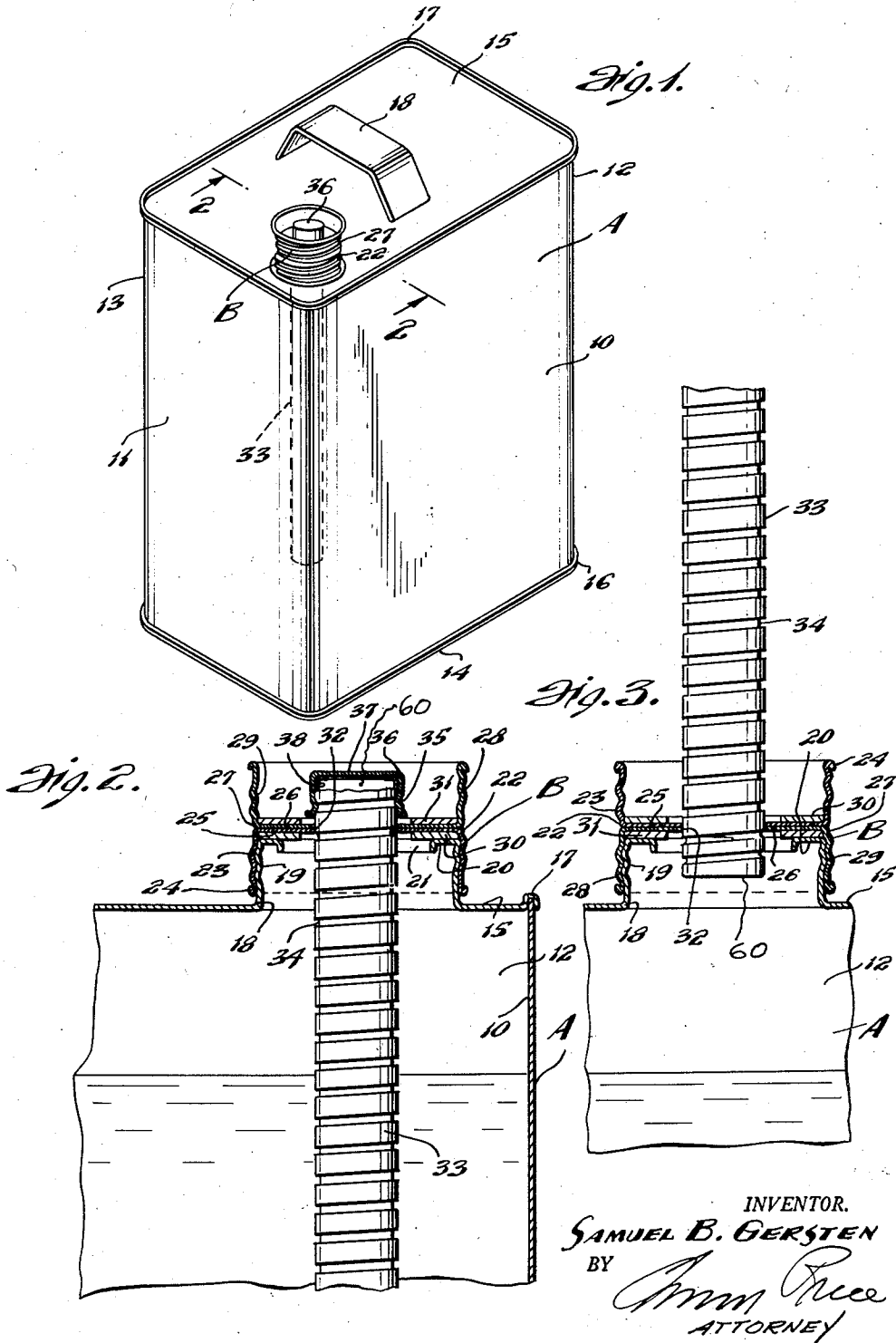


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DISPENSING ATTACHMENT FOR CONTAINERS,
INCLUDING A REVERSIBLE SPOUT
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DISPENSING ATTACHMENT FOR CONTAINERS, INCLUDING A REVERSIBLE SPOUT

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1 Claim. (Cl. 222—539)

1

The present invention relates to a container and it particularly relates to a can or container of the type for carrying liquid soap, oil, gasoline and so forth.

Although the present invention will be particularly directed to a reversible combination screw cap and pouring spout for metal container, it will be understood that it has a much broader application to liquid and powder receptacles in general with or without screw cap connections.

It is among the objects of the present invention to provide a novel, inexpensive, durable and readily manufactured and assembled combination screw cap and pouring spout which by simple manipulation will seal a container against loss of fluid or powder contents thereof and which at the same time will permit ready pouring of the contents without the use of separate external pouring elements or funnels.

Another object is to provide a novel unitary pouring and cap unit which may be applied to cans with screw sleeves as well as to other types of receptacles and containers.

Still further objects and advantages will appear in the more detailed description set forth below, it being understood, however, that this more detailed description is given by way of illustration and explanation only and not by way of limitation, since various changes therein may be made by those skilled in the art without departing from the scope and spirit of the present invention.

In accomplishing the above objects, it has been found most satisfactory, according to one embodiment of the invention, to form a combination pouring and cap unit of a double threaded sleeve having an intermediate base or partition through which projects one end of an elongated flexible pouring spout. The spout may be made of a flexible, tubular, metal member.

The flexible tube may be of such character as to itself receive a smaller cap for sealing purposes when it is not being used for pouring. By unscrewing and reversing the cap, the spout may be caused to project from the container or to project within the container, in which latter condition the opening through the spout may be readily sealed by a small cap.

With the foregoing and other objects in view, the invention consists of the novel construction, combination and arrangements of parts as hereinafter more specifically described, and illustrated in the accompanying drawings, wherein is shown an embodiment of the invention, but it is to be understood that changes, variations and

2

modifications can be resorted to which fall within the scope of the claim hereunto appended.

In the drawings wherein like reference characters denote corresponding parts throughout the several views:

Fig. 1 is a side perspective view of the can with the combination spout and cap in position thereon and with the spout inserted into the interior of the container.

Fig. 2 is a fragmentary transverse vertical sectional view on the line 2—2 of Fig. 1 and upon an enlarged scale as compared to Fig. 1.

Fig. 3 is a fragmentary transverse sectional view similar to Fig. 2 and upon the same plane with the combination cap and pouring spout in inverted position.

Referring to Fig. 1, there is provided a can or container for fluid or powder and a cap and pouring spout unit B. The can has the side walls 10, 11, 12 and 13, the bottom wall 14 and the top wall 15. The walls 14 and 15 are connected to the side walls 10 to 13 by the beading 16 and 17.

The handle 18 may be attached to the top wall 15. The top 15 of the container has an upturned sleeve or tubular member 18 which is threaded at 19. The sleeve 18 is turned inwardly and downwardly as indicated at 20 and 21, respectively.

Screwed onto the sleeve 18 is the lower cap element 22 having a depending screw sleeve 23 with a bottom lip or bead 24. The cap element 22 has a base 25 which is soldered or welded to the base 26 of the opposite cap 27. The opposite cap 27 has an upstanding sleeve 28 which is threaded at 29. Said caps 22 and 27 are provided with cork or sealing annuli 30 and 31, respectively, for sealing against the top 20 of the threaded sleeve 18 of the can or container A.

The contacting bases 25 and 26 have a central opening 32 through which in liquid-tight fashion projects the end 60 of the flexible tube 33. The tube 33 has the spiral groove 34. The spiral groove 34 serves as a screw groove to receive the threaded portion 35 of the small cap 36. The base 37 of the cap 36 will abut the top 38 of the spout 33 in liquid-tight fashion when the spout 33 is in the position of Figs. 1 and 2.

In the position of Figs. 1 and 2, the container A is closed by the screw cap 22 together with the screw cap 36, the latter fitting on the end 60 of the flexible hose 33. When the combination B is inverted as shown in Fig. 3, after the cap 36 is removed, the flexible tubular spout 33 may be turned in any desired direction and used for pouring into a tank.

55

3

The spout 33 may be made of various shapes and forms and it can be made rigid with or without a bent end. The spout 33 may also be made from various plastic or metal materials or even of rubber or glass.

It is thus apparent that the applicant has devised a simple, inexpensive combination pouring spout and cap unit for cans which is inexpensive to manufacture and particularly advantageous in usage.

While there has been herein described a preferred form of the invention, it should be understood that the same may be altered in details and in relative arrangement of parts within the scope of the appended claim.

Having now particularly described and ascertained the nature of the invention, and in what manner the same is to be performed, what is claimed is:

A pouring closure for a container comprising a double threaded end tubular member consisting of two screw caps soldered back-to-back, each with a sealing cork annulus and an elongated threaded pouring spout extending through and

4

sealed to said member, said spout having a short end projecting on one side of said tubular member and a long pouring end projecting on the other side of said tubular member, the tubular member being reversible to cause the long end to extend away from said container in pouring position, and a threaded cap to fit on the short end to seal the spout and the container when the short end projects from said container in non-pouring position.

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