

J. H. COWL.
Fruit-Jar.

No. 167,437.

Patented Sept. 7, 1875.

Fig. 1.

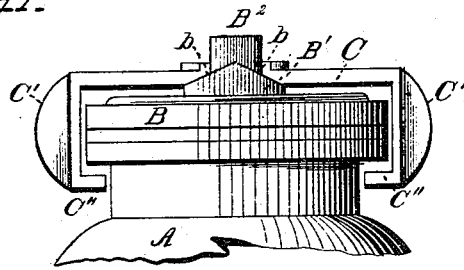


Fig. 2.

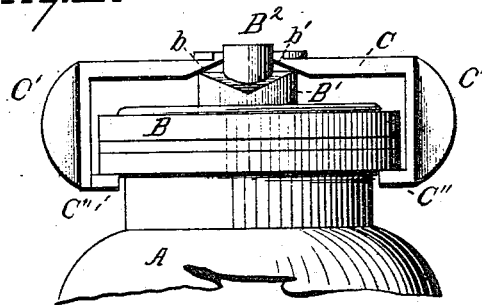
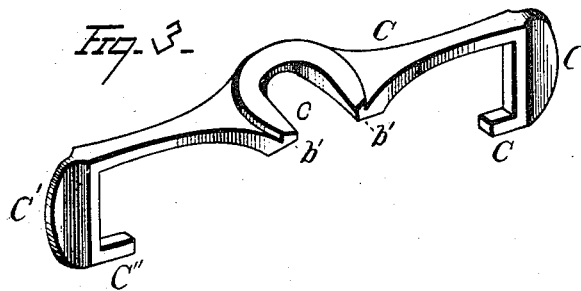


Fig. 3.



WITNESSES
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JOSEPH H. COWL, OF NEWARK, OHIO.

IMPROVEMENT IN FRUIT-JARS.

Specification forming part of Letters Patent No. 167,437, dated September 7, 1875; application filed April 8, 1875.

To all whom it may concern:

Be it known that I, JOSEPH H. COWL, of Newark, in the county of Licking and State of Ohio, have invented certain new and useful Improvements in Fruit-Jars; 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 pertains to make and use it, reference being had to the accompanying drawings, which form part of this specification.

My invention relates to certain improvements in fruit-jars.

In the drawings, Figure 1 is a view in elevation of a jar and lid with sealing-clamp, the lid being in its unlocked position; Fig. 2, the same, the lid being locked. Fig. 3 is a separate view of the clamping or lid-securing bar.

My invention has for its object the construction of a simple and effective self-sealing jar; and consists in constructing the lid with a center pin or projection and small bevel or inclined surfaces on each side thereof, and a removable clamp, the clamp constructed with a central slot to receive the center-pin of the lid, and an inclined or bevel under portion, to fit down over the inclination on the center-pin of the lid, as and for the purposes more fully hereinafter set forth and shown.

A is the jar; B, the lid, and C the clamp. At the central portion of the lid B is formed thereon a projecting portion, B¹. A portion, B², of the center of this portion B¹ extends up a short distance beyond the part B¹. The top edge or rim of the post B¹ is cut or formed into two inclined surfaces, *b*, on opposite sides. The clamp C is constructed of a cross-bar, C, which extends across the top of the jar, and two downwardly-projecting ends, C', which engage, by the part C'', under the projecting rim or mouth of the jar. The central portion of the bar C is enlarged and slotted at *c*, to

receive the center-pin B² of the lid B, and the under surface of this enlarged part on each side of the slot *c* is beveled or cut away at *b'* in a corresponding manner or inclination, to the inclines *b* on the lid.

The lid is secured or clamped to the jar in the following manner: The lid is placed in position on the jar, and the clamp C placed in position, as shown in Fig. 1, the slot *c* allowing the clamp to reach the center of the lid, the bevel *b'* of the clamp fitting down on the bevels *b* of the lid. The clamp is then turned either to the right or left, the inclined portion of the clamp rising upon the incline of the lid, thus forcing the lid down tight in place and sealing the jar, as shown in Fig. 2.

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

1. The clamp C, constructed with the enlarged central slotted portion *c*, and inclined or bevel under portion *b'*, substantially as and for the purposes described.

2. In combination with the clamp C C', constructed as described, the lid B, constructed with the central projecting portion B¹ B², and bevel-edged portion *b*, substantially as and for the purposes described.

3. The combination of jar A, lid B, constructed with the projecting bevel-edged portion B² *b* and center-pin B¹, and clamp C C', constructed with the enlarged slotted central portion *c*, and inclined or bevel faces *b'*, as and for the purposes described.

In testimony that I claim the foregoing I have hereunto set my hand this 5th day of April, 1875.

JOSEPH H. COWL.

Witnesses:

J. H. D. NISE,
F. M. SMITH.