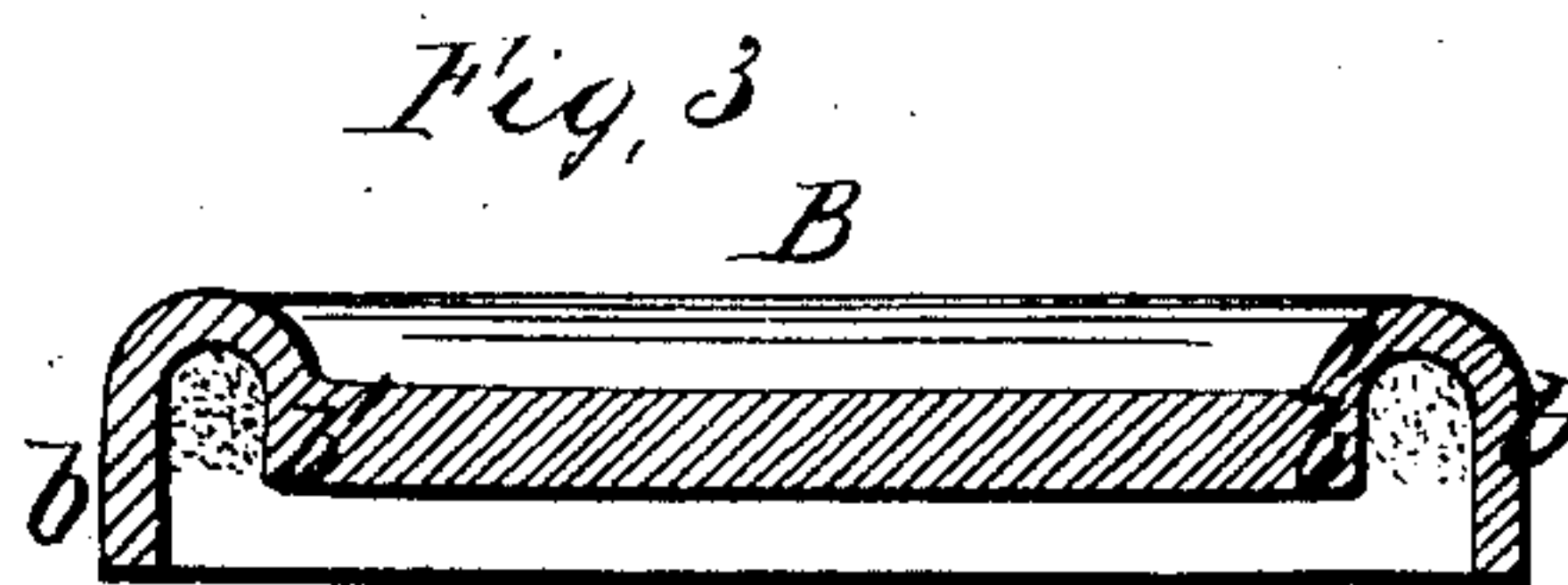
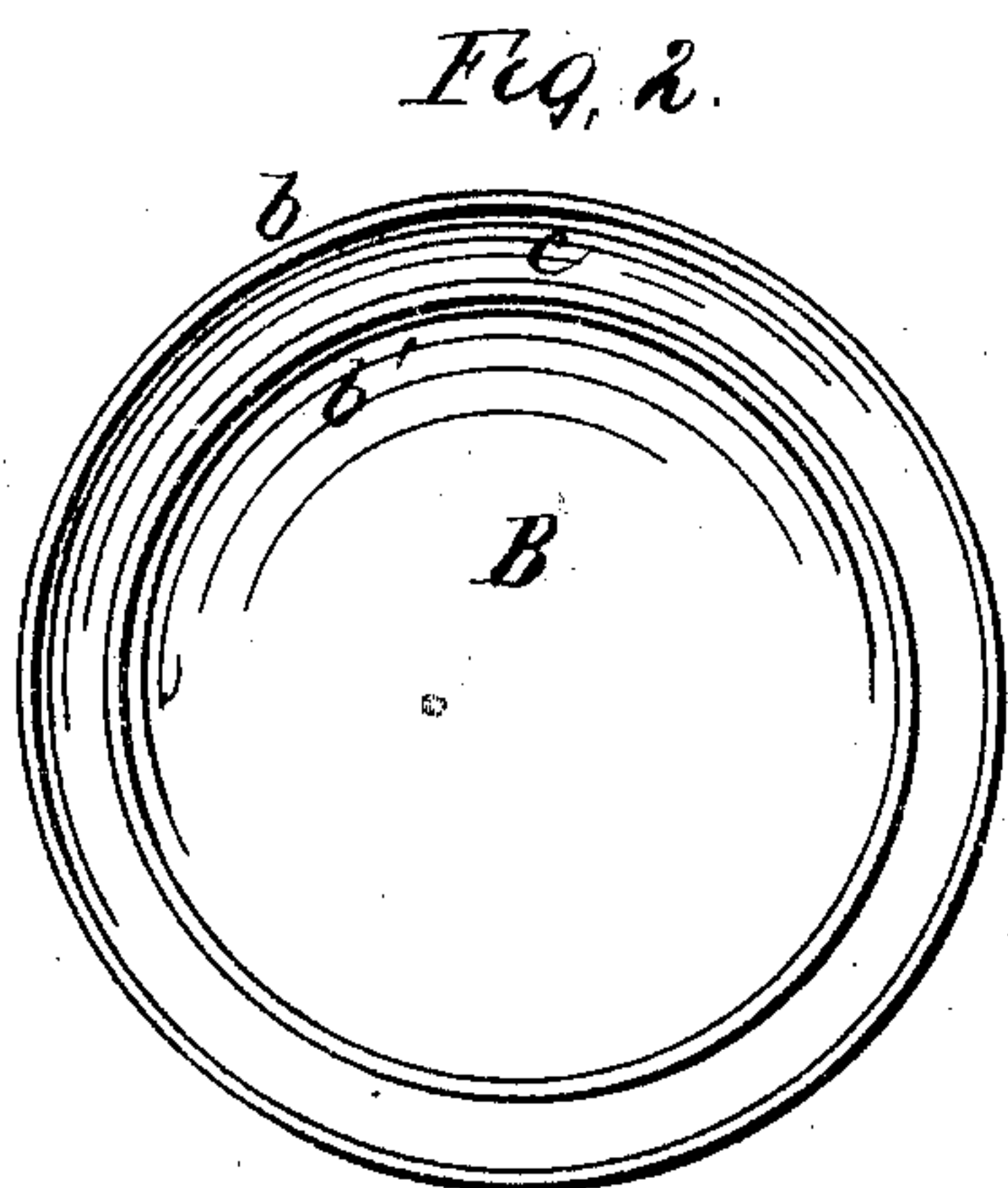
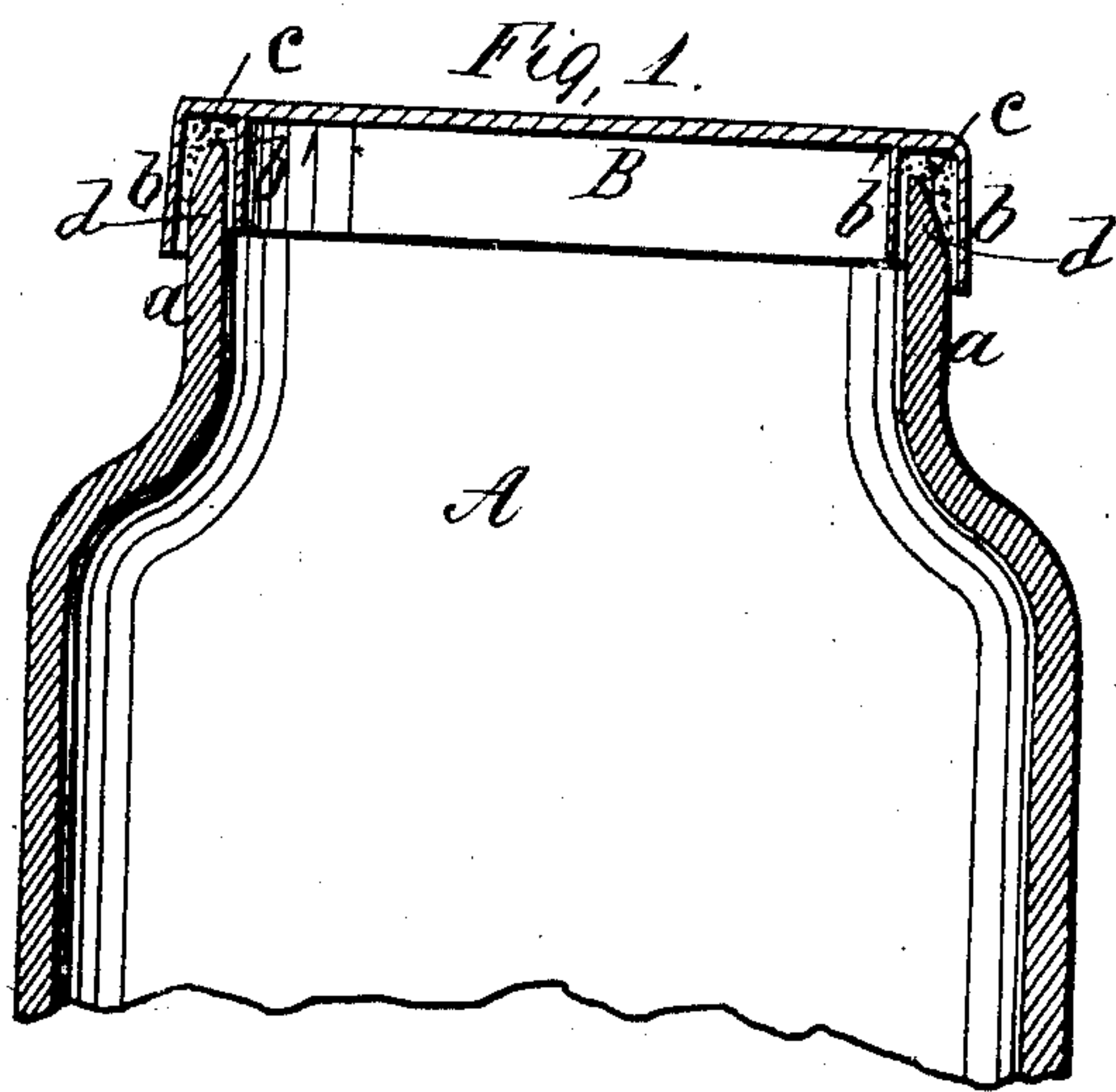


H. B. Norton,

Fruit Jar.

N^o 78,474.

Patented June 2, 1868.



*Witnesses,
O. A. Davis,
Frederick Hatch,*

*H. B. Norton, Inventor,
By J. L. Loxley & Co.,
Attys*

United States Patent Office.

H. B. NORTON, OF ROCHESTER, NEW YORK.

Letters Patent No. 78,474, dated June 2, 1868.

IMPROVED FRUIT-JAR.

The Schedule referred to in these Letters Patent and making part of the same.

TO ALL WHOM IT MAY CONCERN:

Be it known that I, H. B. NORTON, of Rochester, in the county of Monroe, and State of New York, have invented a certain new and useful Improvement in Fruit-Jars; and I do hereby declare that the following is a full and exact description thereof, reference being had to the accompanying drawings, making part of this specification:

Figure 1 is a central vertical section of my improved jar.

Figure 2 a plan of the bottom of the cover.

Figure 3, view of a modified form of the cover.

Like letters of reference indicate corresponding parts in all the figures.

My invention consists in the combination, with a cover having concentric flanges projecting downwardly, to form a groove for the reception of wax, of an externally-bevelled jar-mouth, said flanges serving also as a guide in applying the cover, and as a means of preventing the intrusion of the wax into the jar.

As represented in the drawings, A is a glass jar, having a straight or bevelling neck or rim, *a*, and B is the cover, made of tin, papier-mache, or equivalent material, that fits thereon. The cover is provided with two flanges or rims, *b b'*, at such a distance apart as to admit the neck of the jar into the groove between, the inner flange, *b'*, fitting close to the said neck, the exterior of which is bevelled, as shown at *d*, to cause the greater portion of the wax to be compressed against the external flange *b*, preventing any portion being forced between the inner surface and flange *b*, and thereby entering into the jar with the fruit or other contents. The groove between the flanges is provided with wax or other adhesive material, *c*.

When the cover is placed on top of the jar, a hot iron is applied on top, which melts the wax in the groove, and causes it to seal tightly over the narrow neck of glass, and effectually exclude air. The inner flange, *b'*, fitting closely the inside of the neck, effectually prevents the wax from running into the jar, and also prevents the fruit from coming in contact with the wax.

The deep groove is necessary to retain the wax and concentrate it around the narrow thickness of the glass, to seal properly, and the inner flange is necessary to protect the fruit, as before described. This narrow and deep groove also centres and guides the cover on the jar, and keeps it in place.

To unseal the jar, a hot iron is simply applied on top, or the top of the jar is dipped in hot water, when the cover is readily removed; and by turning bottom upward while in the heated state, the wax is again concentrated in the groove, and the device is in condition for use a second time.

I am aware that a ready-gummed and self-sealing cover to a fruit-jar has before been known, and such, broadly, I do not claim.

In combination with the concentric rims *b b'*, projecting vertically from the cover B, I claim the externally-bevelled mouth *d* of the jar, for compressing the packing-substance against the outer flange, to prevent its entering and commingling with the contents of the jar, substantially as set forth.

In witness whereof, I have hereunto signed my name, in the presence of two subscribing witnesses.

H. B. NORTON.

Witnesses:

R. F. OSGOOD,

J. A. DAVIS.