

(No Model.)

2 Sheets—Sheet 1.

T. BERNEY.
WALL PAPER CUTTER.

No. 474,899.

Patented May 17, 1892.

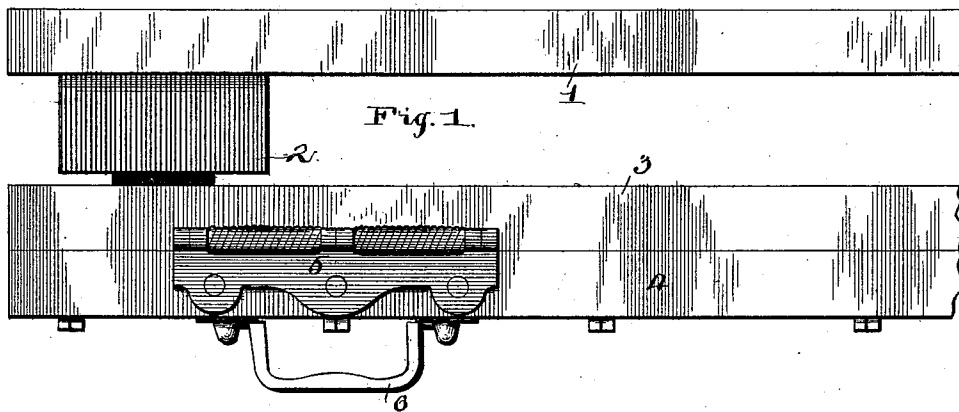
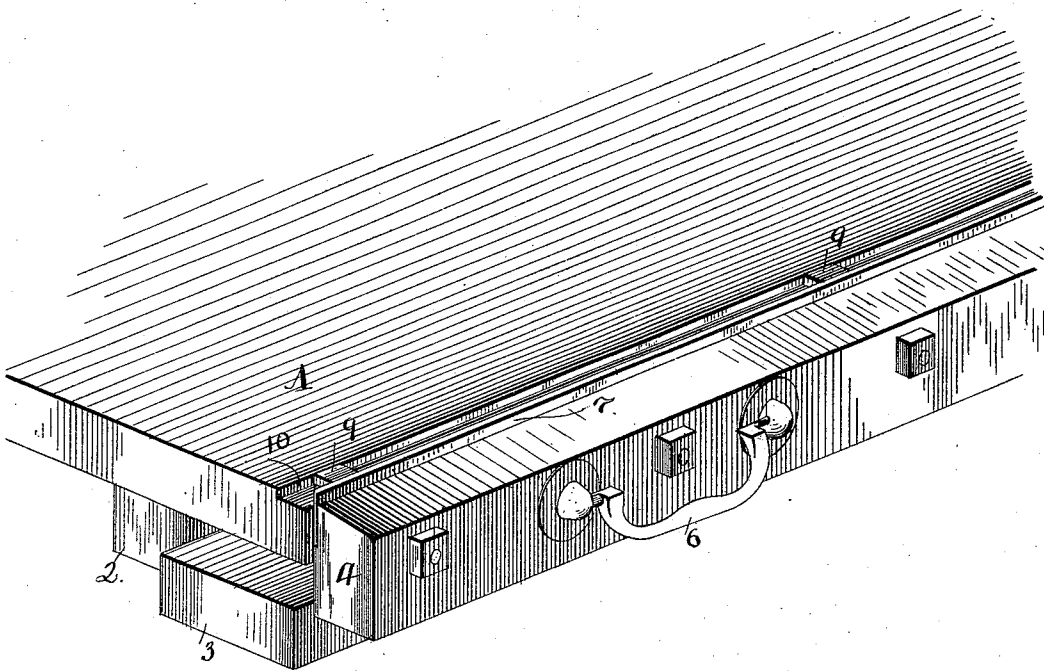


Fig. 3.



Witnesses

H. J. Beitz

Wm. Bagger

Thomas Berney. Inventor

By his Attorneys,

C. A. Snow & Co.

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2 Sheets—Sheet 2.

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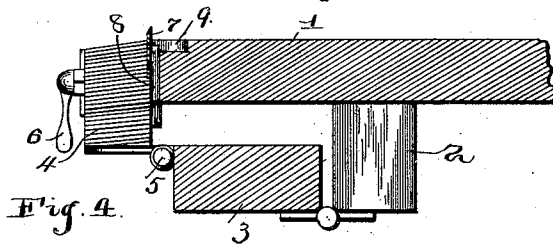
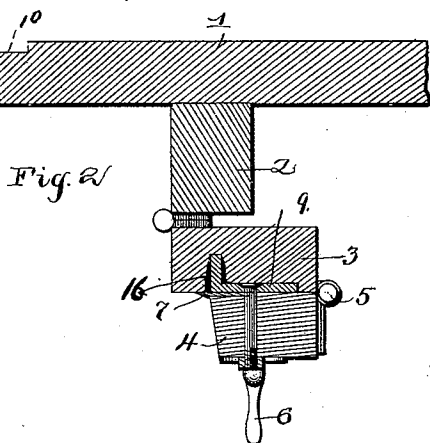


Fig. 6

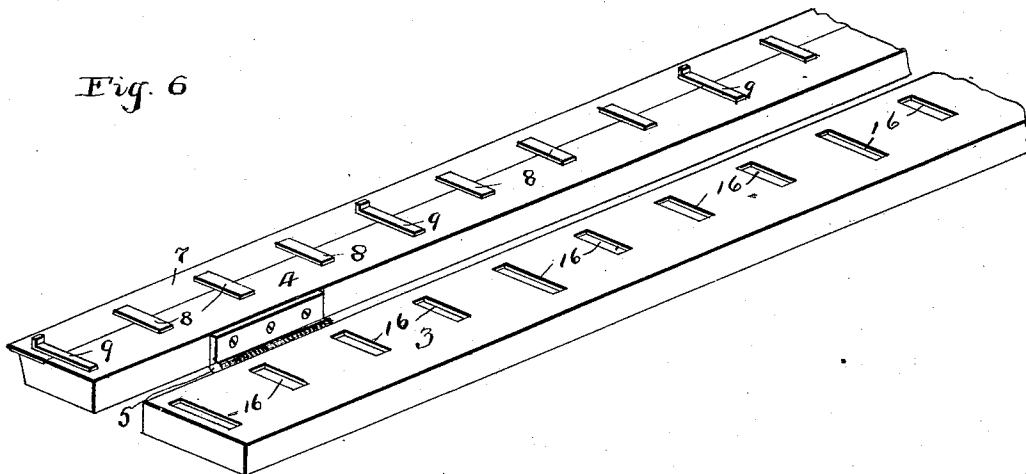


Fig. 5

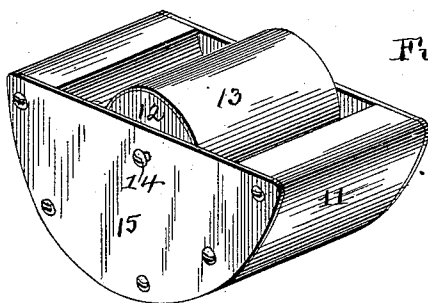
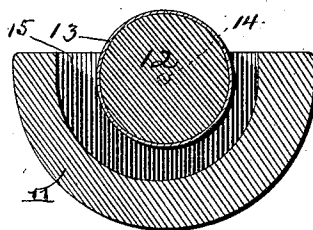


Fig. 7



Witnesses

Wm. Bagger

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By his Attorneys,

C. A. Snow & Co.

Inventor

Thomas Berney

UNITED STATES PATENT OFFICE.

THOMAS BERNEY, OF TIDIOUTE, PENNSYLVANIA.

WALL-PAPER CUTTER.

SPECIFICATION forming part of Letters Patent No. 474,899, dated May 17, 1892.

Application filed September 29, 1890. Serial No. 366,473. (No model.)

To all whom it may concern.

Be it known that I, THOMAS BERNEY, a citizen of the United States, residing at Tidioute, in the county of Warren and State of Pennsylvania, have invented a new and useful Wall-Paper Cutter, of which the following is a specification.

This invention relates to cutting attachments for pasting-boards such as are used by paper-hangers; and it has for its object to provide a simple and convenient device by means of which wall-paper may be conveniently cut and accurately trimmed, said device being in the nature of a permanent attachment to the pasting-board.

The invention consists in the improved construction, arrangement, and combination of parts, which will be hereinafter fully described, and particularly pointed out in the claims.

In the drawings hereto annexed, Figure 1 is a side view of a pasting-board to which my invention has been applied. Fig. 2 is a transverse sectional view of the same. Fig. 3 is a perspective view showing the device in position for operation. Fig. 4 is a transverse sectional view of the same. Fig. 5 is a perspective view of the roller used in conjunction with the cutting apparatus. Fig. 6 is a perspective detail view of the strips 3 and 4, connected by the spring-hinges 5, showing said strips opened or unfolded. Fig. 7 is a sectional view of the roller shown in Fig. 5.

Like numerals of reference indicate like parts in all the figures.

To the under side of the pasting-board 1 are secured the blocks 2 2, to the outer edges of which is hinged a wooden strip 3 of suitable dimensions.

4 designates a straight-edge, which is connected by spring-hinges 5 to the lower inner edge of the strip 3, upon which it is normally held securely folded by the action of the said spring-hinges. To the under side of the straight-edge 4 is connected a handle 6, by means of which it may be conveniently manipulated. To the upper outer edge of the straight-edge 4 is attached a knife or cutter 7, the cutting-edge of which projects a suitable distance beyond the edge of the said straight-edge. This knife or cutter is attached to the straight-edge by means of clamping-plates 8

and L-shaped hangers 9, of which a suitable number may be used, placed any desired distance apart. The upper outer edge of the pasting-board is rabbeted, as shown at 10, for the reception of the L-shaped hangers.

11 designates a suitable casing or holder, between the sides of which is journaled a wheel or roller 12, having a facing 13 of zinc or other suitable material. The roller 12 is journaled in its casing by means of screws 14, inserted through the sides of the latter, so that the said roller may be easily removed when worn, in order that a new one or one having a new and perfect facing may be substituted. The casing 11 may be constructed of wood, and it is preferably provided with side pieces or cheeks 15 of sheet-brass or other suitable material.

The operation of my invention will be readily understood from the foregoing description, taken in connection with the drawings hereto annexed.

When the cutting apparatus is not in use, it is folded under the pasting-board, as will be seen in Figs. 1 and 2 of the drawings, and the spring-hinges 5 will then serve to hold the straight-edge having the knife or cutter closely in contact with the strip 3, to which it is attached, thus protecting the projecting edge of the cutter. In said Figs. 1 and 2 the strip 3, with its attachments, is shown as occupying a horizontal position under the pasting-board. In this position it will be sustained only when the hinges by which it is connected to the supporting-blocks 2 are sufficiently stiff to cause the necessary friction, or spring-hinges may be used when desired. The under side of the strip 3 is provided with mortises 16 to accommodate the clamps 8 and hangers 9, thus enabling the cutter 7 to be folded flat against the said strip.

When the cutting apparatus is to be used, the operator grasps the handle 6 and folds the straight-edge 4 in an upward and outward direction against the tension of the spring-hinges 5, at the same time swinging the strip 3 outwardly upon the hinges by which it is attached to the blocks 2 until the hangers 9 engage the outer rabbeted edge of the pasting-board, as will be seen in Figs. 3 and 4 of the drawings, thus causing the cutting-edge to project slightly above the upper side of the

pasting-board. The paper having been properly pasted and folded is laid upon the upper edge of the cutter along the line at which it is to be cut, and it may, if desired, be held in position by means of a paper-weight consisting of a wooden slat of suitable length, which is manipulated by the left hand of the operator, while with his right hand he passes the roller 12 over the paper directly above the cutting-edge, thus causing the paper to be severed at the desired point. After the cutting apparatus has served its purpose it may be thrown out of operation by simply disengaging the hangers 9 from the rabbeted edge of the pasting-board, when the action of the spring-hinges will fold the straight-edge 4 against the strip 3, which latter may then be swung under the pasting-board and out of the way.

In the manufacture of this device various modifications of details may suggest themselves to the skilled mechanic, and I desire to have it understood that I reserve the right to any such changes as may be resorted to without departing from the spirit of my invention.

It is obvious that a machine embodying the principles of my invention may be used successfully for cutting cloth and the like; but it is deemed especially convenient and advantageous for cutting wall-paper and as an attachment for paper-hangers' pasting-boards.

I have described the roller 12 as having a facing of zinc; but I would have it distinctly understood that a facing of any other suitable material may be employed and that a facing may be dispensed with when the body of the roller is constructed of suitable material.

Having thus described my invention, what I claim, and desire to secure by Letters Patent of the United States, is—

1. A cutting apparatus for wall-paper and the like, comprising a straight-edge having a projecting cutting-edge and connected by spring-hinges with a suitable supporting-strip, against which the said projecting cutting-edge may be folded, substantially as set forth.

2. In a wall-paper cutter, the combination of a pasting-board, a supporting strip-hinge, connections between the supporting-strip and the pasting-board, and a straight-edge hinged to the supporting-strip and having a knife or cutter, the cutting-edge of which projects beyond the said straight-edge, substantially as set forth.

3. In a wall-paper cutter, the combination of a pasting-board, the supporting-blocks upon the under side of the latter, the supporting-strip hinged to said blocks and the straight-edge connected by spring-hinges to said supporting-strip and having a projecting cutting-edge, and hangers to engage the edge of the pasting-board, substantially as set forth.

4. In a wall-paper cutter, the combination of the pasting-board having a rabbeted edge, a supporting-strip hinged to blocks upon the under side of the pasting-board, a straight-edge connected by spring-hinges with the said supporting-strip and a knife or cutter secured to the latter by means of clamps, and hangers adapted to engage the rabbeted edge of the pasting-board, substantially as and for the purpose set forth.

In testimony that I claim the foregoing as my own I have hereto affixed my signature in presence of two witnesses.

THOMAS BERNEY.

Witnesses:

E. M. CURTIS,

G. N. MACDONALD.