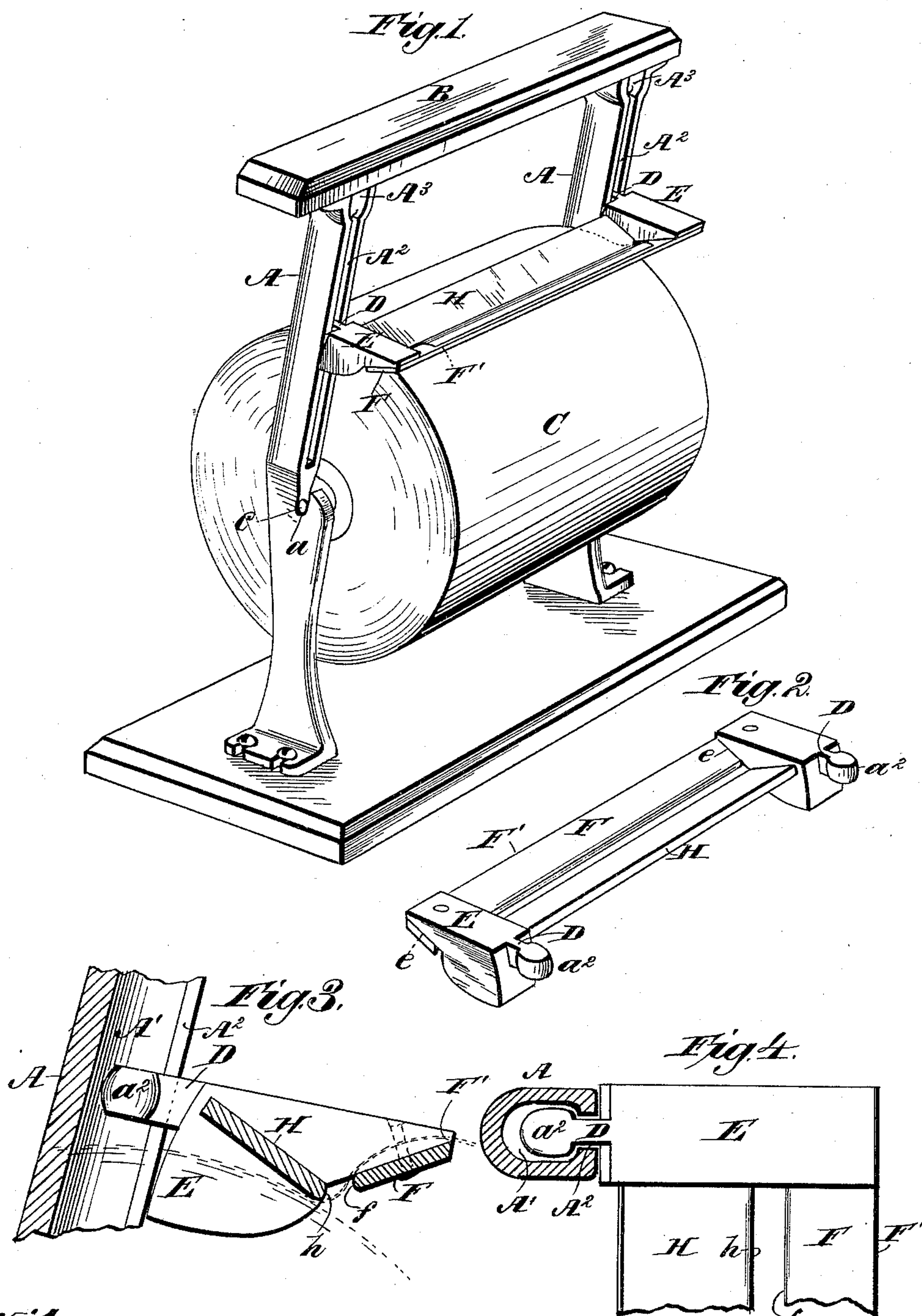


(No Model.)

G. E. YARGER.  
ROLL PAPER HOLDER AND CUTTER.

No. 432,107.

Patented July 15, 1890.



Witnesses.  
Robert Everett,  
Wm. Muzzy

Inventor.  
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# UNITED STATES PATENT OFFICE.

GEORGE E. YARGER, OF FOSTORIA, OHIO, ASSIGNOR OF ONE-HALF TO  
JOSEPH LOZON, OF DETROIT, MICHIGAN.

## ROLL-PAPER HOLDER AND CUTTER.

SPECIFICATION forming part of Letters Patent No. 432,107, dated July 15, 1890.

Application filed March 27, 1890. Serial No. 345,593. (No model.)

*To all whom it may concern:*

Be it known that I, GEORGE E. YARGER, a citizen of the United States, residing at Fostoria, in the county of Seneca and State of Ohio, have invented certain new and useful Improvements in Paper-Roll Holders and Cutters; and I do hereby declare the following to be a full, clear, and exact description of the invention, such as will enable others skilled in the art to which it appertains to make and use the same.

This invention relates to paper-roll holders and cutters; and it consists in the construction and combination of parts hereinafter particularly set forth and claimed.

In the accompanying drawings, Figure 1 represents a perspective view of a roll holder and cutter embodying my invention. Fig. 2 represents a detail view of the knife and cross-bar with the brackets and gudgeons or studs. Fig. 3 represents a rear detail view of the knife alone, and Fig. 4 represents a section taken transversely through one of the standards.

A designates the hollow standards of the frame, and B the cross-piece at the top thereof. Each standard is provided with a bearing *a* to receive the journals *c* of a paper-roll C. Each standard has also a vertical interior passage *A'*, narrowed to form a neck *A<sup>2</sup>* in front, which is enlarged at the top, at *A<sup>3</sup>*, to admit the rounded or globular ends *a<sup>2</sup>* of the rearwardly-extending gudgeons or lugs D of the knife. The construction and operation of the parts thus far described are identical with those described and claimed in my application Serial No. 308,889. The said studs or gudgeons are attached to weights or brackets E at the ends of the transverse knife F, these weights being flat on top, but having downwardly-inclined front faces *e*, to which the said knife is attached, occupying normally an upwardly-inclined position. A transverse bar H in the rear of said knife is attached to or cast with said weights. There is an interval between the front edge *h* of said bar and the rear edge *f* of the knife, both of these edges being rounded, so that the paper will not be cut or

torn, but will be bound against slipping back. The paper is pulled from the roll up through this interval or opening and then drawn down against the sharp upper edge *F'* of the knife. The pressure on the roll as the paper is drawn down on the edge of the knife serves to fix the roll in position, and less weight is necessary to hold the knife to its work. A small end of the paper is always left to take hold of. This cutter operates as well with thick tough paper as with any other, whereas a cutter which relies upon gravity only will not work well with such material.

The weights or brackets E are downwardly extended, so as to bear at their rear ends against the standards and hold the knife in an inclined position, as stated.

Having thus described my invention, what I claim as new, and desire to secure by Letters Patent, is—

1. In combination with a pair of standards and a paper-roll supported thereby, a knife and transverse bar arranged with an interval between them and weights connecting said knife and transverse bar at the ends, these weights being provided with studs or gudgeons which slide up and down in said standards, substantially as set forth.

2. In combination with a pair of standards, a knife and transverse bar having connections at their ends which are provided with gudgeons sliding up and down in said standards, the knife being upwardly inclined and the transverse bar downwardly inclined, substantially as set forth.

3. The combination of an upwardly-inclined knife rounded at its rear or lower edge with a downwardly-inclined bar rounded at its forward or lower edge, the necessary connecting devices, gudgeons, and standards, substantially as set forth.

In testimony whereof I affix my signature in presence of two witnesses.

GEORGE E. YARGER.

Witnesses:

WILLIAM B. ROLLINS,  
CHAS. L. GUERNSEY.