

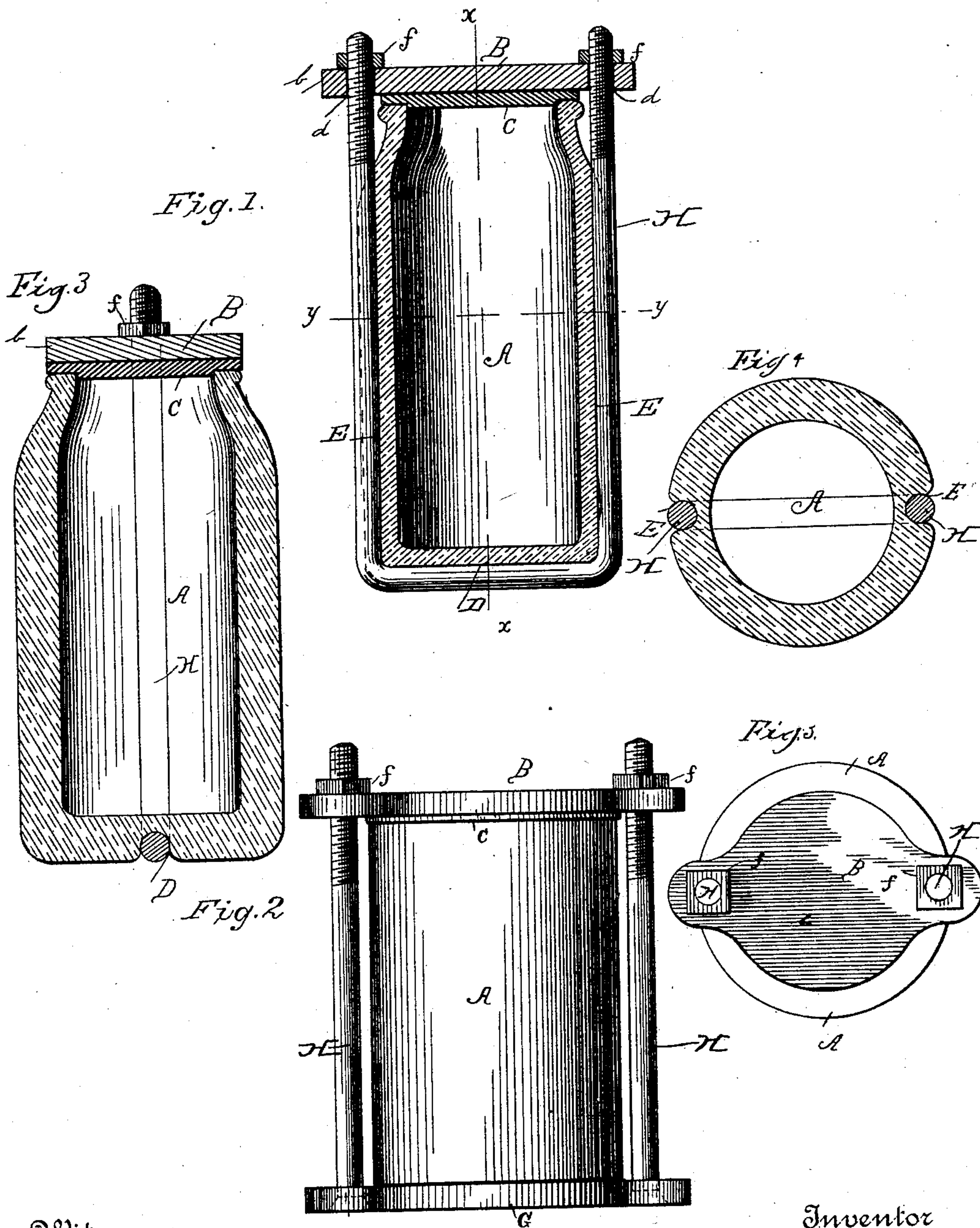
(No Model.)

M. F. DICKEY.

JAR FASTENER.

No. 360,515.

Patented Apr. 5, 1887.



Witnesses
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UNITED STATES PATENT OFFICE.

MARION FLUTCHER DICKEY, OF YEGUA, TEXAS.

JAR-FASTENER.

SPECIFICATION forming part of Letters Patent No. 360,515, dated April 5, 1887.

Application filed February 2, 1887. Serial No. 226,311. (No model.)

To all whom it may concern:

Be it known that I, MARION FLUTCHER DICKEY, a citizen of the United States, residing at Yegua, in the county of Burleson and State of Texas, have invented a new and useful Improvement in Jar-Fasteners, of which the following is a specification.

My invention is an attachment for fruit cans or jars, and relates to devices for closing said cans or jars; and the object I have in view is to provide a fastening device which will be simple in construction, easy and efficient in operation, and which can be readily applied to or removed from the can or jar. This object I attain by the use of the device shown in the accompanying drawings; and the novelty consists in certain features thereof, hereinafter first fully described, and then specifically pointed out in the claim.

In the said drawings, Figure 1 is a vertical sectional view of a fruit-jar provided with my improved fastening device, and Fig. 2 is a side elevation showing a modified form especially adapted for use upon the ordinary fruit cans or jars in common use. Fig. 3 is a vertical section on the line *x x*, Fig. 1. Fig. 4 is a horizontal section on the line *y y*. Fig. 5 is a plan view.

A is a fruit jar or can, and B is a cap-plate resting upon and closing the upper open end thereof.

C is a rubber packing ring or disk placed between the under side of the cap-plate B and the upper end or top of the jar, to more effectually exclude the air. The cap-plate B is provided with perforated lugs or ears *b*, which are so arranged as to come on diametrically-opposite sides of the jar when the device is properly applied to the same. The jar is provided with vertical grooves E on its sides diametrically opposite each other, and a groove, D, extending across the bottom and connecting the ends of the grooves E, thus forming one continuous groove around the jar in a vertical plane. Within this groove E D E, I place a U-shaped bolt, H, the ends of which are

inserted through the perforations in the cap-plate, and are provided with nuts *f*, which turn thereon up against the cap-plate and serve to secure the device to the jar.

In Fig. 2 I have shown the manner of applying my device to the ordinary cans and jars in common use, which, it is well known, are not constructed with a groove across the bottom and up the sides. In this modified form of my device I employ a base-plate, G, similar to the cap-plate B, upon which the jar or can rests. The cap-plate and disk are applied in the usual manner, and the bolts are inserted upward through the base and cap plates, and secured by nuts, in the same manner as formerly. In this case it will be seen that I employ two bolts of the ordinary construction instead of the single U-shaped bolt used in the former arrangement. In both forms it will be seen that the bolts are fixed in place and the jar is closed by the cap-plate by turning the securing nuts up against the plate, which will force it against the top of the jar. The bolts extend below the bottom of the jar and the pressure exerted by the bolts, or the strain put upon them, is resisted by the entire jar and not by small lugs or projections thereon, as has been done heretofore.

Having thus described my invention, what I claim, and desire to secure by Letters Patent, is—

The combination, with a fruit can or jar having a continuous groove across its bottom and up its sides, of a U-shaped bolt resting in said groove, a cap-plate resting on the top of the jar and through which the legs of the bolt extend, and securing nuts turning on the ends of the bolt above the cap-plate, substantially as specified.

In testimony that I claim the foregoing as my own I have hereto affixed my signature in presence of two witnesses.

MARION FLUTCHER DICKEY.

Witnesses:

B. F. COWAN,
E. J. HARVEY.