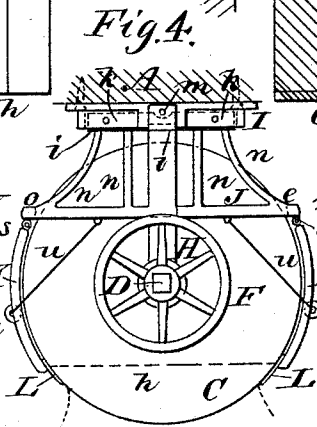
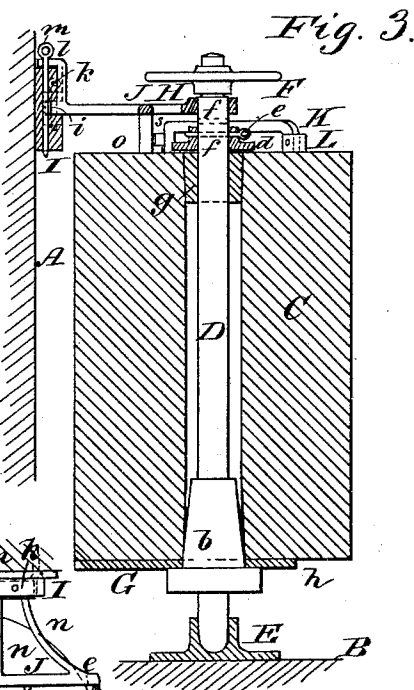
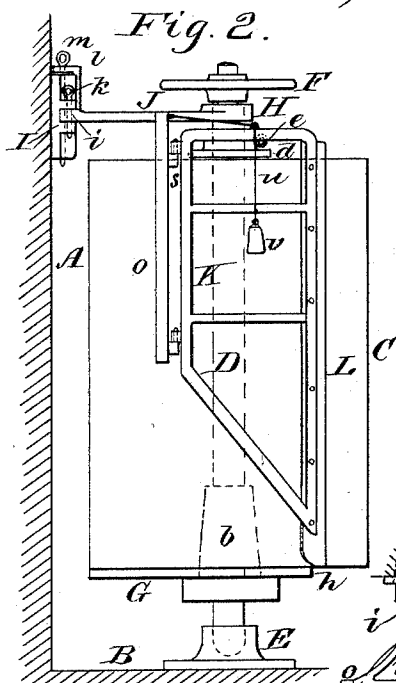
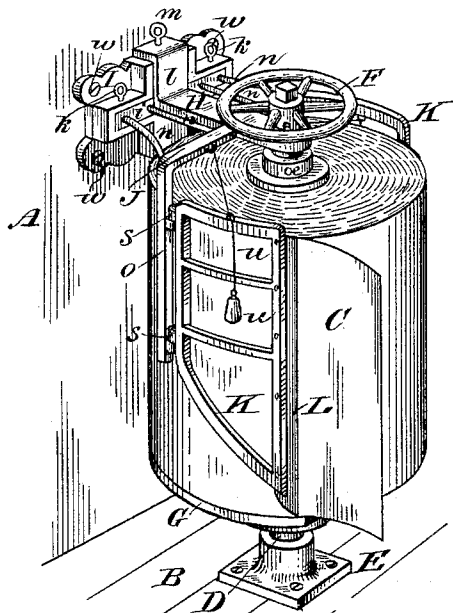


G. M. D. MANAHAN.
ROLL PAPER HOLDER AND CUTTER.

Patented Feb. 2, 1892.



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UNITED STATES PATENT OFFICE.

GEORGE M. D. MANAHAN, OF NEW YORK, N. Y.

ROLL-PAPER HOLDER AND CUTTER.

SPECIFICATION forming part of Letters Patent No. 468,203, dated February 2, 1892.

Application filed May 19, 1891. Serial No. 393,294. (No model.)

To all whom it may concern:

Be it known that I, GEORGE M. D. MANAHAN, of New York city, in the county of New York and State of New York, have invented an Improvement in Roll-Paper Holders and Cutters, of which the following is a full, clear, and exact description.

This invention relates to paper holders and cutters—such, for instance, as those used for wrapping-paper—in which the roll of paper is supported to turn around a vertical axis running through the length of the roll instead of around a horizontal axis, and in which an upright cutter is arranged to occupy a position to either side of the roll for cutting or tearing off the paper in lengths to suit as it is unreeled from the roll.

The more particular object of the invention is to construct an efficient apparatus of this description which, instead of being carried by a main frame and standing by itself away from the wall or in the middle of the floor, where it often is in the way, may be set up against the wall as an attachment thereto to save room in the store or room.

The invention consists in certain novel constructions and combinations of parts in a roll-paper holder and cutter of the above description, substantially as hereinafter described, and more particularly pointed out in the claims.

Reference is to be had to the accompanying drawings, forming a part of this specification, in which similar letters of reference indicate corresponding parts in all the figures.

Figure 1 is a perspective view of my improved paper holder and cutter with a roll of paper in place thereon. Fig. 2 is a side elevation of the same; Fig. 3, a vertical section thereof parallel to Fig. 2, and Fig. 4 a plan of said roll-paper holder and cutter.

Before proceeding to describe the construction and operation of my improved paper holder and cutter I would observe that it is mainly designed to be used for holding and cutting large and heavy rolls of wrapping-paper, which on account of their great size and weight are very difficult to handle and place in an upright position on the holder and cutter, and which, moreover, as they come from the mill have a close wrapper around them to protect them and keep them

from unreeling. Furthermore, until the wrapper is removed, which, to keep the paper from springing loose, should not be done until the roll is in place to be used, it is difficult or impossible to discern in which of the two directions the paper is reeled, or how it should be unreeled to secure the operation of the cutter in connection with it. The application of these remarks will appear hereinafter.

A indicates the wall and B the floor of the store or room on which the apparatus is erected.

C is the roll of paper, and D a spindle passing up through the roll and resting in a step-bearing E, secured to the floor. This spindle is made with a square tapering lower portion *b* to jam into the inside of the roll to secure the turning of the latter with the spindle. The roll, when necessary, is turned from the top by a wheel F above an adjustable lock-washer *d*, adapted to suit different heights of roll and secured by a pin *e*, passing through a hole in said washer and through any one of upper and lower holes *f* in the spindle. In the upper end of the roll is the usual wooden block *g*, with which the roll is plugged as it comes from the mill, a similar block or plug at the other end of the roll having been removed. A table G supports the roll at its bottom. This table is cut away on one side, as shown at *h*, to facilitate the canting or lifting of the heavy roll from the floor with its spindle to its place without bending or straining the table G by causing the paper of the roll where said table is cut away at *h* to rest upon the floor, and which will yield to resist or relieve strain. The roll C or its spindle D rotates in a horizontal arm H, slipping by a horizontal cross-bar *i*, and secured by screw-bolts or pins *k* within a bracket I, fastened by any number of screw-bolts *w* into the wall A of the room. Said arm H is further supported to sustain the weight of the roll C by an upward crook or bent portion *l*, resting on top of the bracket I and secured thereto by a screw or pin *m*. This securely serves to hold the roll in place with freedom to turn along with its spindle.

Branching from the cross-bar *i* of the horizontal arm H may be any number of braces *n* to assist in carrying a yoke J, connected with said cross-bar. This yoke J extends over and

across the roll C back of its spindle D, and has a leg *o* down each or either side of the roll.

5 K K are upright cutter-frames, hinged, as at *s*, to the legs *o* and adapted to hug the sides of the roll throughout its depth. These hinged cutter-frames carry at their outer ends upright knives L L for cutting or tearing off the paper in lengths to suit as it is unreeled
10 from the roll. By employing two of these cutter-frames with attached knives—one on each side of the roll—provision is made for tearing off the paper by unreeling the roll in either direction accordingly as it is wound to the
15 right or left. Cords *u u*, attached to the yoke J and passing through an eye or eyes on the cutter-frames K K and down said frames, with a weight *v* secured to their lower ends, serve to keep the knives on the cutter-frames
20 close up to their work and to follow up the roll as it lessens in diameter by drafts made upon it.

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

1. In an upright roll-paper holder and cutter adapted to be attached to the wall and having an independent step-bearing for the

roll-spindle adapted to be secured to the floor of a room, the combination, with the step-bearing E and roll-spindle D, of the arm II, forming an upper bearing for the spindle and having a cross-arm *i* and upper crook or bend *l*, the wall-bracket I, recessed to receive said cross-bar within it, and the pins *k m*, securing said cross-arm to the wall-bracket, essentially as described. 30 35

2. In an upright roll-paper holder and cutter, substantially as described, the hinged upright cutter-frames K, with their attached knives L, arranged down both sides of the roll, in combination with a yoke or frame to which said cutter-frames are hinged, and the cords and weights *u v*, operating to keep the knives up against the roll and to follow it up as draft is made on it, essentially as and for the purposes specified. 40 45

3. In an upright roll-paper holder and cutter, substantially as described, the combination, with the roll-spindle D and its table G, of the adjustable upper lock-washer *d*, as herein set forth. 50

GEORGE M. D. MANAHAN.

Witnesses:

A. GREGORY,
C. SEDGWICK.