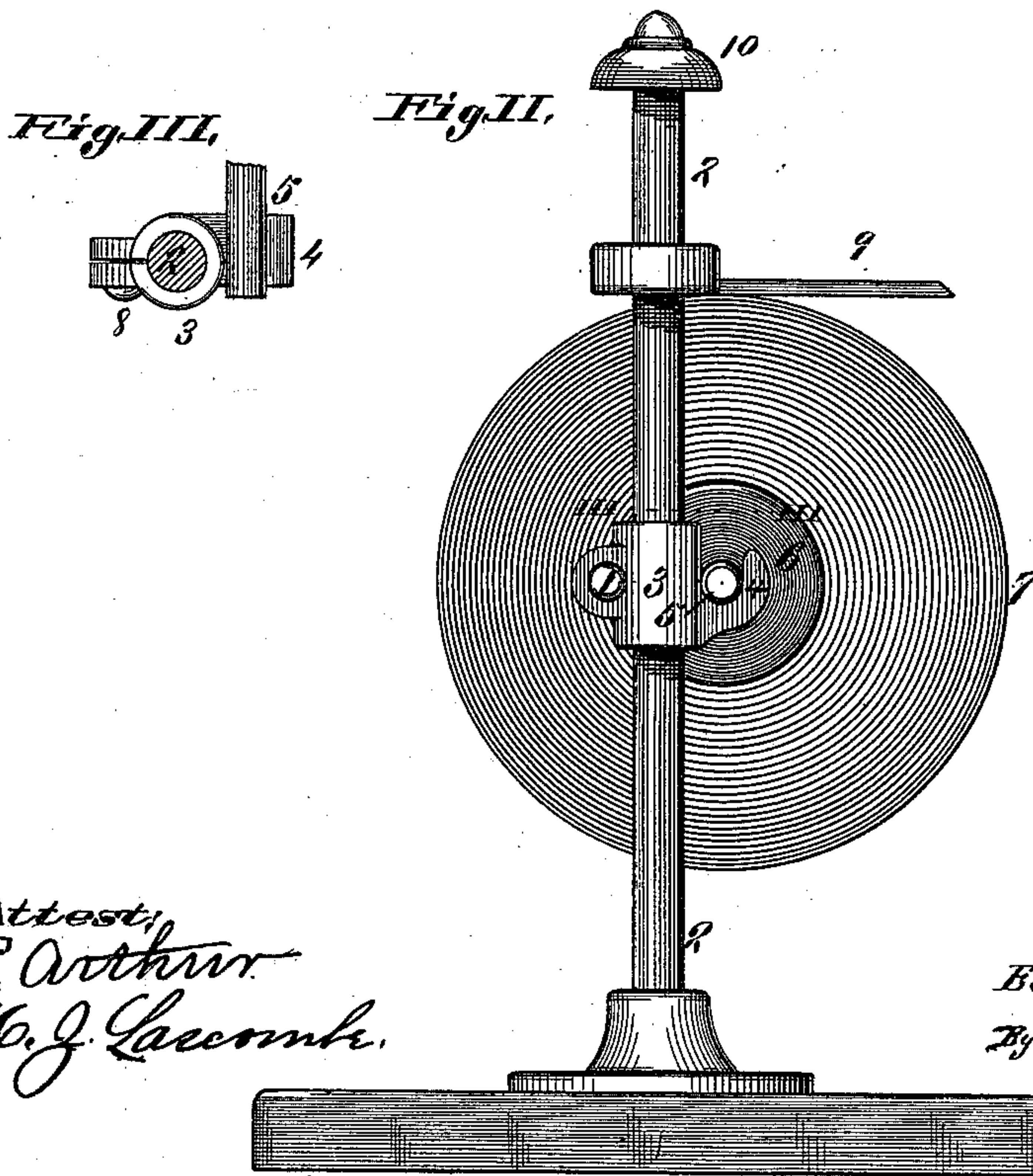
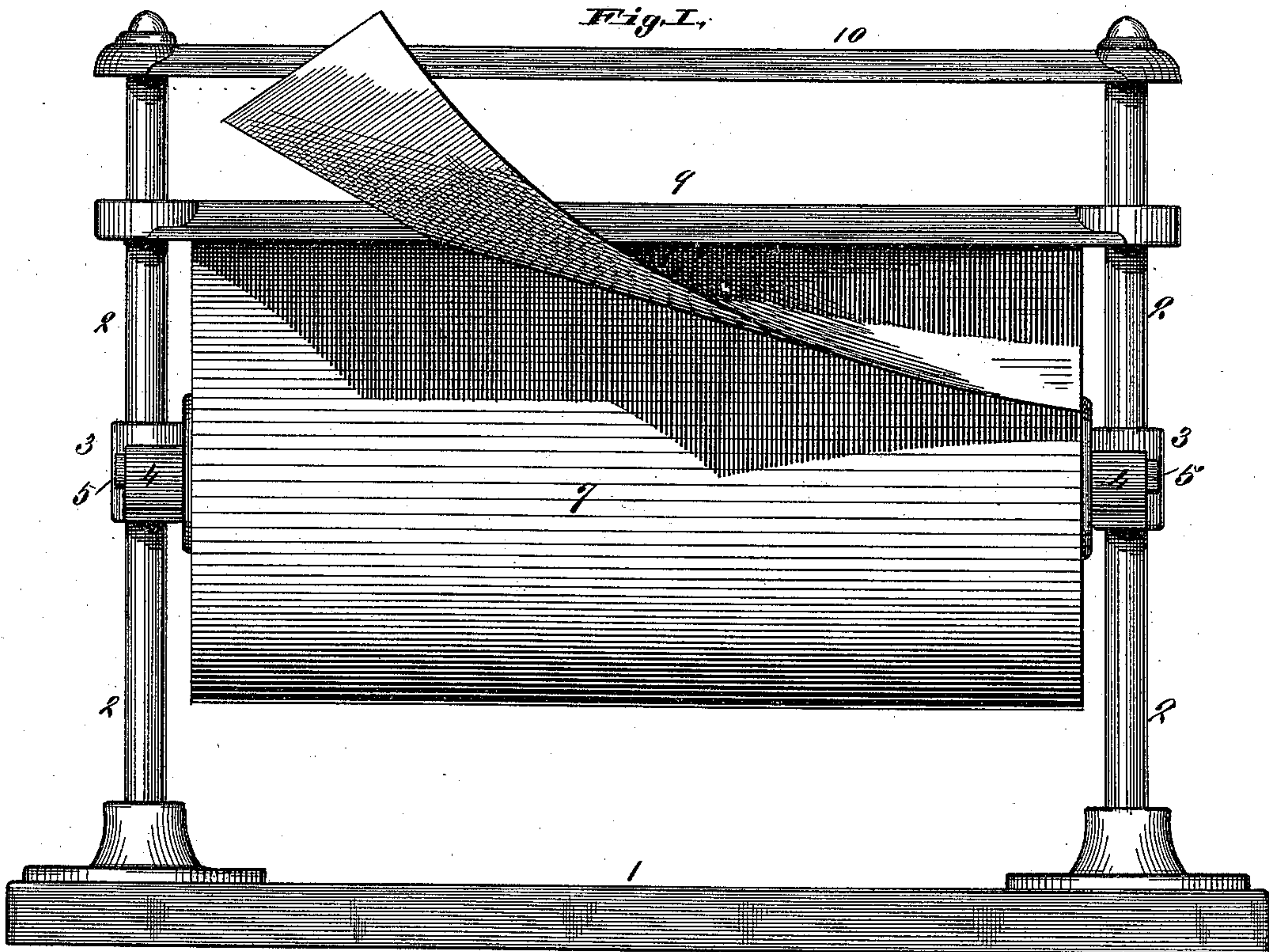


(No Model.)

E. HOTCHKISS.
ROLL PAPER HOLDER AND CUTTER.

No. 408,621.

Patented Aug. 6, 1889.



Attest,
E. Arthur
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Inventor:
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UNITED STATES PATENT OFFICE.

EDWARD HOTCHKISS, OF ST. LOUIS, MISSOURI, ASSIGNOR TO THE AMERICAN
ROLL PAPER COMPANY, OF SAME PLACE.

ROLL-PAPER HOLDER AND CUTTER.

SPECIFICATION forming part of Letters Patent No. 408,621, dated August 6, 1889.

Application filed June 30, 1888. Serial No. 278,613. (No model.)

To all whom it may concern:

Be it known that I, EDWARD HOTCHKISS, of the city of St. Louis, in the State of Missouri, have invented a certain new and useful Improvement in Roll-Paper Holders and Cutters, of which the following is a full, clear, and exact description, reference being had to the accompanying drawings, forming part of this specification, and in which—

Figure I is a front elevation of my improved machine. Fig. II is an end view. Fig. III is a detail section taken on line III III, Fig. II.

My invention relates to an improved machine for holding and cutting wrapping-paper; and it consists in features of novelty hereinafter fully described, and pointed out in the claims.

Referring to the drawings, 1 represents a suitable base, to which are secured end posts or standards 2. The posts are preferably made round in cross-section, and secured to them are bearings 3, having hooks 4, to receive the journals 5 of the roller 6, upon which the paper 7 is wound. These bearings are preferably secured to the posts or standards in such a manner that they may be moved up or down to raise or lower the roll of paper, and thus regulate its height. They are thus secured by being made in the form of clamps formed of slotted sleeves and having screws 8, by which they may be tightened on the posts to hold them to any desired adjustment.

9 represents the knife. It consists of a wide bar perforated at its inner corners to receive the posts 2, which hold it from horizontal and rocking movement, but which permit it to move freely in a downward direction, as the size of the roll is decreased, on the removal of the paper. The knife thus bears against the roll of paper constantly. The knife is made quite broad, as shown in Fig. II, its cutting-edge projecting beyond the point of contact of the knife with the roll of paper 7, and the paper is cut off by moving it upwardly against the edge of the knife, as shown in Fig. I. By having the cutting-edge of the knife situated thus a distance from the posts 2, upon which it moves, it will be understood that any upward pressure on the outer edge of the knife will merely tend to bind the knife on the posts and will not tend to move it bodily in a vertical direction.

10 represents a bar, which may be used for connecting the posts or standards 2 at top and which would be removable to allow the knife to be applied.

I claim as my invention—

1. In a roll-paper holder and cutter, the combination of the posts or standards, a roll of paper, and vertically-movable bearings for securing the roll of paper to the standards, substantially as and for the purpose set forth.

2. In a roll-paper holder and cutter, the combination of the posts or standards, a roll of paper, and vertically-movable bearings consisting of slotted sleeves and tightening-screws, substantially as and for the purpose set forth.

3. In a roll-paper holder and cutter, the combination, with a roll and frame supporting the roll, of a horizontal knife mounted on the frame by bearings that will prevent its rocking, feeding by gravity, resting upon the roll, and having an edge against which the paper is cut in an upward direction and which projects beyond the point of contact of the knife with the roll, whereby cutting-pressure on the knife binds it to prevent its removal from the roll, as explained.

4. The combination, with the freely-suspended roll of paper, of a floating weighted cutter-bar held by gravity alone against the periphery of said roll and having a cutting-edge removed from the point of contact between said bar and roll, whereby said cutter-bar is caused to act as a friction-brake to the roll to adapt itself automatically to the size and contour of the roll and to serve as means for severing the free end of the paper when the latter is pulled upward against it, substantially as described.

5. A roll-paper holder and cutter embodying supports in which to suspend a roll of paper, a weighted cutter-bar for bearing by gravity alone upon the suspended roll of paper and having a cutting-edge removed from its contact or bearing point against which the paper is adapted to be separated by an upward draw upon it, and guides on which the cutter-bar works, substantially as described.

EDWARD HOTCHKISS.

In presence of—

GEO. H. KNIGHT,
BENJN. A. KNIGHT.