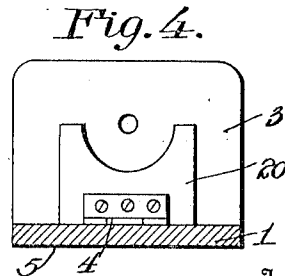
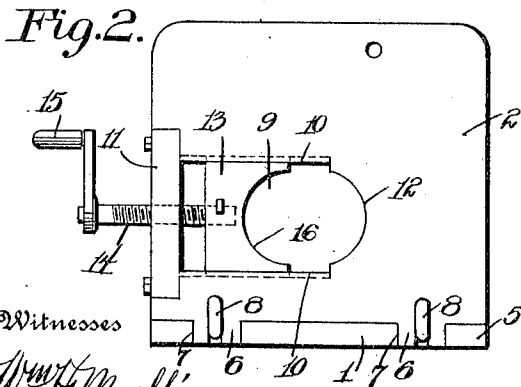
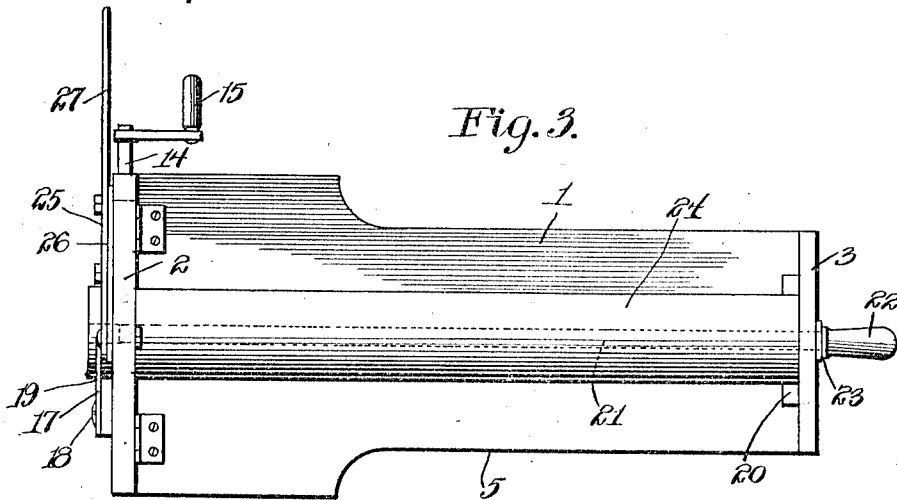
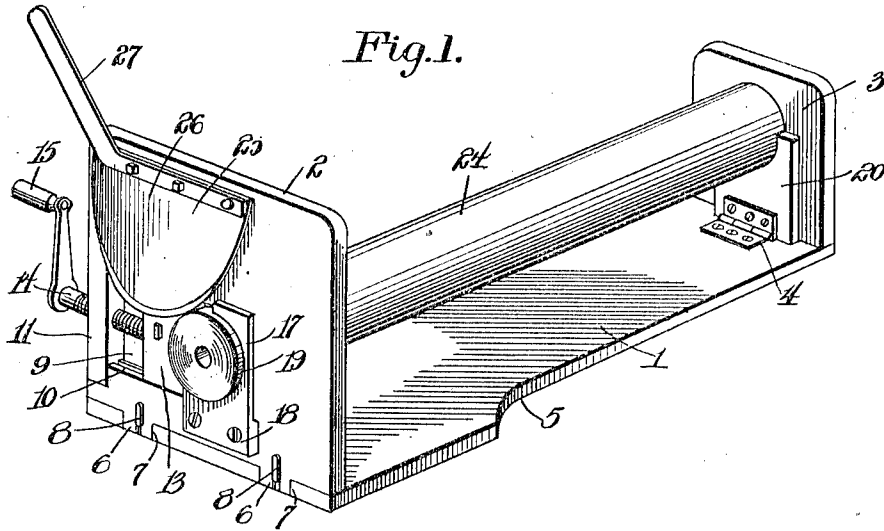


W. C. ALLEY.
WALL PAPER TRIMMING MACHINE.

APPLICATION FILED NOV. 13, 1912. RENEWED JULY 24, 1913.

1,072,377.

Patented Sept. 2, 1913.



Witnesses

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UNITED STATES PATENT OFFICE.

WILLIAM CLYDE ALLEY, OF KOKOMO, INDIANA.

WALL-PAPER-TRIMMING MACHINE.

1,072,377.

Specification of Letters Patent.

Patented Sept. 2, 1913.

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To all whom it may concern:

Be it known that I, WILLIAM CLYDE ALLEY, a citizen of the United States, residing at Kokomo, in the county of Howard and State of Indiana, have invented new and useful Improvements in Wall-Paper-Trimming Machines, of which the following is a specification.

This invention relates generally to an improvement in wall paper trimmers and particularly to a simple means whereby the trimming of a roll of wall paper may be accurately and expeditiously performed.

The main object of the present invention is the provision of a holder in which the roll of wall paper may be quickly and accurately positioned and secured, and which when so secured may be readily subjected to the action of the trimming knife to cut from the end of the roll that portion only desired to be trimmed therefrom, the remainder of the roll being protected against the knife and also secured in a manner to insure an even, sharp edge when trimmed.

The invention in its preferred form of details will be described in the following specification, reference being had to the accompanying drawings, in which:—

Figure 1 is a perspective view of the improved trimmer showing a roll of wall paper therein. Fig. 2 is an end elevation of the same. Fig. 3 is a top plan view of the same. Fig. 4 is an elevation of the back support showing the inner face thereof.

Referring particularly to the accompanying drawings, my improved trimmer comprises a body made up of a base board 1 and end walls 2 and 3, the former being termed the front support and the latter the rear support. The end walls are hingedly connected at 4 to the base 5, each provided with projecting tenons 6 to fit in mortises 7 in the base when said parts are in operative position whereby to prevent undue strain upon the hinges in use and to accurately position the end walls with respect to the base. Fastening means 8 of any appropriate type may be used to secure the end walls in proper position with respect to the base. The front wall or support 2 is of greater width and height than the similar dimension of the rear wall or support 3, and the base board 1 is correspondingly shaped being of a width corresponding to the width of the front support of the forward end and reduced in width for the greater portion of its length

to correspond to the width of the rear support 3 at the end connected to the latter.

The support 2 at a point above the base 1 is formed with a transversely disposed opening 9 having upper and lower parallel walls 10. The opening 9 which forms a slide-way opens through one edge of the front support and is closed by a bar 11 bridging the walls 10, as shown. The inner end or wall of the slide-way is rounded, as at 12, being at this point approximately semi-circular in shape and having a radius slightly less than one-half the height of the slide-way so that the terminals of the rounded portion are spaced inwardly in both directions from the edges formed by the walls 2. A clamp block 13 is slidably mounted on the slide-way, the upper and lower edges of the block being preferably formed with guide ribs to fit in corresponding channels in the edges 10. An operating screw 14 provided with a handle 15 is threaded in the bar 11 and rotatably, though otherwise fixedly secured to the clamp block 13, and whereby in the operation of the handle the slide block may be adjusted to and from the semi-circular edge 12 of the slide-way. The inner edge of the clamp block is formed with a semi-circular depression 16 corresponding in all respects to the rounded edge 12, the parts being so positioned that when the slide block is at the limit of its inward adjustment the rounded edges 12 and 16 form an approximately circular opening.

Secured to the outer face of the front support 2 is the fixed shear or edge for the cutter comprising a plate 17 secured to and spaced from the surface of the forward wall of the front support by screws 18. That portion of the shear in which the screws are inserted may, if desired, be somewhat thicker than the remainder so that the portion above the screws is spaced the appropriate distance from the surface of the front support. This shear is formed in one edge with a rounded depression 19, and said shear is secured upon the front support so that said rounded depression accurately registers with the rounded depression 12 in the front support.

The rear support is provided with a semi-circular block 20 secured to the inner face thereof and positioned to accurately and snugly receive the roll of paper and support the same in position. A retaining rod 21 having a handle 22 and a stop collar 23 is

designed to be passed through an opening in the rear support, 3, said retaining rod being designed to be passed through the opening in the rear support and through the central bore of the roll of paper 24, whereby said roll is accurately positioned with relation to the rear support and sustained throughout its length by the retaining rod. A cutter 25 is provided including a rounded cutting blade 26 and a handle 27 the latter being secured to the upper edge of the blade.

In use the roll of wall paper is arranged between the supports, and the end of the roll to be trimmed inserted in the slide-way and against the rounded edge 12 thereof, being adjusted lengthwise with the outer surface of the front support of the guide so that the part to be trimmed from the rolls will be engaged by the blade. The handle 15 is then operated to adjust the clamp block to clamp the roll in place and the knife operated to trim the projecting edge of the roll. The roll is then reversed and the opposite end trimmed, the block 20 being of a thickness to support the roll at the trimmed end in its adjustment in the trimmer for trimming the second end.

When not in use the end supports may be folded down on the body so that the trimmer will occupy very little space. The shear coöperates with the knife to perform an effective cutting operation and the roll when once in position will be securely retained until the completed trimming of one end is effected.

It is obvious that the hinges 4 are not essential to the operation of the device and that the parts may be formed with openings

and connected to said screws in place of the hinges when desired for use.

What is claimed is:—

1. A wall paper trimmer including a body, front and rear supports connected to the respective ends thereof, a holding block secured to the inner surface of the rear support, a removable retaining rod mounted in said rear support, the front support being formed with a slide-way having a rounded inner edge, a clamp block movable in the slide-way and having a rounded edge to coöperate with the rounded edge of the slide-way to secure the roll, and a shear secured to the surface of the front support and overlying the rounded edge of the slide-way.

2. A wall paper trimmer including a body, front and rear supports connected to the respective ends thereof, a holding block secured to the inner surface of the rear support, a removable retaining rod mounted in said rear support, the front support being formed with a slide-way having a rounded inner edge, a clamp block movable in the slide-way and having a rounded edge to coöperate with the rounded edge of the slide-way to secure the roll, and a shear secured to the surface of the front support and overlying the rounded edge of the slide-way, said shear having a rounded edge to register with the rounded edge of the slide-way.

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

WILLIAM CLYDE ALLEY.

Witnesses:

ALICE DUMOULIN,
WILL O. FINCH.