

No. 879,669.

PATENTED FEB. 18, 1908.

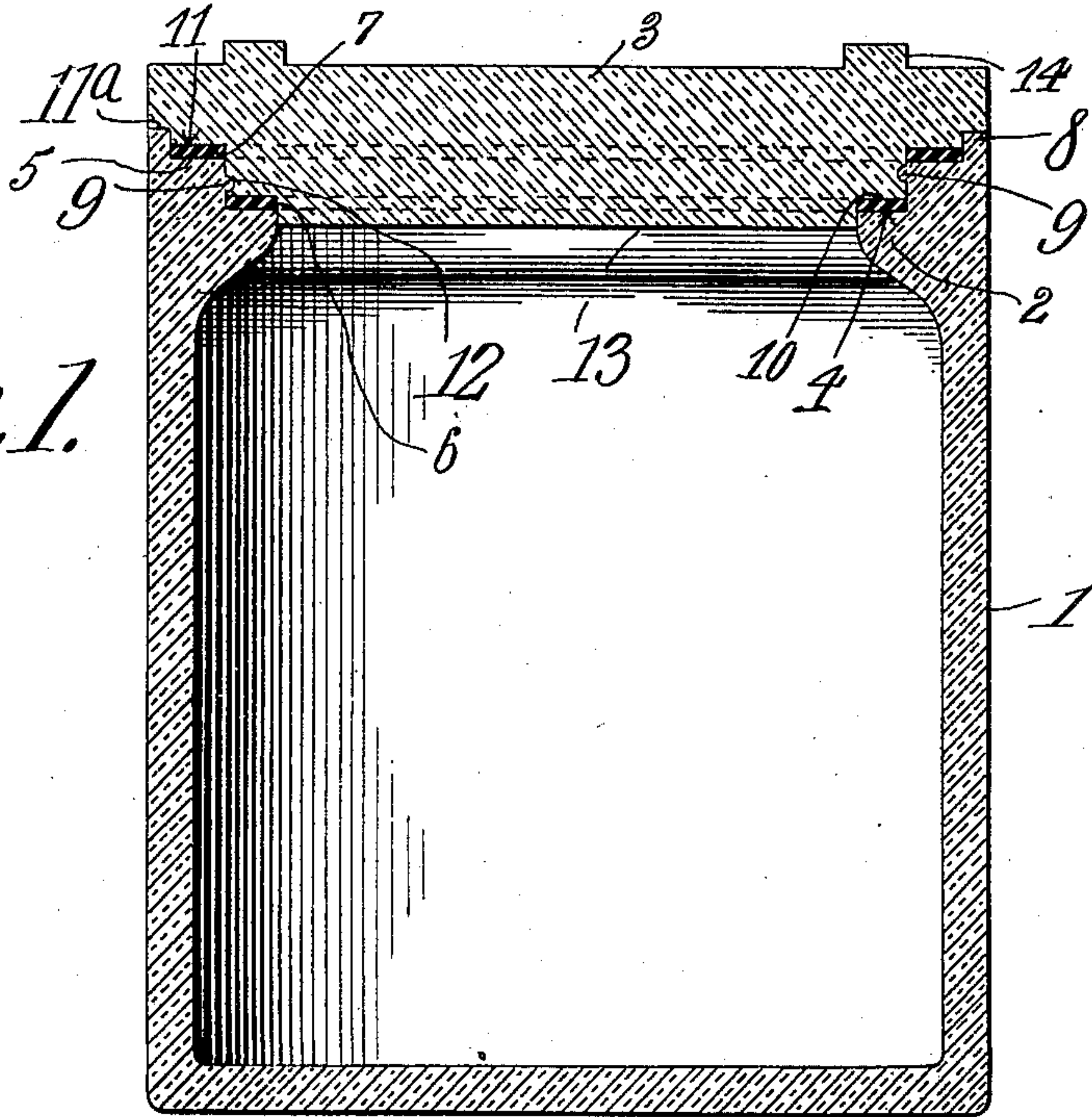
W. J. PERRITT.

FRUIT JAR.

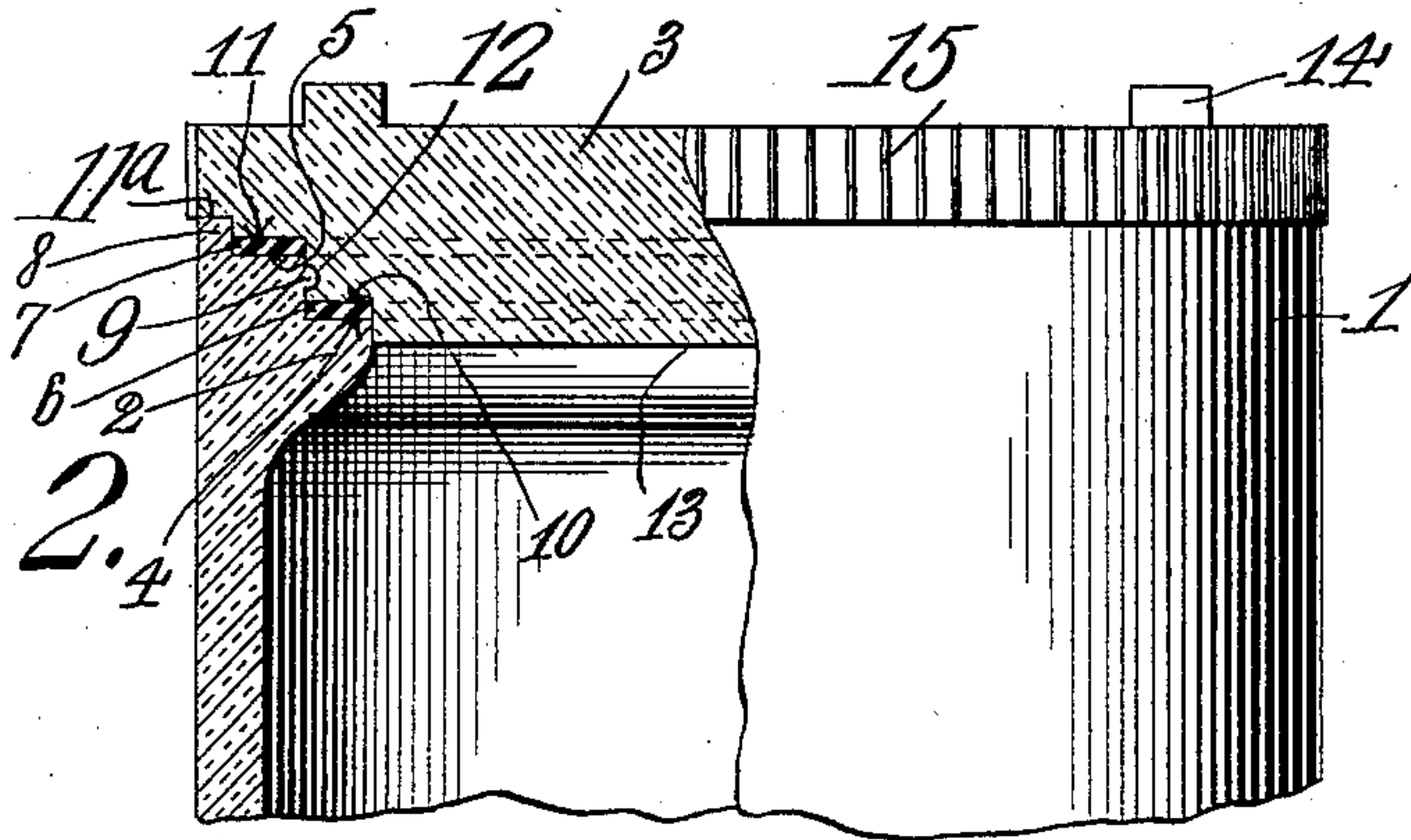
APPLICATION FILED OCT. 14, 1907.

2 SHEETS—SHEET 1.

*Fig. 1.*



*Fig. 2.*



*William J. Perritt*

Inventor,

Witnesses:

*E. J. Stewart*  
*R. M. Elliott*

By

*C. A. Snow & Co.*

Attorneys.

No. 879,669.

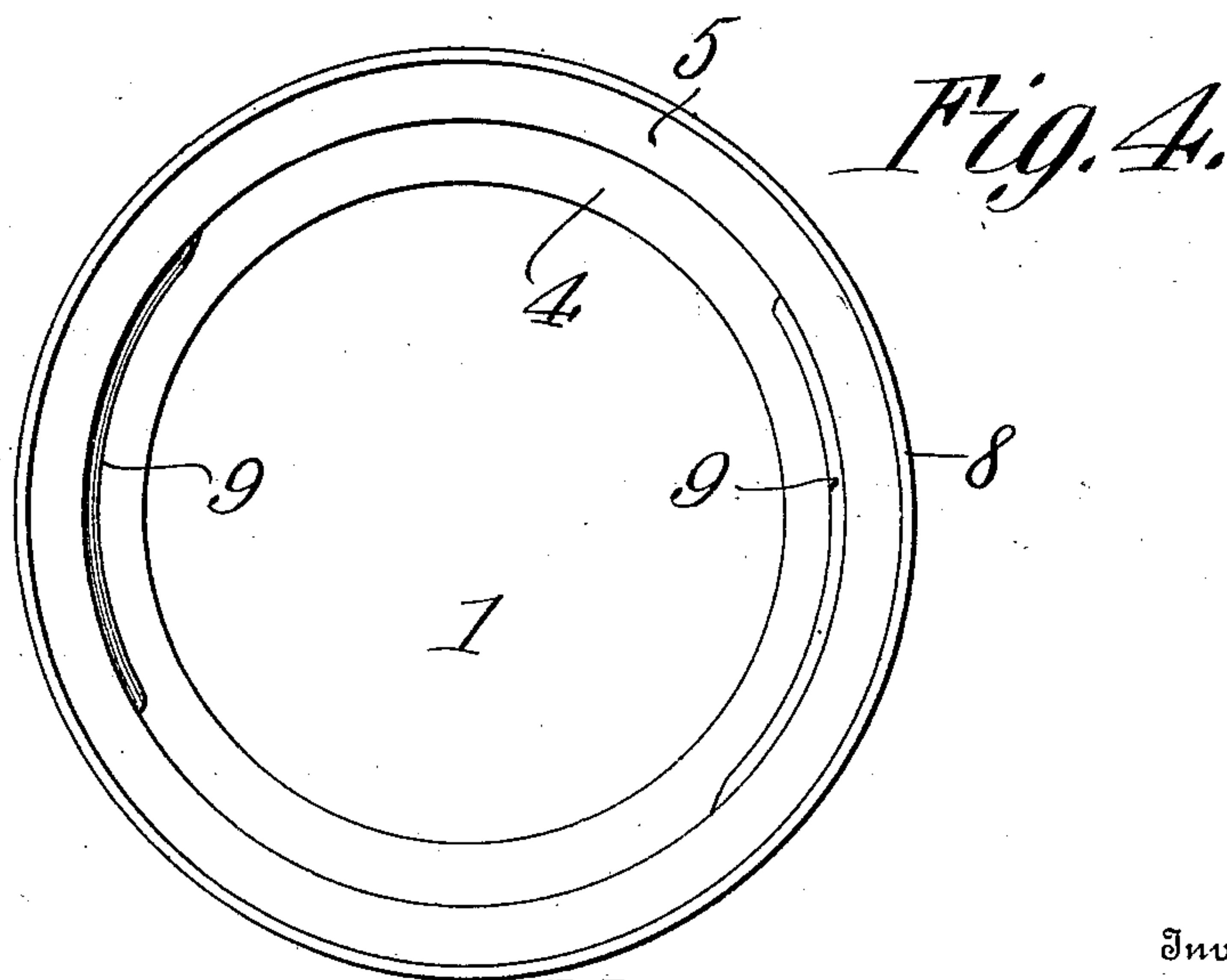
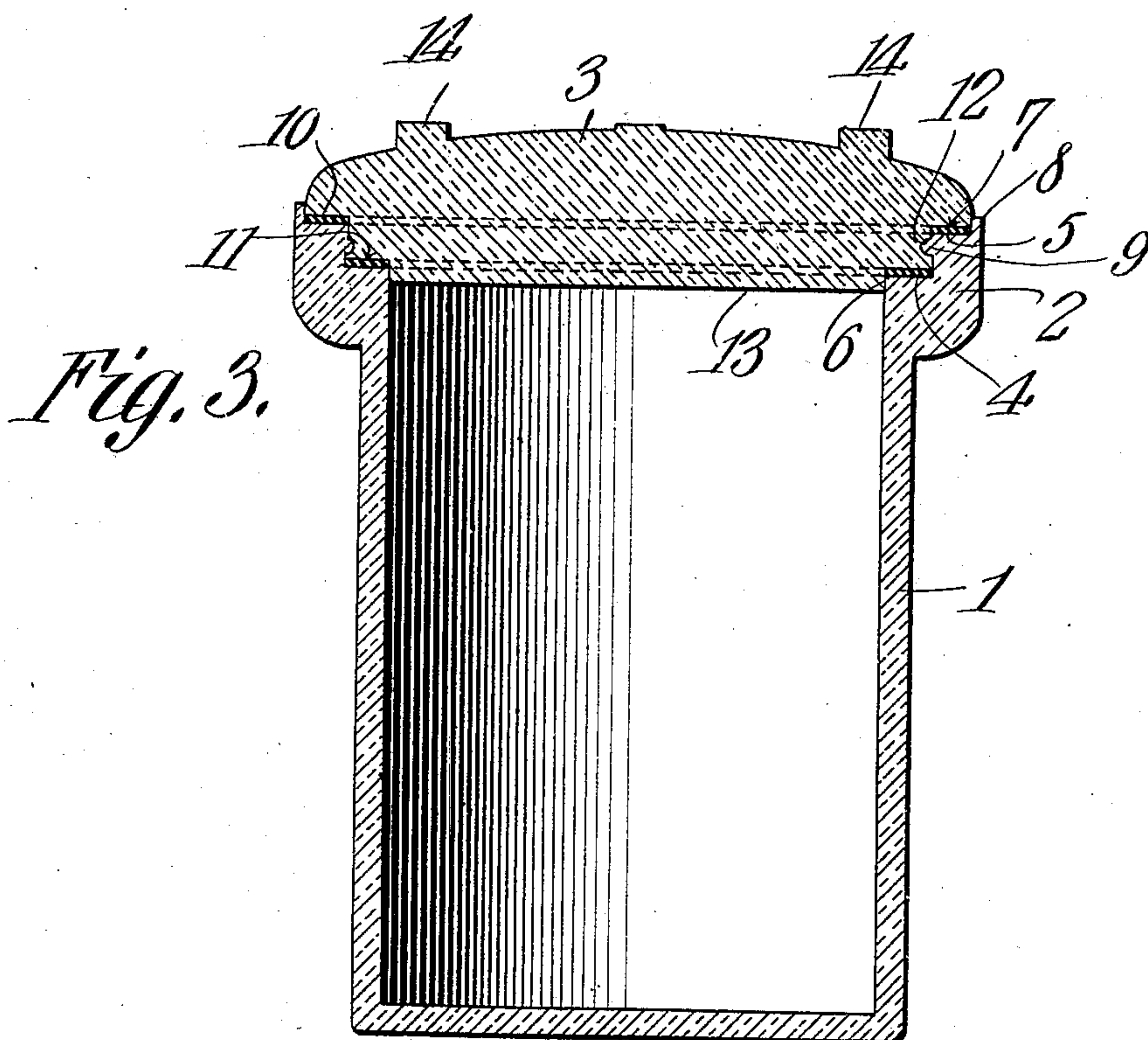
W. J. PERRITT.

PATENTED FEB. 18, 1908.

FRUIT JAR.

APPLICATION FILED OCT. 14, 1907.

2 SHEETS—SHEET 2.



Witnesses:

*E. H. Hunt*  
*R. M. Elliott*

Inventor,

*William J. Perritt.*

By

*C. A. Snow & Co.*

Attorneys.



# UNITED STATES PATENT OFFICE.

WILLIAM J. PERRITT, OF ROGERS, ARKANSAS.

## FRUIT-JAR.

No. 879,669.

Specification of Letters Patent.

Patented Feb. 18, 1908.

Application filed October 14, 1907. Serial No. 397,419.

*To all whom it may concern:*

Be it known that I, WILLIAM J. PERRITT, a citizen of the United States, residing at Rogers, in the county of Benton and State of Arkansas, have invented a new and useful Fruit-Jar, of which the following is a specification.

This invention relates to self-sealing fruit jars.

The object of the invention is to improve the manner of assembling the cover with the jar, whereby to facilitate its attachment thereto or detachment therefrom, and further so to improve the sealing joint between the parts, as that positive exclusion of air from the jar will be assured, as well as the prevention of the escape of the contents thereof under all conditions of handling or storage.

With the above and other objects in view, as will appear as the nature of the invention is better understood, the same consists, generally stated, in a fruit jar having its mouth provided with two seats, arranged in step-order, each of which is adapted to support a sealing ring, and a cover having two shoulders, arranged in step-order, and designed to bear upon the sealing rings, the neck of the jar being provided with a marginal upstanding flange in which a portion of the cover is seated, and which operates to limit the compression of one of the sealing rings, and one wall of the neck being provided with mutilated threads to interlock with mutilated thread valleys arranged in a portion of the cover. By the provision of the two sealing rings arranged as described, when the cover has been tightly seated, escape of the contents of the jar will be prevented, and entrance of air thereto will positively be precluded, so that the contents of the jar will be maintained in the best possible condition for use. As is well known, spoilage of the contents of a jar frequently results from the fact that the sealing ring is imperfect in some portion of its length, and at the imperfect point air will find its way into the interior of the jar. By the provision of double sealing rings, this defect will be entirely overcome, and the contents of the jar may be conserved for an indefinite period.

A further feature of the invention resides in the fact that the interior of the jar is devoid of shoulders or projections, being in effect of the same diameter throughout its entire length, and this construction will not

only facilitate filling and cleaning the jar, but will also prevent the retention of any matter that would tend to cause fermentation if not removed.

The invention consists further in the various novel features of construction of a self-sealing fruit jar, as will be hereinafter fully described and claimed.

In the accompanying drawings, forming a part of this specification, and in which like characters of reference indicate corresponding parts, Figure 1 is a view in vertical section through a fruit jar constructed in accordance with the present invention. Fig. 2 is a view in side elevation, partly in section, of the upper portion of a jar, displaying a slightly modified form of cover. Fig. 3 is a view in vertical section through a slightly modified form of fruit jar. Fig. 4 is a top plan view of the jar.

Referring to the drawings, and Figs. 1 and 2 thereof, 1 designates the body of the jar, 2 the neck thereof, and 3 the cover. The jar may be made of any suitable material, such as glass or porcelain, and, as shown in Fig. 1, is of the same external diameter throughout its length.

The neck is provided with two flat seats 4 and 5 which are arranged in step-order, and are adapted to sustain sealing rings 6 and 7 of the usual or any preferred construction. In addition to the seats, the neck is provided with a marginal upstanding flange 8 and with two oppositely disposed segmental threads 9.

The cover 3 which may be made of the same material as the jar is provided with three flat shoulders 10, 11 and 11<sup>a</sup>, the shoulders 10 and 11 being adapted to bear upon the sealing rings and the shoulder 11<sup>a</sup> upon the flange 8. The cover is provided with thread valleys 12 that engage with the segmental threads 9, and the under face of the cover is provided with an extension 13 to fit snugly within the mouth of the jar. The upper side of the cover is provided with a series of upstanding lugs 14 that are adapted to be engaged by a suitable wrench when the cover is to be removed. In addition to the lugs, the margin of the cover may be corrugated as shown at 15, Fig. 2, to permit removal of the cover without a tool.

As shown in Figs. 1 and 2, the neck is disposed interiorly of the body of the jar, and carries the seats 4 and 5, and by this arrangement, the exterior of the jar is of the same diameter throughout its length.



In the modified form of the invention, shown in Fig. 3, the neck 2 is disposed exteriorly of the body, thereby causing the interior thereof to be of the same diameter throughout its entire material-containing length. Further, the cover fits within the seat formed by the flange 8, the latter in both forms of the invention serving to limit the outward compression of the sealing ring 6. 10 Aside from these differences the two structures are the same.

It will be seen from the foregoing description, that although the improvements herein defined are simple in character, they are thoroughly practical, and will coact in the production of a highly efficient and sanitary form of fruit jar. 15

Having thus fully described the invention what is claimed is:—

20 1. A fruit jar having its neck provided with a plurality of seats arranged in step order, one wall of the neck being provided with segmental threads, sealing rings disposed upon the seats, and a cover having a plurality of shoulders arranged in step order 25 to bear upon the sealing rings, and having

one face provided with thread valleys to engage with the threads of the neck, the under side of the cover being provided with an extension to fit snugly within the mouth 30 of the jar.

2. A fruit jar having its neck provided with a plurality of seats arranged in step-order, one wall of the neck being provided with segmental threads, sealing rings disposed upon the seats, and a cover having a plurality of shoulders arranged in step-order to bear upon the sealing rings, and having one face provided with thread valleys to engage with the threads of the neck, the under side 40 of the cover being provided with an extension to fit snugly within the mouth of the jar, and on its upper side with a plurality of up-standing lugs to be engaged by an unsealing tool. 45

In testimony that I claim the foregoing as my own, I have hereto affixed my signature in the presence of two witnesses.

WILLIAM J. PERRITT.

Witnesses:

W. R. NELSON,

W. H. McMULLIN.