projecting hori-

zontally from said frame, slidable bearing-blocks having bent portions engaging the wire guides and movable thereupon, a feed-roller journaled in the bearing-blocks, and spring-actuated devices for sliding the bearing-blocks on said wire guides, substantially
20 as and for the purposes described.

In testimony whereof I have hereunto set my hand in the presence of two subscribing witnesses.

JAMES T. HOYT.

Witnesses:

WM. C. HAUFF,

E. F. KASTENHUBER.