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RECEPTACLE SUPPORT

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FIG-1

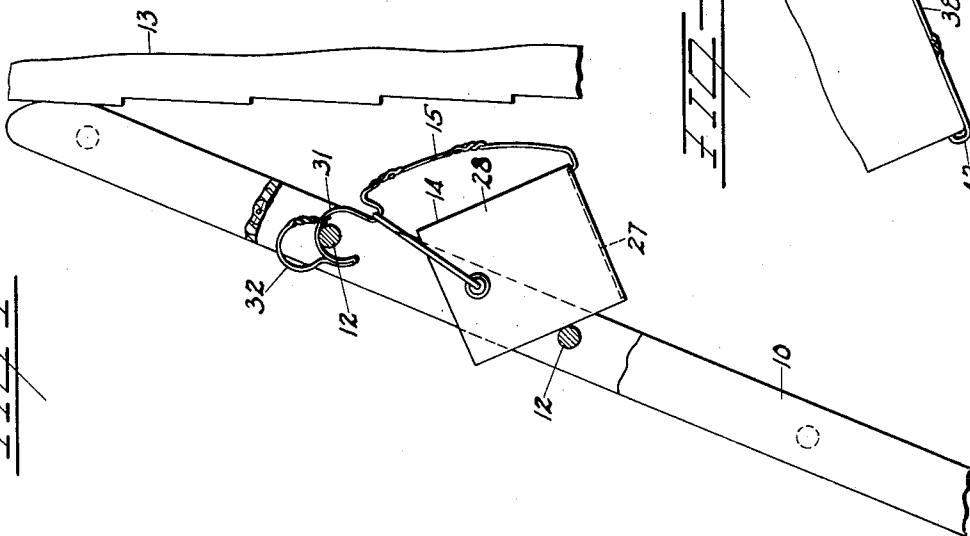


FIG-2

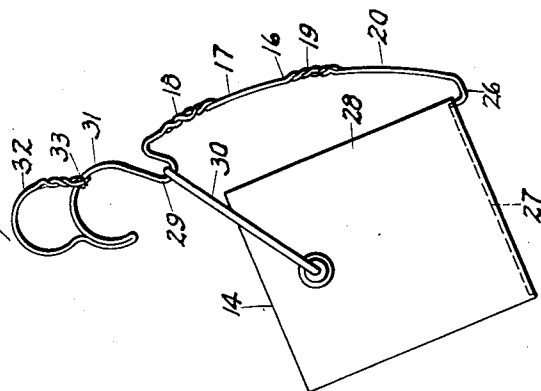


FIG-3

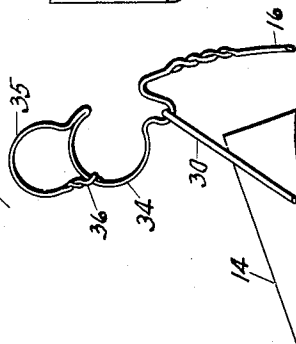


FIG-4

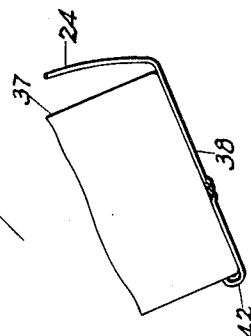
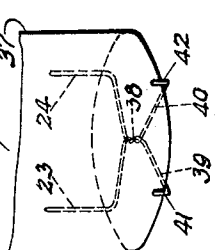


FIG-5



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RECEPTACLE SUPPORT

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10 Claims. (Cl. 248—211)

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This invention relates to receptacle supports. More particularly it is directed to supports for paint buckets and the like and especially to means for supporting such buckets from ladders.

The usual device employed by painters for supporting paint buckets, particularly from the rungs of ladders, is an S-shaped hook. Hooks of this character are unsatisfactory. They permit paint buckets to swing freely and buckets suspended thereby interfere with the proper dipping of the brush into the paint and subsequent removal of excess paint from the brush and, of importance to the home owner, their use increases the time and cost required to do a paint job.

It is an object of this invention to provide a support for paint buckets and the like which shall overcome the objections noted above.

A further object is to provide supports for paint buckets and the like which shall be simple in construction, of lightweight, economical and capable of quick and easy application.

A further object is to provide supports for paint buckets and the like which shall firmly support the buckets at the desired angle so that dipping of the paint brush into the bucket and removal of excess paint from the brush shall be facilitated.

A further object is to provide supports for paint buckets and the like so constructed that the weight of the paint and the buckets is effective to enhance the stability of the buckets.

A further object is to provide supports for paint buckets and the like so constructed that the buckets are supported both at the bail and at the bottom thereof.

A further object is to provide supports for paint buckets and the like so constructed as to provide a stable three-point suspension for the buckets.

A further object is to provide supports for paint buckets and the like so constructed as to provide members independent of the portions of the supports by means of which they are hung from rungs of ladders whereby the buckets may be hung and removed from the rungs and carried from place to place with ease.

Other objects of this invention will become clear as the description thereof proceeds.

In the drawings forming part of this specification—

Fig. 1 is a side elevation showing a support embodying the instant invention supporting a paint bucket from a rung of a ladder.

Fig. 2 is a side elevation on an enlarged scale showing a support embodying the instant invention applied to a paint bucket.

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Fig. 3 is a front elevation of the structure shown in Fig. 2.

Fig. 4 is a side elevation showing a modified construction of the upper portion of a support.

Fig. 5 is a side elevation showing a modified construction of the lower portion of a support.

Fig. 6 is a front elevation of the structure shown in Fig. 5.

Referring to the drawings and to the embodiment of the invention illustrated in Figs. 1 to 3 of the drawings, the numeral 10 indicates a ladder having the customary rungs 12 and supported at its upper end against a wall designated generally by the reference numeral 13. To facilitate and reduce the time required to apply paint from the bucket 14 to the wall 13 the latter is supported in stable position by means of a support embodying the instant invention.

The support, designated generally by the reference numeral 15 is, as more clearly shown in Figs. 1 to 3 of the drawings, preferably formed of a double strand of wire into a body portion 16 which, as more clearly shown in Figs. 1 and 2 of the drawings, is curved from top to bottom. The body portion may be considered as comprising an upper part 17 twisted together as indicated at 18 and 19 so that the strands are in contact with each other, and a lower portion 20 which, as more clearly shown in Fig. 3 of the drawings, is substantially in the form of an inverted U having diverging branches 21 and 22 and parallel branches 23 and 24. The latter branches of the lower part of the body portion of the support terminate in hook-shaped members 25 and 26. These hook-shaped members are adapted for use with buckets constructed with inset bottoms 27 so that the spaced hook-shaped members engage the bottom of the bucket and bear against the body 28 of the bucket below the bottom hereof. This is more clearly illustrated in Fig. 2 of the drawings.

At the upper end of the body portion the support is formed with a loop 29 which is adapted to receive the pivoted bail 30 of the bucket in such a manner that the support provides a three-point stable retaining means for the bucket. Beyond the loop 29 the support is extended into a hook-shaped member 31 by means of which the support and bucket may be suspended from a rung such as 12 of a ladder or the like. The double strand of wire from which the support is formed is extended from the hook-shaped portion 31 in order to form a handle 32 which may be secured to the hook-shaped portion 31 as indicated at 33, by means of which the support and bucket may be shifted from place to place with ease.

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The support embodying the instant invention has been illustrated and described as being formed of a double strand of wire. This wire may be of one piece or of two pieces as desired. Moreover, the support need not necessarily be made of wire but may be made of flat band-like material or any other material, if desired. Also, it is not essential to the invention that the handle 32 be fastened to the hook-shaped member 31 and, if desired, the end of the handle 32 may be readily spaced from the hook-shaped member.

The stability which the support gives to the bucket is believed to be apparent from the foregoing description and the drawings. The manner of support causes the bucket to tilt toward the painter so as to greatly facilitate dipping of the paint brush into the paint and the removal of excess paint from the brush. The bail is placed out of the way so as not to interfere with the dipping of the brush into the paint. By virtue of the curved body portion, the latter possesses a spring action by means of which the weight of the paint and the bucket add to the stability of support of the bucket. Furthermore, the curved body portion introduces a self-adjusting feature. As the paint is used up the weight of the bucket and the balance of the paint upon the hooks is reduced so that the body portion tends to resume its original shape. This effects a raising and increased tilt of the bucket whereby as the quantity of paint decreases the residue is more easily available.

In the embodiment of the invention illustrated in Fig. 4 of the drawings a hook-shaped member 34 is shown by means of which the support and bucket may be hung from a rung of a ladder which is turned in the opposite direction from the hook-shaped member 31. Correspondingly, a handle 35 is provided which is turned in the opposite direction relative to the handle 32 and secured to the hook-shaped member 34 as indicated at 36. It is apparent from this embodiment of the invention that the hook-shaped member 31 may be turned in either direction as desired.

Where a paint bucket such as 37 is used having a bottom which is not offset inwardly as the bottom 27 of the paint bucket 28, the invention may be utilized by modifying the hook-shaped members 25 and 26. In this case and as illustrated in Figs. 5 and 6 of the drawings, the branches 23 and 24 of the lower part of the body portion are extended and twisted together into a substantially X-shaped form 38, the free legs 39 and 40 of which are bent upwardly as indicated at 41 and 42 so as to constitute together with the X-shaped portion 38 hook-shaped members adapted to engage and support the bucket at spaced points. In this embodiment of the invention the upstanding portions 41 and 42 engage the outer face of the body of the bucket. The constitution at the upper portion of the support shown in Fig. 2 or the similar construction shown in Fig. 3 may be utilized with the support illustrated in Figs. 5 and 6.

It will be apparent that numerous changes and modifications in the details of the invention will be clear to those skilled in the art. It is intended, therefore, that all such modifications and changes be comprehended within this invention which is to be limited only by the scope of the claims appended hereto.

I claim:

1. A support for a receptacle comprising a curved body portion, spaced substantially hook-

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shaped members extending from the lower part of said body portion, a loop extending from the upper part of said body portion in the same general direction as said hook-shaped members, and a substantially hook-shaped member extending from said loop.

2. A support for a receptacle comprising a body portion, spaced substantially hook shaped members extending from the lower part of said body portion, a loop extending from the upper part of said body portion in the same general direction as said hook-shaped members, and a substantially hook-shaped member extending from said loop.

3. A support for a receptacle comprising a body portion, spaced substantially hook-shaped members extending from the lower part of said body portion, a loop extending from the upper part of said body portion in the same general direction as said hook-shaped members, a substantially hook-shaped member extending from said loop, and a handle on the upper part of said support.

4. A support for a receptacle comprising a body portion, the lower part of said body portion being substantially in the form of an inverted U, the branches of said inverted U being bent into substantially hook-shaped members, a loop extending from the upper part of said body portion in the same general direction as said hook-shaped members, and a substantially hook-shaped member extending from said loop.

5. A support for a receptacle comprising a body portion, the lower part of said body portion being substantially in the form of an inverted U, the branches of said inverted U being bent into substantially hook-shaped members of generally X-shaped form, a loop extending from the upper part of said body portion in the same general direction as said hook-shaped members, and a substantially hook-shaped member extending from said loop.

6. A support for a receptacle formed of a double strand of wire twisted together and comprising a body portion, said strands at the lower part of said body portion being divergent and then substantially parallel and spaced apart, said spaced strands being bent into substantially hook-shaped members, said strands at the upper part of said body portion being formed into a loop and a substantially hook-shaped member, said loop extending in the same general direction as said lower hook-shaped members, said strands extending from said upper hook-shaped member and being formed into a handle.

7. A support for a receptacle formed of a double strand of wire twisted together and comprising a body portion, said strands at the lower part of said body portion being divergent and then substantially parallel and spaced apart, said spaced strands being bent into substantially hook-shaped members, said strands at the upper part of said body portion being formed into a loop and a substantially hook-shaped member, said loop extending in the same general direction as said lower hook-shaped members.

8. A support for a receptacle having a swingable bail comprising a body portion, substantially hook-shaped means on the lower part of said body portion for interlocking engagement with a said receptacle, and a loop and a substantially hook-shaped member extending from the upper part of said body portion, said loop being adapted to receive said bail of said receptacle.

9. A support for a receptacle having a swing-

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able bail comprising a body portion, the lower part of said body portion being adapted to engage a said receptacle, and a loop and a substantially hook-shaped member extending from the upper part of said body portion, said loop being adapted to receive said bail of said receptacle, said receptacle-engaging part of said body portion being so related to said loop as to cause said receptacle to tilt forward.

10. The combination with a receptacle having a swingable bail member, of a support member, the lower part of said support member being substantially hook-shaped and having interlocking engagement with said receptacle, the upper part of said supporting member having a loop

adapted to receive said bail, and a substantially hook-shaped portion formed on one of said members.

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