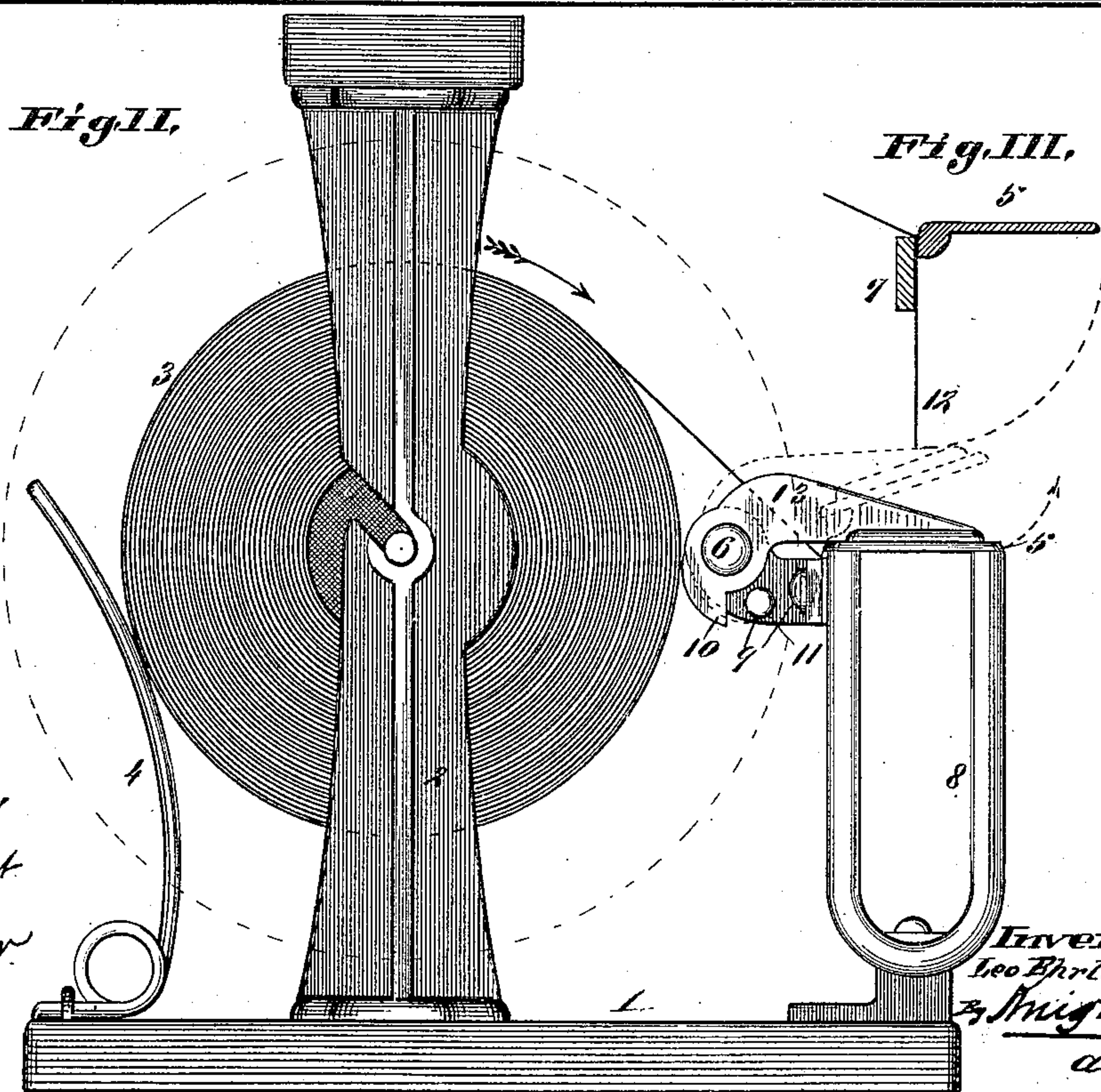
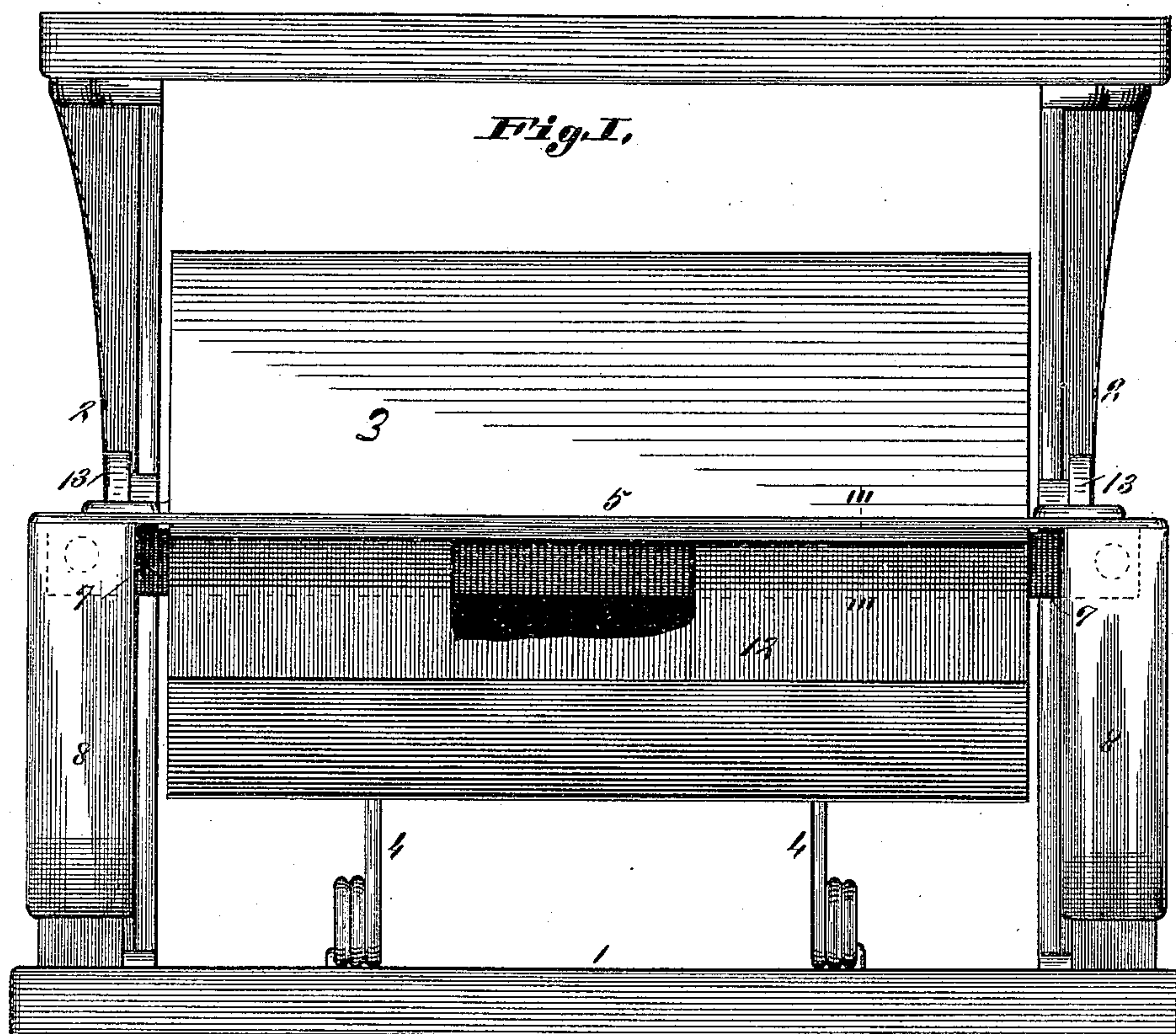


(No Model.)

L. EHRLICH.
PAPER CUTTER.

No. 407,518.

Patented July 23, 1889.



Attest:
Saml. F. Knight
E. Arthur

Inventor:
Leo Ehrlich
S. Knight Pro
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. 407,518, dated July 23, 1889.

Application filed October 6, 1888. Serial No. 287,438. (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, in which—

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

My invention relates to an improvement in devices for holding and cutting wrapping-paper 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 base; 2 represents end pieces or standards; and 3 represents the paper-roll having journals fitting in the standards, as usual.

4 represents a spring-brake for preventing the too easy rotation of the paper-roll, or, in other words, to give the turning of the roll the proper tension.

5 represents the knife, consisting, preferably, of a flat bar, as shown in Figs. II and III. It is pivoted at 6, and when in its normal position the paper is held between it and the bar 7. (See Fig. III.)

8 represents permanent magnets secured to the base 1, or to another suitable support. To the upper ends of these magnets the bar 7 is secured, and also lugs 9, to which the knife 5 is pivoted at 6, as stated. The knife 5 has spurs 10, which come against projections 11 on the lugs 9 to prevent the too far upward movement of the knife.

When a piece of paper is wanted, it is drawn

through by taking hold of the free edge 12, (see Fig. III,) the knife tilting upward, as shown in dotted lines in Fig. II. When the paper has been cut off, the knife is attracted by the magnets 8 and pulled downwardly, and holds the end of the paper between it and the bar 7.

The knife consists of a bar or plate extending all the way across the paper and having at each end an inwardly-extending portion 13, by which it is pivoted to the lugs 9.

I prefer to use a magnet 8 at each end of the roll.

I claim as my invention—

1. In a paper-cutter, the combination of a paper-roll, a suitable support for the roll, a knife, and a magnet, substantially as and for the purpose set forth.

2. In a paper-cutter, the combination of the paper-roll, a suitable support for the roll, magnet, a knife, and a bar between which and the knife the paper passes, substantially as set forth.

3. In a paper-cutter, the combination of a paper-roll, a suitable support for the roll, magnets, a knife pivoted to the magnets, and a bar secured to the magnets, all substantially as and for the purpose set forth.

4. In a paper-cutter, the combination of a paper-roll, a suitable support for the roll, magnets, bar 7, secured to the magnets, lugs 9 on the magnets, projections 11 on the lugs 9, knife 5, having extension 13, and spurs 10 on the extensions, substantially as set forth.

LEO EHRLICH.

In presence of—

OCTAVIUS KNIGHT,
HERVEY S. KNIGHT.