March 25, 1958 H. F. GEISZ 2,827,648

PAINT REMOVER AND BRUSH FLATTENER

Filed Oct. 17, 1955

Fig. 1

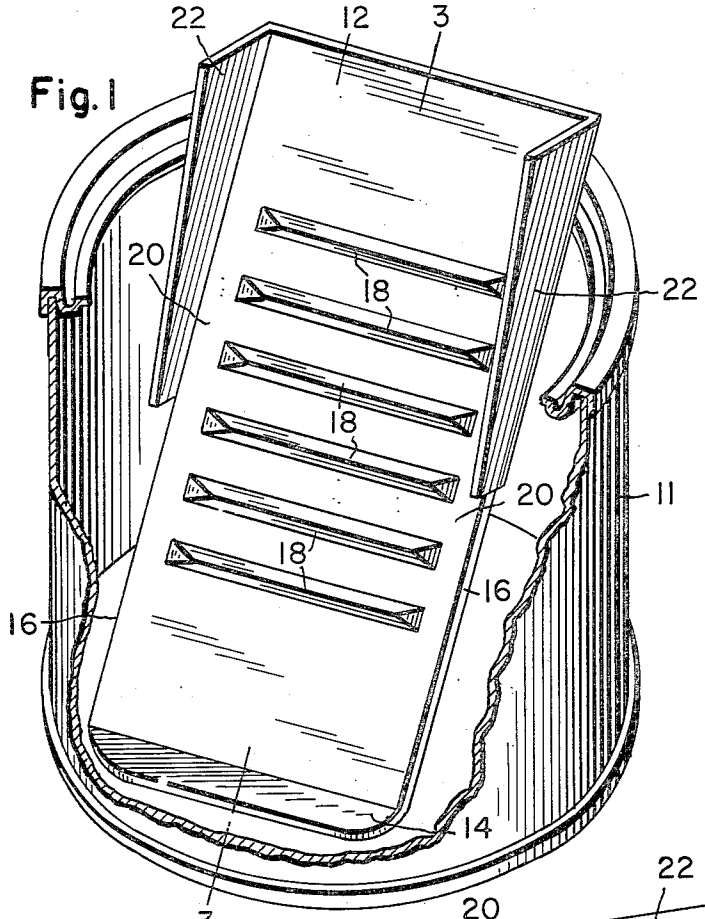


Fig. 3

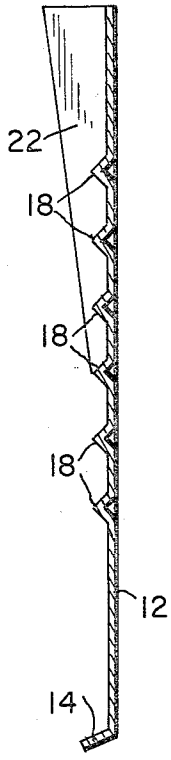
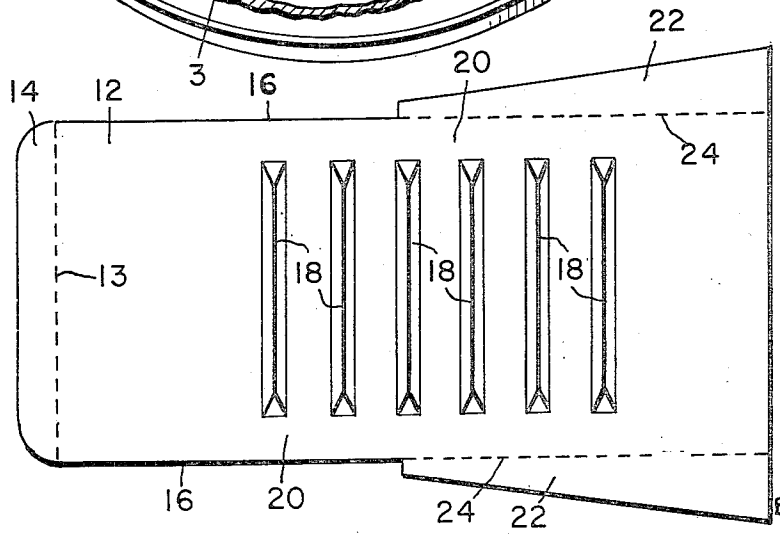


Fig. 2



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United States Patent Office 2,827,648
Patented Mar. 25, 1958

2,827,648

PAINT REMOVER AND BRUSH FLATTENER

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Application October 17, 1955, Serial No. 540,725

1 Claim. (Cl. 15—121.2)

This invention relates to paint brushes and more particularly to a device applicable to a paint container for the purposes of scraping paint off brushes and diverting same back to the container.

The primary object of the invention is to provide a new and improved device adapted to be mounted in a paint container in position to act against a brush dipped into the paint in such a manner as to reduce the amount of paint on the brush and also to flatten out the end of the brush for fine painting.

Another object of the invention is to provide a new and improved device of the above type for removing paint from brushes which can be readily and inexpensively constructed from many materials, such as wood, sheet metal, paper, plastics, and the like.

A further object of the invention is to provide a new and improved paint brush scraper of the above type which is simple in construction and reliable and efficient in operation.

With the foregoing and other objects and advantages in view, the invention consists in the preferred construction and arrangement of the several parts which will be hereinafter fully described and claimed.

For a clearer understanding of the invention and the objects thereof, reference is made to the accompanying drawing, wherein a particular form of the invention is indicated. This drawing when used in conjunction with the following description serves to illustrate the invention, its principles and the operation thereof, while the claim indicates the scope thereof.

In the accompanying drawing:

Fig. 1 is a perspective view of a device constructed in accordance with the preferred embodiment of the present invention, showing the same in operative position in a paint container which is partially broken away;

Fig. 2 is a plan view of the blank from which the device of Fig. 1 is adapted to be constructed of sheet material; and

Fig. 3 is a vertical longitudinal section taken along the line 3—3 of Fig. 1.

Referring to the drawing, the new and improved device for removing excess paint from a brush dipped into a paint container 11, comprises an elongated substantially flat rectangular body 12 of sheet material for mounting in the container 11. The body 12 may be constructed of any suitable material, such as wood, metal, paper, plastic, and the like. In the present instance the body 12 of the device is shown as being constructed of paper material, such as oiled cardboard of suitable thickness to provide a substantially rigid body.

Adjacent one end, the body 12 of the sheet material is scored, as indicated at 13, Fig. 2, and this end portion is bent upwardly at an angle with respect to the plane of the main portion of the body to provide a flange 14 (see Figs. 1 and 3.) The flange 14 constitutes means for supporting the device, when said device is mounted

in the paint container 11 with the flange 14 resting on the bottom of said container in the manner shown in Fig. 1. The body of the device should have such a length so that when the lower flanged portion 14 thereof is resting on the bottom of the container 11, the upper portion of said body will project upwardly a distance above the top of the container. The body 12 has any width desired, and said body is formed with substantially parallel straight side edges 16.

Formed transversely in spaced apart relationship on the upper surface of the body 12 is a series of corrugations 18, constituting means adapted to act against a brush dipped into the paint for scraping excess paint from the brush and at the same time flattening out the ends of the bristles of the brush to a fine point for painting. The ends of the corrugations 18 terminate at a distance inwardly from the side edges 16 of the body 12 so as to provide a smooth plain surface 20 along each side of the body down which surface paint removed from a brush can unobstructedly flow back toward the bottom of the container 11.

In order to provide means by which excess paint removed from a brush is directed downwardly into the container 11 and thereby prevented from flowing laterally over the upper exposed sides of the body 12, flanges 22 are provided at the upper portion of said body. As shown in Fig. 2, the blank of material from which the device is formed, has score lines 24 at each side, which score lines are arranged substantially as a continuation of the side edges 16 so that the sheet material used in forming the flanges 22 can be bent upwardly at an angle with respect to the plane of the upper surface of the body 12 in the manner shown in Fig. 1. The flanges 22 extend from the top or upper edge of the device downwardly a suitable distance so that the lower portions of said flanges will be disposed within the container. The flanges 22 together with the upper portion of the body provide a channel for confining excess paint removed from a brush. The construction and arrangement of the parts is such that paint removed from a brush will not spill over onto the top of the container 11. Also, when a brush is drawn upwardly on the device after being dipped into the paint in the container 11, the corrugations 18 will bring the ends of the paint brush bristles to a chisel-like edge, so that an even distribution of paint over the surface painted can be produced without excessive brushing. Furthermore, by draining excess paint back into the container in the manner above described, paint will be kept from collecting on the upper edge and running down the outside wall of the container.

While a preferred form of the invention is shown in the drawing and described in the specification, it is not desired to limit this application for patent to this particular form, as it is appreciated that other forms of construction could be made that would use the same principles and come within the scope of the appended claim.

Having thus described the invention what is claimed is:

As an article of manufacture, a device for removing excess paint from a brush dipped into a container of paint, comprising, an elongated substantially flat rectangular body of sheet material for mounting in said container, an outwardly extending supporting flange located at an angle to the plane of said body and arranged substantially parallel to the bottom of said container when positioned therein for resting said device on the bottom of said container, said rectangular body of said device being of greater length than the height of said container so that the upper portion of said body projects upwardly a distance above the top of said container, said body having substantially straight parallel side edges, a series

of corrugations formed transversely of said body in spaced apart relationship on the upper surface of said body for scraping excess paint from said brush, the ends of said corrugations terminating at a distance inwardly from the side edges of said body, and flanges extending outwardly and transversely from the upper portions of said side edges of said body and spaced from said supporting flange, with the upper edges of said flanges being inclined to the plane of said body for preventing surplus paint removed from said brush from flowing laterally over the side edges of said device.

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