March 30, 1943. C. A. EILERS 2,315,250

DETACHABLE SPOUT

Filed June 20, 1939

Fig. 1.

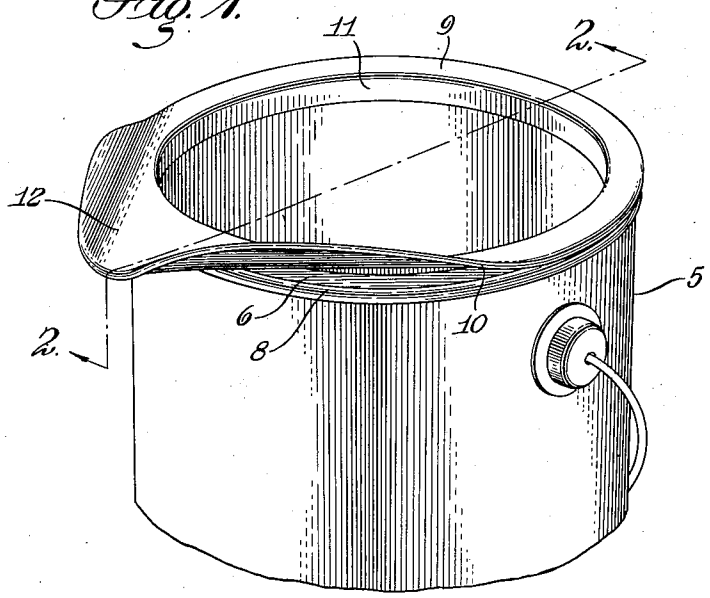
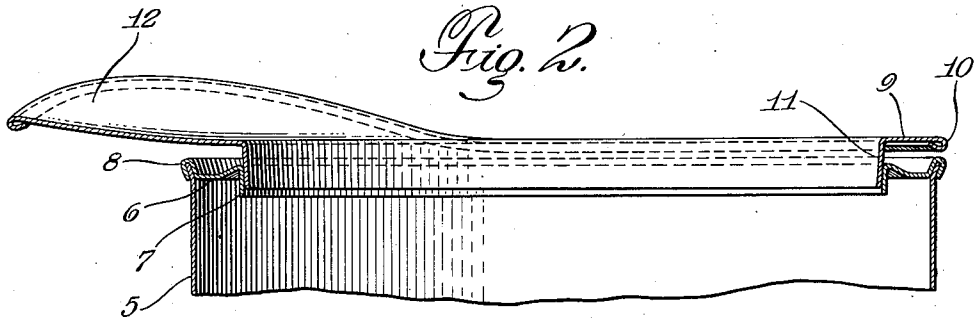


Fig. 2.



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DETACHABLE SPOUT

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1 Claim. (Cl. 221—23)

The present invention relates to a detachable spout for cans such as paint cans and the like.

An important object of the invention resides in the provision of a pouring spout adapted to be substituted for the cover of a can and to be frictionally held within the space normally retaining the can closure whereby the contents of the can may be readily dispensed.

A further object of the invention resides in the provision of a pouring spout comprising a flanged rim adapted to be frictionally held within the can, the rim being formed with upturned edges on a part thereof to form the pouring spout, the same being readily attachable to and detachable from the can with which it is associated.

The invention will be fully and comprehensively understood from a consideration of the following detailed description when read in connection with the accompanying drawing which forms a part of the application.

In the drawing:

Figure 1 is a perspective view of a can with the pouring spout embodying the features of the present invention attached thereto, and

Figure 2 is a transverse sectional view being taken substantially on line 2—2 of Figure 1.

Referring to the drawing for a more detailed description thereof, there is disclosed a container 5 of the type generally employed for packaging paints and the like. This type of container is usually formed with an inwardly extending annulus 6 having a downturned flange 7, with the outer edge of said annulus being crimped or sealed with the edge of the can as indicated at 8. A cover, not shown, is frictionally held within the flange 7, the same being provided with a lip or the like pressed into engagement with the annulus 6.

In the packaging of paints there is oftentimes present a film of oil on the top surface thereof which it is necessary to remove prior to mixing the paint. The spout forming a part of the present invention is adapted to be associated with the container in a manner to permit the pouring of the film of oil from the can or for dispensing the entire contents thereof in an easy and expeditious manner.

The attachment for the container 5 comprises an annular rim 9 formed with a beaded edge 10 and downturned flange 11, the flange 11 being adapted to frictionally engage the flange 7 when attaching the device. The lip or pouring spout 12 is formed integral with the rim 11 curving upwardly and outwardly as shown. The lip 12 is to be formed from the rim 9 without disturbing the general contour of the flange 11 since it is preferred that said flange have frictional contact with the flange 7 throughout its entire area. After the spout has been positioned on the container 5, the contents thereof may be readily poured from the lip 12 in an easy and expeditious manner.

The spout is readily detachable from the container and may be repeatedly used with similar sized containers, the same being removed in a manner similar to removing the closure lid of the container by the insertion of a pointed instrument between the annulus 6 and rim 9 and exerting pressure upwardly thereon.

Also it will be understood, of course, by those skilled in the art that variations in the hereinabove described device involving the substitution of substantial equivalents for the devices described are intended to be comprehended within the spirit of the present invention and that the invention is capable of extended application and is not confined to the exact showing of the drawing nor to the precise construction described and, therefore, such changes and modifications may be made therein as do not affect the spirit of the invention nor exceed the scope thereof as expressed in the appended claim.

What is claimed is:

The combination with a container having at its upper end an inwardly extending flange provided with a downwardly turned flange for retaining a cover thereon, of a pouring spout comprising an annular flat ring covering the inwardly extending flange of the container and provided at its inner edge with a downwardly turned flange frictionally engaging the downwardly turned flange of the container, and a lip portion integral with one side of the ring and extending beyond the edge of the container and forming a concave pouring portion.

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