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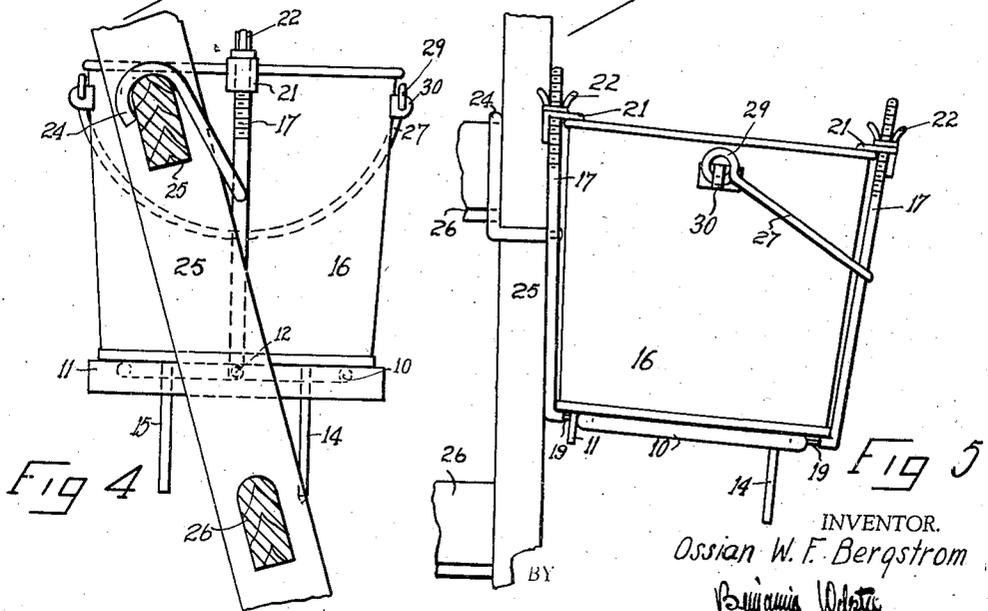
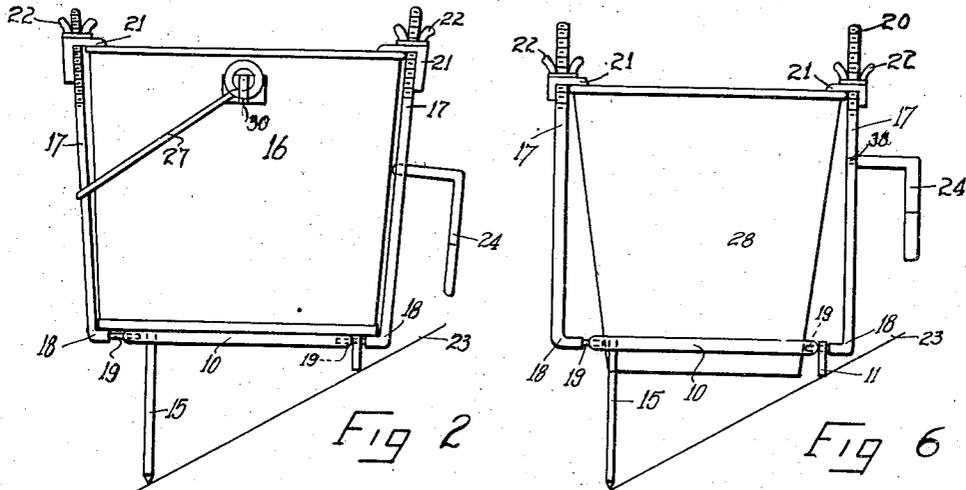
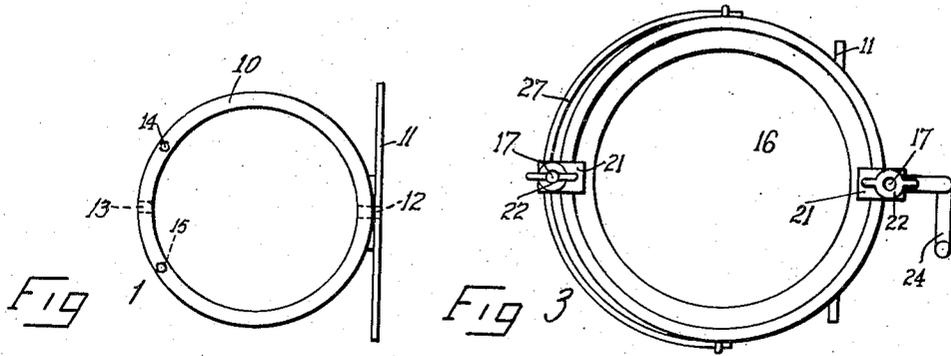
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2,140,045

SUPPORT FOR PAINT BUCKETS AND THE LIKE

Filed March 25, 1938

2 Sheets-Sheet 1



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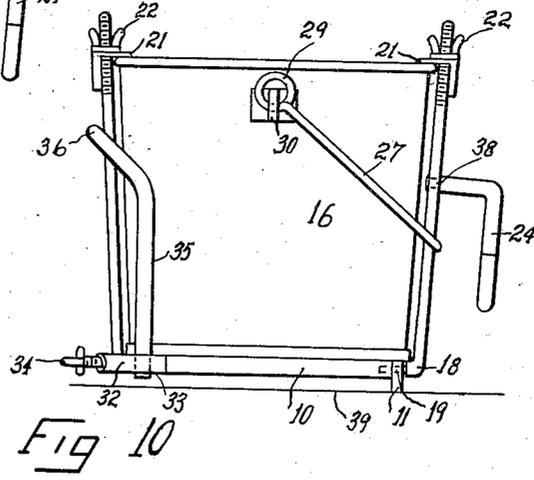
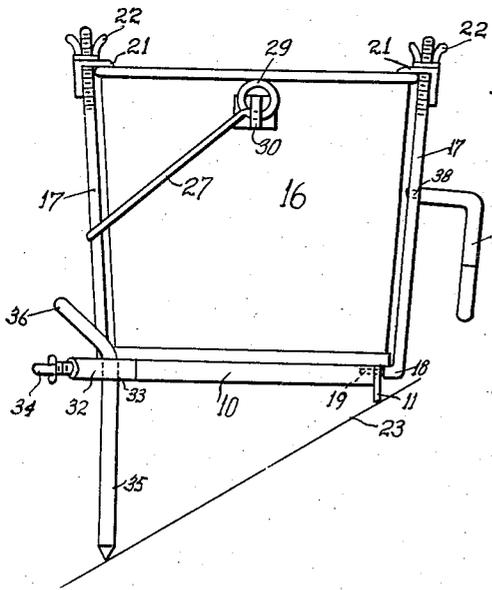
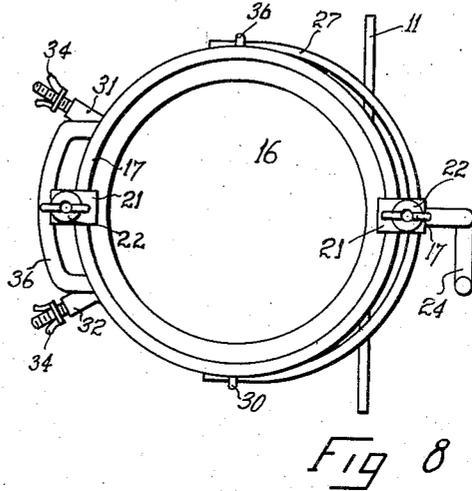
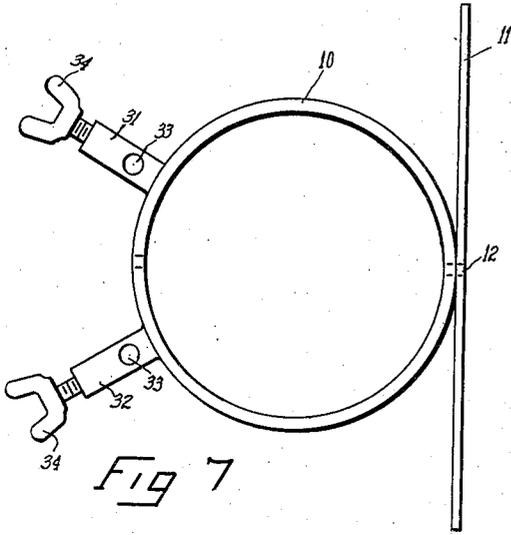
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SUPPORT FOR PAINT BUCKETS AND THE LIKE

Filed March 25, 1938

2 Sheets-Sheet 2



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# UNITED STATES PATENT OFFICE

2,140,045

## SUPPORT FOR PAINT BUCKETS AND THE LIKE

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Application March 25, 1938, Serial No. 198,012

5 Claims. (Cl. 248-148)

The invention relates to a support or holder for buckets or pails and has for its main object to provide a simple device whereby a bucket may be suspended from a ladder without any danger of its being upset and by means of which the bucket may likewise be placed on a slanting roof without any danger of its slipping off the roof. This application is a continuation in part of application Serial No. 161,367, filed August 28, 1937.

Another object is to so construct the support that buckets of different sizes and shapes may be clamped on it. Another object of the invention is to provide supports which are adjustable for setting the device on roofs of different inclination.

A further object is to provide a support to which the bucket may be attached with a minimum expenditure of time and labor. Additional objects are to provide a support which when not in use may be folded up so as to occupy but small space, which is light in weight, which has no parts easily broken or apt to get out of order, and which can be manufactured and sold at a relatively low cost.

These and various other objects and advantages will be readily understood from the following description and from the accompanying drawings of preferred embodiments of the invention, in which, however, modifications may be made without departing from the scope of the appended claims. In the drawings,

Fig. 1 is a plan view of the support proper;  
 Fig. 2 is a side elevation of a bucket shown clamped in the support and resting on a slanting roof;

Fig. 3 is a top view of Fig. 2;  
 Fig. 4 is a side elevation of a bucket held in the support and suspended from a ladder;

Fig. 5 is a front view of Fig. 4;  
 Fig. 6 is a side view of a differently shaped pail or bucket secured in the support and resting on a slanting roof;

Fig. 7 is a plan view of a modified form showing the base element of the device;

Fig. 8 is a plan view showing the modified device assembled on a pail;

Fig. 9 is a side elevation showing the supports adjusted for an inclined roof; and

Fig. 10 is a side elevation showing the supports adjusted for a flat roof.

Referring first to Figs. 1, 2 and 3, the support consists of a ring 10 to one side of which a flat metal bar 11 is rigidly secured. A hole 12 is drilled through the bar and the ring and another hole 13 is drilled directly opposite in the ring.

Two rods 14 and 15 are riveted, or otherwise secured, to the ring so as to extend downwardly from it, as plainly shown in Fig. 2. The bucket or pail 16, which is to be held on the support, is placed on the ring 10, as plainly shown in Fig. 2. Clamping rods 17, each of which have their lower ends 18 bent at right angles and provided with a reduced stud 19, are used to secure the bucket to the support. The studs 19 are inserted in the holes 12 and 13 and the upper ends of the rods are threaded, as shown at 20, so that clamps 21 may be tightened to the top of the bucket by means of wing nuts 22. In Fig. 2 the line 23 indicates the pitch of a roof.

It will be seen that by placing the support so that it will rest on the bar 11 and on the two rods 14 and 15, the bucket may safely be placed on a slanting roof without any danger of its sliding off; the weight of the bucket and its contents causing the points of the rods to be embedded slightly in the material of the roof. The length of the rods are so proportioned as to fit a roof of average pitch, thus enabling the support to be used on roofs of both more or less pitch than the average.

A hook 24, the shape of which is plainly shown in Figs. 2, 4 and 5, is pivoted at 38 to one of the rods 17 and is employed for suspending the support and the bucket from a ladder, in the manner shown in Figs. 4 and 5. One of the side members of a ladder is shown at 25 and the rungs of a ladder at 26. The hook is placed over one of the rungs, as shown, and the rod 17 rests against the outside of the ladder.

It will be noted that by swiveling the hook on the rod 17 the pail may be held in a substantial horizontal position no matter at what angle the ladder is placed. It will also be noted that by securing the hook to the rod 17 instead of to the bail 27, as is customarily done, the bail does not in any way interfere with the insertion of brushes or other tools in the bucket. The ends of the bail 27 are bent to form rings 29 which are mounted on lugs 30 formed or secured to the opposite sides of the pail 16 near the top.

In Fig. 6, a bucket 28 of a different shape and size is shown secured in the support. In this case the lower end of the bucket is inserted in the opening in the ring. Otherwise, the parts are employed as in the other embodiments.

Referring to Figs. 7, 8, 9 and 10, the base 10 is provided with two radially-disposed lugs 31 and 32, each of which is vertically apertured providing holes 33. In the ends of each lug 31, 32 is a wing nut screw 34 which penetrates the lug

centrally to engage the holes 33. A single unit comprises two vertical parallel rods 35, each of which is pointed at the lower end and which are connected at the top by a piece 36 which is bent outwardly and circularly, as clearly shown in Fig. 8. When this stand is mounted on an inclined roof 23, the rods 35 are lowered after the set screws 34 are released, the latter being tightened after the rods 35 are in the proper adjusted position. When the paint bucket 16 is transferred to a flat surface 39, the set screws 34 are released and the rods 35 raised to the position shown in Fig. 10, the set screws 34 holding the rods in the vertical position.

From the foregoing it will be seen that this support is very simple in construction, that it can be used with buckets varying considerable in size and shape, and that it greatly facilitates the work of painters, and other mechanics, using buckets and pails.

Having described the invention and its objects, what I claim as new and wish to protect by Letters Patent is:

1. A support of the class described comprising an annular member adapted to support a bucket having openings formed in opposite sides; a pair of rods, each having one end bent substantially at right angles and with a reduced shouldered portion at the extreme end; the upper ends of said rods being threaded; the reduced ends of the rods insertable in the holes in the annular member; a pair of clamping plates adapted to fit on the threaded ends of said rods and to engage over the edge of the bucket; means for tightening said clamps over the rim of said bucket; a hook pivotally secured to one of said rods, by means of which the support may be suspended; a flat bar secured by one side of the annular member; and a pair of downwardly extending and pointed rods likewise secured to the annular member, said bar and pointed rods being adapted to support the annular member on a slanting surface.

2. A support of the class described comprising an annular member adapted to support a bucket having openings formed in opposite sides; a pair of rods, each having one end bent substantially at right angles and with a reduced shouldered portion at the extreme end; the upper ends of said rods being threaded; the reduced ends of the rods insertable in the holes in the annular member; a pair of clamping plates adapted to fit on the threaded ends of said rods and to engage over the edge of the bucket; means for tightening said clamps over the rim of said bucket; a hook pivotally secured to one of said rods, by means of which the support may be suspended; a flat bar secured on one side of the annular member; a pair of downwardly extending and pointed rods, a cross-piece connecting said rods, and means for adjustably securing the rods in a plurality of vertical positions, said bar and said pointed rods being adapted to support the annular member on a plurality of surfaces of different slant.

3. A support of the class described comprising an annular member adapted to support a bucket having openings formed in opposite sides; a pair of rods, each having one end bent substantially at right angles and with a reduced shouldered portion at the extreme end; the upper ends of said rods being threaded; the reduced ends of the rods insertable in the holes in the annular member; a pair of clamping plates adapted to fit on the threaded ends of said rods and to engage over the edge of the bucket; means for tightening said clamps over the rim of said bucket; a hook, pivotally secured to one of said rods, by means of which the support may be suspended; a flat bar secured on one side of the annular member; a pair of downwardly-extending and pointed rods, a pair of radially disposed lugs mounted on the annular member, the lugs having vertical holes thru which the pointed rods extend, and set screws carried by the lugs adapted to clamp the pointed rods in adjusted position.

4. A support of the class described comprising an annular member adapted to support a bucket having openings formed in opposite sides; a pair of rods, each having one end bent substantially at right angles and with a reduced shouldered portion at the extreme end; the upper ends of said rods being threaded; the reduced ends of the rods insertable in the holes in the annular member; a pair of clamping plates adapted to fit on the threaded ends of said rods and to engage over the edge of the bucket; means for tightening said clamps over the rim of said bucket; a hook, pivotally secured to one of said rods, by means of which the support may be suspended; a flat bar secured on one side of the annular member; a pair of downwardly extending and pointed rods, a cross-piece connecting said rods and providing a handle for raising or lowering said rods simultaneously, a pair of radially disposed lugs mounted on said annular member, each lug having a vertical hole adapted to receive one of said rods, and means mounted on said lugs for holding said rods in said holes in a plurality of vertically adjusted positions.

5. A support of the class described comprising an annular member adapted to support a bucket having openings formed in opposite sides; a pair of rods, each having one end bent substantially at right angles and with a reduced shouldered portion at the extreme end; the upper ends of said rods being threaded; the reduced ends of the rods insertable in the holes in the annular member; a pair of clamping plates adapted to fit on the threaded ends of said rods and to engage over the edge of the bucket; means for tightening said clamps over the rim of said bucket; a hook, pivotally secured to one of said rods, by means of which the support may be suspended, a flat bar secured on one side of the annular member and a pair of pointed legs on the opposite side.

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