

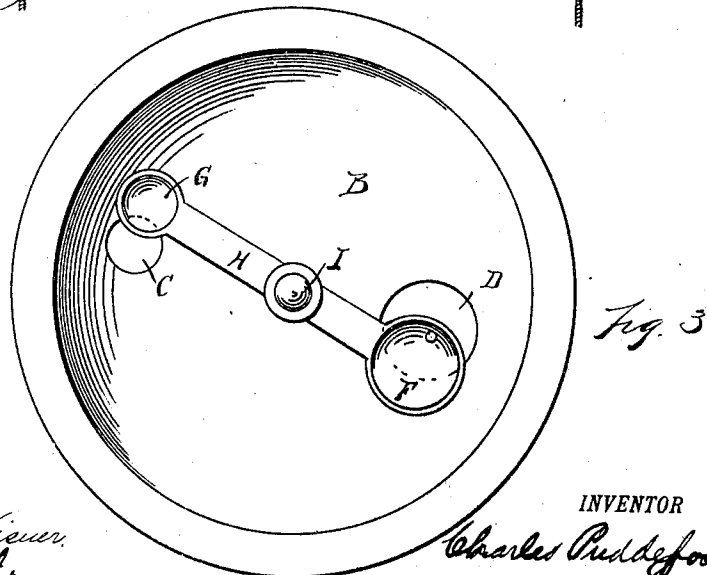
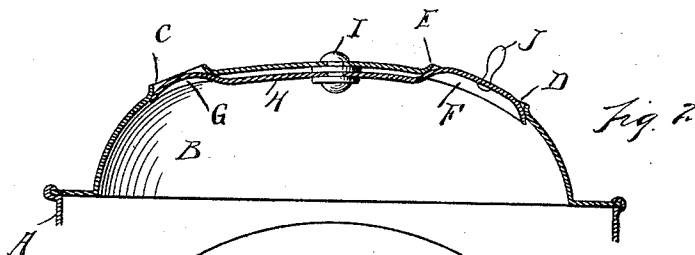
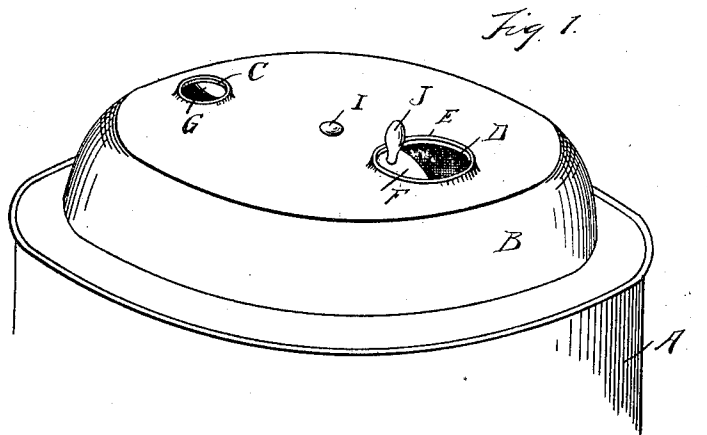
No. 701,086.

Patented May 27, 1902.

C. PUDDEFOOT.
CLOSURE.

(Application filed Sept. 6, 1901.)

(No Model.)



WITNESSES
Chas. E. Mearns.
R. C. Smith.

By

INVENTOR
Charles Puddefoot
W. H. Maguire
Attorneys.

UNITED STATES PATENT OFFICE.

CHARLES PUDDEFOOT, OF DETROIT, MICHIGAN, ASSIGNOR, BY MESNE ASSIGNMENTS, TO BRISCOE MANUFACTURING COMPANY, OF DETROIT, MICHIGAN, A CORPORATION.

CLOSURE.

SPECIFICATION forming part of Letters Patent No. 701,086, dated May 27, 1902.

Application filed September 6, 1901. Serial No. 74,491. (No model.)

To all whom it may concern:

Be it known that I, CHARLES PUDDEFOOT, a citizen of the United States, residing at Detroit, in the county of Wayne and State of Michigan, have invented certain new and useful Improvements in Closures, of which the following is a specification, reference being had therein to the accompanying drawings.

The invention has reference generally to cans or other receptacles for holding liquids, the receptacles each being provided with the usual fill and discharge openings; and the invention consists in novel means for closing the openings and effectively sealing the cans or receptacles against the escape of gas or liquid except during the pouring operation.

The invention further consists in other details of construction, as will be hereinafter more fully set forth, and shown in the drawings, in which—

Figure 1 is a perspective view of the top of a can with my closures applied thereto. Fig. 2 is a section through the can-top, showing the construction of the closures; and Fig. 3 is a bottom plan view of the can-top.

In the drawings thus briefly referred to, A designates the receptacle, which in this case is in the form of a can of any preferable construction and provided with a curved top or cover B. As shown, the cover has formed therein a discharge opening or aperture C and a fill and vent opening D, the edges of the apertures being struck up, as shown in Fig. 2, forming outwardly-extending annular flanges E.

F and G designate the closures for the apertures in the top of the can, preferably spring-pressed, so as to be automatically projected within the apertures to seat against the flanges. The closures are herein shown as raised caps located at the extremity of a carrier or cut-off plate H. The carrier in turn is swiveled upon the support I, preferably a rivet, which is rigidly attached to the cover or can-top by soldering and depends substantially central therefrom, as illustrated.

The carrier described is formed of spring metal, and as a matter of preference the caps are formed integral with the plate or carrier,

as plainly indicated in Fig. 2. By means of a lug or stud J upon the closure F, which controls the fill-opening in the can, the carrier may be rotated in a horizontal plane and the closures automatically projected within the openings or disengaged from the latter, as may be desired.

From the description of my invention it will be obvious that the closures by seating tightly against the edges of the apertures will effectively prevent the escape of the liquid within the can and that by having the support upon which the carrier is swiveled rigidly attached to the can-top the can is capable of being properly sealed. It is also to be noticed that the means employed for sealing the can are of very simple construction and are therefore capable of being produced at slight cost.

What I claim as my invention is—

1. The combination of a receptacle cover or top having a fill and a discharge opening therein, closures for said openings, a fixed support rigidly attached to and depending from the cover, a spring-carrier for both closures mounted upon the support in proximity to said cover for horizontal rotation, and means for actuating the carrier.

2. The combination of a receptacle cover or top having a fill and a discharge opening therein, closures for said openings, a support rigidly attached to and depending centrally from the cover, a spring-carrier for both closures swiveled upon the support for horizontal movement, and an actuating device for the carrier rigidly secured to the closure controlling the fill-opening.

3. The combination of a can cover or top having a discharge and a fill opening therein, the portions of the cover about the openings being struck up to form outwardly-extending annular flanges, a carrier-plate formed of spring metal pivoted centrally to the can-cover for horizontal rotation, raised caps at the ends of and integral with the carrier-plate, and a stud fixed upon the cap controlling the fill-opening and projecting through said opening, substantially as described.

4. The combination of a receptacle cover or top having a fill and a discharge opening

formed therein, a single carrier-plate formed of spring metal pivoted centrally to and upon the under side of said cover or top for horizontal rotation, raised caps upon the plate ends
5 adapted to be projected upwardly by the plate when rotated within said openings, and bearing normally against the under face of the cover or top when out of registration with the

openings, and a stud upon one of the caps for rotating the carrier. 10

In testimony whereof I affix my signature in presence of two witnesses.

CHARLES PUDDEFOOT.

Witnesses:

L. J. WHITEMORE,
H. C. SMITH.