Aug. 26, 1969 F. D. SPENCER 3,463,366

PAINT CAN ATTACHMENT RING WITH POURING LIP

Filed Jan. 24, 1968

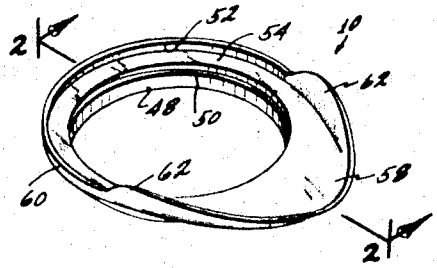


FIG. 1

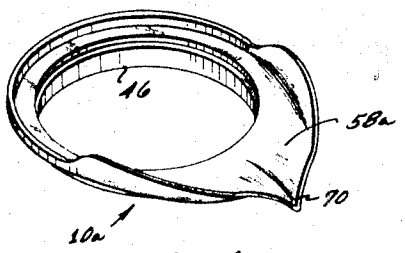
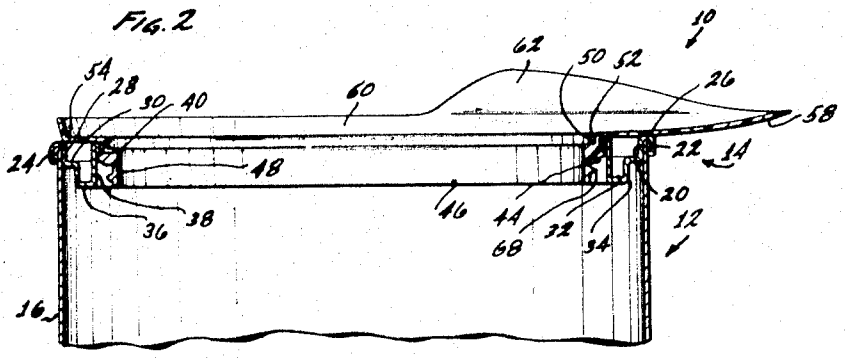


FIG. 4

FIG. 2



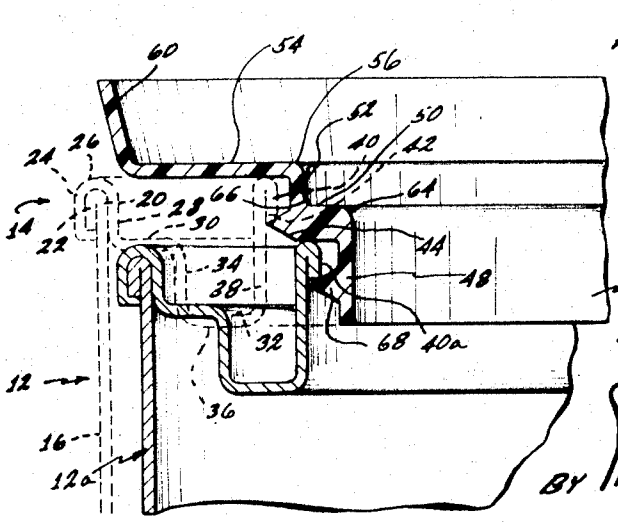


FIG. 3

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United States Patent Office 3,463,366 Patented Aug. 26, 1969

3,463,366

PAINT CAN ATTACHMENT RING WITH POURING LIP

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Filed Jan. 24, 1968, Ser. No. 700,058
Int. Cl. B65d 47/40
U.S. Cl. 222—570 1 Claim

ABSTRACT OF THE DISCLOSURE

Paint is prevented from accumulating in the gutter of a paint can brim by an attachment ring having a depending skirt which carries a first annular shoulder adapted to engage the inner periphery of the brim on a first sized paint can and a second, thicker annular shoulder adapted to engage the inner periphery of the brim of a second sized paint can. The attachment ring includes a pouring lip facilitating the pouring of paint from the paint can.

BACKGROUND OF THE INVENTION

The background of the invention will be set forth in two parts:

Field of the invention

The present invention pertains generally to the field of paint can attachment rings and more particularly to an improved ring of the type disclosed in United States Patent No. 2,960,257.

Description of the prior art

One example of a paint can attachment ring may be found in said Patent No. 2,960,257. The ring disclosed in this patent includes an annular body adapted to seat in the gutter of a paint can brim. This ring has the disadvantage that it will only fit a paint can having a predetermined size and is not usable on a great many paint cans having a second size.

Another disadvantage resides in the fact that it is sometimes difficult to properly seat the annular body in the gutter.

SUMMARY OF THE INVENTION

In view of the foregoing factors and conditions characteristic of paint can attachment rings, it is a primary object of the present invention to provide a new and useful paint can attachment ring not subject to the disadvantages enumerated above and having means adapting it to use on two different sizes of paint cans.

Another object of the present invention is to provide a paint can attachment ring of the type described having annular shoulder means engageable with the inner periphery of a paint can brim for preventing paint from accumulating in the gutter thereof during paint-pouring operations.

According to the present invention, a paint can attachment ring and pouring lip combination includes a depending skirt adapted to engage the inner periphery of the brim on a first sized paint can and a second, thicker annular shoulder adapted to engage the inner periphery of the brim on a second sized paint can.

The device prevents the accumulation of paint in the gutter of a paint can brim and facilitates pouring paint from the can.

The features of the present invention which are believed to be novel are set forth with particularity in the appended claim. The present invention, both as to its organization and manner of use, together with further objects and advantages thereof, may best be understood

by reference to the following description, taken in connection with the accompanying drawings, in which like reference characters refer to like elements in the several views.

BRIEF DESCRIPTION OF THE DRAWING

FIGURE 1 is a perspective view of a first embodiment of a paint can attachment ring and pouring lip of the present invention;

FIGURE 2 is an enlarged, cross-sectional view taken along line 2—2 of FIGURE 1 and showing the device thereof in position on a paint can having a first predetermined size;

FIGURE 3 is an enlarged, partial cross-sectional view similar to FIGURE 2, but showing the device in position on a paint can having a second predetermined size; and

FIGURE 4 is a perspective view of second embodiment of a paint can attachment ring and pouring lip of the present invention.

DESCRIPTION OF THE PREFERRED EMBODIMENTS

Referring again to the drawing and more particularly to FIGURES 1–3, a paint can attachment ring and pouring lip constituting a first embodiment of the present invention, generally designated **10**, is shown in combination with a paint can **12** having a brim **14** comprising a sheet metal annular body. Can **12** includes an encompassing side wall **16** having an upper edge **20** provided with a bead **22**. Brim **14** has an outer peripheral edge **24** provided with a rounded flange **26** clamped over bead **22**. Brim **14** includes an encompassing side wall **28** depending from flange **26** inside side wall **16** of can **12** and having an annular, substantially horizontal shelf **30** provided at the lower end thereof. Shelf **30** extends inwardly from and is displaced below, flange **26** and merges into a depending annular gutter **32**.

Gutter **32** has a depending side wall **34**, a bottom wall **36** and an inner, vertical side wall **38**. The side wall **38** rises above shelf **30** and carries a bead **40** at its upper end which is slightly below flange **26**. Bead **40** includes a lower, annular edge **42** forming a slight shoulder with sidewall **38** for engaging a first annular rib **44** provided on an annular skirt **46**, forming an integral part of attachment ring **10**, to prevent paint from flowing over bead **40** and into gutter **32** during paint-pouring operations. Skirt **46** includes a first vertical portion **48**, a horizontal portion **50** and a second vertical portion **52**. An annular shelf **54** extends outwardly from the upper edge **56** of the second vertical portion **52** and merges into pouring lip **58**. A side wall **60** extends upwardly and slightly outwardly from shelf **54** and includes an elevated portion **62** at the rear end of lip **58**. Side wall **60** then diminishes from elevated portion **62** to shelf **54** at the front end of lip **58** to facilitate pouring paint from can **12**. Shelf **54** extends over gutter **32** so that paint will not accumulate therein during paint-pouring operations.

The upper edge **64** of side wall **48** and the upper edge **56** of side wall **52** form suitable edges for wiping paint from a brush. This paint then returns to can **12** without entering gutter **32**.

The rib **44** extends outwardly from the lower edge **66** of sidewall **52** and is adapted for use with cans having a first predetermined diameter. A second annular rib **68** extends outwardly from the first vertical portion **48** of skirt **46** and is adapted to engage a bead **40***a* on a paint can **12***a* having a second predetermined diameter which is smaller than that of can **12**. Thus, attachment ring **10** may be used with two different sizes of cans.

Referring to FIGURE 4, an attachment ring constituting a second embodiment of the present invention, generally designated **10***a*, may be identical to the device **10**, except that a modified lip **58***a* is provided with a downwardly-directed front edge **70**.

What is claimed is:

1. In combination with a paint can gutter including an inner vertical side wall which carries a bead having a lower annular edge forming a slight shoulder with said inner vertical side wall, an attachment ring with pouring lip, comprising:

an annular skirt including first and second substantially vertical portions each having upper and lower edges and a substantially horizontal portion joining the upper edge of said first vertical portion to the lower edge of said second vertical portion;

an annular shelf extending outwardly from said upper edge of said second vertical portion, said annular shelf being positionable over said gutter in a substantially horizontal position when said annular skirt is disposed inside said paint can adjacent to and parallel with said inner vertical side wall of said can;

a side wall extending upwardly from said annular shelf, said side wall on said shelf and said shelf merging into a pouring lip, whereby said side wall encompasses all but a portion of said shelf.

a first annular rib extending outwardly from said first vertical portion of said skirt; and

a second annular rib extending outwardly from said second vertical portion of said skirt, said first annular rib being adapted to engage said inner vertical side wall of said cam adjacent said slight shoulder in sealing relation therewith when said attachment ring is used on cans having an inner side wall of a first predetermined diameter and said second annular rib being adapted to engage said inner vertical side wall of said can adjacent said slight shoulder in sealing relation therewith when said attachment ring is used on cans having an inner side wall of a second predetermined diameter, said upper edges of said first and second vertical portions of said annular skirt comprising wiping edges for removing excess paint from a brush dipped into said can when said attachment ring is in position thereon.

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