(Model.)

C. W. FAATZ & V. A. CALKINS.

DEVICE FOR SEALING JARS.

No. 372,212. Patented Oct. 25, 1887.

Fig. 1.

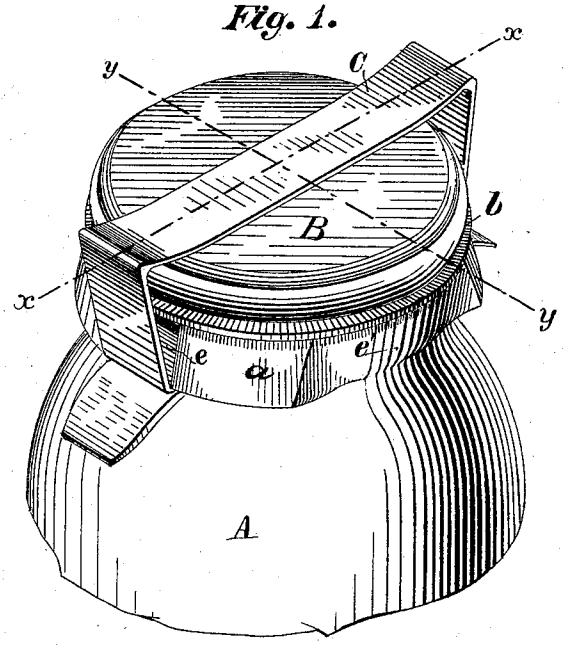


Fig. 2.

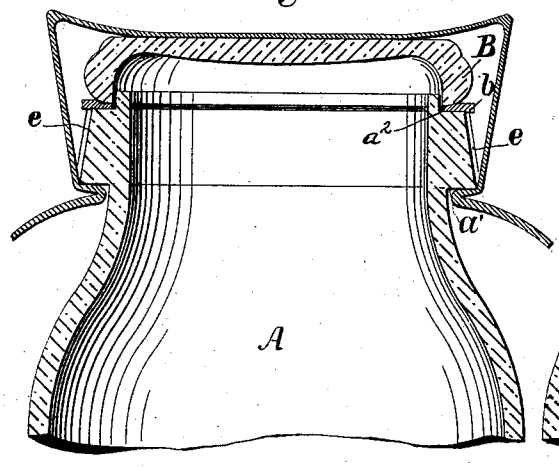


Fig. 3.

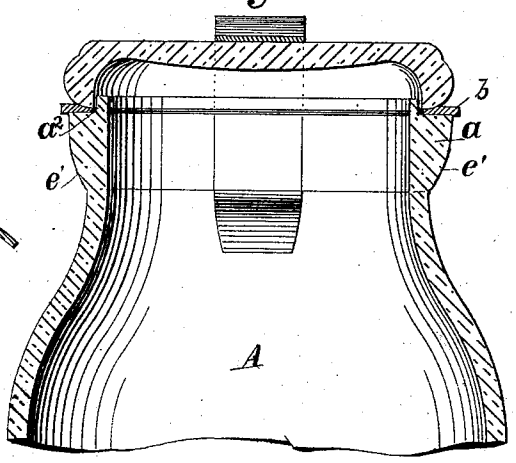
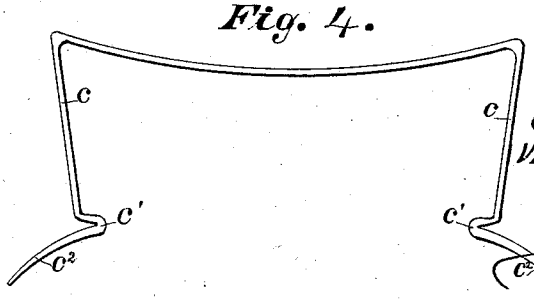


Fig. 4.



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UNITED STATES PATENT OFFICE.

CHARLES W. FAATZ AND VERANDA A. CALKINS, OF SCRANTON, PENNSYLVANIA.

DEVICE FOR SEALING JARS.

SPECIFICATION forming part of Letters Patent No. 372,212, dated October 25, 1887.

Application filed August 5, 1887. Serial No. 246,193. (Model.)

To all whom it may concern:

Be it known that we, CHARLES W. FAATZ and VERANDA A. CALKINS, of Scranton, in the county of Lackawanna and State of Pennsylvania, have invented certain new and useful Improvements in Devices for Sealing Fruit-Jars; and we do hereby declare that the following is a full, clear, and exact description of the invention, which will enable others skilled in the art to which it appertains to make and use the same, reference being had to the accompanying drawings, and to the letters of reference marked thereon, which form part of this specification.

The object and nature of our invention will be fully set forth in the following specification and claims.

In the accompanying drawings, Figure 1 is a perspective view of part of a fruit-jar embodying our improvements. Figs. 2 and 3 are sections on the lines *x x* and *y y*, respectively, of Fig. 1; and Fig. 4 is a detached detail.

Similar letters of reference indicate similar parts in the respective figures.

A is a jar, B the lid or cover, and *b* an elastic washer. The upper part of the neck of the jar is provided with an enlargement, *a*, which, with the neck of the jar, forms two shoulders, a' a^2, the shoulder a^2 serving to support the elastic washer *b* and the cover B.

C is a clamp, preferably of spring metal, the sides *c c* being bent inward and then outward, so as to form inward projections, c', and outward projections, c^2 c^2, which serve as short handles or levers. The top of the spring is made slightly concave, as shown. The enlargement *a* is provided with two slight recesses, *e e*, directly opposite each other, for a purpose to be hereinafter explained. These recesses are of a sufficient width to receive the clamp. At two other points, directly opposite each other, the enlargement is beveled from the outer edge of the shoulder a^2 to the inner edge of the shoulder a', as is clearly shown at e', Fig. 3. These beveled parts are for a purpose to be hereinafter explained.

The operation is as follows: The elastic washer and cover being in position, the clamp is sprung into place, so that the projections c' engage with the shoulder a', and the lower part of the sides of the clamp will be in the recesses *e*, which serve as a lock to keep the clamp in position, as is shown in Fig. 2. The concave top of the spring bearing on the cover will press it down and make a perfectly-tight joint. When it is desired to unseal the jar, a slight upward pressure on the projections or levers c^2 will spread the spring-clamp sufficiently to release it from the recesses, when it can be turned round till the projections c' reach the beveled parts e', when it can be readily removed and the cover taken off.

Having thus fully described our invention, what we claim, and desire to secure by Letters Patent, is—

The combination, with a jar having an enlargement on the upper part of its neck, said enlargement being provided with slight recesses at points directly opposite each other, and being beveled, as described, at other points directly opposite each other, of an elastic washer, jar-cover, and spring-clamp, substantially as and for the purpose specified.

In testimony that we claim the foregoing as our own we affix our signatures in presence of two witnesses.

CHARLES W. FAATZ.
VERANDA A. CALKINS.

Witnesses:
T. M. O'BRIEN,
WM. A. COX.