

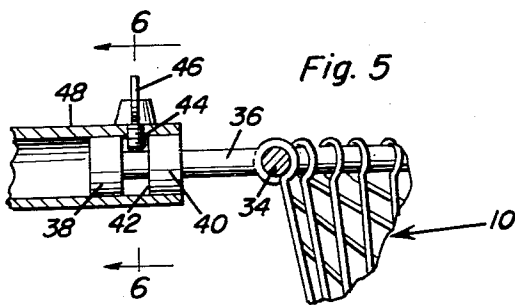
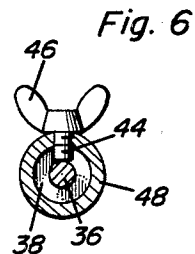
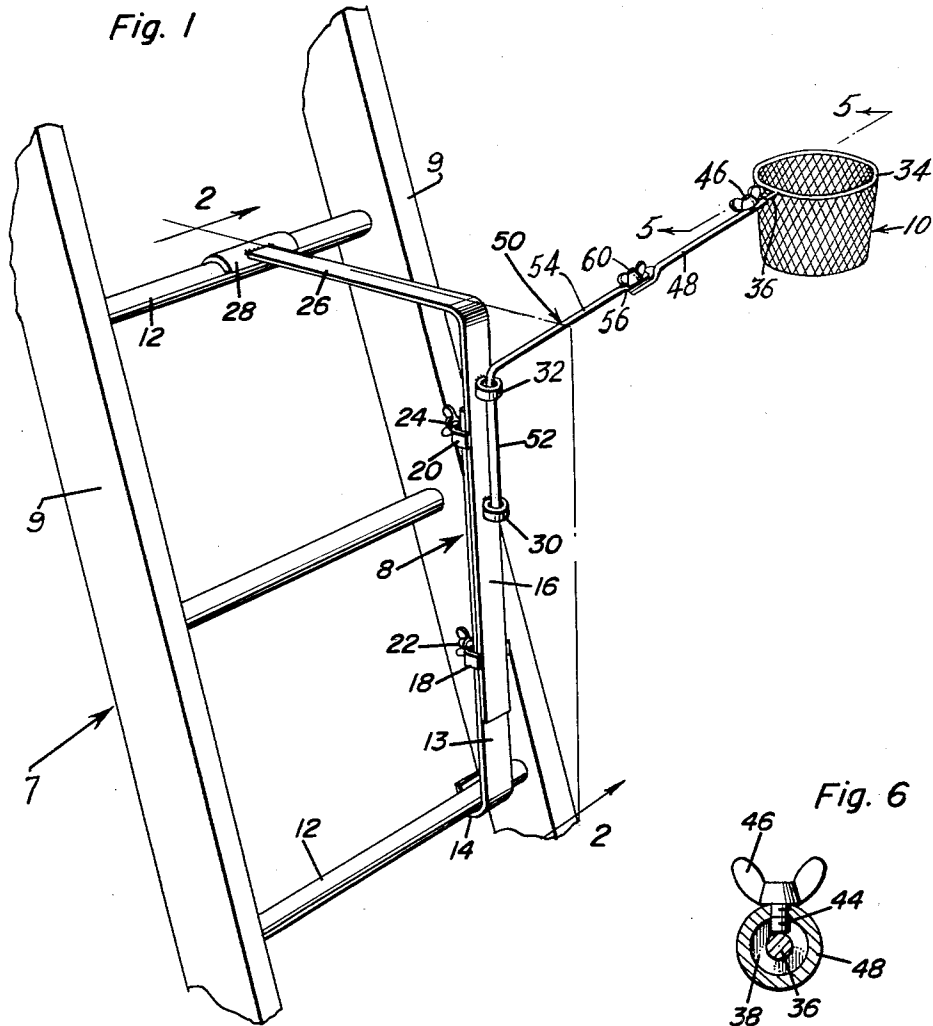
Sept. 26, 1961

F. F. BOZIK  
PAINT CAN HOLDER

3,001,751

Filed May 19, 1960

2 Sheets-Sheet 1



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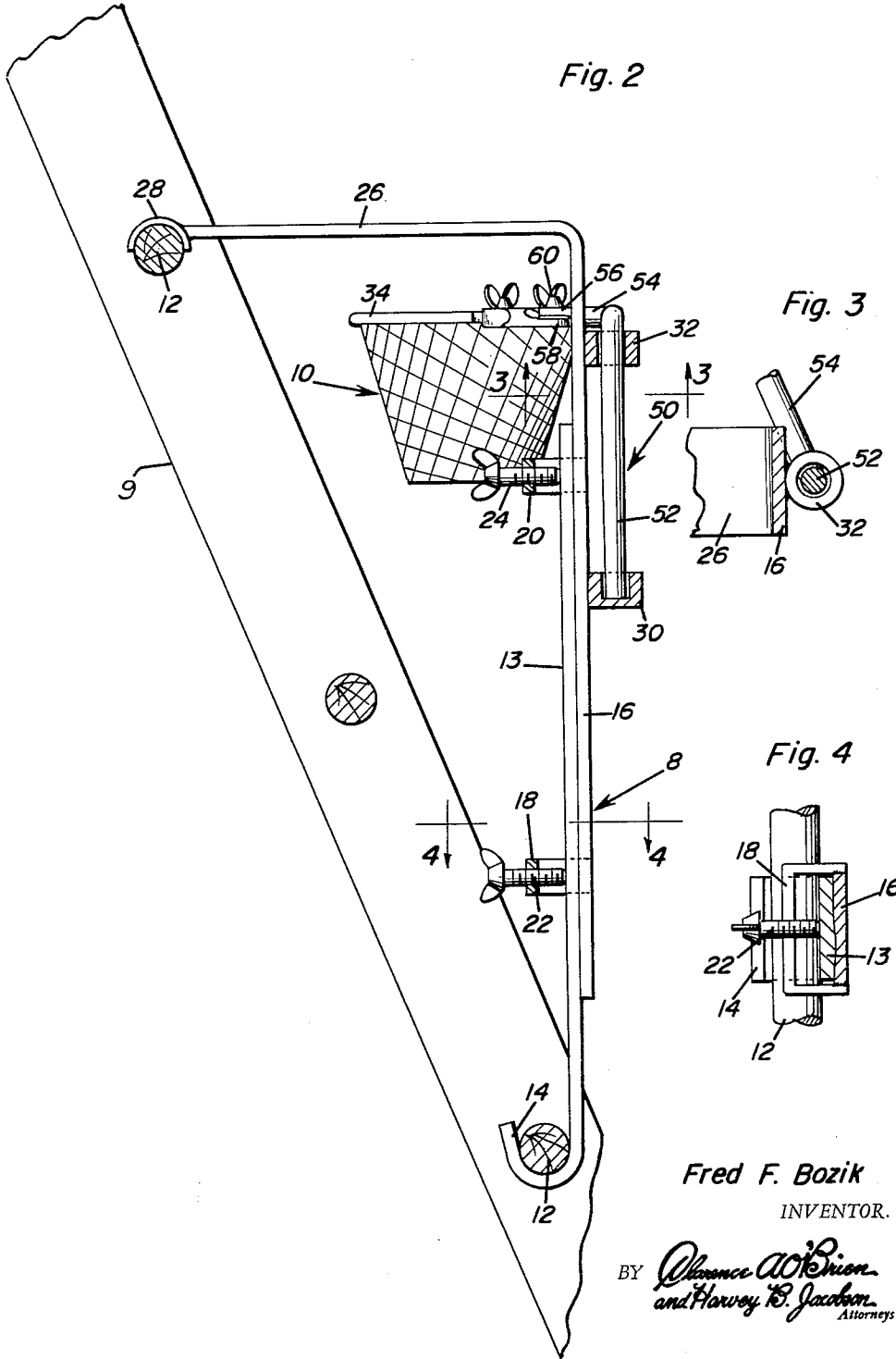
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3,001,751

**PAINT CAN HOLDER**

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7 Claims. (Cl. 248—210)

The present invention relates to certain new and useful improvements in a readily adaptable holder for a paint containing can, bucket or the like, the construction of which is such that a user thereof may have access to the paint in a manner to safely and efficiently paint the surfaces of hard-to-reach gutters, overhanging eaves, and other dangerously out-of-the-way surfaces.

More specifically, the invention has to do with a reasonably simple mechanical attachment for the rungs of a painter's ladder characterized by an adjustable bracket and an adjustable as well as a safe and reliable receptacle-type holder for the paint containing can, and novel arm means for mounting the holder on a part of the bracket.

One improvement resides in the specially constructed ladder bracket. To this end, the bracket comprises slidingly connected component parts having overlapping limbs and setscrews for clampingly binding the limbs, one of said parts being further provided with simple means for hingedly supporting the holder arm on said bracket.

A further improvement resides in the particular construction of the holder suspending arm, a component portion of which is substantially L-shaped and is hingedly mounted on hinging means provided therefor on the bracket. The other portion comprises an extension or tube, the outer end of said tube providing a socket in which an associated part of a ring-like frame of the receiver or holder is removably and swivelly mounted for desired levelling purposes.

These, together with other objects and advantages which will become subsequently apparent, reside in the details of construction and operation as more fully hereinafter described and claimed, reference being had to the accompanying drawings forming a part hereof, wherein like numerals refer to like parts throughout, and in which:

FIG. 1 is a view in perspective showing a fragmentary portion of a painter's ladder and the improved attachment, namely, the ladder bracket attached to the rungs and the receiver or holder and its arm means mounted on the bracket.

FIG. 2 is a view on a larger scale taken on the irregular vertical and horizontal section line 2—2 of FIG. 1, looking in the direction of the arrows.

FIG. 3 is a section on the line 3—3 of FIG. 2.

FIG. 4 is a section on the horizontal line 4—4 of FIG. 2.

FIG. 5 is an enlarged fragmentary view in section and elevation taken on the line 5—5 of FIG. 1.

FIG. 6 is a cross-section on the line 6—6 of FIG. 5.

The ladder is denoted by the numeral 7 and comprises the usual side rails or stiles 9 and the horizontal connecting rungs 12. As already stated, the "attachment" is made up chiefly of two main components; namely, a sectional adjustable readily applicable and removable bracket 8 and a holder characterized by a receptacle or receiver 10 of suitably fabricated form and adjustable arm means by way of which the receiver is hingedly and operatively mounted on the bracket 8.

The bracket 8 is made up of companion sections, the lower one of which may be said to be J-shaped and this comprises a straight strap or an equivalent member 13, the lower bill of which provides a hook 14 to engage over the rung in the manner shown. The other section of the bracket is generally L-shaped and comprises a ver-

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tical limb or leg 16 which overlaps the leg 13 and is slidable thereon and is provided at vertically spaced points with fixed U-shaped members or clevises 18 and 20 at vertically spaced points provided with setscrews 22 and 24. The horizontal leg or limb 26 is such that it provides the desired mounting of the bracket 8 and this leg terminates in a generally semi-circular grip or jaw 28 which rests on the selected rung 12 in the manner shown in FIGS. 1 and 2. The leg 16 is further provided with hinging means, more specifically a fixed bearing cup 30 registering or aligned with a vertically spaced, complemental eye 32.

The bucket like receiver 10 is of suitable openwork construction and is characterized by a ring-like frame 34 which, as shown in FIG. 5, is provided with a radial shank 36 terminating in rigid spaced circular heads 38 and 40 defining a groove 42 between themselves. This groove serves to accommodate the screw-threaded shank 44 of a thumb screw 46 which is threaded through a hole provided therefor in the tubular extension 48 of the holder mounting and hinging arm means. This arm "means" comprises a substantially L-shaped arm 50 having a vertical portion 52 which is removably and hingedly mounted in the eye 32 and bearing cup 30 in the manner shown in FIG. 2. The outwardly projecting diagonal branch of this arm, the branch 54, has a flattened terminal 56 overlapping a complemental terminal 58. These two terminals are fitted together to accommodate an assembling and clamping bolt and nut means 60. This construction allows the angularity and position of the tubular member or extension 48 to be adjusted. Also, the entire arm structure or means 50 including 52, 54, and 48 may be turned from left to right as is evident in FIG. 1.

It is reiterated that the over-all attachment is characterized by the adapter and mounting bracket 8 made up of the novel leg or limb components 13 and 16 plus the receiver 10 and the hingedly mounted freely swivable and adjustable arm means 50 and 48. It is to be further observed that as seen in FIG. 5 the frame or ring 34 of the receiver 10 can be levelled relative to the horizontal by way of the swivel joint means depicted in FIG. 5. With this combination and arrangement, it will be clear that the invention can be applied high or low on the rungs of the ladder, may be quickly brought into use, and may be satisfactorily utilized in painting at ground level or at a height, and particularly where the painter needs the bucket or can of paint poised at a place or position which makes it possible to have convenient access to the paint where the surfaces to be painted are often overhead and inconveniently out of reach, that is, where one has to stand on the ladder as it is usually inclined against the building or other surface. It follows that the attachment effectively serves the purposes for which it is intended.

The foregoing is considered as illustrative only of the principles of the invention. Further, since numerous modifications and changes will readily occur to those skilled in the art, it is not desired to limit the invention to the exact construction and operation shown and described, and accordingly all suitable modifications and equivalents may be resorted to, falling within the scope of the invention as claimed.

What is claimed as new is as follows:

1. An attachment for a painter's ladder comprising an adapter bracket embodying a substantially J-shaped member providing a straight leg and a hook at the lower end of the leg engageable with a ladder rung, a generally L-shaped member having a vertical leg overlapping and adjustably connected with the first-named leg and having a horizontal portion terminating in a jaw connectible with

a ladder rung, and arm means detachably and hingedly mounted on the bracket and provided at an outer end thereof with a paint bucket receiver and holder.

2. An attachment for a painter's ladder comprising an adapter bracket embodying a substantially J-shaped member providing a straight leg and a hook at the lower end of the leg engageable with a ladder rung, a generally L-shaped member having a vertical leg overlapping and adjustably connected with the first-named leg and having a horizontal portion terminating in a jaw connectible with a ladder rung, and arm means detachably and hingedly mounted on the bracket and provided at an outer end thereof with a paint bucket receiver and holder, said arm means embodying a tubular extension, the outer end of said extension providing a socket, said receiver having a frame provided with a shank, said shank having spaced axially aligned head members swivelly mounted in said socket and held therein by a setscrew cooperating with an existing space between the heads.

3. The structure defined in claim 2, and wherein said bracket embodies U-shaped assembling members for the overlapped legs, said U-shaped members provided with setscrews.

4. A ladder attachment comprising an adapter bracket embodying a first vertical leg provided at a lower end thereof with a hook engageable with a first ladder rung, a complementary L-shaped member having a second vertical leg overlapping the first-named leg and provided with U-shaped clevises in which the first leg is slidable, said clevises having setscrews and said setscrews engaging said first leg, the second vertical leg being provided on one side thereof with vertically spaced elements in alignment with each other, said elements serving as supporting and hinging means for detachably cooperable arm means.

5. The structure defined in claim 4 and, in combination, arm means for supporting a paint can, said arm means embodying a substantially L-shaped arm having a vertical portion removably and adjustably mounted in the

vertically spaced elements and an outstanding portion provided with an extension, said extension being tubular in cross-section and the outer end thereof constituting a socket member.

6. The structure defined in claim 4 and, in combination, arm means for supporting a paint can receiver embodying a substantially L-shaped arm having a vertical portion removably and adjustably mounted in the vertically spaced elements and a companion horizontal portion provided with an extension, said extension being tubular in cross-section and the outer end thereof constituting a socket member, and a receiver for a paint can embodying a ring-like frame provided with a shank, said shank having adjusting means removably and swivelly mounted in said socket member.

7. For use on a painter's ladder, an L-shaped arm having vertical and horizontal portions, one end of said horizontal portion overlapping and being separably and adjustably bolted to an extension, the free outer end of said extension having a socket, a receiver for a paint bucket having a ring-like frame provided with a shank, said shank having head means removably and swivelly mounted in said socket, an adapter bracket for supporting said L-shaped arm and having members with end portions which are connectible with selected rungs of the aforementioned ladder, and also having vertically spaced hinging members aligned and receiving and hingedly supporting the vertical arm portion of said L-shaped arm.

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