Oct. 27, 1970 J. P. VAUGHN 3,536,285

CLAMPING MEANS FOR A PAINT BRUSH AND THE LIKE

Filed June 28, 1968 2 Sheets-Sheet 1

FIG. 1.

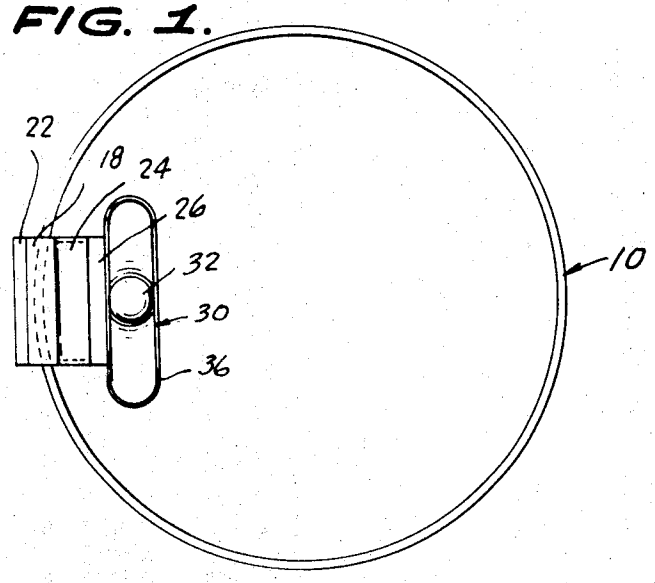


FIG. 2.

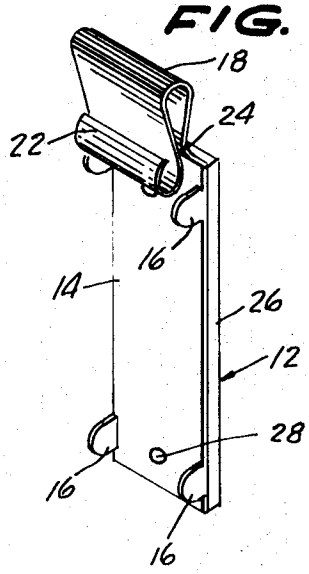


FIG. 3.

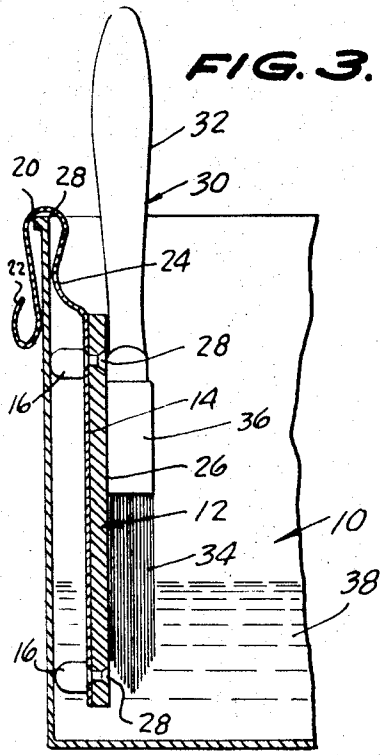
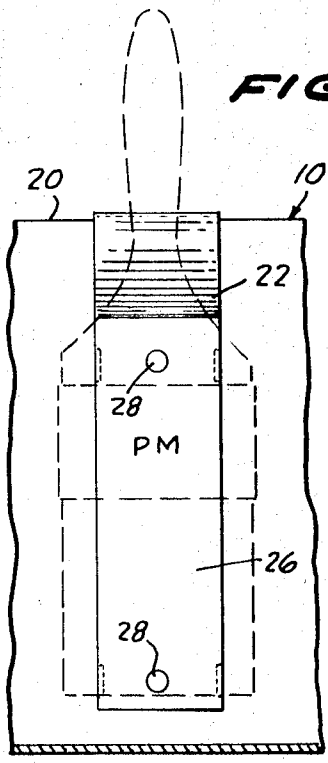


FIG. 4.



INVENTOR.
JAMES P. VAUGHN,
BY
Berman, Davidson & Berman.
ATTORNEYS.

Oct. 27, 1970 J. P. VAUGHN 3,536,285

CLAMPING MEANS FOR A PAINT BRUSH AND THE LIKE

Filed June 28, 1968 2 Sheets-Sheet 2

FIG. 5.

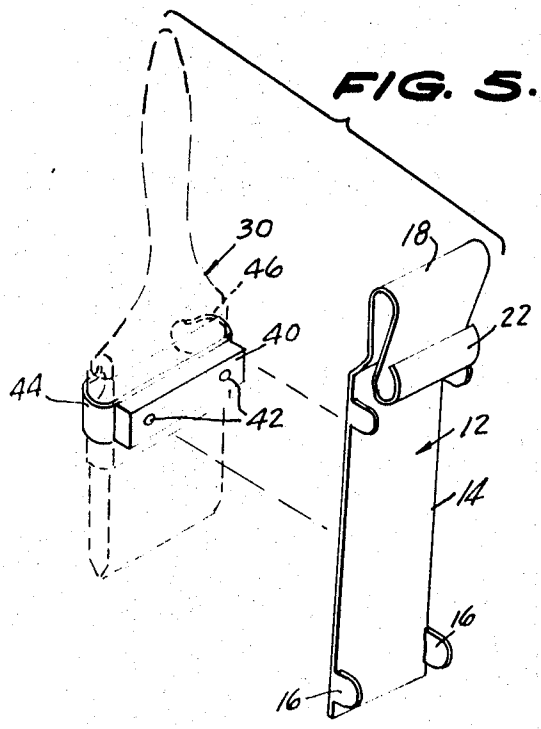


FIG. 6.

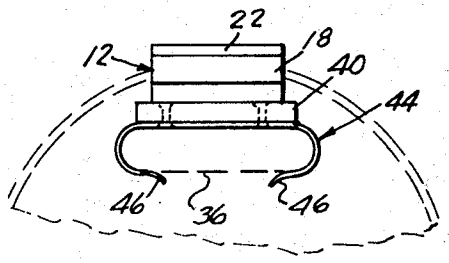


FIG. 11.

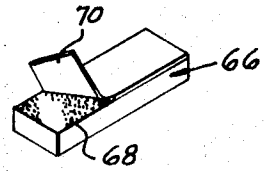


FIG. 8.

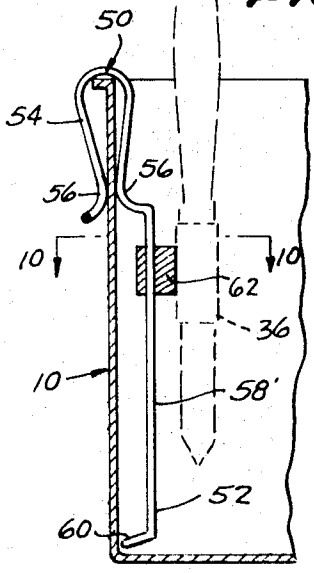


FIG. 7.

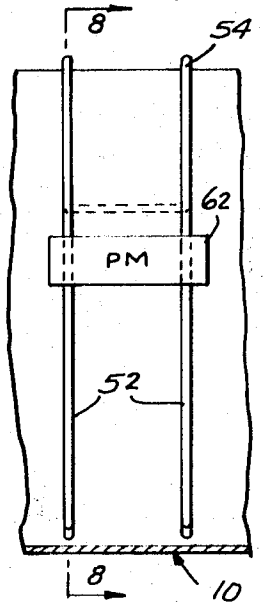


FIG. 9.

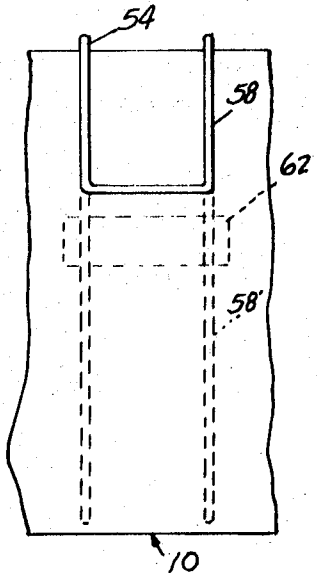
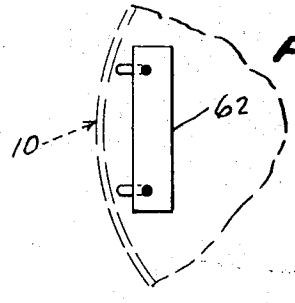


FIG. 10.



INVENTOR.
JAMES P. VAUGHN,

BY

Berman, Davidson & Berman,
ATTORNEYS.

United States Patent Office 3,536,285
Patented Oct. 27, 1970

3,536,285

CLAMPING MEANS FOR A PAINT BRUSH AND THE LIKE

James Preston Vaughn, 3403 Connelly Lane, Chattanooga, Tenn. 37415

Filed June 28, 1968, Ser. No. 741,021
Int. Cl. A46b 17/02
U.S. Cl. 248—206 2 Claims

ABSTRACT OF THE DISCLOSURE

Apparatus for clamping to a paint container including bracket means fitting over the edge of a container or paint bucket with magnetic means secured thereto for retaining and holding magnetically a paint brush and the like against the magnetic means when the paint brush is not in use.

The present invention relates to a support or a holder for brushes, and more particularly to a support that can be readily attached to and detached from a plastic or a metallic paint bucket, for supporting a handled brush from and within the wall of the container.

It is an object of the present invention to provide an economical and easily manufactured bracket or brush holder that can be readily placed over the edge of a paint bucket or container without requiring any mechanical means for attachment to the bucket or container, and which is further provided with magnetic means for holding a handled paint brush.

Another object of the present invention is to provide a bracket or brush holder for establishing a magnetic surface for magnetically attracting a metallic surface on a paint brush to magnetically hold and clamp the paint brush within the walls of the paint bucket or container and at various predetermined levels therein, as desired.

Yet another object of the present invention is to provide a bracket or brush holder or support member for holding a paint brush within the wall of a paint bucket which is provided with wire means along which a magnet can be slidably adjusted in a vertical direction so that the magnet will magnetically hold a handled paint brush within the bucket at any predetermined and desired level therein.

Another object of the present invention is to provide a bracket that can be clipped over the edge of a paint bucket and a handled paint brush that is provided with magnetic means thereon for securing the paint brush to the support or brush holder means or bracket clipped over the upper edge of the bucket.

Various other objects and advantages of the present invention will be readily apparent from the following detailed description when considered in connection with the accompanying drawings forming a part thereof, and in which:

FIG. 1 is a plan view of a paint brush holder and a handled paint brush clipped over the edge of a paint bucket, with the brush being magnetically retained by the holder;

FIG. 2 is a perspective view of the brush holder or support member shown in FIG. 1;

FIG. 3 is a vertical section of the embodiment of the invention shown in FIG. 1;

FIG. 4 is a view of the brush holder or support member as seen from the interior of the paint bucket;

FIG. 5 is a view of another embodiment of the invention illustrating magnetic means attached to a paint brush for securing to the brush holder;

FIG. 6 is a plan view of the embodiment of the invention shown in FIG. 5, illustrating the brush attached

to the brush holder after the brush holder has been affixed to a paint bucket;

FIG. 7 is another embodiment of the present invention in which the brush holder comprises wire means and the magnetic means secured thereto is adjustable;

FIG. 8 is a side view of the embodiment of the invention shown in FIG. 7, taken along the lines 8—8 of FIG. 7;

FIG. 9 is a view similar to FIG. 7, except that it is taken looking at the bracket or brush holder support from outside of the paint bucket;

FIG. 10 is a view taken along the lines 10—10 of FIG. 8;

FIG. 11 illustrates a magnet which can be adhesively secured to a brush so that the brush has the magnet attached thereto and the magnet may, in turn, be secured to the bracket or brush holder.

Referring to the drawings, the reference numeral **10** generally designates a paint bucket or container for holding paint therein. The paint bucket is provided with a brush holder or support member **12** for clipping over the upper edge of the paint bucket for retaining or holding a paint brush within the confines of the paint bucket circumferential wall.

The brush holder **12**, as shown in FIGS. 1 to 4, includes a sheet metal member with a vertical, rectangular plate **14** with horizontally extending, spaced feet **16** on each corner thereof. The upper end of the vertical plate **14** is provided with a U-shaped configuration **18** forming a clip portion for snapping the upper end of the brush holder over the upper edge **20** of the paint bucket. The lower end of the U-shaped clip portion **18** is provided with a reverse or rolled-over bend **22** for guiding the clip over the edge of the paint bucket in an easy manner. It will be noted that the U-shaped clip portion **18** is offset from the vertical plate **14** by a curved portion **24** between the upper edge of the plate **14** and the U-shaped clip portion **18**. A substantially rectangular bar magnet **26** is secured to the side of the plate **14** facing inwardly in the paint bucket, as best seen in FIG. 3. The magnet **26** may be riveted by rivet **28** to the plate **14** or it may be secured thereto by any other suitable means.

After the brush holder **12** has been clipped or pressed over the upper edge of the paint bucket, as shown in FIG. 3, a paint brush **30**, having a handle **32** and a brush end **34** and a metallic circumferential band **36**, to which the handle is secured and the bristles of the brush end **34**, is magnetically secured or fastened to the brush holder by placing the circumferential metallic band **36** against the magnetic surface of the magnet **26**.

Thus, the paint brush support or holder of the present invention is adapted to hold the paint brush within the confines of the paint bucket by merely placing the brush **30** against the magnet. It will also be noted that the vertically disposed magnet **26** enables the brush to be placed against the brush holder at various levels within the confines of the paint bucket so that the bristles of the brush end **34** may always be disposed within the paint indicated by **38** in FIG. 3.

Referring to the embodiment of the invention shown in FIGS. 5 and 6, this is substantially the same as that already described in connection with FIGS. 1 to 4, except that the brush holder **12** does not have any magnet. Instead the brush **30** is provided with a horizontal bar magnet **40**, provided with rivets **42** securing it to a split, elongated, resilient clamp **44**, having arcuate slip portions **46**, which bear against the usual brush band **36**. The magnet **40** and the clamp **44** may be removed from the brush by spreading or pulling away the clip portions **46** until the brush is released from the clamp.

In this embodiment of the invention, the brush is secured to the brush holder **12** by disposing the magnet **40** thereagainst.

Referring to the embodiment of the invention shown in FIGS. 7 to 10, the brush holder **50** comprises a wire type of brush holder with two round wire members **52** spaced laterally of each other and with their upper ends provided with a U-shaped clip **54**, which has its lower inner and outer ends **56** and **58** curved toward each other so as to resiliently clip over and bear against the wall of the paint bucket **10** to properly hold it in place secured to the paint bucket. The portion of the brush holder **50** disposed within the confines of the circumferential wall of the bucket extends vertically downwardly, as indicated at **58'**, below the portion **56**, and the lower ends of the wire members **52** are provided with outwardly extending portions **60** which bear against the inner surface of the wall of the paint bucket, so that the wire members **52** are disposed in a vertical position and spaced away from the wall of the bucket. A bar magnet **62**, which extends horizontally of the wire members **52**, is provided with two drilled holes therein and is disposed on the wire members for vertical adjustment thereon. The drilled holes through the bar magnet are of sufficient dimension so that the magnet **62** can be moved upwardly and downwardly along the wire members to any vertical position desired, and so that the magnet will remain in this position until again moved to another vertical position. The paint brush **30** may then be secured to the magnet **62** by placing the metal band **36** against the magnet **62**, after the brush holder has been properly clipped over the edge of the paint bucket, and after the magnet **62** has been properly positioned on the wire members at its desired vertical level.

Referring to the embodiment of the invention illustrated in FIG. 11, this illustrates a horizontal bar magnet **66** having an adhesive surface **68** thereon, which is covered by a removable tape **70**. In this modification, or embodiment of the invention, this magnet **66** is secured to the circumferential band **36** of a paint brush by peeling off or removing the tape **70** and pressing the self-adhering adhesive **68** to the metallic band of the brush. The magnet is then secured to the brush **30** and provides a brush with a magnet secured thereto, as illustrated in the invention shown in FIG. 5. The brush is then secured to a brush holder, such as that shown in FIG. 5, by pressing the brush and its magnet **66** against the plate **14** of the brush holder.

Thus, from the foregoing description, it is apparent that the present invention provides a brush holder for paint brushes and the like, in which the brush holder is clipped over the edge of a paint bucket, and is provided with magnetic means for securing the paint brush and the brush holder together, so that the brush holder will hold the brush at any desired vertical level within the confines of a paint bucket.

It is further apparent from the present invention that the magnetic means may be either disposed upon the brush holder or upon the paint brush itself, and it is further apparent from the foregoing description that the paint brush may be secured to the brush holder at various vertical levels within the paint bucket, and also that the magnetic means may be vertically adjusted with respect to a brush holder.

Various changes may be made in the form, location and relative arrangement of the several parts without departing from the essential characteristics of the invention.

What is claimed is:

1. A paint brush holder comprising a pair of spaced parallel rod members, means to support said rod members in an upright position in a paint can, an elongated permanent bar magnet transversely-mounted on said rod members for magnetic coaction with a portion of a paint brush, whereby to support said paint brush substantially upright on the paint can, and means to adjust the permanent magnet along the rod members, whereby the paint brush can be supported at an adjustable level in the paint can, wherein the permanent magnet comprises a bar magnet having parallel holes slidably-receiving the rod members, wherein said means to support said rod members comprises substantially U-shaped resilient configurations at the top ends of the rod members for clipping over the top edge of the paint can, wherein the rod members have laterally-extending feet on their lower ends engageable with the wall of the paint can, and wherein said U-shaped configurations are offset laterally with respect to the rod members substantially in the same direction as said laterally-extending feet.

2. The paint brush holder of claim **1**, and wherein the ends of the U-shaped configurations are integrally-connected by a transversely-extending section of rod, whereby the rod members, the U-shaped configurations, and said feet can be formed from a single piece of rod stock.

References Cited

UNITED STATES PATENTS

2,297,806	10/1942	Smith	248—206 X
2,424,099	7/1947	Kell	248—110
2,450,736	10/1948	Pierce	248—113
2,642,999	6/1953	McPherson	211—65
2,844,256	7/1958	Campbell	248—113 X
2,959,832	11/1960	Baermann.	
3,425,012	1/1969	Gottinger	335—285

ROY D. FRAZIER, Primary Examiner

J. FRANKLIN FOSS, Assistant Examiner

U.S. Cl. X.R.

211—65; 248—110; 335—285