

April 30, 1940.

G. HAYES

2,198,613

PAPER HANGER'S INSTRUMENT

Filed Nov. 12, 1938

2 Sheets-Sheet 1

Fig. 1.

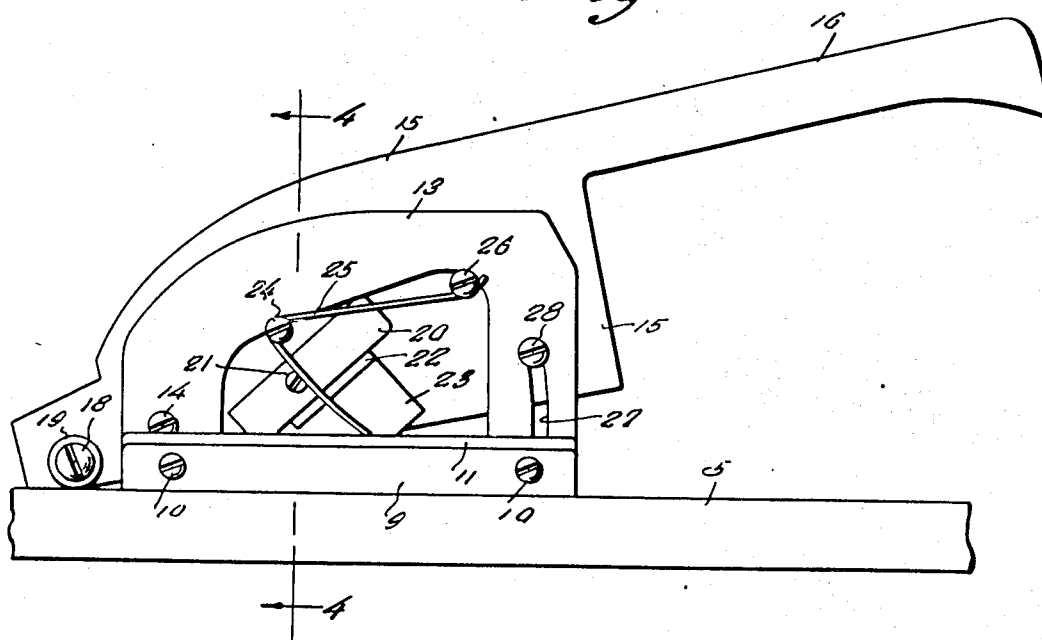


Fig. 2.

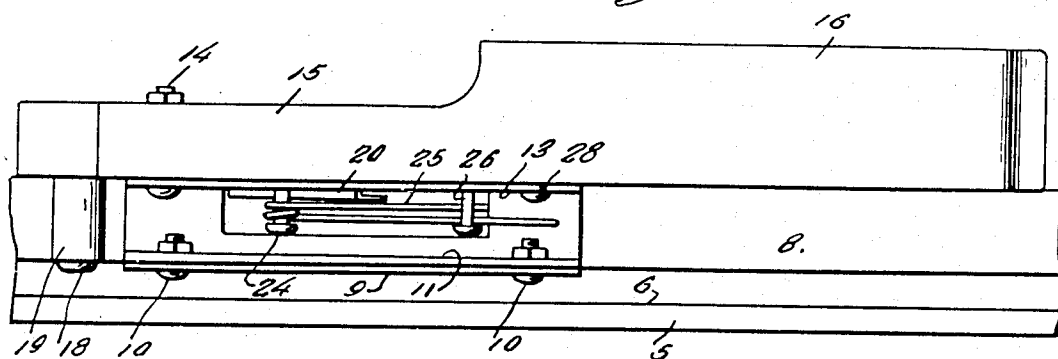
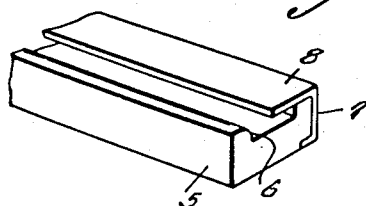


Fig. 6.



Inventor

Garland Hayes

By

Clarence W. O'Brien
and Hyman Berman
Attorneys

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2 Sheets-Sheet 2

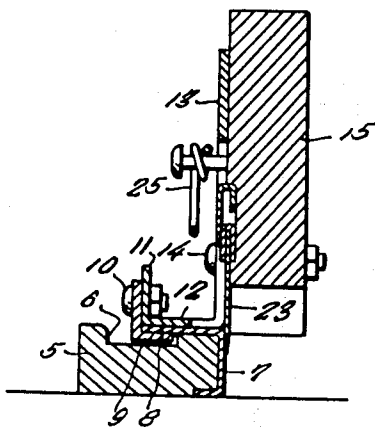
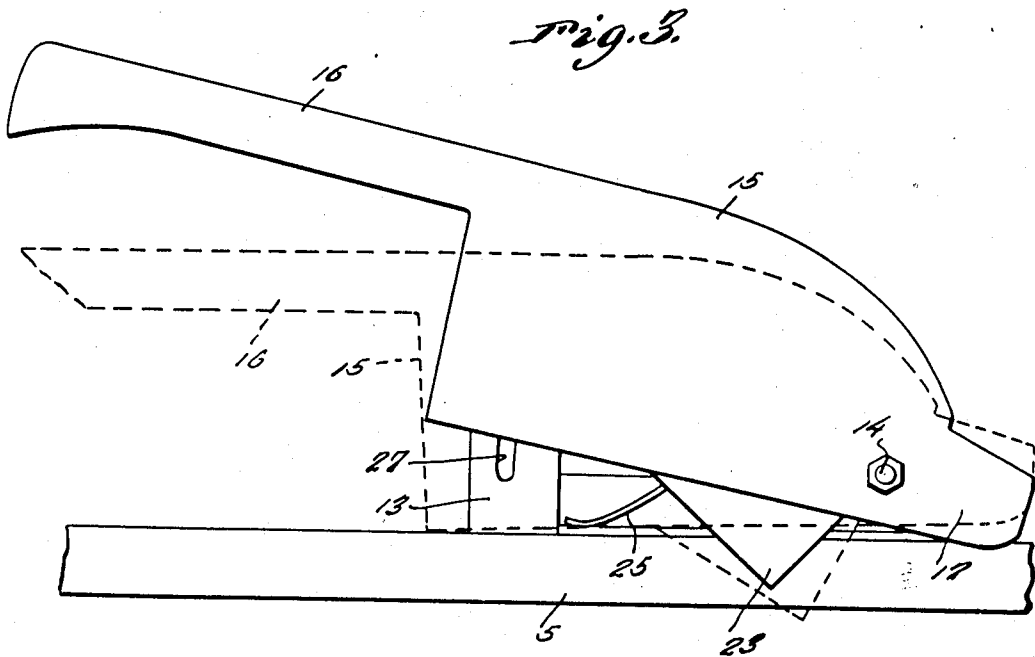


Fig. 4.

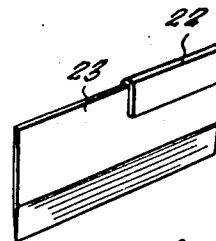


Fig. 5.

Inventor

Garland Hayes

By *Oliver A. O'Brien*
and Hyman Berman
Attorneys

UNITED STATES PATENT OFFICE

2,198,613

PAPER HANGER'S INSTRUMENT

Garland Hayes, Lake Charles, La.

Application November 12, 1938, Serial No. 240,130

1 Claim. (Cl. 164—73)

This invention appertains to new and useful improvements in tools and more particularly to a cutting instrument especially adapted for use by paper hangers.

5 The principal object of the present invention is to provide an instrument for cutting wall paper in a quick and accurate manner.

Another important object of the invention is to provide a cutting implement of the character 10 stated which will save considerable time and patience in cutting wallpaper with a minimum loss in material.

These and other objects and advantages of the invention will become apparent to the reader 15 of the following specification.

In the drawings:

Figure 1 represents a side elevational view of the implement.

Figure 2 is a top plan view.

20 Figure 3 is a side elevational view looking at the opposite side from that shown in Figure 1.

Figure 4 is a section on line 4—4 of Figure 1.

Figure 5 is a perspective view of the blade.

25 Figure 6 is a fragmentary perspective view of the straight edge.

Referring to the drawings wherein like numerals designate like parts, it can be seen that the instrument includes a straight edge member 5 preferably in the form of an elongated strip of wood having the channel 6 in the topside 30 thereof. The blade side of this straight edge member 5 is provided with a sheet metal covering 7 which is flanged under the straight edge member 5 and disposed over the top to overhang a portion of the channel 6 as at 8, thus defining a guideway for the reception of the horizontal flange of the angle member 9, the upstanding flange portion of which is secured by several 35 bolts 10 to the adjacent upstanding flange 11 of the slide frame 12. This slide frame 12 is provided with a vertical substantially inverted U-shaped portion 13. Through the lower portion of one leg thereof is disposed the screw 14 or like member disposed into the forward end portion 40 of the block 15 from which the handle 16 extends. This block 15 is provided with the toe portion 17 from which a stud or like member 18 projects and on which is the roller or rotatable sleeve 19 capable of riding on the top portion of the 45 metal flange 8.

50 Secured to the inner side of the block 15 within the confines of the inverted U-shaped frame portion 13 is the channeled blade holder 20 and through this passes the screw 21 which is driven into the block 15. The side portions of the channeled member can be clamped against the back portion 22 of a blade 23 which may be a razor blade, or blade in the nature of a razor 55 blade, by tightening the screw 21 into the block

A screw or stud 24 extends from the block 15 within the confines of the U-shaped frame portion 13 and is normally caused to abut the bight portion of this frame 13 by means of the wire spring 25 which is coiled around the screw or stud 24 and has one end disposed under the screw or stud 25 protruding from the block 15 while its opposite end portion rests against the bottom portion of the frame 12.

This spring 25 serves to normally maintain 10 the block 15 swung upwardly to the position shown in Figure 1 with the blade 23 lifted to a position above the bottom plane of the straight edge member 5.

The leg member of the frame 13 other than 15 the leg member having the bolt 14 disposed there-through has the arcuate-shaped slot 27 through which the screw or stud 28 is disposed and driven into the block 15. This serves as a guide between the frame 13 and the block 15.

It can be seen that the straight edge member 5 can be disposed on the paper or other material to be cut and that this straight edge 5 may be of any length desired. Obviously by pushing 25 downwardly on the handle 16 and drawing the slide along the straight edge, the paper will be cut evenly and accurately due to the fact that the paper is clamped under the straight edge and that this straight edge acts as a guide for the knife or blade 23.

30 While the foregoing specification sets forth the invention in specific terms, it is to be understood that numerous changes in the shape, size and materials may be resorted to without departing from the spirit and scope of the invention as 35 claimed hereinafter.

Having described the invention what is claimed as new is:

A cutting implement of the class described comprising a carriage arranged to slide along a 40 straight edge, said carriage including an upright portion having a large opening therein, a blade carrier of elongated form pivotally connected adjacent one end to one end of the upright portion, said carrier having a flat side extending 45 across the opening in the upright portion, a blade holding clamp attached to said flat side and extending into the opening of the upright portion, spring means for normally holding the carrier in raised position on its pivot, a handle extending 50 from that end of the carrier opposite the pivoted end for lowering the carrier against the action of the spring means, a transverse roller carried by the pivoted end of the carrier for engaging the top of the straight edge, a slot in that part of the upright portion of the carrier which is opposite 55 the end having the pivot therein and a projection passing through the slot into the carrier for guiding the carrier during its movement.

GARLAND HAYES.