

(No Model.)

N. H. LONG.
FRUIT JAR FASTENER.

No. 517,410.

Patented Mar. 27, 1894.

Fig. 1.

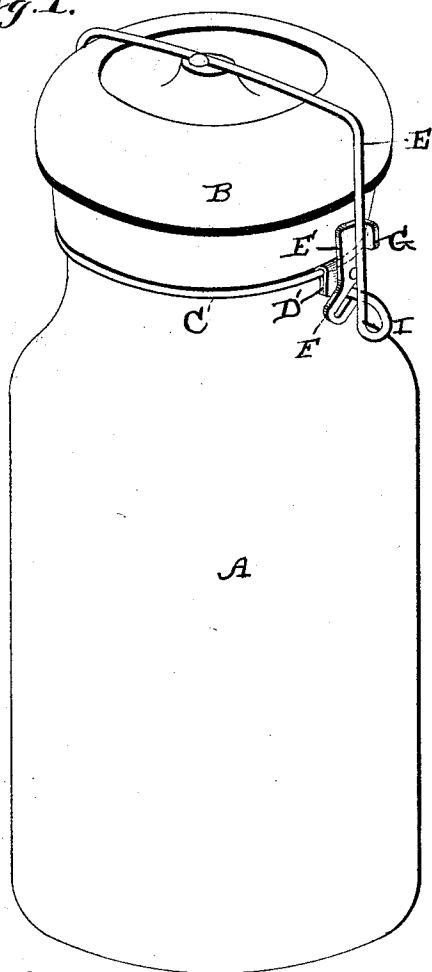


Fig. 2.

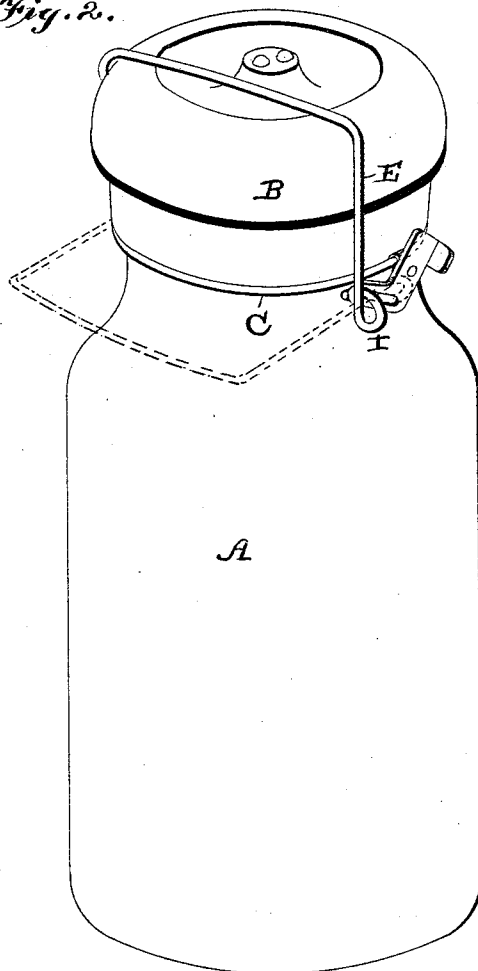


Fig. 3.

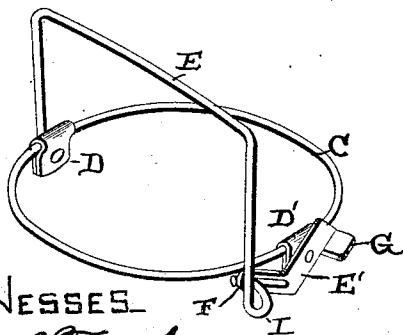
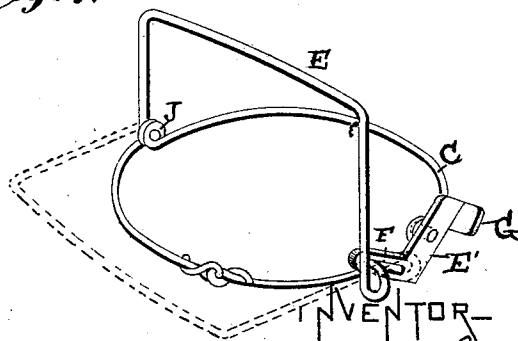


Fig. 4.



WITNESSES

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UNITED STATES PATENT OFFICE.

NATHAN H. LONG, OF MUNCIE, INDIANA, ASSIGNOR OF ONE-HALF TO DAVID W. STEWART, OF SAME PLACE.

FRUIT-JAR FASTENER.

SPECIFICATION forming part of Letters Patent No. 517,410, dated March 27, 1894.

Application filed March 18, 1893. Serial No. 466,747. (No model.)

To all whom it may concern:

Be it known that I, NATHAN H. LONG, a citizen of the United States, residing at Muncie, in the county of Delaware and State of Indiana, have invented certain new and useful Improvements in Fruit-Jar Fasteners, of which the following is a specification, reference being had therein to the accompanying drawings.

My invention relates to an improvement in jar cover fasteners; and it consists in the novel combination and arrangement of parts which will be fully described hereinafter, and more particularly referred to in the claims.

The object of my invention is to provide an improved fastener which will hold the cover securely in position and which will when unclamped allow ample room for the same to be withdrawn.

Referring to the accompanying drawings—Figure 1 is a perspective view of a jar provided with my improved fastener, showing the position of the same when clamping the cover. Fig. 2 is a similar view, the fastener being unclamped. Figs. 3 and 4 are detail views of the fastener device.

A, designates the jar; B, the cover therefor, and C, a wire encircling the neck of the jar. Upon this wire is secured the ear D, to which one end of the yoke or clamping wire E, is attached. Upon the opposite side of the wire from the ear D, is the ear D', and pivotally connected thereto is the locking lever E', having an outwardly projecting portion, F, at its lower end forming a bell crank lever and a finger hold G, at its upper end, as shown. The projection F, is slotted longitudinally which brings said slot at an angle to the main portion of said lever E' and confined in this slot is the end of the yoke E. Before entering the said slot however the said end is coiled or twisted, as shown at I, to form a spring. Now when the cover is clamped the lever E', is turned into a vertical position, as shown in Fig. 1, with the finger hold G resting against the yoke E, and in this position the end of said yoke is pulled to the upper end of the slot in the projection F, throwing

it past the vertical center of the pivot of the lever H, and the adjacent depending portion of the bail E in contact with the ear G thus forming a perfect lock, as will be clearly understood. When the cover is to be removed the lever E', is turned to the position shown in Fig. 2 thus throwing upward the outer end of the projection F, and the end of the yoke E, moving to the outer end of the slot on which it is confined it may be lifted a sufficient distance vertically to relieve the pressure of the yoke on the lid and to pass over the edge of the lid and to lie down against the side of the jar as shown by dotted lines in Fig. 2 to allow convenient removal of the lid from its seat. When clamped the spring I, acts as a tension on the yoke so that the downward pull upon the top when being clamped is not a dead pull which might at times break the yoke, but rather a yielding pull, while at the same time there is not sufficient spring to retard a firm clamping of the lid.

In Fig. 4 coils J, are shown as formed in the wire C, which may be substituted for the ears D, and D', if so desired for securing the end of the yoke and for supporting the lever E', it will be observed that one prong of the yoke that is confined in the slot is longer than the other.

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

A jar cover fastening comprising a band, a bail having one end connected with one side of the band, a lever pivoted between its ends to the opposite side of the band provided with a laterally extending slot below its pivotal point into which the opposite end of the bail extends, and a laterally projecting stop at the upper end of the lever against which the bail abuts, substantially as described.

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

NATHAN H. LONG.

Witnesses:

ANNA LONG,
FRANK B. LEADBETTER.