

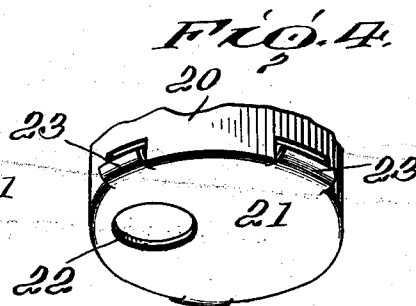
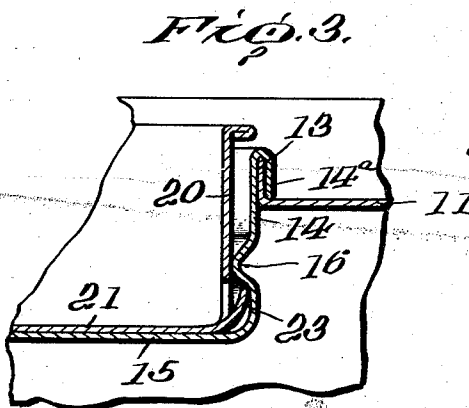
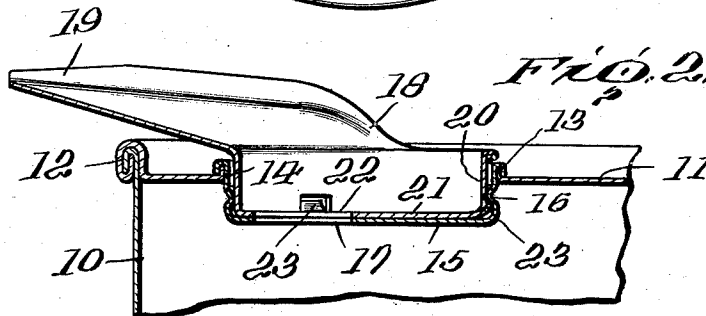
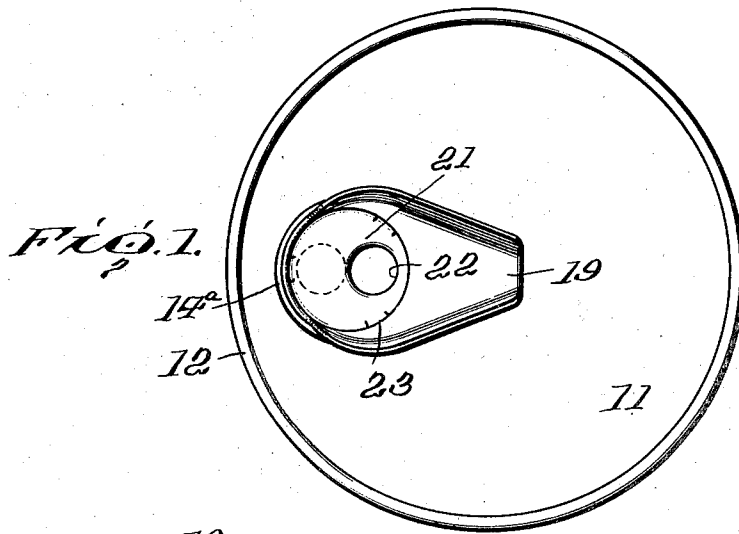
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F. J. O'BRIEN ET AL

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CONTAINER AND DETACHABLE POURING SPOUT

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Inventors

FRANK J. O'BRIEN and
WILLIAM F. PUNTE

By

Mason + Porter

Attorneys

UNITED STATES PATENT OFFICE

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CONTAINER AND DETACHABLE POURING SPOUT

Frank J. O'Brien, Pelham, and William F. Punte,
Syracuse, N. Y., assignors to Continental Can
Company, Inc., New York, N. Y., a corporation
of New York

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2 Claims. (Cl. 221-23)

The present invention relates to new and useful improvements in dispensing containers, and more particularly to improvements in a container having a closure and a pouring spout adapted to be attached thereto for dispensing the contents of the container.

An object of the present invention is to provide a container of the above type having a bung closure to which a pouring spout may be rotatably and detachably secured for dispensing the contents.

A further object of the invention is to provide a container of the above type wherein the bung closure is provided with an inwardly extending bead and wherein the pouring spout is provided with spaced holding lugs adapted to engage beneath the bead on the bung for rotatably and removably attaching the pouring spout to the closure.

The above and other objects of the invention will in part be obvious, and will be hereinafter more fully pointed out.

In the accompanying drawing,

Figure 1 is a top plan view of a container with the pouring spout turned to a closed position.

Figure 2 is an enlarged fragmentary sectional view of the container showing the pouring spout turned to a dispensing position.

Figure 3 is a further enlarged fragmentary sectional view showing the connection between the pouring spout and the closure.

Figure 4 is a fragmentary perspective view showing the bottom of the pouring spout.

In the accompanying drawing, one form of the invention is shown for purposes of illustration. In this form of the invention, there is shown a container having a cylindrical body portion 10, although it is to be clearly understood that the body portion may be of any suitable configuration. A can end 11 is secured to the body portion by the usual double seam 12. The can end 11 is provided with an upstanding neck portion 13 which extends around the edge of a filling opening therein.

A closure is provided for the opening in the can end, and this closure is in the form of a bung having a vertical wall portion 14 and a bottom wall 15 which is disposed within the container. The vertical wall portion 14 is shaped as at 14a to overlie and engage the neck portion 13 on the can end. It is to be understood, however, that the bung closure may be secured to the neck portion 13 in any suitable manner. Intermediate the ends of the vertical wall portion 14 on the bung closure there is provided an inwardly extending

bead 16 which is spaced from the bottom wall 15. This inward bead 16 provides a holding ledge or flange, the purpose of which will be hereinafter more fully pointed out. The bottom wall 15 of the bung closure is provided with a scored portion 5 which may be punched through to provide a dispensing opening 17.

A pouring spout 18 is constructed so that it may be removably and rotatably attached to the bung closure. The spout 18 is provided with a dispensing portion 19 and with a depending cylindrical wall portion 20. The bottom wall 21 of the spout is provided with an opening 22. The depending vertical wall portion 20 of the spout 18 is slit at intervals and the metal between the slits is forced outwardly to provide outwardly extending lugs 23. These lugs 23 provide resilient holding fingers which are adapted to engage beneath the bead 16 on the vertical wall portion 14 of the bung closure, as shown particularly in Figure 3. The depending wall portion 20 of the pouring spout is of a diameter less than the diameter of the vertical wall portion 14 on the bung closure.

When the container has been filled and the bung closure seamed thereto, the pouring spout 18 may either be attached directly to the bung closure, or it may be furnished separately for subsequent attachment thereto when it is desired to open the container and to dispense the contents thereof. In attaching the spout to the bung closure, the depending cylindrical portion 20 of the spout is forced inwardly of the bung closure so that the resilient holding lugs 23 will pass over the inner edge of the bead 16 and become engaged beneath the bead, as shown in Figure 3. Thus, the lugs 23 maintain the spout in position on the container and permit rotation of the spout relative to the bung closure. When the spout is rotated to the position shown in Figure 1, the opening 22 therein is out of register with the opening 17 in the bottom wall 15 of the bung closure so that the container is closed. When, however, the spout is rotated to the position shown in Figure 2, the openings 22 and 17 are in alignment so that the contents of the container may be poured through the spout portion 19. When the container is empty, the spout 18 may be removed from the bung closure and used again with another container of the same general type.

While one form of the invention has been shown and described for purposes of illustration, it is to be clearly understood that minor changes in the details of construction and arrangement of parts

may be made without departing from the scope of the invention as set forth in the appended claims.

We claim:

- 5 1. A container comprising a body portion, a container end secured to said body portion and having a filling opening therein, a closure hav-
10 ing a bottom wall and a depending side wall portion fitting within the filling opening in said container end and having the side wall thereof se-
15 cured to said container and around the filling opening therein, the depending side wall portion of said closure being provided with an inwardly
20 extending bead spaced above the bottom wall and the bottom wall of said closure having a scored
25 portion adapted to provide a dispensing opening, and a spout having a depending side wall portion adapted to extend within the side wall portion
on said closure and having a plurality of spaced outwardly extending resilient holding lugs adapted to engage beneath said bead for rotatably
and removably attaching the spout to the closure, the bottom of said spout being shaped to provide an opening adapted to be brought into
and out of register with the dispensing opening in the bottom wall of said closure whereby to control the dispensing of the contents of the container.

2. A container comprising a body portion, a container end secured to said body portion and having a filling opening therein, said container end being provided with an outward flange around the said filling opening, a closure having 5
a bottom wall and a depending side wall portion fitting within the opening in said container end and having the side wall thereof secured to said outward flange, the depending side wall portion 10
of said closure being provided with an inwardly extending bead spaced above the bottom wall thereof and the bottom wall of said closure hav-
ing a scored portion adapted to provide a dispensing opening, and a spout having a bottom wall and a depending side portion adapted to 15
extend within the closure and having a plurality of spaced outwardly extending resilient holding lugs adapted to engage beneath said bead for rotatably and removably attaching the spout to the 20
closure, the bottom wall of said spout having a dispensing opening for controlling the dispensing of the contents of the container through the dispensing opening in the bottom wall of said closure.

FRANK J. O'BRIEN. 25
WILLIAM F. PUNTE.