

G. H. CHINNOCK.
NOZZLES FOR CANS.

No. 172,552.

Patented Jan. 25, 1876.

Fig. 1.

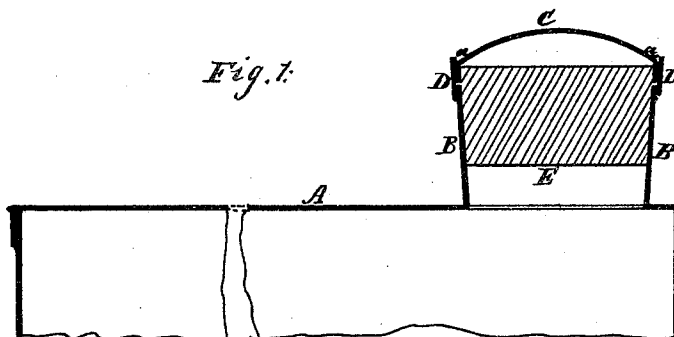


Fig. 2.

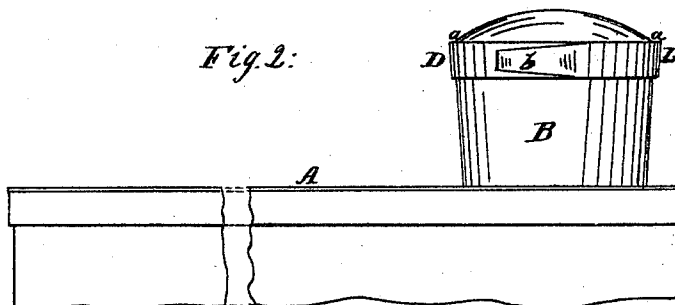
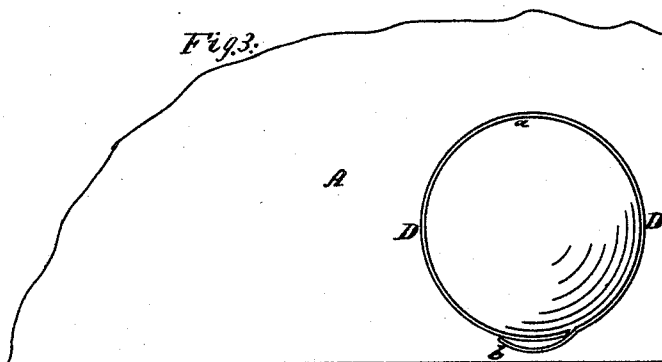


Fig. 3.



Witnesses
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UNITED STATES PATENT OFFICE

GEORGE H. CHINNOCK, OF BROOKLYN, NEW YORK, ASSIGNOR TO LEONARD RICHARDSON, OF SAME PLACE.

IMPROVEMENT IN NOZZLES FOR CANS.

Specification forming part of Letters Patent No. 172,552, dated January 25, 1876; application filed September 25, 1874.

To all whom it may concern:

Be it known that I, GEORGE H. CHINNOCK, of Brooklyn, in the county of Kings and State of New York, have invented certain Improvements in Tops or Nozzles for Closed Metal Cans, of which the following is a specification:

This invention relates to that class of cans used for holding and transporting in convenient quantities kerosene oil and other liquids, and provided with what are technically called "tops" or "nozzles," through which they are filled and emptied, as occasion requires.

The invention consists in a novel means whereby provision is made for hermetically sealing the top or nozzle during transport, for easily opening the same when required, and for temporarily closing the same when the can is in ordinary use after opening, and when the original sealing devices have been permanently removed.

Figure 1 is a vertical sectional view of a top or nozzle made according to my invention. Fig. 2 is a side view of the same. Fig. 3 is a plan view of the same.

A is the flat upper end of an ordinary sheet-metal can for holding kerosene or other liquids, and furnished with the cylindrical shell B, formed of sheet metal, soldered or otherwise secured by a tight joint to the end A, and, when open, constituting the inlet and outlet opening of the can. It is preferred that this shell should be of somewhat increased diameter at the upper part—in other words, of slightly conical form—to permit the convenient insertion of a cork or plug, E. This cork E is designed to project above the upper edge of the shell B, as shown in Fig. 1. C is a cap or cover, formed, preferably, of sheet metal, and the periphery *a* of which may be turned downward to constitute a kind of flange. This cap corresponds circumferentially with the upper edge of the shell A,

above which it is placed. D is a strip of sheet-tin placed around the adjacent edges of the cap and the shell, and soldered thereto with soft and easily-ruptured solder. One extremity of the strip D laps past the other, and is left loose or unsoldered to form a flap or fin, *b*, as represented in Fig. 3.

The can being filled with the liquid for the holding and transportation of which it is designed, the shell closed by the insertion of the cork E, and the cap attached to the shell by means of the strip D, as hereinbefore set forth, the can, hermetically closed, may be transported to any distance, or stored for any length of time, without danger to or from its contents, and without liability of injury to, or displacement of, the cork protected by the lid.

When it is desired to open the can to permit the removal of all or any portion of its contents, it is only necessary to grasp the fin *b* with pinchers or other suitable instrument, and by pulling outwardly thereon tear the strip from the shell and the cap, thereby detaching the latter from the former, and exposing the projecting upper end of the cork. The cork may then be taken out and replaced at will in the ordinary use of the can in filling lamps, &c., the cork snugly inserted in the shell sufficiently closing the same during the usual household or similar use of the can, but not under the conditions and vicissitudes of long-continued storage or transportation.

What I claim as my invention is—

The combination of the cork E, the shell B, the cap or cover C, and the soldered strip D, the whole arranged upon the top A of the can, substantially as and for the purpose specified.

GEO. H. CHINNOCK.

Witnesses:

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