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H. A. DOHRMANN
CONTAINER FOR OILS, ETC

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Fig. 1.

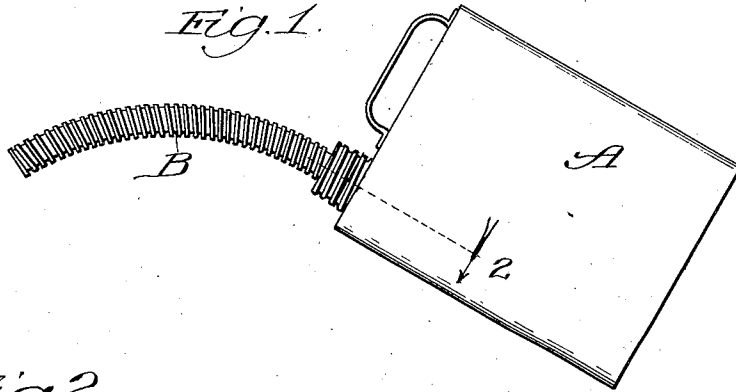


Fig. 2.

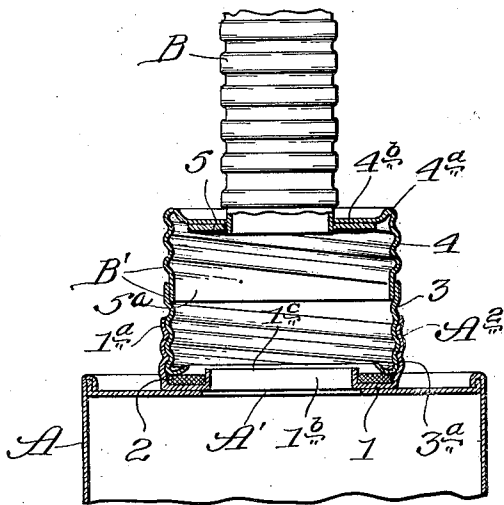
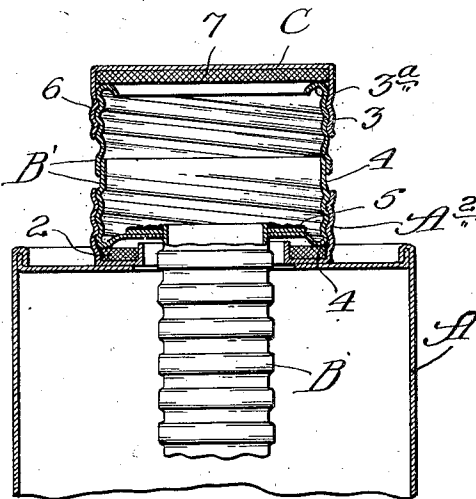


Fig. 3.



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CONTAINER FOR OILS, ETC.

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This invention relates particularly to a can, or container, adapted for carrying oil, or other fluid. The improved container is especially useful for enabling a supply of lubricating oil to be carried under the seat of an automobile, but the invention may be put to analogous uses.

According to the present invention, a flexible reversible spout is provided for the container, this spout being adapted to be housed in the container, or used, as for example, in pouring oil into the crank case of a motor.

The invention is illustrated in its preferred embodiment in the accompanying drawing, in which—

Fig. 1 illustrates the improved container tilted for the purpose of discharging oil; Fig. 2 is a broken sectional view taken as indicated at line 2 of Fig. 1; and Fig. 3 is a broken sectional view showing the flexible spout housed in the container and a cap applied to the nipple with which the spout is equipped at its base portion.

In the illustration given, A designates a can, or container, having its top provided with an opening A', encircled by a tubular nipple A² which is soldered, or otherwise secured to the top wall of the can; B designates a flexible spout, or conduit, which is attached to a reversible, or double, nipple B', either end of which can be secured into the fixed nipple A²; and C designates a cap applied to the nipple B' after the latter has been screwed into the nipple A² of the can.

The nipple A² may be of any suitable construction. It is preferred to form the nipple from a cap-disk 1 which has a flange portion 1^a suitably formed, or spirally corrugated, to provide a thread. The disk portion of the cap is provided with a perforation 1^b which registers with the opening A' in the top of the can. The metal is struck upwardly at the perforation in the disk, thus providing a flange 1^c. Between this flange and the flange 1^a is inserted a gasket, or cork washer, 2.

The tubular nipple B' as shown comprises sections 3 and 4 which are partially telescoped with relation to each other, thus forming a seam at 5^a. The sections 3 and 4 are

spirally corrugated, so that either one may be screwed into the nipple A². The section 3 is provided with a bead 3^a adapted to bear against the gasket 2. The section 4 is also provided with a bead 4^a, adapted to bear against the gasket 2 in the manner shown in Fig. 3. The member 4 has a wall 4^b which is perforated and receives one end of the flexible conduit B. The conduit is suitably joined to the disk 4^b to provide a liquid-tight joint. This may be effected by means of a washer of solder, as indicated at 5.

The cap C is provided with a threaded flange 6 which is adapted to screw onto the member 3 of the nipple B' when the parts are in the position shown in Fig. 3. The cap is also provided with a gasket, or cork disk, 7, adapted to bear against the bead 3^a, as shown in Fig. 3.

The conduit B preferably is a flexible metal hose which, in the illustration given, is of well known construction.

For the purpose of shipping the improved cans in empty condition, the parts may be assembled in the manner shown in Fig. 3. If desired, the same mode of assembly may be employed when the can is filled with oil for the purpose of enabling a supply of oil to be carried in an automobile. When it is desired to put oil in the crank case, for example, the cap C is removed, and the nipple B' is removed and the hose withdrawn from the can. The flexible spout is then applied in the manner shown in Fig. 2, and the can may be manipulated, for the purpose of pouring the oil, as illustrated in Fig. 1.

If desired, the flexible spout may be carried separately, and a suitable cap may be screwed onto the nipple A² of the oil container. In such case, when it is desired to fill a crank case, the cap is removed from the nipple A², and the flexible spout is applied as shown in Fig. 2. If desired, the member B' may be formed integrally, drawn from a single disk.

The foregoing detailed description has been given for clearness of understanding only, and no unnecessary limitations should be understood therefrom, but the appended claim should be construed as broadly as permissible, in view of the prior art.

What I regard as new, and desire to secure by Letters Patent, is:

A container comprising a can having an end wall provided with a discharge opening, a threaded nipple secured to said end wall at the margin of said opening and equipped with an internal gasket, a reversible threaded nipple adapted to engage said first-mentioned nipple, and project above the same, a conduit secured to said reversible nipple, said conduit being adapted to be housed within said can during transportation and said reversible nipple being adapted to make sealing contact with said gasket in this condition of the device, and a cap adapted to screw onto the outer end of said reversible nipple when the conduit is housed within said can, said cap having therein a gasket adapted to make sealing contact with the free end of said reversible nipple.

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