

No. 771,121.

PATENTED SEPT. 27, 1904.

W. E. BROWN.
JAR CLOSURE.

APPLICATION FILED NOV. 24, 1903.

NO MODEL.

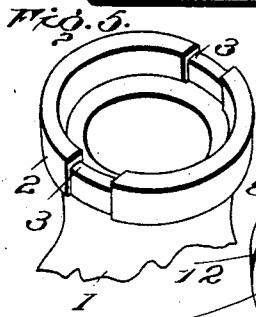
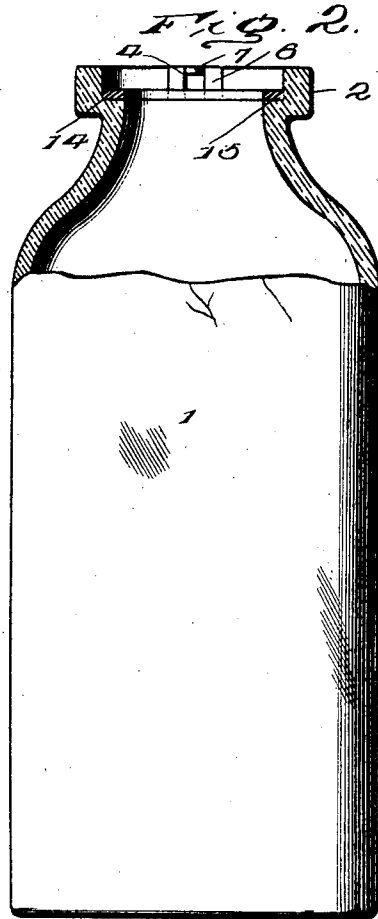
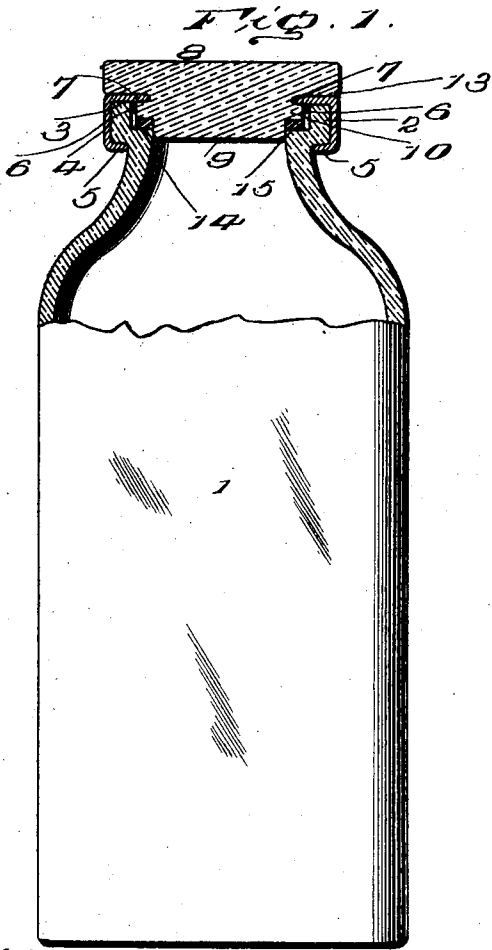


FIG. 3.

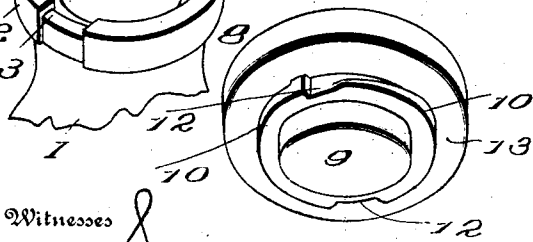
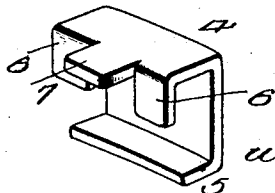


FIG. 4.



Witnesses

Francis S. Maguire
Francis S. Maguire

Inventor
W. E. BROWN.

By

[Signature]
Attorney

UNITED STATES PATENT OFFICE.

WILLIAM E. BROWN, OF LOS ANGELES, CALIFORNIA.

JAR-CLOSURE.

SPECIFICATION forming part of Letters Patent No. 771,121, dated September 27, 1904.

Application filed November 24, 1903. Serial No. 182,505. (No model.)

To all whom it may concern:

Be it known that I, WILLIAM E. BROWN, of Los Angeles, in the county of Los Angeles and State of California, have invented certain new and useful Improvements in Jar-Closures; and I do hereby declare the following to be a full, clear, and exact description of the invention, such as will enable others skilled in the art to which it appertains to make and use the same.

The object of this invention is to provide improved means for securing a jar-closure in place the same as if it were screw-threaded and yet avoid the objection of screwing two glass objects together; and further objects are to avoid having any of the parts of the jar or closure extend beyond the outer surfaces thereof and to generally simplify, cheapen, and improve the means for securing the closure in place.

The invention will be hereinafter fully set forth, and particularly pointed out in the claims.

In the accompanying drawings, Figure 1 is a vertical transverse sectional view. Fig. 2 is a similar view at right angles to that of Fig. 1 with the closure removed. Fig. 3 is a view of the closure. Fig. 4 shows one of the locking lug-plates. Fig. 5 is a perspective view of the jar-neck with the locking-plates removed.

Referring to the drawings, 1 designates a jar having an annular rim-bead 2 surrounding its neck, in which bead are formed two diametrically opposite slots or reduced portions 3. Within these slots are positioned locking-plates 4, each of which is preferably struck up from a single piece of metal bent to form at its lower outer edge an inwardly-extended flange 5, two downwardly-bent flanges 6 being formed at the inner end of the plate for gripping the inner surface of the jar-neck. From each of these plates extends horizontally a lug 7, by which the closure is designed to be locked to the jar. That portion of each lug-carrying plate extended horizontally over the rim is flush with the upper surface of the

latter, while the downwardly-extended portion is flush with the outer surface thereof.

The closure 8 has a central reduced portion 9 and opposite inclined ledges 10, extending from cut-outs 12 and terminating at their upper ends adjacent to the under surface of the top portion 13. This latter is of corresponding diameter to the top of the jar, against which it is designed to fit perfectly flush. A gasket-ring 14 rests upon an inner circumferential seat 15, against which it is held by the closure.

In practice after the lug-carrying plates have been securely attached to the jar the closure is inserted with the cut-outs 12 coincident with lugs 7. Thereupon by turning the closure it will be drawn inwardly tight against the gasket-ring, the action of the lugs on the inclined ledges serving to draw the closure inwardly as it is turned, the same as if it were engaging a screw-thread. To remove the closure, it is only necessary to grip the periphery thereof and turn it bodily, and as soon as the lugs and the cut-outs are coincident the closure may be readily removed from the jar.

I claim as my invention—

1. In combination, a jar having a peripheral rim-bead, lug-carrying plates embracing said bead, each of said plates having lugs extending horizontally inwardly, and a closure having a depending portion formed with inclined ledges designed to engage with said lugs, as set forth.

2. In combination, a jar having a peripheral rim-bead, lug-carrying plates for engaging such bead, each plate having a downwardly-extended portion bent inwardly at its lower end for engaging the under side of the bead, and also formed at its inner end with downwardly-bent flanges and a horizontally-extended lug, and a closure having a depending portion formed with inclined ledges designed to engage the lugs of said plates, as set forth.

3. In combination, a jar having a peripheral rim-bead formed with opposite cut-outs, plates fitted within such cut-outs, each plate

hugging such rim and having inwardly-extended lugs, such jar having an inner circumferential seat, a gasket-ring resting on such seat, and a closure having a depending portion formed with inclined ledges and cut-outs at the lower ends thereof, as set forth.

In testimony whereof I have signed this

specification in the presence of two subscribing witnesses.

WILLIAM E. BROWN.

Witnesses:

G. R. NICKERSON,
MARY E. YOUNG BROWN.