April 10, 1962 M. B. MOTT 3,029,054

PAINT PAIL AND BRUSH HOLDER

Filed July 20, 1959

FIG.1.

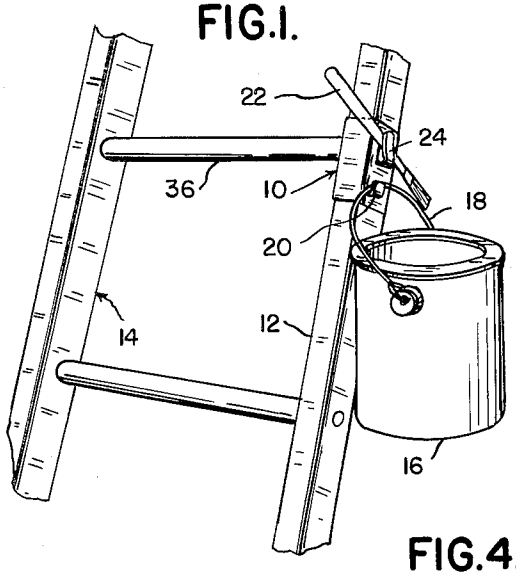


FIG.2.

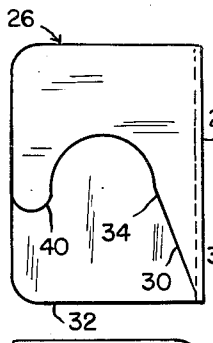
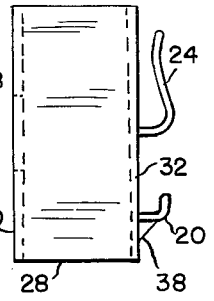


FIG.3.



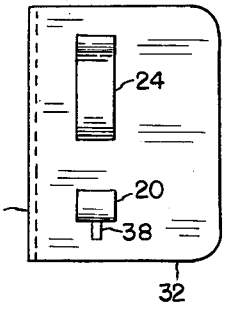


FIG.4.

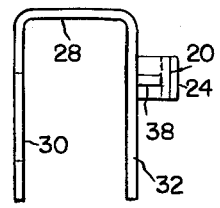


FIG.5.

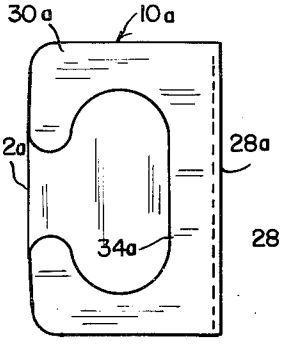


FIG.6.

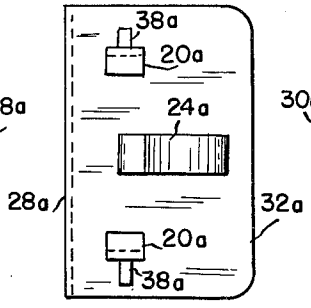


FIG.7.

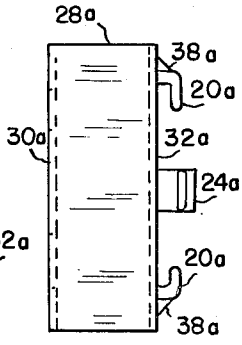


FIG.8.

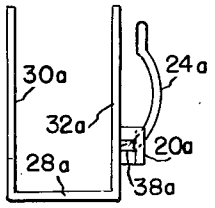


FIG.9.

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PAINT PAIL AND BRUSH HOLDER

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The present invention refers to a device mountable on a ladder for supporting a paint pail and brush or the like and refers more particularly to such a device including means for supporting the paint pail by the bail in a manner not allowing the pail to pivot about the bail with the bail in a non-obstructing position with respect to the opening of the pail and also including means to support a paint brush in a position so that paint dripping therefrom will fall into said pail.

In the past it has been known to provide devices which have functioned to hold paint pails on ladders so that a painter stationed on the ladder might not be required to hold the paint pail while painting. Such devices have however incorporated many undesirable features. For example the devices often loosely hold the paint pail by the bail thereof which allows swinging of the pail on the bail on slight jarring thereof. Also such supports generally have allowed the bail to be suspended over the opening in the supported pail whereby it was cumbersome to reach around the bail into the pail. Also previous devices have provided no means for supporting articles used with the pail such as paint brushes. Therefore as in the case of paint brushes the brush must either be held at all times or supported on the paint pail which allows paint to accumulate on the brush in undesirable positions or to lay the brush down on some flat surface of the ladder or adjacent structures which allows paint to drip into places where it is undesired.

It is therefore desirable to provide a pail support for attachment to a ladder which is easily installed on the ladder and which does not permit swinging of the paint pail when secured thereon and which supports the pail so that the bail of the pail does not block the opening in the pail. Furthermore such support should provide means for supporting a paint brush or other article for use in conjuction with the material contained in the pail in such a position that the brush or other article may be available for use and so that paint or other material on said brush will be caused to drip in a pail supported thereby. Also the support should be capable of attachment on either side of a ladder to accommodate right or left hand persons and should be easily removed from the ladder.

It is therefore one of the objects of the invention to provide a paint pail and brush holder mountable on a ladder and including means for semi-rigidly supporting the paint pail by the bail without the bail obstructing the pail opening.

Another object is to provide a paint pail and brush holder mountable on a ladder and including means for supporting said paint brush in a position to drip paint into said pail.

More specifically it is an object to provide a paint pail and brush holder adapted to wrap around a side rail of and hook over a rung of a ladder and having an upwardly extending L-shaped bracket thereon with the upwardly extending portion thereof in close proximity to the side of the ladder so that a paint pail supported by the bail thereof placed over said bracket is held firmly against the side of said ladder with the bracket in place on said ladder, the bail being in a non-obstructing position with respect to the opening of said pail.

More specifically it is an object to provide a paint pail and brush holder adapted to wrap around one side rail and hook over a rung of a ladder and having a bracket thereon for supporting a paint pail by the bail thereof in contact with the rail of said ladder and further having a semi-rigid clip secured thereto in a position with respect to said bracket such that a paint brush held in said clip will drip into a pail supported on said bracket.

It is a further object of the present invention to provide a paint pail and brush holder comprising a generally U-shaped member adapted to wrap around three sides of a ladder side rail, one side of said U-shaped member having a recess therein adapted to fit over a rung of said ladder to prevent rotation and axial movement of said holder with respect to said side rail, the other side of said U-shaped member having brackets mounted on the outside surface thereof for supporting a paint pail and brush.

Another object is to provide a holder as described wherein said recess is T-shaped and brackets are provided so that the holder may be selectively mounted on either side rail of said holder.

Another object is to provide a holder for a paint pail and brush which is mountable on a ladder that is economical, easy to manufacture, and efficient in use.

These and other objects and features of the invention will become apparent as the description proceeds, especially when taken in conjunction with the accompanying drawings, illustrating a preferred embodiment of the invention, wherein:

FIGURE 1 is a perspective view of the paint pail and brush holder of the invention shown mounted on a ladder and supporting a paint pail and a brush.

FIGURE 2 is an inside side elevation of the paint pail and brush holder shown in FIGURE 1.

FIGURE 3 is a front elevation of the device shown in FIGURE 2.

FIGURE 4 is an outside side elevation of the device shown in FIGURE 2.

FIGURE 5 is a bottom view of the device shown in FIGURE 2.

FIGURE 6 is an inside side elevation of a modification of the device shown in FIGURE 2.

FIGURE 7 is an outside side elevation of the device shown in FIGURE 6.

FIGURE 8 is a front elevation of the device shown in FIGURE 6.

FIGURE 9 is a top view of the device shown in FIGURE 6.

As shown in FIGURE 1 the paint pail and brush holder generally indicated **10** according to the invention is shown mounted on one side rail **12** of a ladder generally indicated **14**. A paint pail **16** is shown secured to the paint pail and brush holder **10** by means of bail **18** looped over bracket **20** on the holder **10** as shown. A paint brush **22** is held in readily accessible position over paint pail **16** by means of clip **24** on holder **10**.

As shown best in FIGURES 2–5 the paint pail and brush holder **10** comprises a body portion **26** to which the brush holding clip **24** and the pail supporting bracket **20** are secured. The body portion **26** is a channel shaped member including a web portion **28** having flange portions **30** and **32** extending perpendicularly therefrom on the same side thereof along the outer edges thereof. The side portion **30** is provided with the recess **34** therein in the form of a hook. The flange portion **32** is generally rectangular in shape and supports the paint brush clip **24** and bracket **20** as shown best in FIGURES 3 and 4. The body member of FIGURE 2 is particularly adapted for positioning on the right side rail of ladder **14** as shown in FIGURE 1 with the hook shaped flange **26** engaged around the rung **36** of ladder **14** to prevent downward movement or rotational movement of the paint pail and brush holder **10**.

The paint pail bracket **20** as shown best in FIGURES 3 and 4 comprises an L-shaped member extending substantially perpendicularly to the surface of the flange **32** for a short distance and then extending upwardly and

parallel to the flange 32 and in spaced relation therewith for a short distance. A bracing member 38 is provided below the bracket 20 to give added strength thereto.

The paint brush holding clip 24 as shown best in FIGURES 3 and 4 also extends for a short distance substantially perpendicularly outward from the flange 32 and is terminated in a portion extending upwardly in generally parallel relation to flange 32. The upwardly extending portion of the clip 24 is resilient to provide spring action so that paint brushes of different size may be supported when wedged between the clip 24 and flange 32. The clip 24 is positioned substantially vertically above the bracket 20 as shown best in FIGURE 4 or in accordance with the invention may be located in any position relative to the bracket 20 to provide a support for a brush such as 22 whereby the brush will be held over a paint pail supported on bracket 20.

In use as shown in FIGURE 1 the paint pail and brush holder 10 is fitted snugly around the side rail 12 of ladder 14 with the hook portion 40 of flange 30 engaging the rung 36 of the ladder 14 at substantially the height at which it is desired to support the pail 16 and brush 22. The pail 16 may then be supported by the holder 10 on placing of the bail 18 in the channel formed by the bracket 20 in conjunction with the flange 32 of the holder 10. With the paint pail 16 so supported the bail 18 will not interfere with the opening of the pail 16. Furthermore the pail 16 will be held firmly against the side rail 12 of the ladder so that the pail 16 will not be allowed to swing or be easily dislodged. During painting when it is desired to stop using a particular brush, such as for example a trim brush, the brush which it is no longer desired to use may be positioned in clip 24 as shown in FIGURE 1 with the paint filled end thereof over the pail 16 so that paint dripping from the brush 22 will be caught in pail 16 and the brush 22 will be readily available for subsequent use.

In FIGURES 6–9 a modification 10*a* of the paint bail and brush holder shown in FIGURES 1–5 is illustrated. In the modification 10*a* the flange 30*a* of the body member is provided with a T-shaped recess 34*a* therein which allows mounting of the holder 10*a* on either side rail of a ladder 14 to accommodate either right or left hand persons. In order to permit hanging of the paint pail from the holder 10*a* on either side of the ladder 14 it is necessary to provide the brackets 20*a* on each end of flange 32*a* of the holder 10*a*. The brackets 20*a* are in all respects the same as the brackets 20 and perform similar functions with the holder 10*a* mounted on opposite sides of the ladder 14. Also it will be noted that in the modification 10*a* the clip 24*a* has been turned at ninety degrees to the position of the clip 24 on holder 10 so that a brush may be supported thereby in a position to drip into a paint pail supported on either of the brackets 20*a* with the holder 10 supported on opposite sides of the ladder 14.

The drawings and the foregoing specification constitute a description of the improved paint pail and brush holder in such full, clear, concise and exact terms as to enable any person skilled in the art to practice the invention, the scope of which is indicated by the appended claims.

What I claim as my invention is:

1. A pail and brush holder comprising a channel shaped member having a web portion connecting parallel flange portions extending in the same direction in generally perpendicular relation thereto along outer opposite edges thereof, said channel member being adapted to fit closely around three sides of a ladder side rail, one of said flanges having a T-shaped slot therein providing opposed hook portions operative to hook over a ladder rung to prevent movement of said holder in a downward direction along the ladder with said holder fitted around either ladder side rail, rigid L-shaped brackets at each end of said holder extending outwardly from the outer surface of the other flange at one side thereof and terminating in portions extending toward each other, and parallel, and in spaced relation to said outer surface for supporting a pail by the bail with the bail in a non-obstructing position in respect to the opening of the pail, with said holder fitted around either ladder side rail, and a resilient bracket secured to said outer surface on the other side thereof and between said rigid brackets, said resilient bracket extending first perpendicularly outwardly from said outer surface and then toward said rigid brackets and inwardly toward said other surface for receiving and resiliently supporting a brush in a position over said pail supporting means whereby drippings from a brush supported by said resilient bracket would be caught in a pail supported on either of the rigid brackets.

2. A pail and brush holder comprising a channel shaped member having a web portion connecting parallel flange portions extending in the same direction in generally perpendicular relation thereto along outer opposite edges thereof, said channel member being adapted to fit closely around three sides of a ladder side rail, one of said flanges having a T-shaped slot therein providing opposed hook portions operative to hook over a ladder rung to prevent movement of said holder in a downward direction along the ladder with said holder fitted around either ladder side rail, rigid L-shaped brackets at each end of said holder extending outwardly from the outer surface of the other flange at one side thereof and terminating in portions extending toward each other and in spaced relation to said outer surface for supporting a pail by the bail with the bail in a non-obstructing position in respect to the opening of the pail, with said holder fitted around either ladder side rail, and a resilient bracket secured to said outer surface on the other side thereof and between said rigid brackets, said resilient bracket extending first perpendicularly outwardly from said outer surface and then toward said rigid brackets and inwardly toward said other surface for receiving and resiliently supporting a brush in a position over said pail supporting means whereby drippings from a brush supported by said resilient bracket would be caught in a pail supported on either of the rigid brackets.

3. A pail and brush holder comprising a channel shaped member having a web portion connecting parallel flange portions extending in the same direction in generally perpendicular relation thereto along outer opposite edges thereof, said channel member being adapted to fit closely around three sides of a ladder side rail, one of said flanges having a T-shaped slot therein providing opposed hook portions operative to hook over a ladder rung to prevent movement of said holder in a downward direction along the latter with said holder fitted around either ladder side rail, rigid L-shaped brackets at each end of said holder extending outwardly from the outer surface of the other flange at one side thereof and terminating in portions extending toward each other and in spaced relation to said outer surface for supporting a pail by the bail with the bail in a non-obstructing position in respect to the opening of the pail, with said holder fitted around either ladder side rail, and a resilient bracket secured to said outer surface on the other side thereof and between said rigid brackets for receiving and resiliently supporting a brush in a position over said pail supporting means whereby drippings from a brush supported by said resilient bracket would be caught in a pail supported on either of the rigid brackets.

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