

(No Model.)

L. EHRLICH.

PAPER CUTTER.

No. 390,073.

Patented Sept. 25, 1888.

Fig. I,

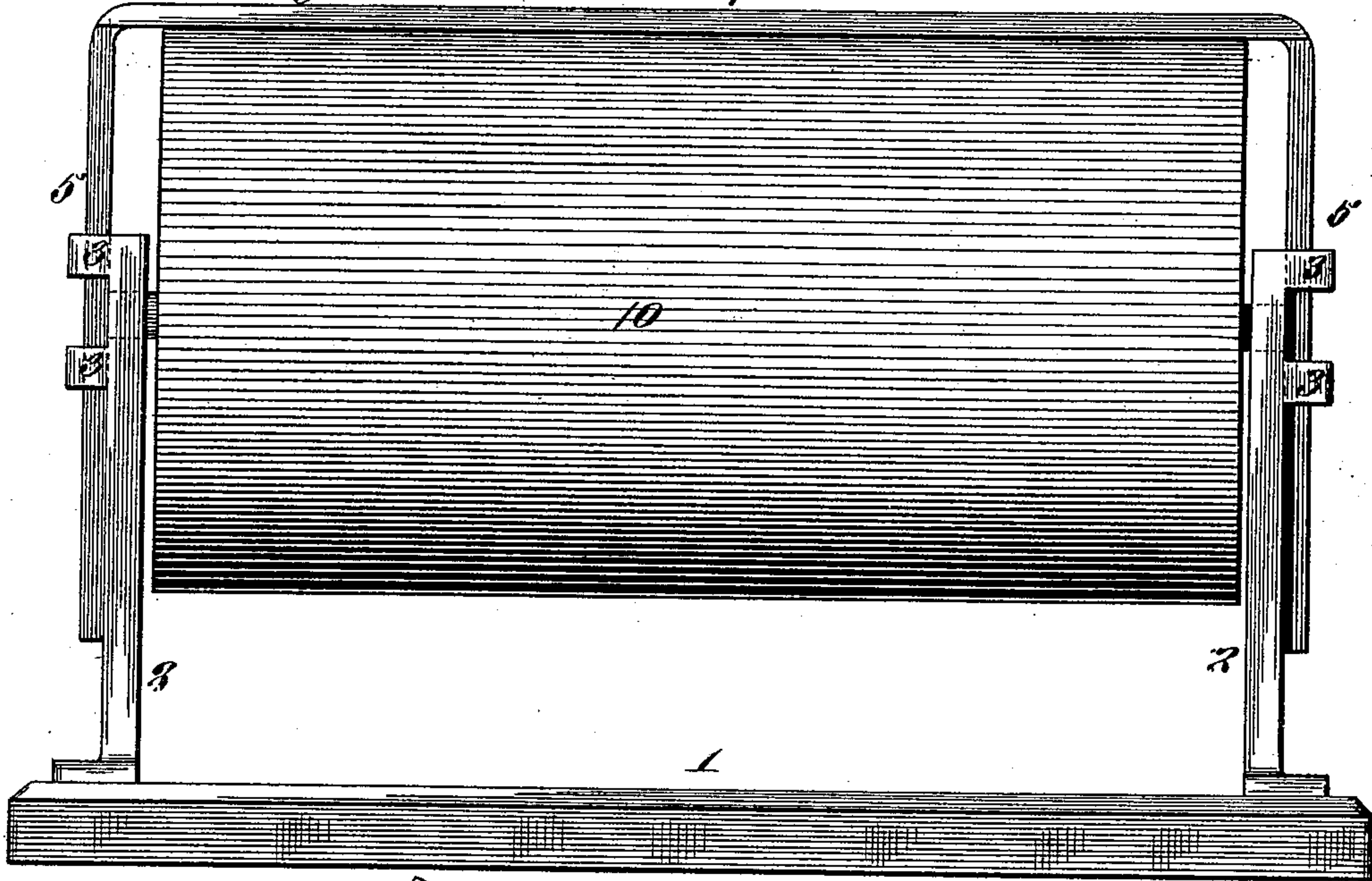


Fig. II,

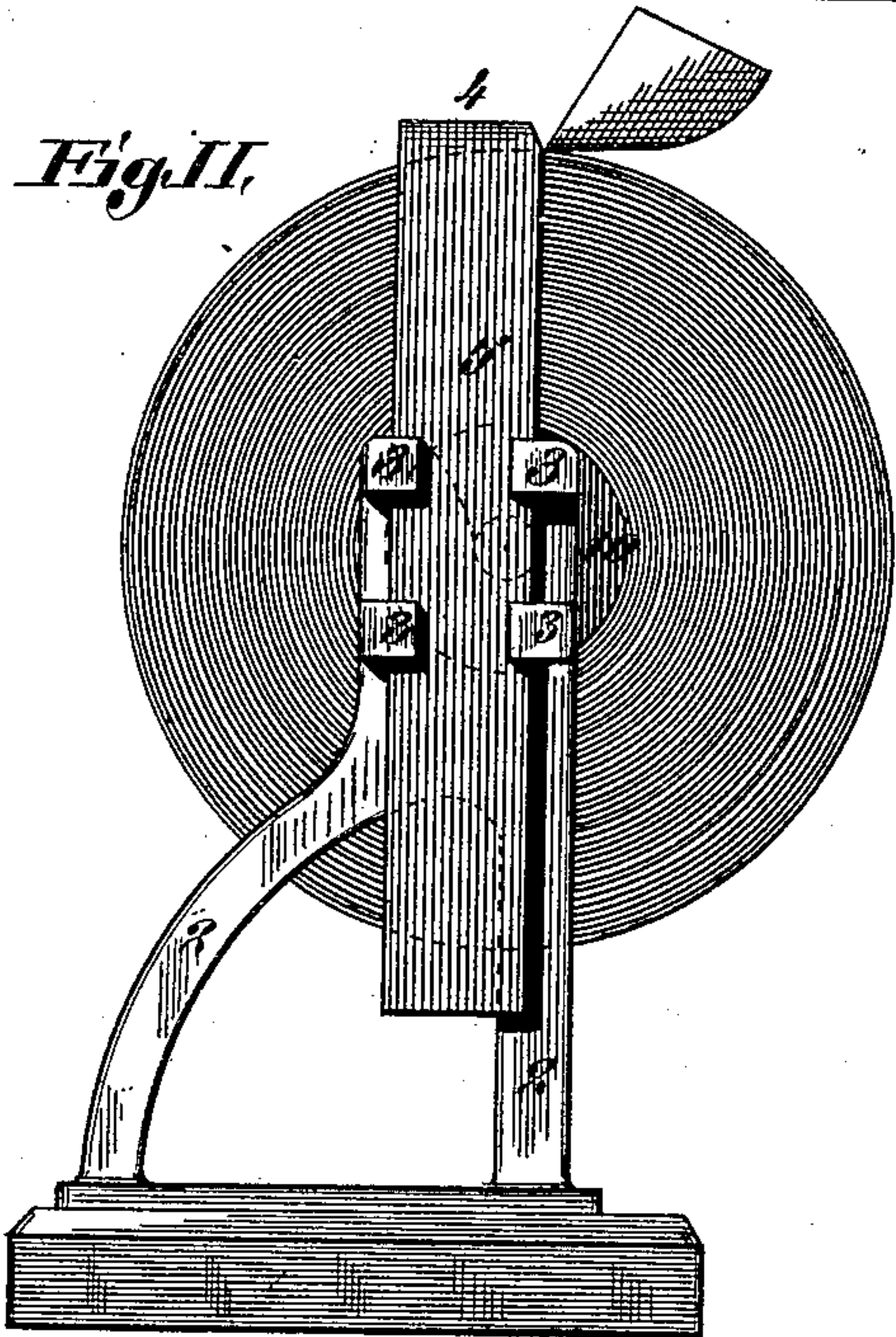
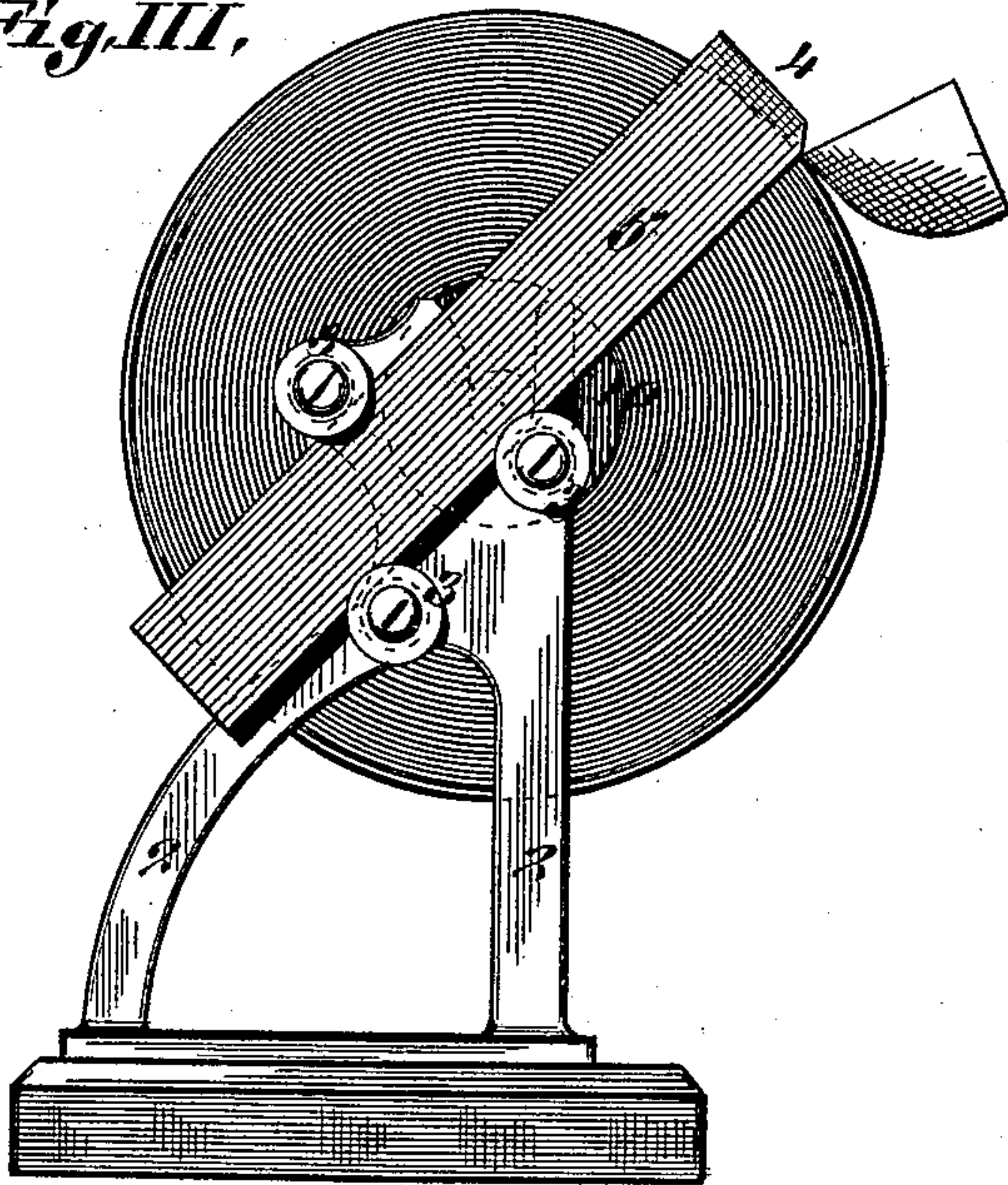


Fig. III,



Attest:
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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. 390,073, dated September 25, 1888.

Application filed January 3, 1888. Serial No. 259,598. (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—

10 Figure I is a side elevation of my improved paper-cutter. Fig. II is an end view. Fig. III is an end view of a modification.

15 My invention relates to an improvement in paper-cutters; and it consists in features of novelty, hereinafter fully described, and pointed out in the claims.

20 Referring to the drawings, 1 represents a suitable base, and 2 ends or standards which are secured to the base in which the roller 10 is journaled, and which are provided with lugs 3, as shown.

25 4 represents a knife, having ends 5 preferably formed in one piece with the knife, and which fit against the standards 2, and are held in place by the lugs 3, which embrace them, but in which they fit loosely, so as to allow the knife to fall by gravity as the paper is removed, and to allow the knife to be lifted out for the purpose of sharpening it or replacing
30 it by another. The knife rests upon the roll of paper, and as the paper is removed it auto-

matically feeds or moves downward by its own weight, thus producing a cheap and effective machine. By forming the ends 5 in one part with the blade no joint has to be made between them and the blade, but all that is necessary to do is to bend the extremities of the blade to form the ends. 35

In Fig. III, I have shown a modification, where the lugs 3 consist of rollers journaled to the ends or standards 2, and which are preferably placed in the form of a triangle, and are preferably arranged to throw the knife at an inclination, as shown. 40

I claim as my invention— 45

1. In a paper-cutter, the combination of the ends in which the roller is journaled and which are provided with an upper and lower series of lugs, and a knife having ends and moving in the lugs, substantially as and for the purpose set forth. 50

2. In a paper-cutter, the combination of the ends forming a support for the roller and having lugs, and the knife movably and removably secured to the ends by fitting between said lugs, so as to move by gravity as the paper is taken from the roller, substantially as and for the purpose set forth. 55

LEO EHRLICH.

In presence of—

GEO. H. KNIGHT,
EDWD. S. KNIGHT.