

(No Model.)

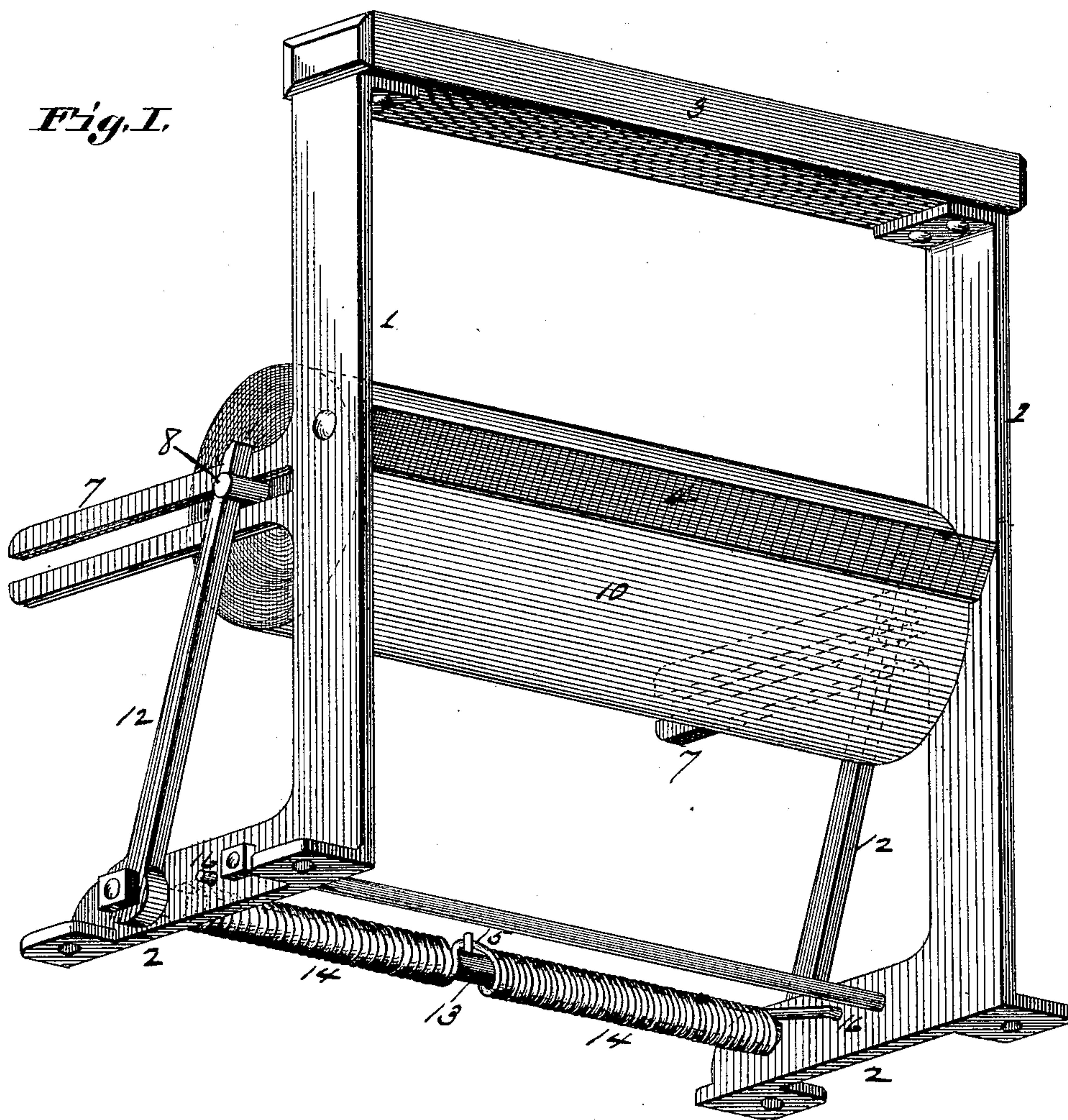
F. W. DROSTEN.

PAPER CUTTER.

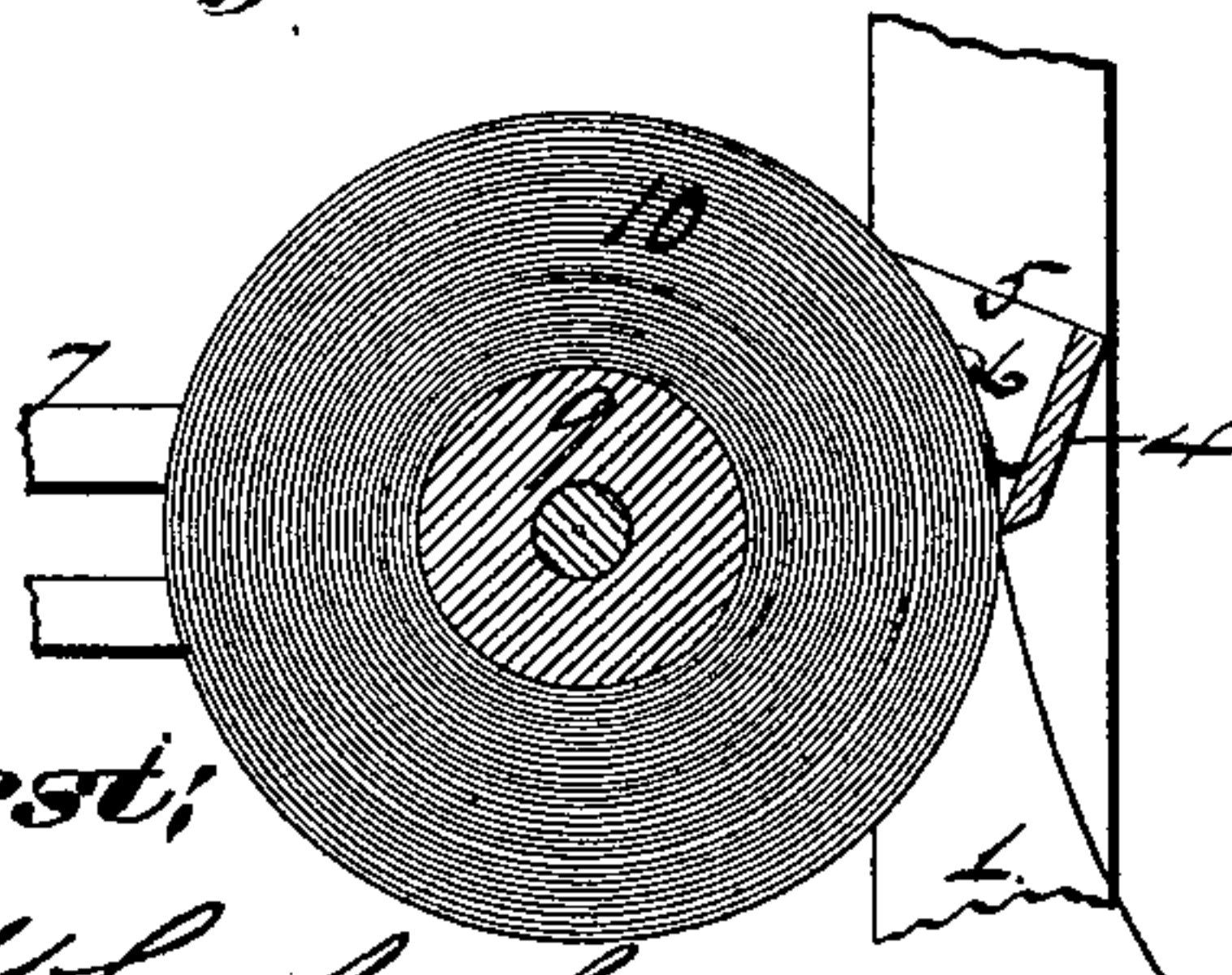
No. 366,939.

Patented July 19, 1887.

*Fig. I.*

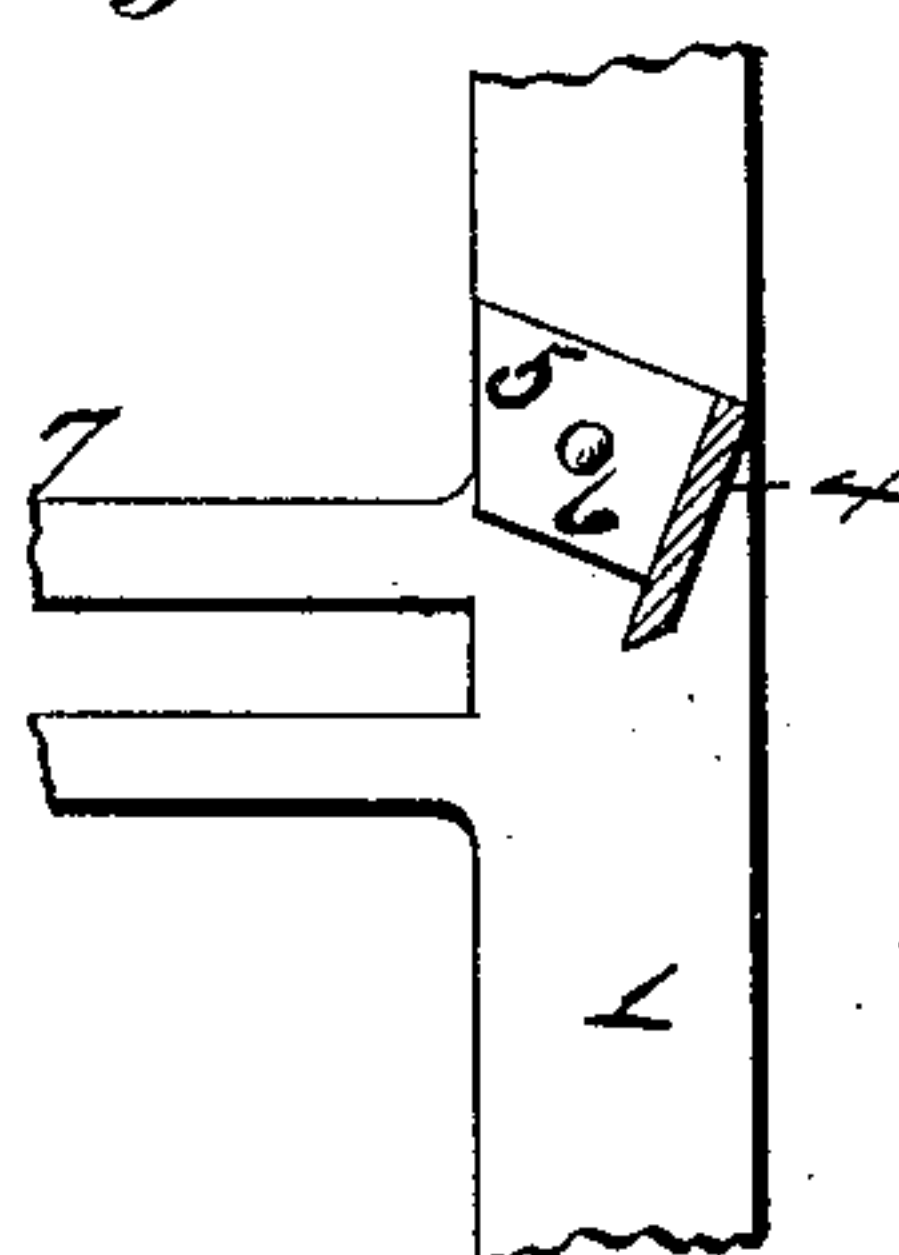


*Fig. II.*



*Attest;*  
*Geo. L. Wheelock*  
*Emma Arthur.*

*Fig. III.*



*Inventor;*  
*Fred. W. Drost*  
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*Atty*



# UNITED STATES PATENT OFFICE.

FREDERICK W. DROSTEN, OF ST. LOUIS, MISSOURI.

## PAPER-CUTTER.

SPECIFICATION forming part of Letters Patent No. 366,939, dated July 19, 1887.

Application filed April 5, 1887. Serial No. 233,753. (No model.)

*To all whom it may concern:*

Be it known that I, FREDERICK W. DROSTEN, of the city of St. Louis, in the State of Missouri, have invented a certain Improvement in Paper-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 perspective view of my improved cutter. Fig. II is a transverse section through the paper roll and the knife, showing part of the frame. Fig. III is a similar view to Fig. II, except that the paper roll is removed.

My invention relates to an improved paper-cutter for store use and the like; and my invention consists in features of novelty hereinafter fully described, and pointed out in the claims.

Referring to the drawings, 1 represents a suitable frame, which may be provided with a base, 2, by which it may be secured to a support, and preferably provided with a cross-piece, 3, at top, by which it is strengthened.

4 represents a knife secured to the frame, preferably about midway of its height and preferably located on an incline, as shown in Figs. II and III. I have shown it secured to the frame by means of end lugs, 5, through which pass rivets 6.

7 represents slotted arms extending from one side of the frame at or nearly in line with the knife, and which receive the gudgeons or journals of the roller 9, upon which the paper 10 is wound.

When a piece of paper is to be removed the roll is turned and the paper drawn out, as shown in Fig. II, and then by pulling it against

the edge of the knife the portion that is drawn out will be cut from the roll.

As the roll is reduced in size, it is moved up against the stationary knife 4 by means of arms 12, bearing against the gudgeons 9 and secured to a rock-shaft, 13, journaled in the frame 1 and provided with a spring, 14, by which it is turned to press the arms against the gudgeons 8, the spring preferably being made in one part and secured to the shaft at 15 in the center, and it is secured to the frame at its ends, as shown at 16. The roller is thus moved up as the size of the roll is reduced, and by simply pulling outward on it it can be removed from the frame and another inserted, the arms 12 yielding to the pressure and allowing the roll to be removed.

I am thus enabled to use a stationary knife instead of a movable one, as has heretofore been used, which provides a better cutting-edge, as the same is rigid and not yielding.

I claim as my invention—

1. In a paper-cutter, the combination of a frame, a stationary knife secured to the frame, slotted extensions 7, paper-roller 9, provided with gudgeons fitting in the slots in the extensions, arms 12, rock-shaft 13, to which the arms are secured, and spring 14, substantially as and for the purpose set forth.

2. In a paper-cutter, the combination of the frame, fixed knife, movable roller, and means for automatically moving the roller forward as the paper is removed, substantially as and for the purpose set forth.

FRED. W. DROSTEN.

In presence of—

GEO. H. KNIGHT,  
JOSEPH WAHLE.