Jan. 2, 1934. I. J. BURDICK 1,941,929

NONREFILLABLE CONTAINER

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Fig. 1

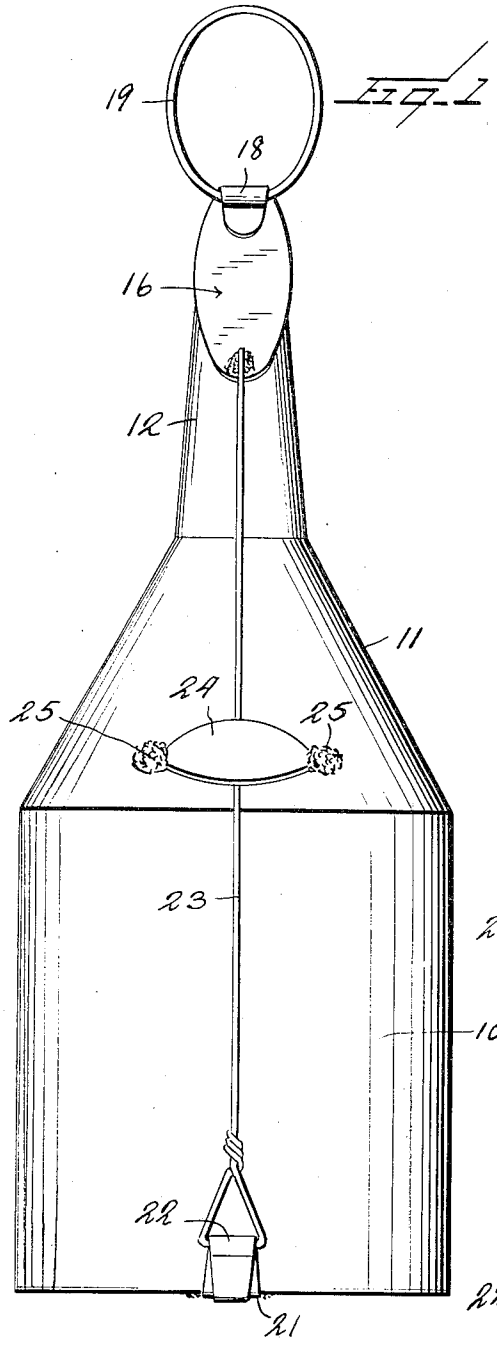
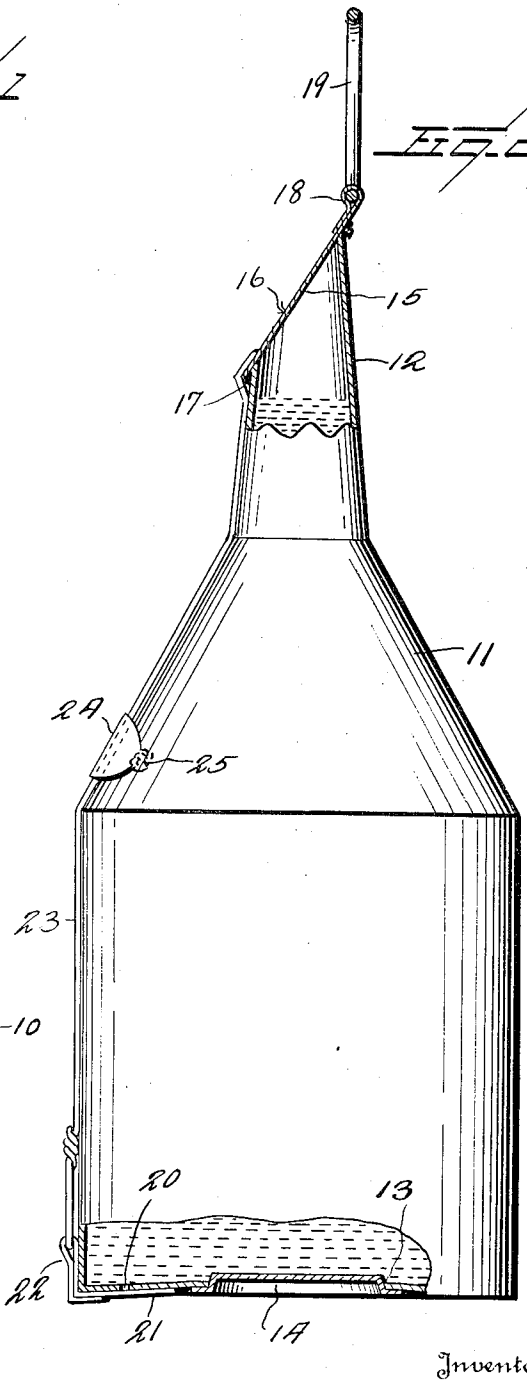


Fig. 2



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NONREFILLABLE CONTAINER

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9 Claims. (Cl. 221—28)

This invention relates to non-refillable containers.

An object of this invention is to provide a container constructed to receive a quantity of liquid, the container embodying features whereby when the liquid is withdrawn, the container cannot readily be refilled so that the container may be sold by a manufacturer containing a certified product and cannot thereafter be refilled.

Another object of this invention is to provide a container of this type which is provided with a severable closure to which is connected a vent closure so that when the two closures have been removed, the liquid will readily flow out of the container which in the present instance has been designed to hold oil or the like but may, of course, hold any other liquid.

A further object of this invention is to provide a container having an opening in the bottom thereof through which the device may be filled and also having a separate pouring spout provided with a closure which is connected by means of a wire or the like to a vent closure and intermediate the two closures the connecting means is sealed to the container so that once the two closures have been removed, they cannot thereafter be replaced without evidence of the fact that the original container has been tampered with.

The above and various other objects and advantages of this invention will in part be described and in part be understood from the following detailed description of the present preferred embodiment, the same being illustrated in the accompanying drawing wherein:—

Figure 1 is a detail front elevation of a device constructed according to the preferred embodiment of this invention.

Figure 2 is a detail side elevation of the device partly broken away and partly in section.

Referring to the drawing wherein like numerals designate corresponding parts throughout the views, the numeral 10 designates generally a container which is provided with a funnel-shaped upper end portion 11 terminating in a pouring spout 12. The bottom of the container is provided with a filling opening 13, which is closed by means of a frictional closure 14. The container herein disclosed has been designed particularly for receiving oil or the like, although any other kind of liquid may be placed in the container. The spout 12 is cut off on an angle, as at 15, and the upper or open end of the spout 12 is closed by means of a closure or plate 16 which may be secured as by soldering 17 or the like.

The upper end of the closure 16 terminates in an eye 18 through which a ring 19 is extended, this ring 19 constituting a means whereby the closure 16, which is of relatively flexible material such as light sheet metal or the like, will readily bend under pressure, and the solder 17 is of a character such that when the ring 19 is pulled, the solder will release the closure 16 from the upper end of the spout 12.

The container 10 is provided with a vent opening 20 in the bottom thereof, and a closure plate 21 covers this vent opening 20 and is soldered or otherwise secured thereto, and this plate 21 has an eye or loop 22 integral therewith, which receives one end of a wire or connecting means 23, which connects the vent closure 21 with the pouring closure 16.

The connecting means 23 in the form of a relatively flexible wire extends along the side wall of the container 10 and at the desired point intermediate the ends of this wire, a seal 24 extends across the wire or connecting means 23 and is secured as by solder 25 to the side wall of the container 10. The seal 24 may be of any desired material but preferably of lead or the like which can be torn when the wire 23 is pulled off of the can 10. In the use of this non-refillable container, the spout closure 16 and the vent closure 21 are first secured in position by solder or any other type of securing means whereupon the liquid may be placed in the container 10 through the filling opening 13. The closure 14 can then be placed in position and, if desired, this closure can be sealed in any desired manner so that the only manner in which the liquid can be withdrawn is through the pouring spout 12.

It is, of course, understood that various changes and modifications may be made in the details of construction and design of the above specifically described embodiment of this invention without departing from the spirit thereof, such changes and modifications being restricted only by the scope of the following claims.

What is claimed is:—

1. A non-refillable container comprising a receptacle having a filling opening, a filling closure for said opening, a pouring spout carried by the receptacle, said receptacle having a vent opening at a point remote from the spout, a closure for said spout, severable securing means for securing said latter closure to the spout, a vent closure, means for securing the vent closure on the receptacle, and connecting means connect-

ing the spout closure and the vent closure together.

2. A non-refillable container comprising a receptacle having a filling opening, a filling closure for said opening, a pouring spout carried by the receptacle, said receptacle having a vent opening remote from the spout, a closure for said spout, a closure for said vent opening, severable securing means for each of said latter closures, connecting means connecting the spout closure and the vent closure together, and severable securing means carried by the closure and overlying said connecting means.

3. A non-refillable container comprising a receptacle having a filling opening in the bottom thereof, a filling closure for said opening, a pouring spout carried by the receptacle, said receptacle having a vent opening remote from the spout, a closure for said spout, a closure for said vent, severable securing means for securing said spout closure to the spout, severable securing means for securing the vent closure to the receptacle, an eye integral with the spout closure, a ring in said eye and providing means to facilitate severing of the spout closure from the spout, a connecting means secured at one end to the spout closure, an eye integral with the vent closure, the opposite end of said connecting means extending through the eye of said vent closure, and a sealing member secured to the exterior of the receptacle and overlying the connecting means.

4. A container as set forth comprising a receptacle having a discharge opening and having a vent opening opposed to said discharge opening, a closure for said discharge opening, a closure for said vent opening and connecting means connecting the two closures together.

5. A container as set forth comprising a receptacle having a discharge opening and having a vent opening, a closure for said discharge opening, a closure for said vent opening, connecting means connecting the two closures together, and a seal secured to the receptacle and engaging over the connecting means intermediate the two closures.

6. A container as set forth comprising a receptacle, a pouring spout fixed to one end of the receptacle, said receptacle having a vent opening, a closure secured to the spout, a closure for the vent opening, and connecting means connecting the two closures together.

7. A container as set forth comprising a receptacle, a pouring spout fixed to one end of the receptacle, said receptacle having a vent opening remote from said spout, a closure fixed to the spout, a closure for the vent opening, connecting means connecting the two closures together whereby to facilitate removal of one closure upon removal of the other closure, and a sealing member engaging over the connecting means and secured to the receptacle intermediate the two closures.

8. A container as set forth comprising a receptacle, a pouring spout fixed to one end of the receptacle, said receptacle having a vent opening remote from the discharge end of the spout, a closure secured to the discharge end of the spout, a closure for the vent opening, connecting means connecting the two closures together, and means secured to one of the closures to facilitate removal thereof.

9. A container as set forth comprising a receptacle, a pouring spout fixed to one end of the receptacle, said spout having an inclined discharge opening, said receptacle having a vent opening remote from the discharge opening of the spout, a closure for the discharge opening of the spout, a closure for the vent opening, and connecting means connecting the two closures together whereby to facilitate removal of one of the closures upon removal of the other closure.

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