No. 746,099. PATENTED DEC. 8, 1903.

W. W. KERNS & J. W. ACKLEY.

PAPER HANGING BRUSH.

APPLICATION FILED SEPT. 26, 1903.

NO MODEL

Fig. 1

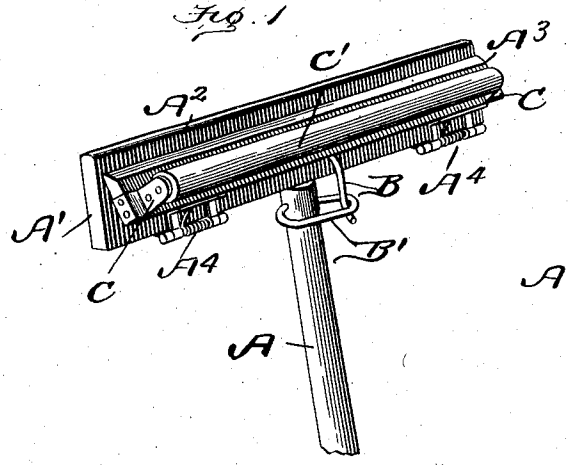


Fig. 2.

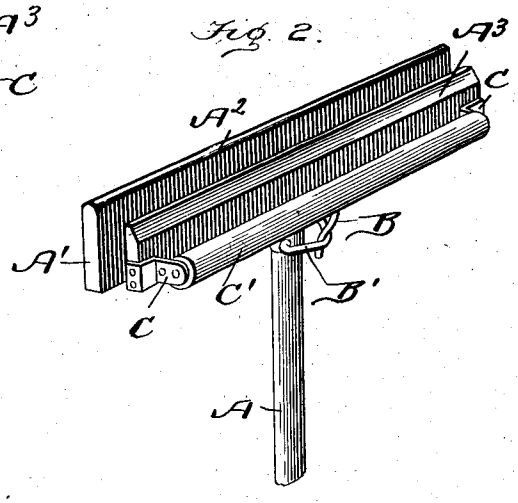


Fig. 3.

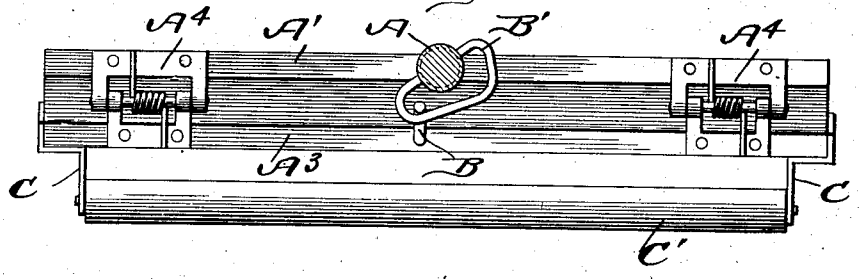


Fig. 4.

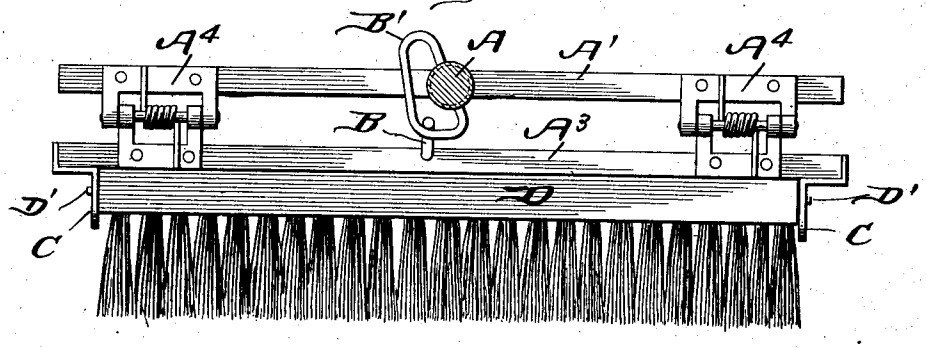


Fig. 5

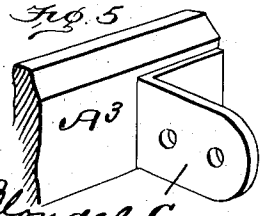
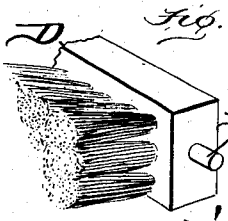


Fig. 6.



Witnesses

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No. 746,099. Patented December 8, 1903.

UNITED STATES PATENT OFFICE.

WILLIAM W. KERNS AND JACOB W. ACKLEY, OF BLOXOM, VIRGINIA.

PAPER-HANGING BRUSH.

SPECIFICATION forming part of Letters Patent No. 746,099, dated December 8, 1903.

Application filed September 26, 1903. Serial No. 174,798. (No model.)

To all whom it may concern:

Be it known that we, WILLIAM W. KERNS and JACOB W. ACKLEY, citizens of the United States, residing at Bloxom, in the county of Accomac and State of Virginia, have invented a new and useful Paper-Hanging Brush, of which the following is a specification.

Our invention is an improvement in brushes for hanging wall-paper and posters, and while this brush is adapted for use with our paper-hanging device for which application for patent was filed May 29, 1903, Serial No. 159,276, yet it is not limited to such use, as it is especially adapted for hanging paper or posters on side walls.

Our invention consists of the novel features of construction and combination of parts hereinafter described, particularly pointed out in the claims, and shown in the accompanying drawings, in which—

Figure 1 is a perspective view of the frame carried by the handle, the clamping-bar being shown in operative position and the frame shown as provided with a roller. Fig. 2 is a perspective view of the frame, showing the clamping-bar sprung back. Fig. 3 is a plan view of the under side of the frame, the parts being in the position shown in Fig. 1. Fig. 4 is a plan view of the under side of the frame, the clamping-bar being opened and the roller removed, a brush being substituted therefor. Figs. 5 and 6 are detail perspective views illustrating the means for securing the brush to the clamping-bar.

In this device it will be understood that the roller and brush are considered as equivalents, the use of either being optional and the results secured being practically the same.

In constructing our device we employ a handle A and a board A′, rotatably mounted on the upper end of the handle, the board being arranged edgewise on the handle and slightly inclined with reference to the handle. The upper edge of the board is smooth and slightly rounded, as shown at A^2. A clamping member A^3 has its lower edge spaced apart from the board A′ and is hinged to the board by the spring-hinges A^4, the leaves secured to the lower edge of the clamping member being in a higher plane than the leaves secured to the lower edge of the board A′. The upper edge of the clamping member is normally held by the spring-hinges A^4 against a side of the board A′. In order that the clamping member may be held out of contact with the board A′, a compound-curved pin B is arranged on the lower edge of the clamping member A^3, to one side and in advance of the handle A, and an elongated loop B′ is secured to the handle and engages the pin B. Rotary movement of the handle with reference to the board A′ will cause the loop to draw the pin inward toward the handle. The loop B′ is formed with an irregular angular outline, and by rotating the handle so that the pin is seated in one of these angles, as shown in Fig. 4, the clamping member will be spaced away from and held out of contact with the board A′, as is clearly shown in said figure.

Outwardly-projecting lugs C are secured to the ends of the clamping member, and in these lugs, which are of spring metal, are journaled the reduced ends of a roller C′. By pressing the lugs, or either of them, away from the roller it can be detached and the brush D can be substituted in place of the roller. At the ends of the brush are pintles D′, adapted to engage perforations in the lugs C.

The operation of our device is as follows: In working on a side wall an end of the paper is inserted between the clamping member A^3 and the board A′ and lifted to the proper position and there held firmly against the wall by the rounded edge A^2. By the time the paper is matched and the lower portion arranged so that it will hang properly the upper portion will have become attached to the wall by reason of the cohesive property of the paste which had been previously applied to the under surface of the paper, and by pressing the board A′ against the wall and turning the handle the loop B′ will engage the pin B, lifting the clamping member and releasing the end of the paper. The handle can then be turned so as to bring the brush or roller into play and the paper brushed or rolled down in the usual manner.

Having thus fully described our invention, what we claim, and desire to secure by Letters Patent, is—

1. A device of the kind described comprising a handle, a board rotatably mounted edgewise on the end of the handle, a clamp-

ing member connected to the board by spring-hinges, a pin carried by the clamping member, a loop carried by the handle adapted to be engaged by the pin, and means carried by the clamping member for holding a roller.

2. A device of the kind described comprising a handle, a board rotatably carried edgewise on the upper end of the handle, the board being inclined relative to the handle, and having a smooth rounded upper edge, a spring-pressed clamping member connected to the board, and means carried respectively by the handle and clamping-board for lifting the same out of contact with the board when the handle is rotated with reference to the board.

3. A device of the kind described comprising a handle, a board rotatably carried by said handle, a spring-pressed clamping member connected to the board, a compound-curved pin depending from the clamping member, an irregular, angular loop member carried by the handle and in engagement with the pin, and perforated lugs carried at the ends of the clamping member and adapted to hold the ends of a roller.

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Witnesses:
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