Sept. 13, 1955 H. J. HANHART 2,717,407

PAINT BRUSH GUIDE

Filed March 6, 1953

Fig. 1

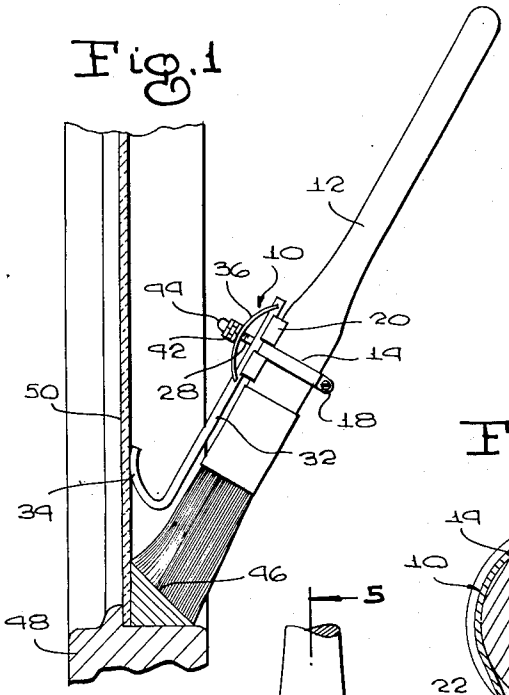


Fig. 2

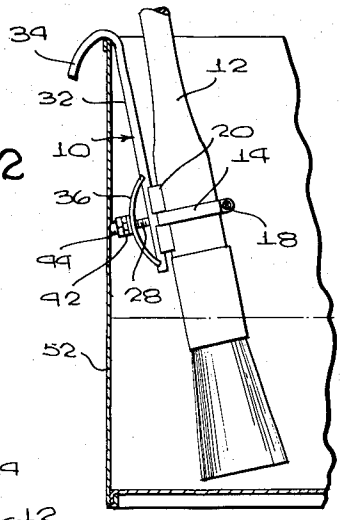


Fig. 4

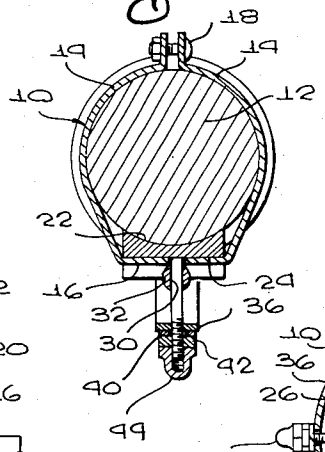


Fig. 5

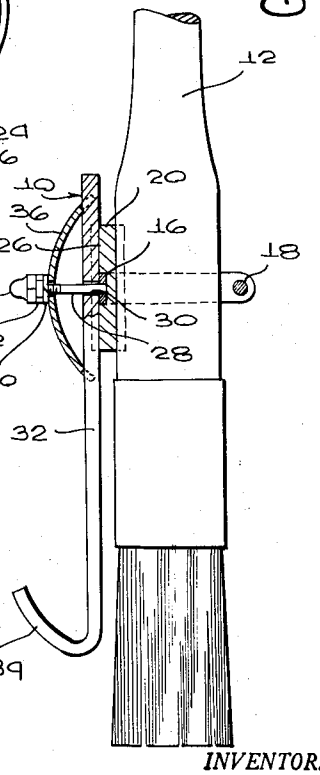


Fig. 3

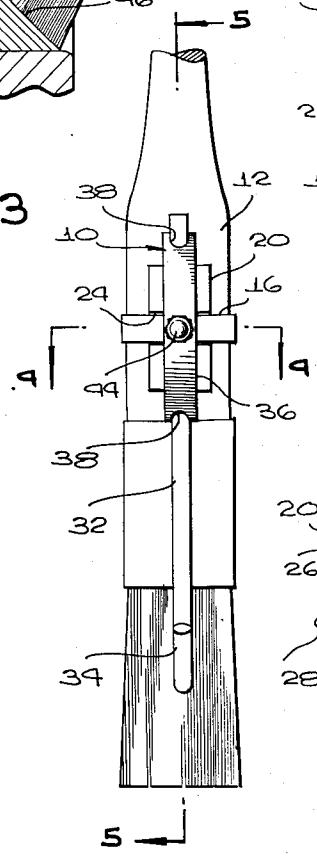
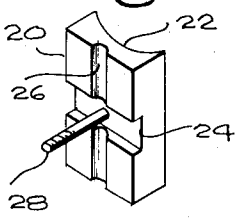


Fig. 6



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PAINT BRUSH GUIDE

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2 Claims. (Cl. 15—246)

This invention relates to a paint brush guide, and more particularly, has reference to a guide adapted to be detachably connected to a paint brush handle, with said guide being so formed as to engage an adjacent surface, for facilitating straight line movement of the brush.

One important object of the present invention is to provide a guide of the type stated which can be adjustably mounted upon the paint brush handle, whereby to define, in one of its positions of adjustment, a guide for the brush, said guide in another adjusted position defining a support hook whereby the brush can be suspended within a suitable container.

Another object of importance is to provide a guide as stated which is particularly adapted to facilitate the painting of straight, narrow work surfaces, such as the putty seams of window frames.

Still another object is to provide a guide as stated which will be so formed as to not interfere with normal painting operations, the adjustable mounting of the guide being particularly adapted, in this regard, for disposition of the guide in an inoperative position.

Yet another object is to provide a guide as described having yielding means associated therewith tending to hold the guide in each of its positions of adjustment, said yielding means being adjustable as to the tension thereof.

Still another object is to provide a paint brush guide which can be manufactured at relatively low expense, and can be connected to any one of a number of different paint brush handles varying in respect to the cross sectional area and shape thereof.

Other objects will appear from the following description, the claims appended thereto, and from the annexed drawing, in which like reference characters designate like parts throughout the several views, and wherein:

Figure 1 is a sectional view through a window frame, in which the paint brush guide, and an associated paint brush, are illustrated in side elevation, in proper position for painting a putty seam;

Figure 2 is a reduced side elevational view of the guide and paint brush, showing the guide adjusted to a position in which it will serve as a hanger for the brush whereby the brush can be suspended within a container, said container being illustrated fragmentarily and in section;

Figure 3 is an enlarged elevational view of the guide taken from the left of Figure 1, an associated paint brush being illustrated fragmentarily;

Figure 4 is a transverse sectional view, the scale being enlarged still futher, taken substantially on line 4—4 of Figure 3;

Figure 5 is a view of the guide partly in longitudinal section and partly in side elevation, the associated paint brush being illustrated fragmentarily; and

Figure 6 is a perspective view of a support block forming a part of the guide.

The paint brush guide constituting the present invention has been designated generally at **10**, and as will be noted from the drawing, is connectible to a conventional paint brush **12**.

For connecting the guide to the paint brush handle, I provide a clamp means including spring arms **14** integrally connected, at one end, by a relatively short, straight bight **16**, the other ends of said arms being formed with outwardly extended, spaced ears having transversely aligned openings through which extends a connecting screw **18**. The screw is provided with a nut which, when tightened, causes the arms **14** to tightly grip a handle about which they are circumposed.

A support block has been designated by the reference numeral **20**, and has an arcuately indented inner face **22** which substantially complements the transverse curvature of the associated surface of the paint brush handle.

Formed in the block **20**, and extending from side to side of its outer face, is a transverse groove **24**, receiving the bight **16**. A longitudinal groove **26**, formed in said outer face of block **20**, is disposed normally to the groove **24**, and is transversely curved in cross section.

At the point of crossing of the transverse and longitudinal grooves of the block **20**, I provide a pivot pin **28**, said pin being embedded at its inner end in the block **20**, and projecting outwardly from the block. The pin **28** is extended through a transverse opening **30** formed in one end portion of a guide member **32**. Guide member **32**, for the greatest part of its length, is of straight formation, said guide member being so proportioned as to be engageable in the longitudinal groove **26** of the support block **20**.

The other end portion of the guide member **32** is projected laterally, and is bent in the direction of the first-named end portion of said rod member, to define a hook **34**. The hook **34**, as will be noted from Figure 1, is adapted to provide a guide, during painting operations, the use of the hook as a guide being discussed in greater detail hereinafter.

Arranged longitudinally of the first-named end portion of the guide member **32** is a longitudinally bowed leaf spring **36**, the ends of which are formed with notches **38** receiving the guide member, whereby said ends of the spring are enabled to slide longitudinally of the guide member. Medially between its ends, spring **36** has an opening receiving the outer end portion of the pivot pin **28**, said outer end portion of the pivot pin projecting through the opening of the spring and being provided with a lock washer **40**. A nut **42** is threaded on the projecting end of the pivot pin against the washer **40**, and threaded upon the pivot pin against nut **42** is a cap nut **44**.

It will be seen that this construction permits the spring to be adjustably tensioned relative to the guide member **32**, it being apparent that threading of the nuts **42**, **44** inwardly toward the spring will increase the pressure with which the spring bears against the guide member **32**.

By reason of this arrangement, the guide member **32** is arranged longitudinally of the paint brush handle on which it is mounted, said guide member being reversible end for end within its associated groove **26**, between a first position shown in Figure 1, and a second position shown in Figure 2.

In the first position of the guide member **32**, the hook **34** is disposed laterally of the midlength portion of the bristle end of the paint brush. As a result, the guide can be effectively used in painting a relatively narrow, straight surface such as a putty seam **46** extending along a rail of a window frame **48** in which is mounted a pane **50**. The hook **34** will slidably contact the pane **50**, during movement of the paint brush longitudinally of the putty seam, so as to guide the paint brush during said movement and insure the accurate painting of said seam.

In this way, no paint will impinge upon the pane **50**,

or upon the part of the window frame adjacent the putty seam.

The device can, of course, be used as a guide in painting other surfaces, although as will be appreciated, it is particularly effective in painting putty seams of the type shown.

Referring to Figure 2, it may be noted that the guide member **32** can be lifted out of the groove **26**, and reversed end for end within said groove, the spring **36** yielding to permit this adjustment. When the guide member has been reversed in this way, the spring **36** will again hold the same firmly in the groove **26**. However, the hook **34** will now be faced downwardly, adjacent the upper end of the paint brush. The hook, in this position, serves to support the paint brush within a container **52**, containing an oil or solvent designed to keep the brush soft while not in use.

It will be seen from the above that the device, though capable of manufacture at low cost, is nevertheless adapted to serve both as a paint brush guide and as a brush hanger, depending upon the position to which the guide member **32** is adjusted. Further, the device can be readily secured to paint brushes of various sizes and cross sectional shapes, and when so secured, is especially adapted for the painting of putty seams or other straight, narrow strips located adjacent a surface such as that defined by the pane **50**.

As examples of other surfaces which can be painted, I have in mind interior trim, base boards, and coves at the corners of rooms or at the ceilings of said rooms.

It is believed apparent that the invention is not necessarily confined to the specific use or uses thereof described above, since it may be utilized for any purpose to which it may be suited. Nor is the invention to be necessarily limited to the specific construction illustrated and described above, since such construction is only intended to be illustrative of the principles of operation and the means presently devised to carry out said principles, it being considered that the invention comprehends any minor change in construction that may be permitted within the scope of the appended claims.

What is claimed is:

1. A paint brush guide comprising: a support block; clamp means carried by said block and extendable about a paint brush handle for separably connecting the block to the handle, said block having an end to end groove; a guide member carried by the block, said guide member having a laterally projected hook at one end providing a guide, the other end of said guide member being pivotally connected to the block and seated in said groove, said guide member being reversible end for end within the groove for adjustable positioning of the guide member relative to a paint brush handle; and yielding means associated with said guide member and resiliently tensioned to hold the guide member within the groove.

2. A paint brush guide comprising a support block detachably connectible to a paint brush handle, said support block having an end to end groove extending longitudinally of the handle when the block is connected thereto; a pivot pin projecting outwardly from the block within said groove; a guide member pivoted upon said pin and seated within the groove, said guide member being reversible end for end within the groove and having a hook portion, said hook portion in one position of the guide member being adapted to define a guide, the hook portion being adapted, in the reversed position of the guide member, as a hanger facilitating supporting of the paint brush upon a container; and a bowed leaf spring carried by said pivot pin, said leaf spring being engaged at its ends with the guide member and being tensioned to hold the guide member in said groove, said pin having means for adjusting the tension of said spring.

References Cited in the file of this patent

UNITED STATES PATENTS

517,868	Krichbaum	Apr. 10, 1894
2,237,923	Brainard	Apr. 8, 1941
2,553,453	Heckman	May 15, 1951
2,584,504	Seeber	Feb. 5, 1952

FOREIGN PATENTS

774,029	France	Sept. 10, 1934