Jan. 20, 1953 R. E. GRUBBS 2,625,702

PAINT APPLICATOR

Filed Nov. 23, 1949

Fig. 1.

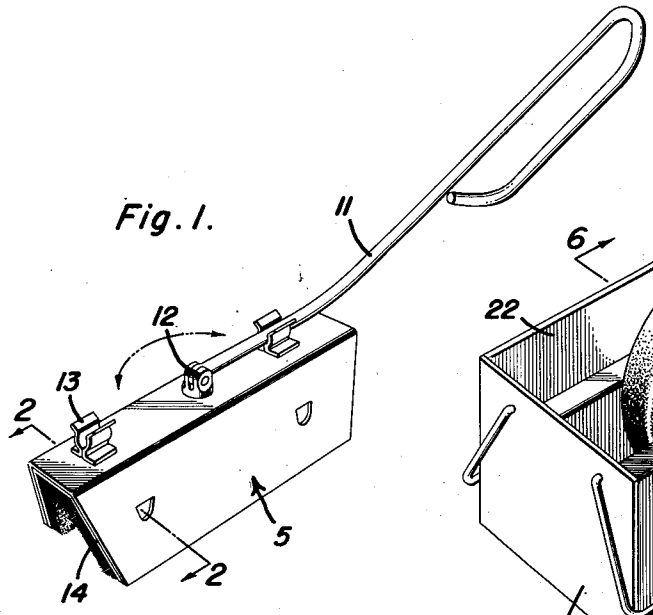


Fig. 5.

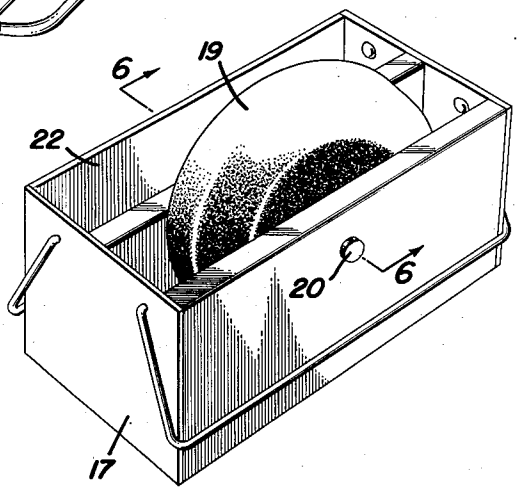
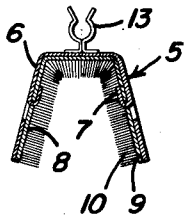


Fig. 2.



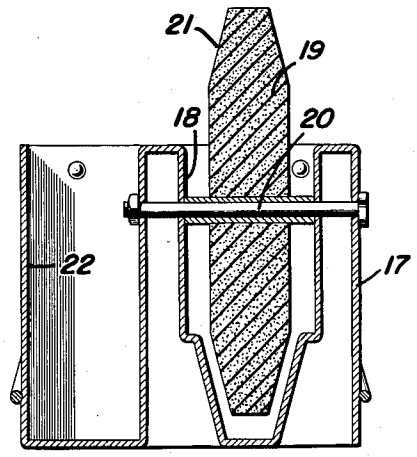


Fig. 6.

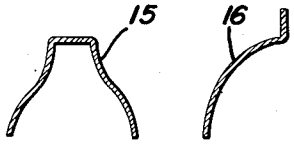


Fig. 3.

Fig. 4.

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PAINT APPLICATOR

Ralph E. Grubbs, Kansas City, Mo.

Application November 23, 1949, Serial No. 129,057

1 Claim. (Cl. 15—160)

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The present invention relates to new and useful improvements in paint applicators for applying paint to work which is difficult to reach with an ordinary paint brush, such as the cross bars of windows, the inside and outside edges of window sash, French doors, screen doors, base shoes, or various types of molding or edge work which are difficult to paint without spreading the paint onto adjacent surfaces.

An important object of the present invention is to provide a channel-shaped paint applicator by means of which the type of work referred to above may be easily, quickly and cleanly painted.

Another object is to provide a reversible handle for the channel-shaped applicator whereby the handle may be swung into a position at either end of the applicator.

A still further object is to provide a novel dispenser for supplying paint to the channel shaped applicator.

A still further object is to provide a device of this character of simple and practical construction, which is efficient and reliable in use, relatively inexpensive to manufacture, and otherwise well adapted for the purposes for which the same is intended.

Other objects and advantages reside in the details of construction and operation as more fully hereinafter described and claimed, reference being had to the accompanying drawings forming part hereof, wherein like numerals refer to like parts throughout, and in which:

Figure 1 is a perspective view of the applicator;

Figure 2 is a transverse sectional view taken on a line 2—2 of Figure 1;

Figures 3 and 4 are transverse sectional views of modified applicators for use with different types of work;

Figure 5 is a perspective view of the paint dispenser for use with the applicator; and

Figure 6 is a transverse sectional view taken on the line 6—6 of Figure 5.

Referring now to the drawing in detail, wherein, for the purpose of illustration, I have disclosed a preferred embodiment of my invention, the numeral 5 designates the applicator generally and comprises a channel-shaped back 6 of metal or other suitable material flaring in cross-section and having tongues 7 struck inwardly from the sides thereof and inserted through a brush lining 8 positioned on the inside of the back 6 for securing the brush in position therein.

The brush lining 8 may be constructed of suitable material, such as a fabric back 9 having a nap or bristles 10 suitably secured thereto.

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A handle 11 constructed of a rigid metal rod is pivoted at one end to the central portion of the back of channel member 6 by means of a bracket 12 for swinging the handle toward either end of the applicator and clips 13 are suitably secured to the back of channel member 6 adjacent each end thereof for selectively holding the handle 11 in a position with its outer end projecting outwardly beyond either end of the applicator.

The ends of the back 6 of the applicator may be inclined, as shown at 14, or otherwise shaped to conform to the construction of the work at the ends thereof to enable the applicator to work closely at the ends of the work. The handle 11 is bent to incline outwardly and upwardly of the back when swung to project beyond one end of the back, and to incline outwardly and downwardly of the back when swung to project beyond the other end of said back, whereby to facilitate handling the back when applying paint to different kinds of work.

In Figures 3 and 4 of the drawing, I have illustrated transverse sectional views of applicators 15 and 16 for use with work of different shapes.

In order to supply the lining 8 of the applicator with paint, I provide a tank 17 having an open top and including a paint holding chamber 18 in which a wheel 19 is journaled on a rod or shaft 20 supported transversely of the chamber and with the lower edge of the wheel immersed in paint contained in chamber 18.

The wheel 19 may be constructed of rubber or other suitable material and bevelled at its edge as shown at 21. The upper edge of the wheel projects upwardly above the tank 17 to project upwardly into the applicator 5 when the latter is placed on the wheel, and by moving the applicator forwardly and backwardly on the wheel, the lining 8 of the applicator will be supplied with paint from the wheel.

A chamber 22 may also be provided at one side of tank 17 for holding additional applicator brushes or linings 8.

In the use of the invention, the applicator is supplied with paint from the wheel 9 of the paint dispenser and the applicator then moved along the work to apply the paint thereto.

The handle 11 may be easily swung from one end of the applicator to the other to prevent interference with the free movement of the applicator by the handle.

In view of the foregoing description taken in conjunction with the accompanying drawings, it is believed that a clear understanding of the device will be quite apparent to those skilled in this

art. A more detailed description is accordingly deemed unnecessary.

It is to be understood, however, that even though there is herein shown and described a preferred embodiment of the invention, the same is susceptible to certain changes fully comprehended by the spirit of the invention as herein described and within the scope of the appended claim.

Having described the invention, what is claimed as new is:

A paint applicator comprising a channel-shaped back, a paint applying lining in the back, a handle pivoted to the rear of the back and swingable toward opposite ends thereof to project beyond the same, and means carried by the back holding the handle in either position, said handle being bent to incline outwardly and upwardly from the back when swung to project beyond one end of the back, and inclining outwardly and downwardly from the back when swung to project beyond the other end of said back.

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