Dec. 1, 1925.

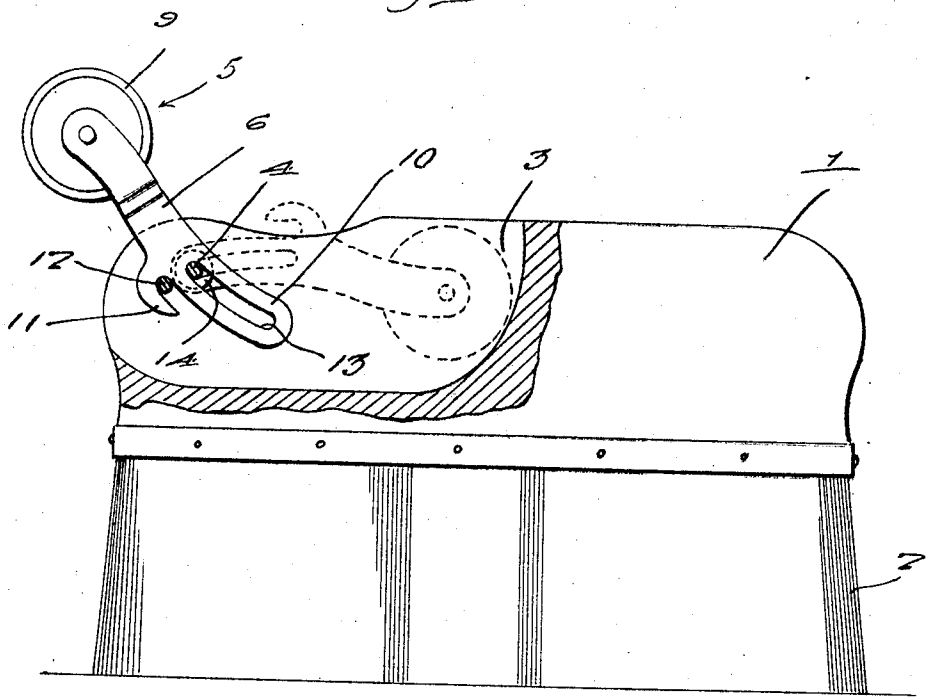
1,563,716

F. S. BRIGGS

PAPER HANGER'S TOOL

Filed July 13, 1925

Fig. 1.



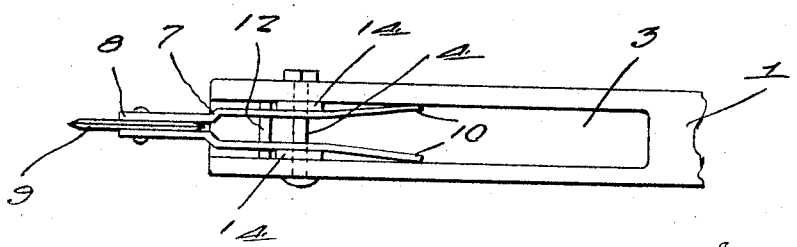


Fig. 2.

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UNITED STATES PATENT OFFICE.

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PAPER-HANGER'S TOOL.

Application filed July 13, 1925. Serial No. 43,233.

To all whom it may concern:

Be it known that I, FRANK SPOUAGE BRIGGS, a citizen of the United States, residing at Niagara-on-the-Lake, in the Province of Ontario and Dominion of Canada, have invented certain new and useful Improvements in a Paper-Hanger's Tool, of which the following is a specification.

This invention relates to an improved article of manufacture which may be broadly referred to as paper hanger's tool, the same having more particular reference to a combination brush and paper cutter.

I am well aware of the fact that a brush similar to the one hereinafter described is quite common, and I know that it is old to utilize a paper cutter consisting of a rotary disc having a knife edge with an appropriate carrier or handle therefor. It has been my experience, however, to note that the relatively small cutting implement frequently becomes misplaced, is accidentally knocked down onto the floor from the scaffolding, and is otherwise inconvenient.

In view of the foregoing circumstances I have evolved and produced a novel combination of these two articles in a way so that the cutter is carried by the back or handle of the brush utilized for smoothing the paper.

The novel coaction and construction of the improved details will be clear from the following detailed description and drawing.

In the accompanying drawing forming a part of this application and in which like numerals are employed to designate like parts throughout the same:

Figure 1 is a view in elevation and section showing a combination of elements specified.

Figure 2 is a top plan view of one end of the improved device.

Referring to the drawing in detail, the reference character 1 designates the handle or backing member of a conventional paper hanger's paper smoothing brush, the same carrying suitable bristles 2. In accordance with the present invention, a recess 3 is formed in this brush back and extends through the top and through one end as more plainly shown in Figure 2. This recess is of a predetermined size and shape. Extending through the side walls of the recess is a bolt 4, and it is upon this bolt that the cutter represented generally by the reference character 5 is pivotally mounted. Although it is not absolutely essential, the cutter preferably is constructed by providing a pair of duplicate arms 6. These arms are bent between their ends as at 7, the outer end portions 8 being connected with a cutting disc 9, and the inner end position 10 is spread apart to form springs 10. The strips from which the arms are formed, are of a resilient nature so that the springs will bear against the opposed faces of the side walls of the recess to hold the cutter both in its operative and inoperative position. The springs however, are not relied upon to maintain the cutter in its operative position. Therefore, each arm is provided with a hook 11, while a cross pin 12 is extended through the side walls of the recess just below and outward of the bolt 4. The hooks are adapted to fit over this pin, permitting the latter to serve as a stop. It will also be noted that the spring arms are provided with elongated arcuate slots 13, slidable upon the bolt 4. Moreover spacing washers 14 are interposed between the arms and walls of the recess to resist wear.

With the arrangement specified it is obvious that the cutter can be swung into the recess, wherein it will be in an out of the way position while the brush is being used. Whenever it becomes necessary to use the cutter, the hooks 11 which are left protruding slightly, are grasped, and the cutter is swung out to the operative angular position shown. This is a novel association wherein the common handle of a paper hanger's brush, being recessed, is permitted to accommodate a novel cutter, the handle having the function of forming a sheath for the cutter when it is in inoperative position, and as a handle therefor when it is in its operative position. By providing the particular recess, the spring spaced ends of the arms of the cutter drag upon and has frictional contact with the walls of the recess, serving to prevent undue movement of the cutter when in either of its two positions. In fact, the cutter may be swung to intermediate position, at which time the spring tension will serve to hold it against undue movement.

The advantages accruing from a combination of implements of this kind constructed in the manner specified, need hardly be amplified in that they will be clearly comprehended by those skilled in the art to which

the invention relates. Moreover, the simplicity of the construction is such that a more detailed description is undoubtedly unnecessary.

While the preferred embodiment of the invention has been shown and described, it is to be understood that minor changes coming within the field of invention claimed may be resorted to if desired. Therefore, a more lengthy description is thought unnecessary.

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

1. In a structure of the class described, a backing member having a recess formed therein, a cutter, spring arms connected with and extending from said cutter, a pivot bolt extending between the side walls of said recess, said arms being connected with said bolt.

2. In a structure of the class described, a recessed backing member, a pivot bolt passing through the opposed side walls of the recess, a cutting implement comprising a cutter, and a pair of arms connected with said cutter, said arms having their inner ends provided with elongated slots slidable on said bolt, said arms being spread apart at their slotted ends and in yieldable frictional contact with the inner surfaces of the aforesaid walls.

3. In a structure of the class described, a recessed backing member, a pivot bolt extending through the walls of the recess, a cutting implement embodying a pair of spaced arms, the inner ends of which are slotted and spaced apart, said inner ends being of resilient nature and forming springs bearing against the inner surfaces of the walls of said recess, said slots being slidable upon said bolts, a stop pin carried by said walls, and hooks carried by said arms and engageable with said stop pins.

4. In an implement of the class described, a cutting disc, a pair of duplicate arms between the outer ends of which said disc is mounted for rotation, the inner end portions of said arms being offset outwardly and the extremities being disposed in divergent relation, said divergent ends being of a resilient nature to form springs, and being provided with elongated substantially arcuate slots, and hooks formed integral with the intermediate portion of said arms.

In testimony whereof I affix my signature.

FRANK SPOUAGE BRIGGS.