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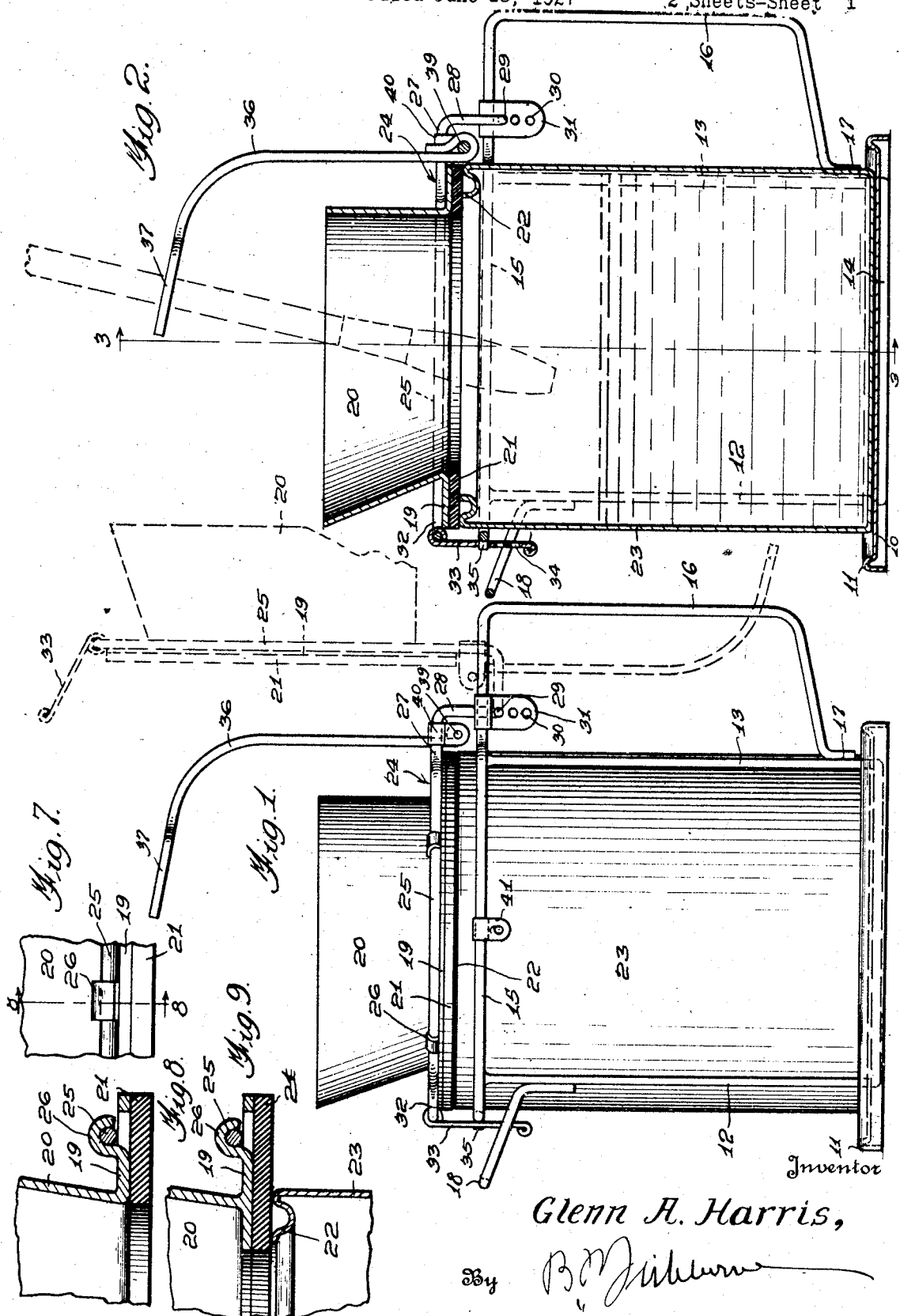
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PAINT BUCKET CARRIER AND BRUSH SUPPORT

Filed June 18, 1927

2 Sheets-Sheet 1



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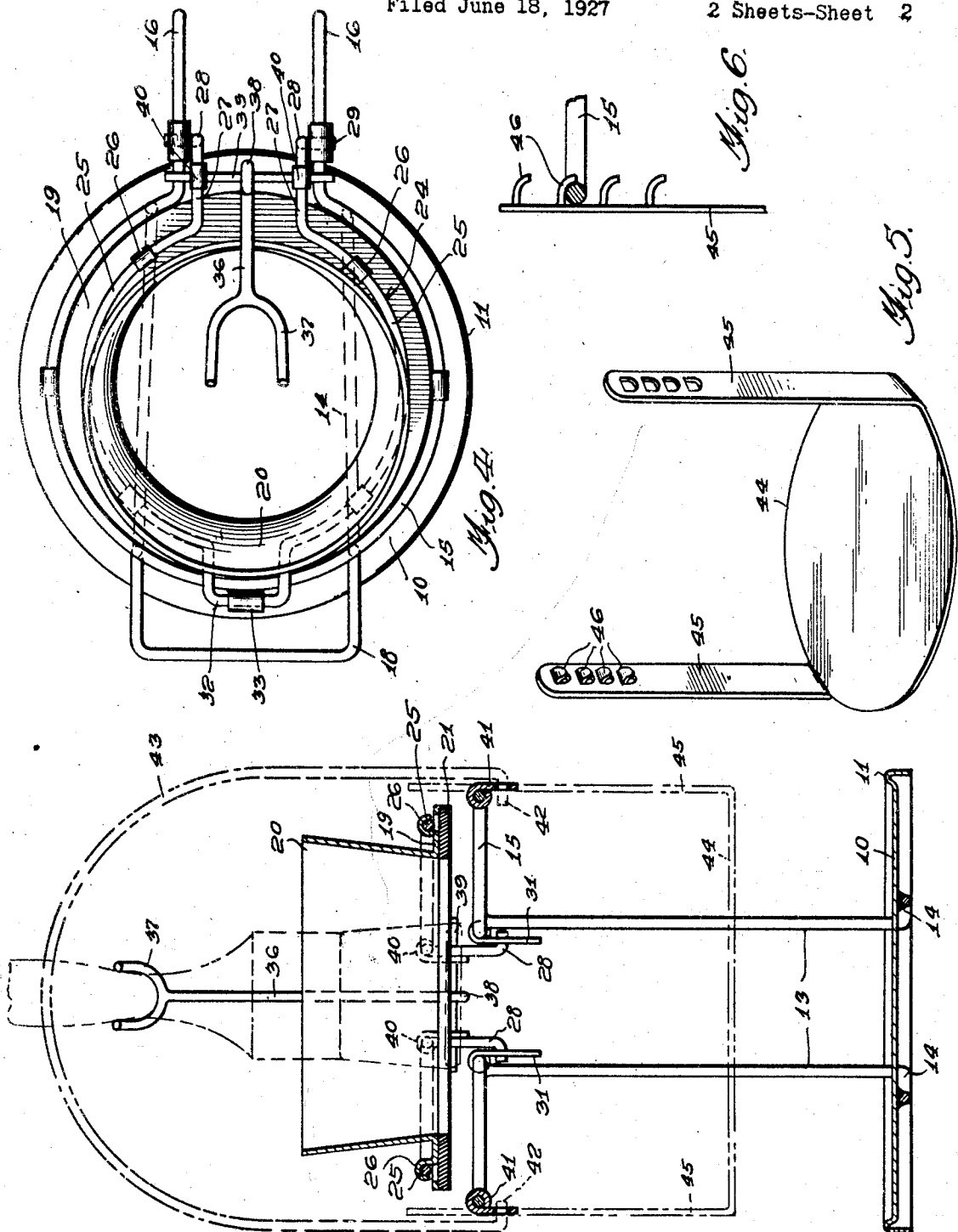
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PAINT BUCKET CARRIER AND BRUSH SUPPORT

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2 Sheets-Sheet 2



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UNITED STATES PATENT OFFICE.

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PAINT-BUCKET CARRIER AND BRUSH SUPPORT.

Application filed June 18, 1927. Serial No. 199,854.

My invention relates to a portable support for holding a can of paint, or the like, in a manner to prevent the spilling of paint from the can, in the usual painting operation.

5 In accordance with my invention, I provide a portable support, preferably in the form of a frame equipped with handle or handles. The frame is adapted for the reception of paint cans of different sizes, within limits.
10 A cover member is preferably pivotally carried by the frame and is adapted to engage upon the top of the paint can upon the removal of the ordinary top of the can. The connection or joint between the cover member
15 and the top of the paint can is of such a character that paint can not pass between these parts. The cover member is preferably provided with a spout, through which the brush may be conveniently dipped, and this spout
20 will serve to drain and guide paint back into the can and further as a pouring means when it is desired to transfer the paint from the can within the portable support, to another can or receptacle. Operating in conjunction
25 with the portable support and associated elements is a brush holder, movable into and out of operative positions, and adapted to support the brush within or over the spout of the cover member. The device is extremely
30 simple in construction and convenient in use.

In the accompanying drawings, forming a part of this specification, and in which like numerals are employed to designate like parts throughout the same,

35 Figure 1 is a side elevation of a device embodying my invention,

Figure 2 is a central vertical longitudinal section through the same,

40 Figure 3 is a transverse vertical section taken on line 3—3 of Figure 2,

Figure 4 is a plan view of the device,

Figure 5 is a perspective view of an adjustable can supporting element,

45 Figure 6 is an edge elevation of one of the arms of the adjustable can supporting element,

Figure 7 is a fragmentary side elevation of the spout and associated elements,

50 Figure 8 is a detailed section taken on line 8—8 of Figure 7,

Figure 9 is a view similar to Figure 8, showing

a modification of the annular body portion and washer.

The device embodies a portable support 55 including a preferably circular flat base 10, provided at its edge with an upstanding flange 11, bent upon itself and projecting downwardly below the base 10, as shown. The upstanding marginal flange will prevent
60 any paint which might possibly drop down the outer edge of the can, spilling upon the floor, or the like. The base 10 carries a vertical frame, embodying a pair of forward rods 12 and a pair of rear rods 13, rigidly mounted
65 upon the base 10. The rods 12 and 13 preferably extend through openings in the base 10 and are connected beneath this base by horizontal portions 14. The rods are soldered at the points at which they pass through the
70 base 10, forming a liquid-tight joint. The forward and rear pairs of upstanding rods 12 and 13 are rigidly connected at their top by a circularly curved band or rod 15. At
75 its rear ends, the rod or band 15 is continued beyond the rods 13 and are bent into a pair of vertically arranged laterally spaced handles 16, the lower ends of which are soldered or otherwise rigidly attached to the rods 13,
80 as indicated at 17. Rigidly attached to the upper ends of the rods 12 by means of solder or the like, is a transverse loop or handle 18, which is generally U-shaped.

The device further embodies a cover member including an annular body portion 19,
85 provided with an upwardly projecting spout 20. A packing ring or gasket 21, formed of rubber or the like, is cemented or otherwise secured to the lower face of the annular body portion 19, and is adapted to engage upon
90 the flange 22 at the top of the can 23, as shown.

The numeral 24 designates a cover member supporting frame, which is preferably formed of a section of wire or rod bent into circular-
95 ly curved sides 25. These sides 25 are rigidly attached to the annular body portion 19, by means of clips 26, while solder or any other suitable means may be employed. At their rear ends, the sides 25 are bent to pro-
100 duce straight radial extensions 27, which are bent downwardly at their free ends into vertical extensions or cranks 28, the lower ends of which are bent laterally outwardly

into pivot extensions 29, adapted for detachable pivotal engagement within vertically spaced apertures 30 formed in vertical ears or plates 31, rigidly mounted upon the upper ends of the handles 16. The horizontal extensions 27 are somewhat resilient and they may be compressed to withdraw the pivot extensions 29 from within the apertures 30, whereby these pivot extensions may be inserted within the apertures 30, at a selected elevation. This permits of a vertical adjustment for the pivot of the cover member.

At their forward ends the curved sides 25 are bent into a generally U-shaped portion 32, upon which is pivotally mounted a catch 33, provided with vertically spaced apertures 34, adapted to receive a stationary bolt 35, fixed to the forward end of the frame 15. It is obvious that the bolt 35 may be inserted within the aperture 34 of the selected elevation.

Arranged between the horizontal extensions 27 is a brush holder 36, preferably formed of wire and this brush holder is curved at its upper or free end and provided with a fork or pocket 37. At its lower end, the brush holder is equipped with an eye 38, receiving a transverse pin 39, and rigidly secured thereto by solder or the like. The pin 39 is horizontally arranged and pivoted within knuckles 40, which are rigidly attached to the horizontal extensions 27. The brush holder may, therefore, be swung upwardly to project over the spout 20, or may be swung downwardly to the inactive position and will then pass between the handles 26.

I preferably equip the band 15 with apertured knuckles 41, for detachable engagement with inturned pivot extensions 42 of a bail 43. This bail may be employed in transporting the entire device, and is removable, since the handles 16 are ordinarily more convenient for transporting the device in the usual painting operations.

The holder has been described for use in connection with the paint can of a given size, there being means for a slight adjustment of the elevation of the cover member. However, the holder may be employed in connection with cans of different sizes within the maximum size. To accomplish this, I provide a vertically adjustable inner supporting element, including a base 44, which is arranged above the base 10. The base 44 carries upstanding arms 45 provided with longitudinal sets of vertically spaced catches 46, which are adapted to engage over the band 15, and thus support the base 44 at different elevations. By means of the adjustable support including the base 44, a shorter can may be held within the frame and its top brought into engagement with the washer 21.

Ordinarily, the diameter of a paint can decreases when its height decreases and means are provided to take care of this situation,

whereby the holding device may be used in connection with cans of varying diameters, as well as varying heights.

As clearly shown in Figures 2, 3 and 8, the annular body portion 19 is of substantial radial dimension, and hence the washer 21 of corresponding dimension may be employed. The width of the washer 21 will permit the same to engage with the upper end of a can of different diameters, within limits. As shown in Figure 9, the annular body portion 19 may have an increased radial dimension, for accommodating a can of smaller diameter, and the washer 21 will then be of a correspondingly increased radial dimension. The radial dimension of the annular body portion 19 may be varied, to take care of cans of different diameters, as is obvious.

In the use of the device, when a can 23 of the maximum size is used, the cover member is raised and is supported in the elevated position by the ends of the shaft 39 resting upon the tops of the handles 16. The can 23 may now be inserted within the frame and will rest upon the base 10. The cover may now be swung to the lowered position and the washer 21 will engage with the flange 22 of the can, and the cover member is locked in the closed position by the latch element 33. A paint brush may be passed through the spout 20 into the can. When it is desired to support the paint brush, the holder 36 is swung to the raised position, Figure 2, and the handle of the brush is inserted within the fork 37. The forward movement of the holder 36 is limited by its engagement with the annular body portion 19.

When it is desired to use the device in connection with a smaller can, the supporting element embodying the base 44 is employed and adjusted to the desired elevation and the selected catch or tongue 46 hooked over the band 15. The smaller can is now supported upon the base 44, and its top will engage with the washer 21, and if necessary, the radial dimension of this washer and the annular body portion 19 may be increased inwardly, as shown in Figure 9.

It is thus seen that the device is adapted for use in connection with cans of varying sizes, both longitudinally and radially. Further, the device may be made in any suitable size, to accommodate cans of any given dimensions.

It is to be understood that the form of my invention, herewith shown and described, is to be taken as a preferred example of the same, and that various changes in the shape, size and arrangement of parts may be resorted to without departing from the spirit of my invention, or the scope of the subjoined claims.

Having thus described my invention, I claim:—

1. In a portable support for a can of paint

or the like, a base, a skeleton frame arranged above the base and secured thereto and carrying a laterally extending handle, a cover member including an annular body portion and an upstanding spout secured thereto, a washer engaging the annular body portion and adapted to engage the top of the can, vertically adjustable means to pivotally connect the annular body portion with the frame, and vertically adjustable lock means to hold the cover in the closed position.

2. In a portable support for a can of paint or the like, a base, a skeleton frame arranged above the base and secured thereto and having a pair of laterally projecting handles upon one side thereof, a cover member including an annular body portion and a spout carried thereby, a supporting frame carrying the annular body portion and provided with resilient extensions having laterally extending pivot elements, knuckles secured to the tops of the handles and having sets of vertically spaced apertures to receive the pivot elements, and adjustable lock means to hold the annular body portion in the closed position.

3. In a portable support for a can of paint or the like, a base, a skeleton frame arranged upon the base and embodying sets of upstanding rods attached to the base and an upper ring member secured to the rods and continued beyond one set of rods in the form of a pair of spaced handles projecting downwardly and attached at their ends to the adjacent set of rods, the upper ring member being open at the upper ends of the handles whereby it may be brought into clamping engagement with the can by drawing the upper portions of the handles together, a cover member to engage the top of the can and pivotally connected with the frame, and a latch device to hold the cover member in the closed position.

4. In a portable support for a can of paint or the like, a base, a skeleton frame arranged upon the base and embodying sets of upstanding rods attached to the base and an upper ring member secured to the rods and continued beyond one set of rods in the form of a pair of spaced handles projecting downwardly and attached at their ends to the adjacent set of rods, the upper ring member being open at the upper ends of the handles whereby it may be brought into clamping engagement with the can by moving the upper portions of the handles toward each other, a cover member to engage the top of the can and pivotally connected with the frame, a latch to hold the cover member in the closed position and a generally U-shaped handle attached to the other set of rods and positioned opposite the first named handles.

5. In a portable support for a can of paint or the like, a base, a skeleton frame arranged

upon the base and embodying sets of upstanding rods attached to the base and an upper ring member secured to the rods and continued beyond one set of rods in the form of handles having upper portions and projecting downwardly and attached to the adjacent set of rods, a cover member to engage the top of the can and having an opening formed therein and pivotally connected with the upper portions of the handles, a brush supporting member adapted to be swung over the cover member and to a lowered position between the handles, a rod carrying the brush supporting member and connected with the cover member and extending transversely of the handles and adapted to engage with the top portions of the handles to support the cover member in the raised position.

6. In a portable support for a can of paint or the like, a base member, a skeleton frame mounted upon the base member and including an upper ring, a can support arranged above the base member and vertically adjustably connected with the upper ring to be arranged at different elevations, and a cover member pivotally connected with the frame.

7. In a portable support for a can of paint or the like, a base member, a skeleton frame mounted upon the base member and including an upper ring, a can support arranged above the base member and vertically adjustably connected with the upper ring to be arranged at different elevations, a cover member pivotally connected with the frame and embodying an annular member of substantial radial width, and a washer of substantial radial width secured to the annular member to engage with the top of the can, the substantial radial width of the washer enabling the same to engage with the top of cans having different diameters.

8. In a portable support for a can of paint or the like, an encircling structure adapted to receive the can and having a laterally extending handle, a cover member including an annular body portion and an upstanding spout secured thereto, vertically adjustable means to pivotally connect the annular body portion with the encircling structure, and vertically adjustable means to hold the cover in the closed position.

9. In a portable support for a can of paint or the like, an encircling structure for receiving the can, a can support arranged within the encircling structure and vertically adjustably connected with the same to be arranged at different elevations therein, and a cover member adjustably connected with the encircling structure and arranged to engage the top of the can.

10. In a portable support for a can of paint or the like, an encircling structure to receive the can therein, a can support mounted within the encircling structure and verti-

cally adjustably connected with the same to be arranged at different elevations with relation thereto, a cover member adjustably connected with the encircling structure and
5 embodying an annular member of substantial radial width, and a washer of substantial radial width engaging the annular member and adapted to engage the top of the can, the substantial radial width of the washer enabling the same to engage with the top of the 10 cans having different diameters.

In testimony whereof I affix my signature.

GLENN A. HARRIS.