

D. E. STEVENS & R. F. LUMLEY.

Fruit-Jar.

No. 164,663.

Patented June 22, 1875.

Fig. 1.

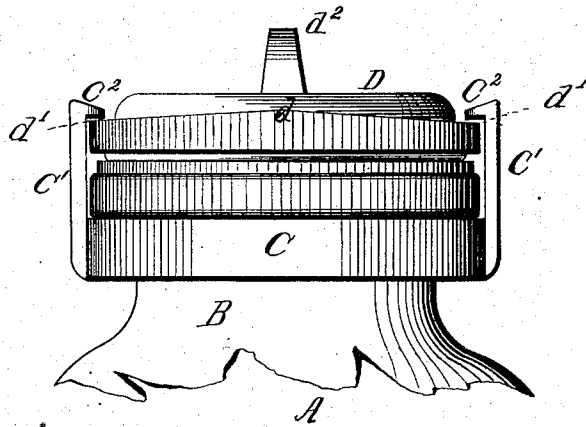
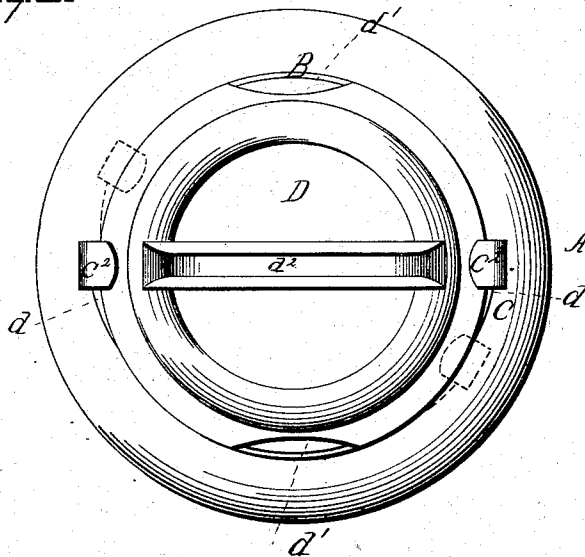


Fig. 2.



WITNESSES

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UNITED STATES PATENT OFFICE.

DAVID E. STEVENS AND RICHARD F. LUMLEY, OF NEWARK, OHIO.

IMPROVEMENT IN FRUIT-JARS.

Specification forming part of Letters Patent No. **164,663**, dated June 22, 1875; application filed March 19, 1875.

To all whom it may concern:

Be it known that we, DAVID E. STEVENS and RICHARD F. LUMLEY, of Newark, in the county of Licking and State of Ohio, have invented certain new and useful Improvements in Fruit-Jars; and we 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.

Our invention relates to certain new and useful improvements in fruit-jars.

In the drawings, Figure 1 is a side elevation of a jar with lid-clamping device secured thereon, the lid being in position ready for being clamped or secured in position; Fig. 2, a plan view, the lid being locked or secured in place on the jar.

Our invention consists in providing the neck of a fruit-jar with a clamp for fastening the lid, which is securely attached to, and a fixture of, the jar, but may be revolved therearound; and in constructing the lid with inclined projecting portions or edges on opposite top sides, and indentations or cut-away portions on opposite sides, in a line at right angles to the bevel portions, as and for the purposes hereinafter more fully set forth and shown.

A is the jar, around the neck B of which is permanently secured the lid clamping or locking device. This consists of a band or segment of band, C, securely attached to the neck B by being shrunk on, or by any other appropriate means. At points on opposite sides of the band C are secured, or formed a part thereof, upright projecting pieces C¹, a small portion, C², of the top ends of which are bent over. These pieces C¹ are of a length or height sufficient to allow the lugs C² to just reach over the thin edge of the lid. D is the lid, the two opposite edges *d* of which are thicker than at the cut-away portions *d'*, the incline commencing at the slots *d'*, and gradually increasing until it reaches the points *d*.

The lid is secured or sealed to the jar as fol-

lows: The lid is placed over the mouth in the position shown in Fig. 2, the slots *d'* allowing the lid to be inserted past the projecting lugs C². The lid is then turned by the handle *d*² to the right as far as it is possible with the hand. This will be in about the position as shown in the dotted lines of the lugs C² in Fig. 2. Now, to securely lock or further seal the jar, the band C, by means of the pieces C¹, is turned around to the left, by both hands, until the lugs C² reach the highest part of the bevel *d*. The lid is then secure in place, and can only be removed by turning around the band C until the lugs again come opposite the slots *d'*, when the lid may be withdrawn.

The object and advantage of thus constructing the lid and clamping device are, first, the clamp is always attached to and a part of the jar, and ready to receive the lid, and, by making the clamp turn independent of the lid, a greater power can be brought to bear upon the lid, and consequently a tighter joint is effected. The lid, first being pressed down or clamped as tight as possible with the hand, the clamp is then turned by both hands, which further clamps and secures the lid.

We are aware that removable clamps, fitting over the lid and operating under the projecting portion of the jar, is old; also, that lids provided with incline planes are old. This, therefore, we do not broadly claim; but

What we do claim as new, and desire to secure by Letters Patent, is—

The combination of lid D, provided with inclined portion *d*, slots *d'*, and handle *d*², and clamp C C¹ C², securely attached to the neck B of the jar A, and a permanent fixture thereof, as and for the purposes described.

In testimony that we claim the foregoing we have hereunto set our hands this 13th day of March, 1875.

DAVID E. STEVENS.
RICHARD F. LUMLEY.

Witnesses:

JAMES W. OWENS,
DAVID G. RICHARDS.