

A. W. BRINKERHOFF.

FRUIT-JAR.

No. 174,769.

Patented March 14, 1876.

Fig. 1

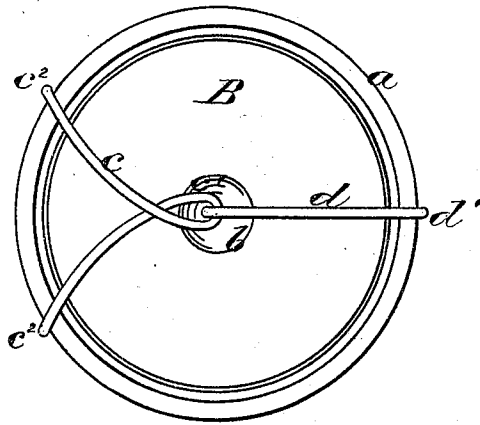
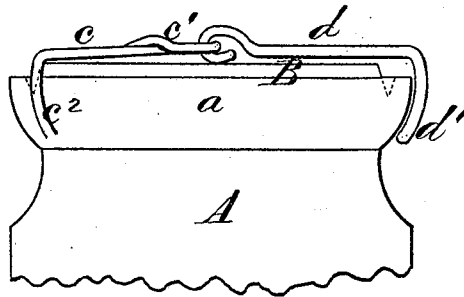


Fig. 2



WITNESSES

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Fig. 3

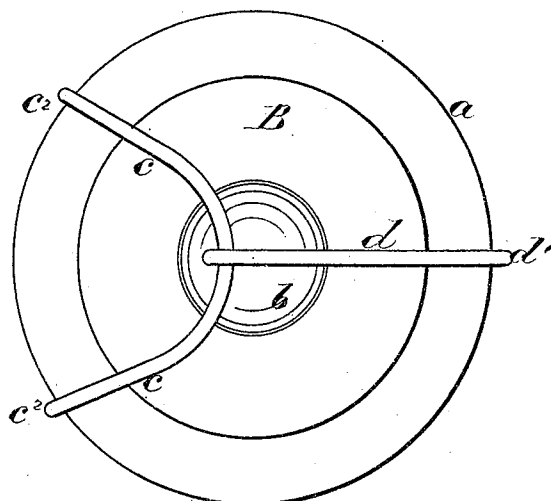
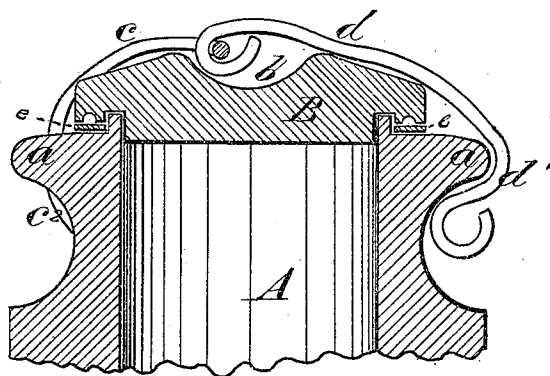


Fig. 4



WITNESSES

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UNITED STATES PATENT OFFICE.

ALEXANDER W. BRINKERHOFF, OF UPPER SANDUSKY, OHIO.

IMPROVEMENT IN FRUIT-JARS.

Specification forming part of Letters Patent No. **174,769**, dated March 14, 1876; application filed March 7, 1876.

To all whom it may concern:

Be it known that I, ALEXANDER W. BRINKERHOFF, of Upper Sandusky, in the county of Wyandot and State of Ohio, have invented a new and valuable Improvement in Fruit-Jars; and I do hereby declare that the following is a full, clear, and exact description of the construction and operation of the same, reference being had to the annexed drawings, making a part of this specification, and to the letters and figures of reference marked thereon.

Figure 1 of the drawings is a representation of a plan view of my fruit-jar-cover clamp, and Fig. 2 is a side view of the same. Fig. 3 is a plan view of a modification thereof, and Fig. 4 a vertical sectional view.

This invention has relation to means for securing and hermetically sealing covers on preserve jars and cans; and the nature of my invention consists in the employment of adjustable metal binding-clasps, in combination with flanged or shouldered rims on the preserving-vessels, and with lids or covers, as will be hereinafter explained.

In the annexed drawing, Figs. 1 and 2, A designates part of a preserving-vessel, which may be made of any suitable material, and which has a mouth surrounded by a shoulder, *a*, inside of which is an annular groove and an annular lip. B designates a cover or lid, which is surrounded by a flange or rim, and constructed with a central depression, *b*. This cover is preferably made of sheet metal, and when it is in place on the preserving-vessel its flange or rim will be embedded in a suitable cement in the groove surrounding the mouth of said vessel.

The clasp which holds the cover B down in its place is preferably made of spring-wire of a suitable gage, and is composed of two pieces,

c d. The piece *c* is bent, as shown in Fig. 1, so as to form an eye, *c*¹, and two hooks, *c*², which latter extend over and under the shoulder *a*. The eye *c*¹ does not extend quite to the center of the cover B, and to this eye is linked the second piece of the clasp, which is lettered *d*, and which has a hook, *d*¹, on one end, that is drawn under the shoulder *a*, as shown in Fig. 1.

When the hooks of the bifurcated portion *c* of the clasp are adjusted in their places under the shoulder *a* the hooked portion *d* is forcibly drawn into its place by a lateral movement, and is tightly held by the springing of the wires caused by the eccentricity of the loop *c*¹. At the same time that the hooked piece *d* is drawn home the hooks *c*² *c*² will be caused to hug the shoulder *a* tightly and force the cover upon the jar.

Figs. 3 and 4 show a modification of the clasp of Figs. 1 and 2 applied to a glass cover, which is seated upon a gasket, *e*, on the top of the jar. The only difference between the clasp of Figs. 3 and 4 and the clasp of Figs. 1 and 2 is that in the former the eye *c*¹ is omitted and a finger-piece is formed on the hook of the piece *d*.

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

A clasp for a preserving-vessel, formed of two pieces, *c d*, bent, connected together, and hooked, substantially as described.

In testimony that I claim the above I have hereunto subscribed my name in the presence of two witnesses.

ALEXANDER W. BRINKERHOFF.

Witnesses:

J. M. KIRBY,

M. H. BRINKERHOFF.