W. H. BARTELS

OIL-CAN.

No. 193,212. Patented July 17, 1877.

Fig. 1.

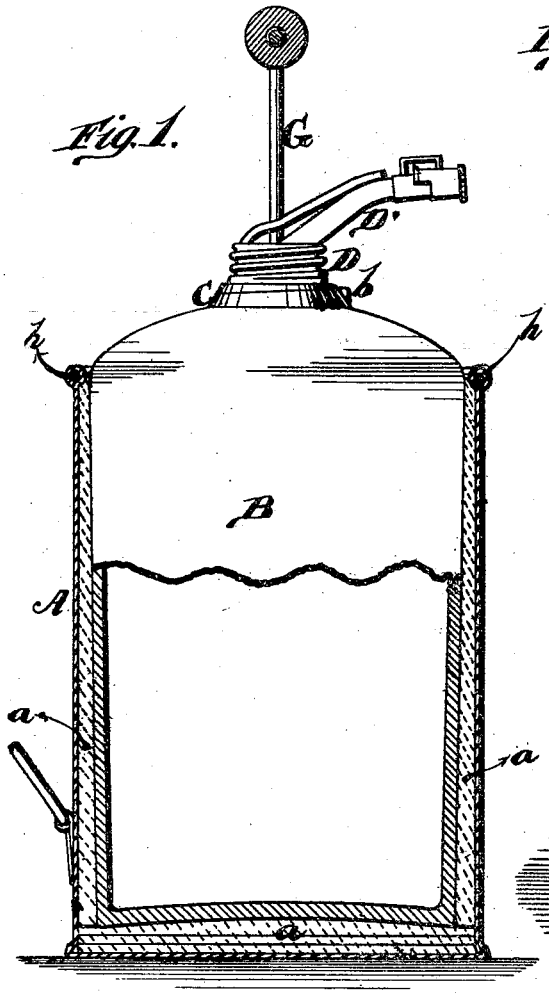
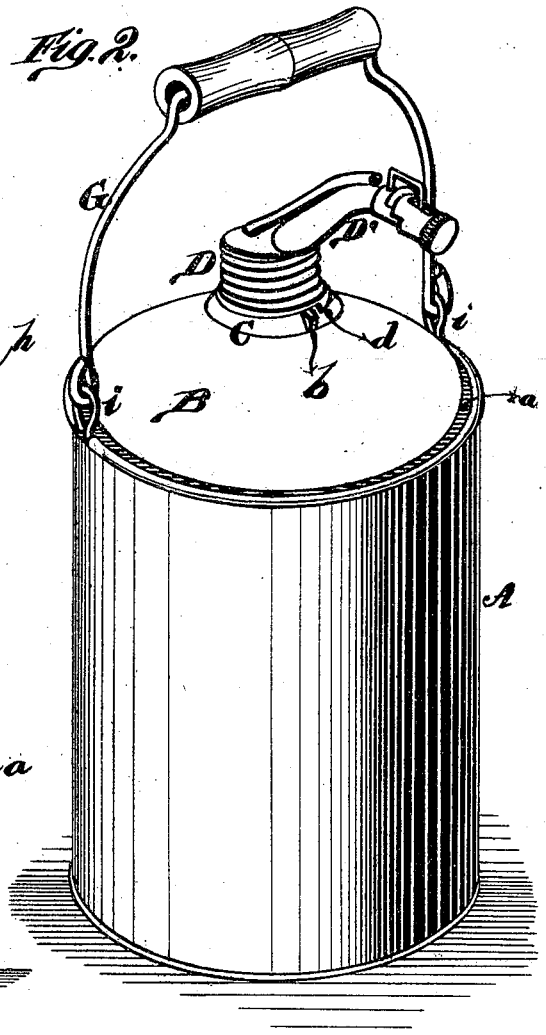


Fig. 2.



WITNESSES

Robert Everett

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UNITED STATES PATENT OFFICE.

WILLIAM H. BARTELS, OF ELGIN, ILLINOIS, ASSIGNOR OF ONE-HALF HIS RIGHT TO WALDO R. EATON, OF SAME PLACE.

IMPROVEMENT IN OIL-CANS.

Specification forming part of Letters Patent No. **193,212**, dated July 17, 1877; application filed June 27, 1877.

To all whom it may concern:

Be it known that I, WILLIAM H. BARTELS, of Elgin, in the county of Kane and State of Illinois, have invented a new and valuable Improvement in Oil-Cans; and I do hereby declare that the following is a full, clear, and exact description of the construction and operation of the same, reference being had to the annexed drawings, making a part of this specification, and to the letters and figures of reference marked thereon.

Figure 1 of the drawings is a representation of a vertical sectional view of my oil-can, and Fig. 2 is a perspective view of the same.

My present invention is intended as an improvement on the oil-can for which Letters Patent No. 189,682 were granted to me April 17, 1877; and it consists essentially in stops formed on the screw-cap and upon the metal collar of the can, and in the combination of parts, as will be hereinafter more fully set forth.

The annexed drawings, to which reference is made, fully illustrate my invention.

A represents the outer case or receptacle, made of tin or other metal, in cylindrical form, as shown. B is the glass can or bottle, made slightly tapering, so that its lower end will be a trifle smaller in diameter than the upper end, and when the can, therefore, is inserted into the case A, with packing *a* interposed between them, the can becomes wedged in the case.

The bottom of the can B is made flat and two, three, or more thicknesses of the felt or other packing is placed between it and the bottom of the case A.

C is the usual screw-threaded collar, made fast on the neck of the can B; and D is the screw-cap, provided with the outlet-tube D′ and screwed on said collar.

This screw-cap is ordinarily struck up of sheet metal, and hence will easily split or otherwise get broken if screwed up too far; and if once screwed too far, the outlet-tube cannot be allowed to remain in its proper position—at right angles to the carrying bail—without the cap leaking.

To obviate this difficulty I provide the screw-collar C on one side, near the base, with a lug or projection, *b*, and the base of the screw-cap D is provided with a shoulder or projection, *d*, which form stops against each other, stopping the cap when it has been screwed up tightly, preventing its being turned too far, and leaving the discharge-tube in its proper position at right angles with the bail.

G represents the carrying-bail the ends of which are attached in loops *i i* on opposite sides of the case A. These loops are formed by bending upward the strengthening-wire *h* around the upper end of the case, said wire being surrounded by the edge of the metal in the usual manner for wiring tinware. At the points where the loops *i i* are formed the metal is, of course, cut away, to allow them to pass upward, as shown.

The bead formed around the upper end of the case by the wire *h* naturally forms a shoulder around the inside as well as the outside of the case; and the shoulder inside overlaps part of the packing, so as to hold the same more firmly in place.

The glass can being made slightly tapering, as described, it becomes, as it were, wedged in the outside case, and if the can should become broken it will not necessitate the injury of the outside case for removing the can.

What I claim as new, and desire to secure by Letters Patent, is—

1. In an oil-can, the combination of the screw-collar C with the screw-cap D, having the outlet-tube D′, arranged in said cap, and stops *b* and *d*, arranged respectively on the collar and cap, whereby the outlet-tube, when the cap is screwed on, is always at right angles to the bail, substantially as described.

2. An oil-can, consisting of an outer cylindrical metal case, having a strengthening-wire around its top, forming an interior shoulder, an interior glass can made tapering from top to bottom, and an interposed packing, substantially as and for the purposes herein set forth.

In testimony that I claim the above I have hereunto subscribed my name in the presence of two witnesses.

WM. H. BARTELS.

Witnesses:
C. H. MCEWEN,
GEORGE E. UPHAM.