

(No Model.)

L. EHRLICH.

PAPER CUTTER.

No. 393,626.

Patented Nov. 27, 1888.

Fig. I,

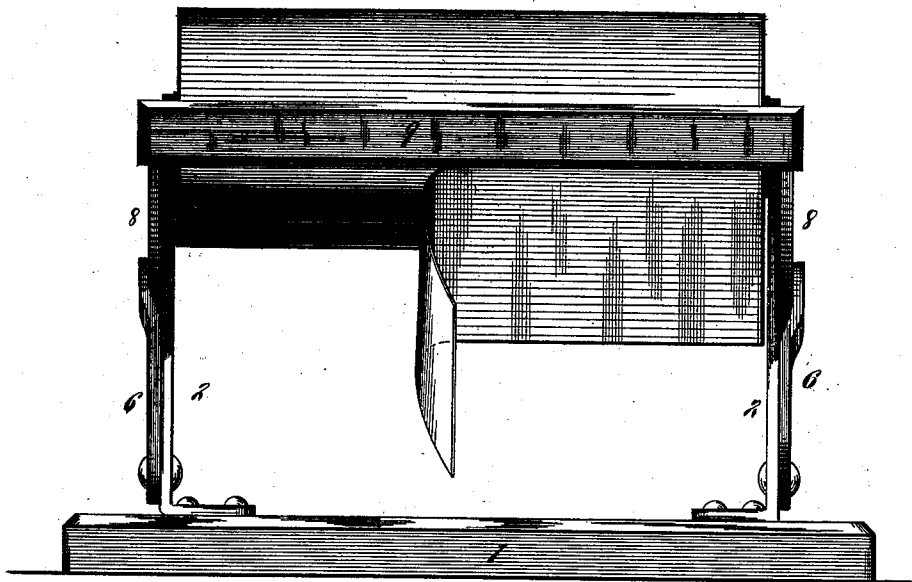
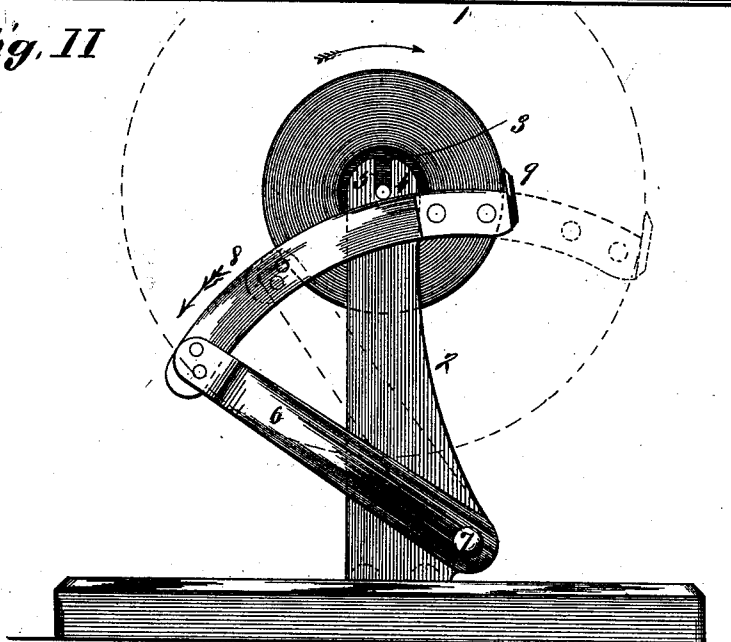


Fig. II



Attest:

*Charles Pickles,
G. A. Henschman Jr.*

Inventor:

Leo Ehrlich,

*By Knight B. ...
attys*

UNITED STATES PATENT OFFICE.

LEO EHRLICH, OF ST. LOUIS, MISSOURI, ASSIGNOR TO THE AMERICAN ROLL PAPER COMPANY, OF SAME PLACE.

PAPER-CUTTER.

SPECIFICATION forming part of Letters Patent No. 393,626, dated November 27, 1888.

Application filed March 12, 1888. Serial No. 266,999. (No model.)

To all whom it may concern:

Be it known that I, LEO EHRLICH, of the city of St. Louis, in the State of Missouri, have invented a certain new and useful 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 front elevation of my improved paper-cutter. Fig. II is an end view.

My invention relates to an improvement in paper-cutters; 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 base, and 2 end pieces secured to the base.

3 represents the roller having journals 4 fitting in notches 5 in the end pieces.

6 represents arms pivoted at 7 to the end pieces, and to the upper ends of these arms are secured segments 8, to the outer ends of which is secured the knife 9. The journals 4 bear on the segments 8, as shown in Fig. II, and the action of them upon the segments serves to move the segments and arms 6 from the position shown in dotted lines to the position shown in full lines, Fig. II, as the paper is removed. As the roller is turned in drawing

out a piece of paper, the turning of the journals on the segments tends to move the latter in the direction of the arrow, and the drawing of the paper against the edge of the knife in the act of cutting tends to press the knife against the periphery of the roll. I prefer to pivot the arms 6 forward of the center of gravity of the roller 3, as shown in Fig. II, as better results, I believe, are thus obtained by utilizing the gravity of the arms and segments which carry the knife. The end pieces form supports for the roller, and their construction

of course may be varied without departing from the spirit of my invention.

I do not claim herein a roll-paper holder and cutter having a knife held in position against the roll of paper by the weight of the roll. This effect does not occur with my machine herein described, and I make this disclaimer for the purpose of avoiding conflict with certain other machines in which the above-stated effect is produced.

I claim as my invention—

1. In a paper-cutter, the combination of a support, roller, pivoted arms, segments upon which the roller bears, and knife secured to the segments, substantially as set forth.

2. In a paper-cutter, the combination of the support, roller fitting in notches on the support, arms pivoted to the support, segments secured to the free ends of the arms, and upon which the roller bears, and knife secured to the outer ends of the segments, substantially as and for the purpose set forth.

3. In a paper-cutter, the combination of the support, arms pivoted to the support, segments secured to the arms, knife secured to the segments, and a roller bearing on the segments, the point of connection between the arms and support being to one side of the center of gravity of the roller, substantially as set forth.

4. In a paper-cutter, the combination of the base, end pieces secured to the base and forming supports, rollers having journals fitting in notches of the end pieces, arms pivoted to the end pieces, segments secured to the arms, and knife secured to the segments, substantially as and for the purpose set forth.

LEO EHRLICH.

In presence of—
EDWD. S. KNIGHT,
JOS. WAHLE.