

No. 606,822.

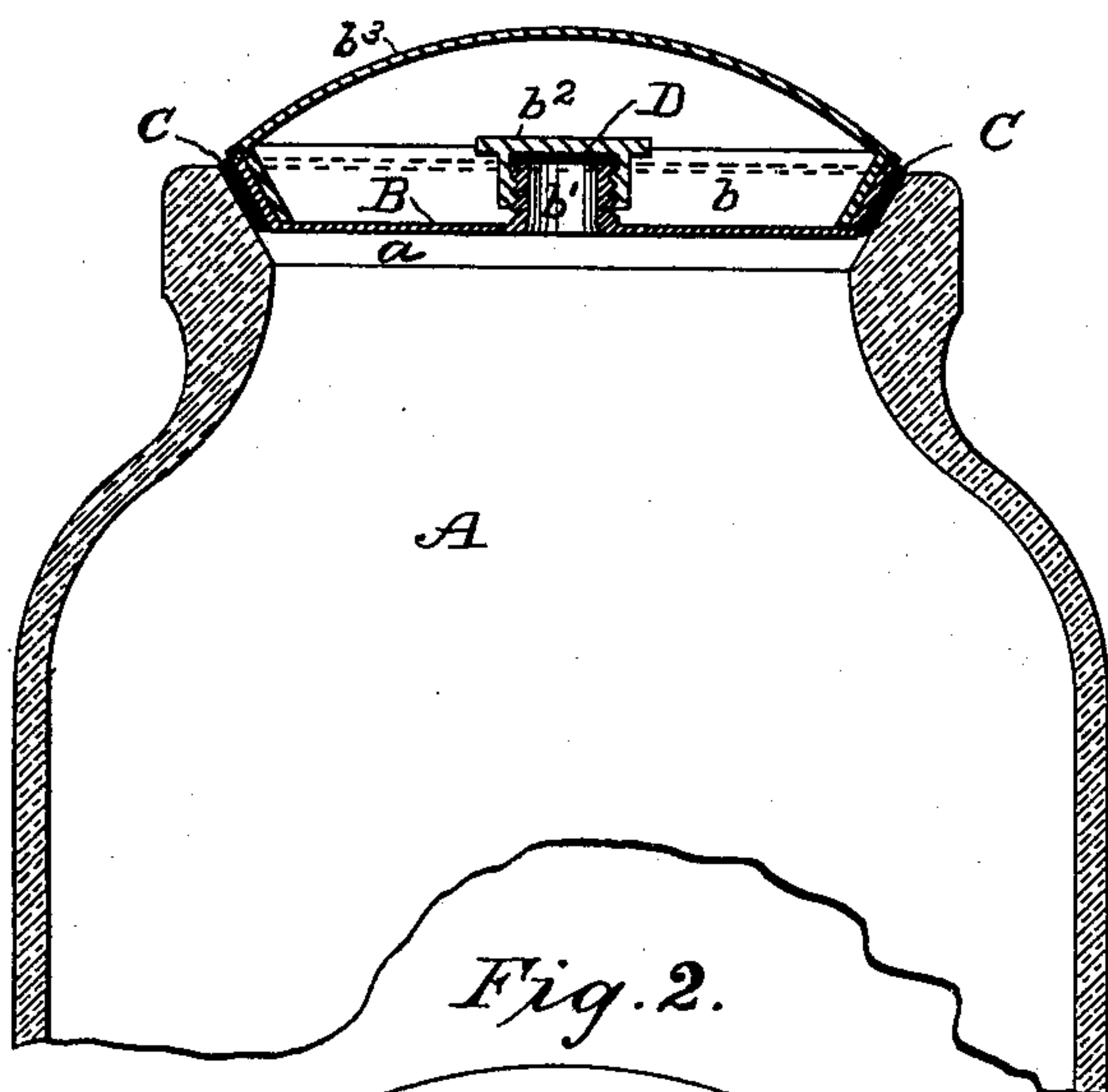
Patented July 5, 1898.

A. LEGRAND.  
PRESERVE JAR AND COVER THEREFOR.

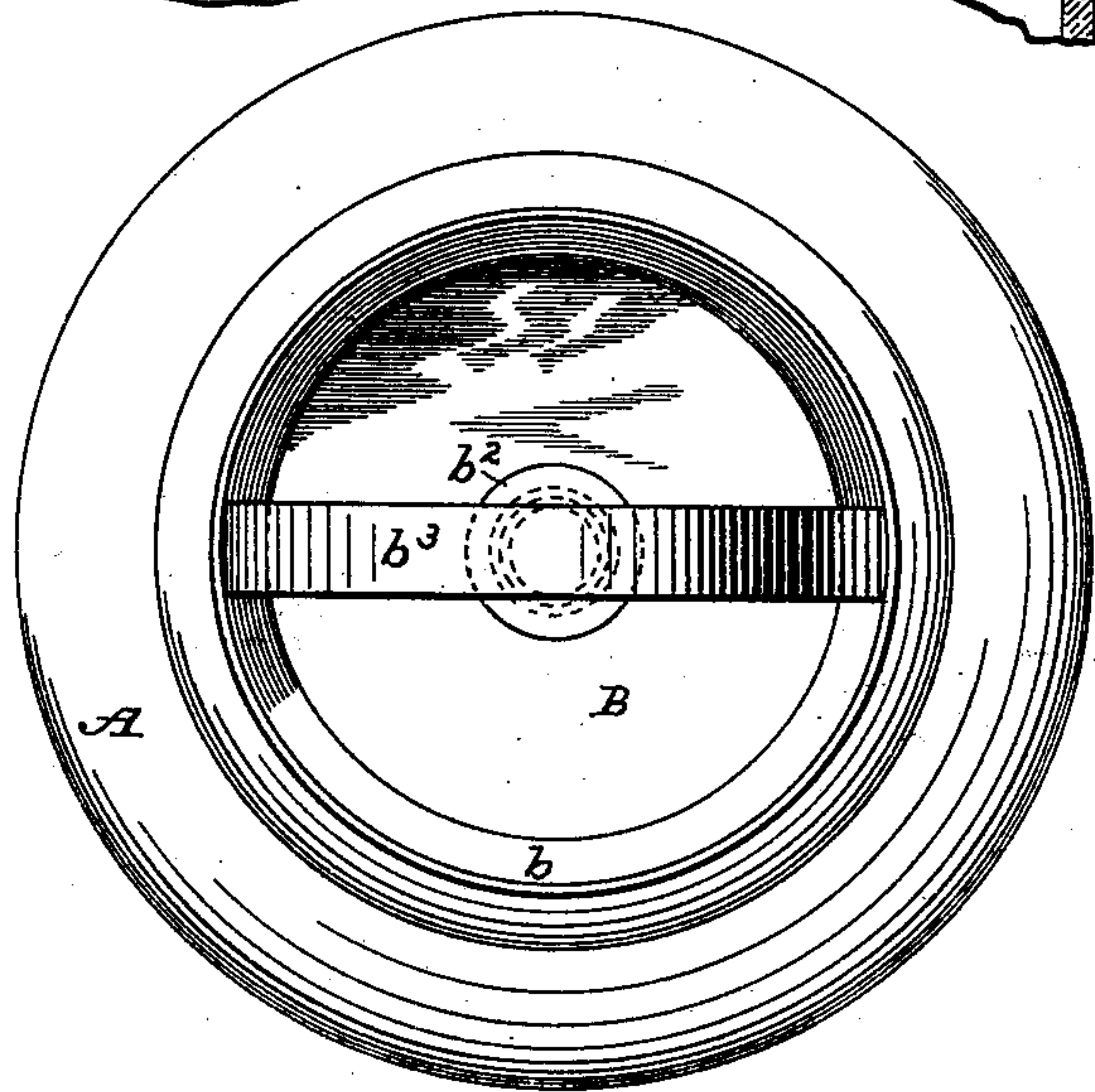
(Application filed Oct. 9, 1897.)

(No Model.)

*Fig. 1.*



*Fig. 2.*



Witnesses

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# UNITED STATES PATENT OFFICE.

ALBERT LEGRAND, OF MANCHESTER, NEW HAMPSHIRE.

## PRESERVE-JAR AND COVER THEREFOR.

SPECIFICATION forming part of Letters Patent No. 606,822, dated July 5, 1898.

Application filed October 9, 1897. Serial No. 654,675. (No model.)

*To all whom it may concern:*

Be it known that I, ALBERT LEGRAND, a citizen of France, residing at Manchester, in the county of Hillsborough and State of New Hampshire, have invented certain new and useful Improvements in Preserve-Jars and Covers for Same; 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 appertains to make and use the same.

This invention relates to self-sealing preserve-jars, the object of the invention being to provide a cap or cover which will perfectly seal the contents of the jar from admission of air and one which is adapted for repeated use.

The cover of any self-sealing jar requires to be vented before it can be removed for the purpose of emptying the jar of its contents, and the form of cover commonly used upon such jars is made of very thin material, as it has to be punctured to allow the air to escape before it can be removed, and by reason of this puncture the cover is rendered unfit for future use.

My improvements consist, essentially, in providing a cover for preserve-jars with a small threaded air vent or outlet which is fitted with a threaded cap and a rubber gasket to render it air-tight.

The form of the cover, as well as the seat for the same in the jar, is also comprised in my invention, as will be fully set forth in the following specification and claim and clearly illustrated in the drawings accompanying and forming a part of the same, of which—

Figure 1 is a vertical section showing the top of a preserve-jar having my improved cover applied, Fig. 2 being a plan view of the same.

A represents the jar, which may be of any form and similar to other like jars, except that its opening is made interiorly flaring or inclining for half an inch, more or less, as seen at *a*, for the reception of my improved cover, preferably spun, stamped, or otherwise formed from sheet or light plate metal, and which consists of a disk B, having an up-

turned flange or rim *b*, formed on an angle corresponding with the angle of its seat *a* in the top of the jar.

The disk B is provided with a threaded air-vent *b'*, which is fitted with a threaded cap *b<sup>2</sup>* and with a handle-piece, as shown at *b<sup>3</sup>*, the same being a metal bar firmly secured to the upper edge of the rim *b*, preferably at diametrically opposite points. A rubber band or gasket C is placed upon the rim *b* of said cover B, and a gasket D is placed in the top of the threaded cap *b<sup>2</sup>* to render said cover and cap perfectly air-tight.

To open a jar fitted with my improved cover, it is only necessary to unscrew said cap, when the cover may be removed from its seat in the inclined top of said jar by means of the handle-bar *b<sup>3</sup>* and be again ready for future use.

It will be observed that when the jar has been filled with preserves or the like at a high temperature the cover is placed over the mouth and the jar is cooled. This may be accomplished by allowing it to stand, or water may be poured into the receptacle-shaped cover. The cooling of the contents of the jar will in an obvious manner produce variant pressures upon the upper and lower sides of the cover, and the external pressure will force the latter securely into place. When it is desired to remove the cover, the vent-cap is unscrewed and an equalization of air-pressure above and below the cover is accomplished. I have found in practice, however, that the cover will have become so tightly wedged into the neck of the jar by reason of the yielding of the flange or rim *b* and the rubber gasket that its removal is made difficult. I have therefore provided the handle *b<sup>3</sup>*, which, being secured at its opposite ends to the upper edge of the rim or flange, will when pulled upward cause said flange to spring slightly and break the tight connection between the cover and jar, and thereby facilitate the removal of the former.

Having described my improvements, what I claim is—

The combination with a jar having a flaring mouth, of a cover composed of a disk and an annular upwardly and outwardly inclined



flange surrounded by a gasket, a vent in said  
cover, a screw-cap designed to close the same,  
and a handle secured at its opposite ends to  
the upper edge of the flange whereby said  
5 flange may be sprung slightly to facilitate the  
removal of the cover from the jar, substan-  
tially as specified.

In testimony whereof I affix my signature  
in presence of two witnesses.

ALBERT LEGRAND.

Witnesses:

J. B. THURSTON,  
J. E. LEMYRE.