

R. N. BURGEDORFF.  
FRUIT JAR.  
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934,657.

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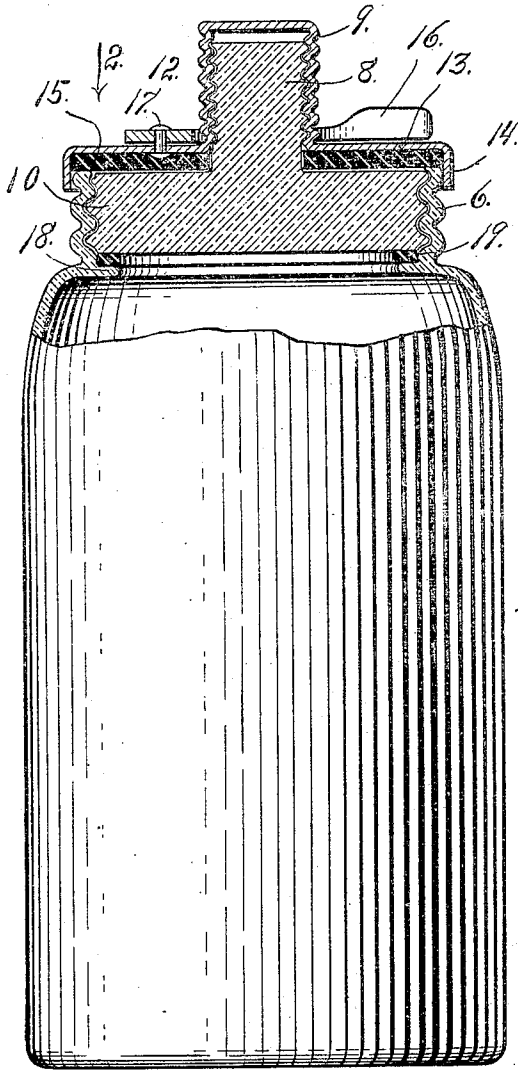


Fig. 1.

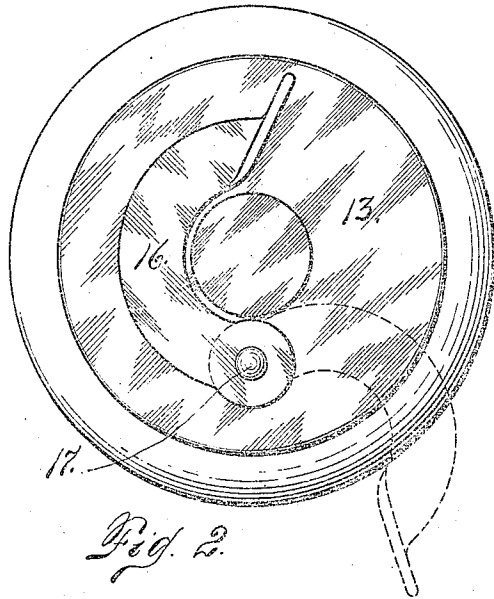


Fig. 2.

5.

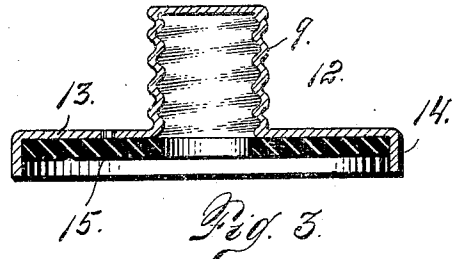


Fig. 3.

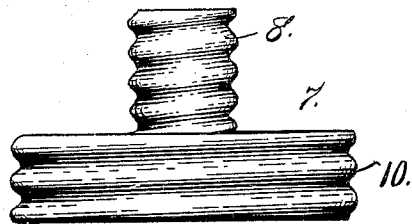


Fig. 4.

Witnesses

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# UNITED STATES PATENT OFFICE.

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FRUIT-JAR.

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934,657.

Application filed May 17, 1909. Serial No. 496,499.

*To all whom it may concern:*

Be it known that I, RAYMOND NOBLE BURGEDORFF, citizen of the United States, residing in the city and county of Denver and State of Colorado, have invented certain new and useful Improvements in Fruit-Jars; and I do 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, reference being had to the accompanying drawings, and to the figures of reference marked thereon, which form a part of this specification.

My invention relates to improvements in jars or receptacles more especially adapted for use in putting up fresh fruit where only a relatively small quantity of sugar is used. It is well known that in putting up fruit in this manner it is exceedingly important that the jar be perfectly sealed, since if such is not the case, the fruit will spoil, as often happens with the jars now in vogue.

My object is to produce a jar, which when closed, is perfectly sealed against the entrance of air, and to this end the invention consists of the features hereinafter described and claimed, all of which will be fully understood by reference to the accompanying drawing in which is illustrated an embodiment thereof.

In this drawing, Figure 1 is a side elevation of a jar with its upper portion sectionized. Fig. 2 is a top plan view of the jar. Fig. 3 is a sectional detail view of one member of the cover. Fig. 4 is a side elevation of the other cover member.

The same reference characters indicate the same parts in all the views.

Let the numeral 5 designate the body of the jar whose top 6 is interiorly threaded to receive the body member 7 of the cap which is preferably formed of glass and made solid, the exterior surface of its disk portion 10 being threaded or spirally grooved to coincide with the interior threads of the top 6. The cap member 7 is provided with a centrally located neck 8 which projects upwardly therefrom and is exteriorly threaded to receive corresponding interior threads of the hollow neck portion 9 of a cap member 12 which is preferably composed of metal, its body portion 13 being of sufficient circumference to overlap the body portion of the member 7, its outer edge being provided with a depending flange 14 which

projects slightly below the upper edge of the jar top 6. The body part of the cap member 12 is provided with a washer 15 forming a gasket which fits closely around the neck 8 and extends outwardly over the edge of the jar, thus completely sealing the latter when the cap is applied.

The cap member 12 is provided with a lever arm 16 pivotally connected therewith as shown at 17. This lever arm is curved to fit around the hollow neck 9 when not in use, in which event it does not protrude beyond the cover of the jar. When however it is desired to use the arm lever for removing the cover from the jar, the said arm is thrown outwardly to the position indicated by dotted lines in Fig. 2, in which event its outer extremity protrudes considerably beyond the body of the jar, and gives the operator an important leverage for manipulating the cap. In applying the cap to the jar, the lever arm 16 gives the user an opportunity to hold the cap against slipping in the hand, when the lever is in the full line position in Fig. 2.

From the foregoing description the use of my improved fruit jar cap will be readily understood. Assuming that the two members 7 and 12 are connected, by threading them together, the member 7 is then screwed into the jar top by the use of the lever arm 16 until the member 12 has reached a position causing its gasket 15 to press tightly upon the upper edge of the jar, sealing the joint between the jar top and the body portion of the member 7. The lever arm is then thrown to the position shown in full lines in Fig. 2.

As shown in the drawing, the base of the jar top is provided with an interiorly projecting ledge 18 forming a seat for a rubber washer 19 which the member 7 of the cap engages when the latter is applied to the jar. This washer coöperates with the gasket 15 to form a perfect seal for the jar when the cap is applied.

Having thus described my invention, what I claim is:

1. The combination with a fruit jar having an interiorly threaded top, of a two part cap composed of a body member adapted to enter the top of the jar and having a threaded neck, and a second member having a hollow neck to receive the neck of the body member, the second member having a disk portion covering the body member and

projecting beyond the top of the jar and provided with a gasket sealing the joint between the jar and the body member, substantially as described.

5 2. A jar cap composed of an exteriorly threaded body member having a threaded neck and a cooperating member having a hollow neck threaded to receive the neck of the body member and having a disk portion  
10 overlapping the body member and provided with a gasket for the purpose set forth.

3. A jar cap composed of two separable members, the one member being adapted to enter the top of the jar and provided with a  
15 threaded neck; the other member having a hollow neck threaded to receive the neck of the first named member and having a disk portion overlapping the body part of the first named member and provided with  
20 a gasket for the purpose set forth.

4. A jar cap composed of two members having a threaded connection, one member

being adapted to enter the top of the jar, while the other member overlaps the first named member and is provided with a gasket to seal the joint between the body member and the jar top, substantially as described.

5. A fruit jar having an interiorly projecting ledge at the base of its top, the latter being interiorly threaded, a washer resting on said ledge and a cap adapted to enter the jar top and rest upon the said washer, the cap consisting of two members and an interposed gasket overlapping the top of the jar and cooperating with the said washer to form a double seal.

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

RAYMOND NOBLE BURGEDORFF.

Witnesses:

A. J. O'BRIEN,  
A. EBERT O'BRIEN.