

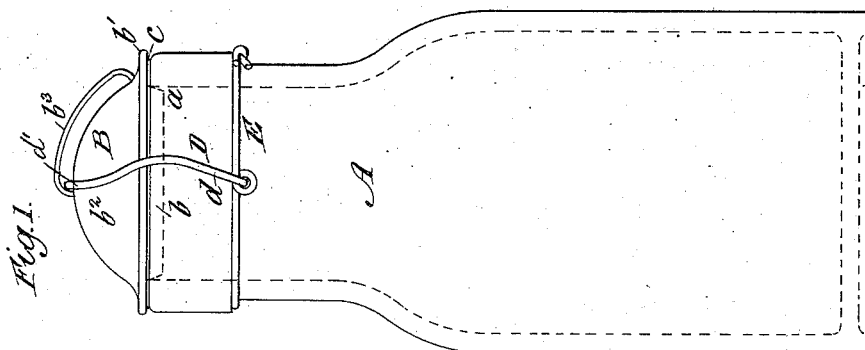
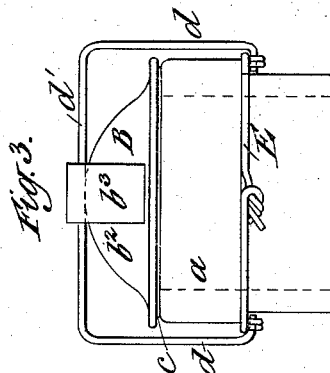
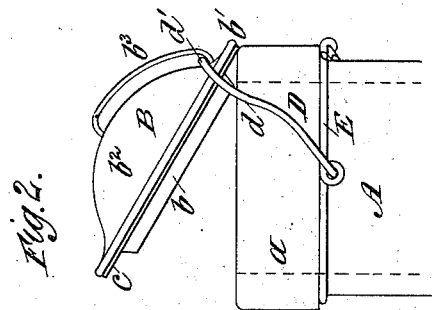
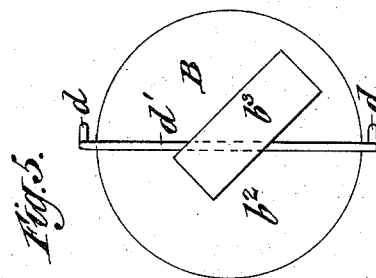
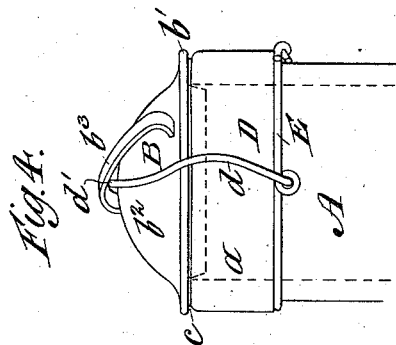
(No Model.)

A. V. WHITEMAN.

JAR.

No. 305,554.

Patented Sept. 23, 1884.



Witnesses  
*J. H. Kane*  
*Edward C. Roche*

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# UNITED STATES PATENT OFFICE

ABRAM V. WHITEMAN, OF NEW YORK, N. Y.

## JAR.

SPECIFICATION forming part of Letters Patent No. 305,554, dated September 23, 1884.

Application filed June 18, 1884. (No model.)

*To all whom it may concern:*

Be it known that I, ABRAM V. WHITEMAN, of New York, in the county of New York and State of New York, have invented a certain new and useful Improvement in Jars for Containing Milk and other Liquids and Substances, of which the following is a specification.

The object of my improvement is to provide a jar with a cover connected thereto by simple means, whereby it may be easily and expeditiously slipped on and off.

The improvement consists in the combination, with a jar, of a cover having a projecting portion on the under side adapted to enter the mouth of the jar, a flange adapted to fit over the other end at the mouth, and a convex top surface provided with a strap, of a bail pivoted to bearings arranged on the jar, comprising arms made longitudinally of ogee shape, and a portion intermediate of the arms extending across the cover and between it and its strap.

The improvement further consists in the combination, with a jar, of a cover therefor having a convex top surface, and provided with a strap and a bail pivoted in bearings on the jar and extending over the cover and beneath the strap, the whole being so arranged and combined that the position of the cover may be varied to lock it on the jar.

In the accompanying drawings, Figure 1 is a side view of a jar embodying my improvement, the cover being closed. Fig. 2 is a similar view of the upper part of the jar, the cover being partly opened. Fig. 3 is a view of the upper portion taken at right angles to the other figures and with the parts in the same position as in Fig. 1. Fig. 4 is a view showing the cover turned so as to cause the parts to assume a different relative position, and Fig. 5 is a plan of the same.

Similar letters of reference designate corresponding parts in all the figures.

A designates a jar, made of glass or other suitable material, and having a mouth, *a*, at the upper end.

B designates a cover, preferably made of sheet metal. This cover has a central projecting portion, *b*, on the under side adapted to enter the mouth of the jar, a flange, *b'*, adapted to lap over the upper edge of the jar, and a convex

top surface, *b<sup>2</sup>*. Around the projecting portion *b*, and under the flange *b'*, a washer, *c*, of india-rubber or other suitable material, is preferably arranged. On the convex top *b<sup>2</sup>* of the cover B a strap, *b<sup>3</sup>*, of metal or other suitable material, is affixed.

D designates a bail, made of metal wire, of such size as to be resilient. Its ends are turned inward and pivoted in bearings formed by twisting into loops a wire, E, which is extended around the jar just below the mouth and fastened at the ends. The bail comprises two arms, *d*, of ogee shape, extending on opposite sides of the jar and its cover, and an intermediate portion, *d'*, extending across the convex top surface, *b<sup>2</sup>*, of the cover between the latter and the strap *b<sup>3</sup>*. The arms *d* are so resilient that the intermediate portion may be slid up onto the central portion of the convex top surface, *b<sup>2</sup>*, of the cover B after the latter has been adjusted into place. Owing to the resilience of the arms the bail will then hold the cover firmly in place. By turning the cover around when the bail is in position over the convex top surface, *b<sup>2</sup>*, of the cover, as shown more clearly in Figs. 4 and 5, the strap will be brought into contact with the bail in such manner as to prevent the bail from being moved downward off from the cover. This arrangement is very important, as by it an accidental blow on the bail cannot operate to throw the bail off from the cover, and so release the cover from its influence. The cover will therefore remain under all circumstances when in use securely held in place on the mouth of the bottle. When the cover is to be removed, the bail will be slid over the convex top surface of the cover to the lower portion, and then the cover can be swung over on the bail as a center. This bail is simple, cheap, and effective. It is not as liable to accidental derangement as one having arms comprising coils, because of the tendency of the latter to catch onto adjacent articles, notably where a number of jars are packed together. Moreover, it is not so apt to become deteriorated in cleaning, because the coils are liable to catch portions of rags used in cleaning them and then to become impaired in their action.

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

1. The combination, with a jar, of a cover

having a projecting portion on the under side adapted to enter the mouth of the jar, a flange adapted to fit over the upper end at the mouth, and a convex top surface provided with a strap, 5 of a bail pivoted to bearings arranged on the jar, comprising arms made longitudinally of ogee shape, and a portion intermediate of the arms extending across the cover and between it and its strap, said cover being adapted to be 10 turned partially around on the mouth of the jar when the bail is in position over the top surface of the cover, substantially as specified.

2. The combination, with a jar, of a cover therefor having a convex top surface and pro-

vided with a strap, and a bail pivoted in bearings on the jar and extending over the cover 15 and beneath the strap, the whole being so arranged and combined that when the bail is in position over convex surface of the cover the cover may be turned partially around to cause 20 the strap to come in contact with the bail and secure the bail in its position over the cover, substantially as specified.

ABRAM V. WHITEMAN.

Witnesses:

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