May 15, 1951 H. W. HECKMAN 2,553,453

PAINTBRUSH GUIDE ATTACHMENT

Filed Feb. 27, 1946

FIG. 1

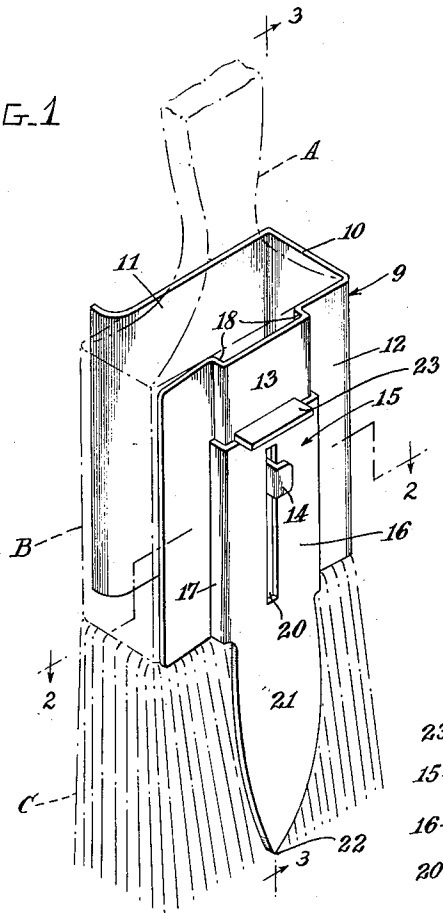


FIG. 2

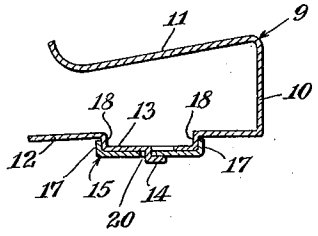


FIG. 4

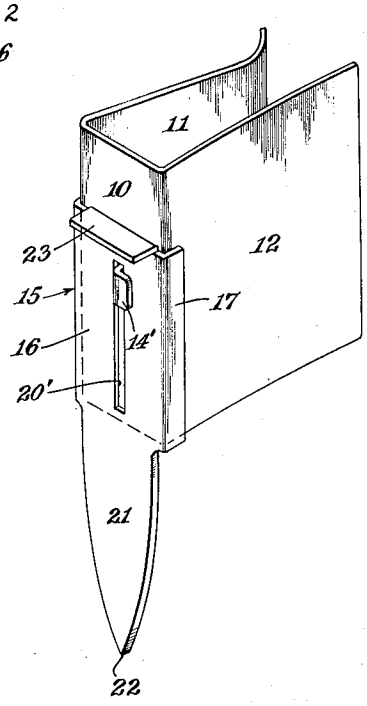
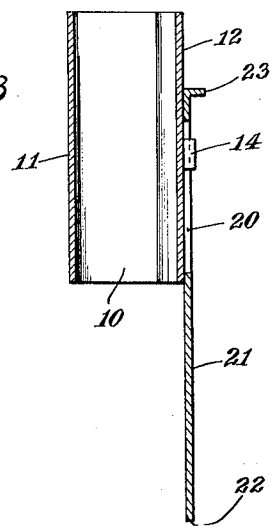


FIG. 3



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PAINTBRUSH GUIDE ATTACHMENT

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2 Claims. (Cl. 15—246)

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This invention relates to new and useful improvements in guide attachments for paint brushes.

An object of the invention is to provide a simple, efficient, cheap durable attachment for a brush which will enable a painter to guide it along the edge of a narrow surface and control the application of paint to that surface without danger of the paint extending outside the desired area.

A further object is to provide a guide which can be easily and quickly applied to and removed from a brush and which can, while on the brush, be moved to an operative or inoperative position with ease by the flick of a finger. By such construction the operator may slide the guide to a retracted position when dipping the bristles into the paint can, thus preventing the guide from coming in contact with the paint.

Further and more specific objects, features, and advantages will more clearly appear from the specification hereinafter set forth especially when taken in connection with the accompanying drawings which illustrate a present preferred form which the invention may assume and which form part of the specification.

In brief and general terminology, the invention comprises a metal member with spring walls adapted to be slipped over the base of a brush. On this member is a guide plate disposed thereon to be slid up and down to assume operative and inoperative positions with respect to the free ends of the bristles of the brush. When in operative position the lower finger end of the guide plate is disposed in line with the free ends of the bristles and lies alongside one face of them in order to rest on the edge of a surface being painted, such as the edge of a window sash or window sill, to hold the brush in proper relation to the surface to be painted and prevent surfaces or areas beyond that edge being painted which would happen if something was not provided to guide the hand of the painter with certainty and with more assurance than the normal steadiness of his hand.

Thus there is provided a device which enables this result to be simply achieved and at the same time permits the workman to paint much more rapidly than if he had to control the run of the brush by means merely of the steadiness of his hand.

The present preferred forms which the invention may assume are illustrated in the drawings in which,

Figure 1 is a perspective view of the device attached to a paint brush, the brush being shown in dot and dash lines.

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Figure 2 is a horizontal cross through the attachment taken on the line 2—2 of Figure 1.

Figure 3 is a vertical section taken on the line 3—3 of Figure 1.

Figure 4 is a perspective view of a modified form of the device.

The attachment which constitutes this invention is adapted to be applied to a paint brush which has a handle A, a body or base portion B, and bristles C. The device comprises a resilient U-shaped member 9 having an end wall 10 and spaced opposed side walls 11 and 12 which lie closely along the sides of the body B and are preferably of spring metal to resiliently press against the body B.

In the form of the invention shown in Figures 1, 2, and 3 the side wall 12 has an outwardly off-set portion 13 having an L-shaped member or bent lug 14 struck outwardly therefrom. The guide member 15 employed includes a U-shaped portion 16 having inwardly turned side flanges 17—17 to lie alongside of and embrace the side walls 18—18 respectively of the off-set portion or guide rib 13. The portion 16 of the guide member 15 has a vertical elongated slot or guideway 20 therein through which the L-shaped member 14 extends to facilitate the manual raising or lowering of the guide member. The top of the portion 16 is provided with an outwardly extending lip 23. Integral with the portion 16 and extending downwardly therefrom is a guide element or finger 21 preferably having its side edges converging to a pointed lower end 22. The guide finger 21 extends generally all the way down to the lower end of the bristles C when the member 15 is moved down to its lowermost operative position. When the guide member 21 is not to be used and when the brush is to be dipped into the paint can, the member 15 is moved upward to retracted position by placing the finger under the lip 23 and lifting upwardly thereon, thus sliding the guide element upward clear of the bristles.

In the modified form of the invention shown in Figure 4 in perspective, the device is substantially the same and the same numerals have been used to denote identical parts. However, in this form, the slide member 15 is provided with the slot 20' in the end wall 10 instead of in the side wall 12. This change is for the purpose of enabling the attachment to be used in instances where the broad side of the brush is to be drawn over the surface to be painted. In this modification the end wall 10 is provided with a struck-

out L-shaped member 14' projecting through the slot 20'. In other respects the construction is the same as above described.

The invention in each of the forms shown includes a metal clip-like member adapted to embrace the body of a brush and with a slidable guide plate thereon having a dependent finger portion 21 to lie alongside of the bristles to enable the painter to guide his brush when painting the edges of windows, sills, or narrow portions where it is desirable not to have the brush run over an edge or a line. This construction enables this result to be achieved with little effort on the part of the workman. It is a device in which the guide member can be readily and easily moved to either an operative or an inoperative position with the flick of a finger. Also, the device may be easily removed from the brush for cleaning the same and for cleaning the brush.

While the invention has been described in detail and with respect to a present preferred form which the invention may assume, it is not to be limited to such details and forms since many changes and modifications may be made in the invention without departing from the spirit and scope of the invention in its broadest aspects. Hence it is desired to cover any and all forms and modifications of the invention which may come within the language or scope of any one or more of the appended claims.

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

1. A device of the class described comprising a resilient U-shaped clamp member open at one side to receive the body of a paint brush above the bristles thereof, said member having an offset guide rib on the outer face of one side extending over the full length of said member and lengthwise of said brush, a member having side flanges engaging said offset guide, one of said members presenting a longitudinal guide slot and the other a bent lug engaging said slot and holding said members together, so that the second-named member can be moved on the body of the brush, said second-named member having a tapered element extending beyond the first member, to be flush with the ends of the bristles of the brush when the second-named member is in operative position, said element lying alongside the bristles.

2. A device of the class described comprising a resilient U-shaped clamp member open at one side to receive the body of a paint brush above the bristles thereof, a member having side flanges overlapping parallel edges of the clamp member, one of said members presenting a longitudinal guide slot and the other a bent lug engaging said slot and holding said members together, the second-named member having a tapered element extending beyond the first member, to be flush with the ends of the bristles of the brush when the second-named member is in operative position, said element lying alongside the bristles.

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