

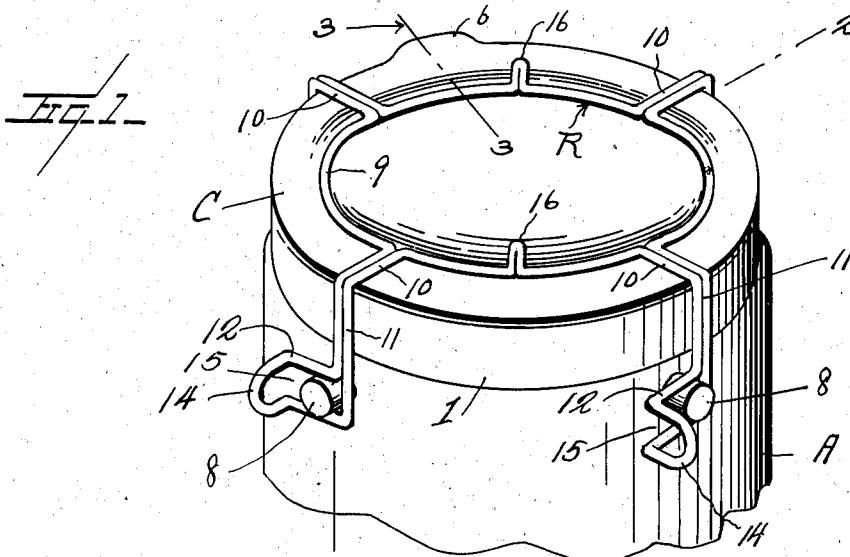
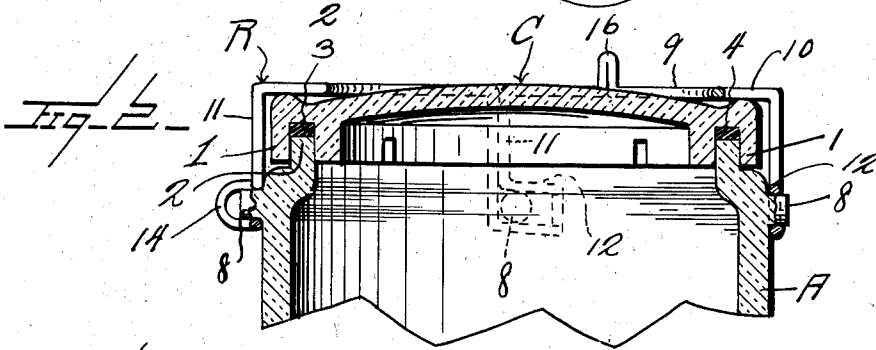
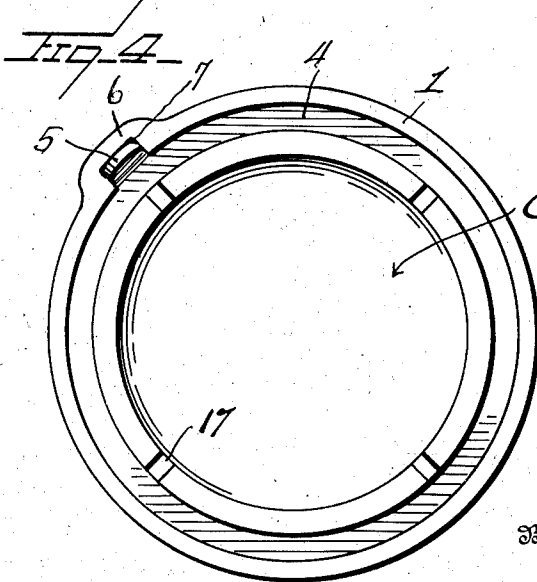
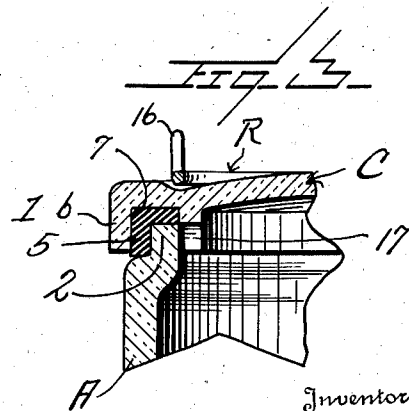
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JAR CLOSURE

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JAR CLOSURE

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3 Claims. (Cl. 215—88)

This invention relates to a jar closure and it is an object of the invention to provide means whereby the closure for a jar may be securely held in place and in a manner whereby the mounting of the closure is airtight.

It is also an object of the invention to provide a device of this kind including a holding or retaining member constructed in a manner to permit the closure for the jar to be quickly fastened in position or released when desired.

The invention consists in the details of construction and in the combination and arrangement of the several parts of my improved jar closure whereby certain important advantages are attained, as will be hereinafter more fully set forth.

In order that my invention may be the better understood, I will now proceed to describe the same with reference to the accompanying drawing, wherein:

Figure 1 is a view in perspective illustrating a means for closing a jar constructed in accordance with an embodiment of my invention, the jar being illustrated in fragment;

Figure 2 is a sectional view taken substantially on the line 2—2 of Figure 1;

Figure 3 is a detailed sectional view taken substantially on the line 3—3 of Figure 1; and

Figure 4 is a view in bottom plan of the closure member unapplied.

As disclosed in the accompanying drawing, A denotes a jar, preferably of glass, and which is adapted to have its upper open end sealed by the closure member C. The jar A and member C are preferably made of glass, although it is to be stated that any other material as desired may be used. The under surface of the closure member C in its peripheral portion is provided with the two concentrically arranged flanges 1 spaced apart a distance to snugly receive therebetween the neck portion 2 at the upper or open end of the jar A. Fitting within the annular groove 3 provided between the flanges 1, is a sealing gasket 4 which bears against the bottom wall of the groove 3 and has contact with the outer edge of the neck 2, as is clearly illustrated in the accompanying drawing. The washer or gasket 4 is provided with an outwardly disposed tongue 5, as is well-known, to provide means to facilitate the removal of the washer or gasket 4. To accommodate this tongue 5 when the closure member C is in effective position upon the jar A, the periphery of the closure member C is formed to provide an outstanding lug 6 having its under face recessed, as at 7, as is believed to

be clearly illustrated in Figures 3 and 4 of the drawing.

The jar A adjacent to its top or open end is provided therearound with the outstanding lugs 8 preferably integrally formed therewith. In the present embodiment of my invention these lugs 8 are four in number and equi-distantly spaced.

The closure member C is held in applied position upon the jar A by a holding or retaining member R. As illustrated in the accompanying drawing this member R is formed from a single length of wire of desired gage and comprises a central annular member 9 which is superimposed upon the member C. At equi-distantly spaced points therearound the wire comprised in the construction of the member 9 is pinched to provide a series of radially disposed and outstanding members 10. These members 10 are of such length as to terminate slightly beyond the periphery of the closure member C and the outer extremities of these arms 10 are continued by the substantially perpendicularly related arms 11 which are of such length as to extend beyond the closure member C to overlie the upper or open end portion of the jar A. The outer or free end portions of the arms 11 are continued by the spaced strands 12 connected at their outer extremities by the outwardly disposed arch members 14. The strands 12 provide therebetween slots 15 into which are snugly received the lugs 8 of the jar A upon requisite turning movement of the member R. The arch members 14 maintain the strands 12 in desired relation but offer no hindrance or obstruction to the interlocking engagement of the lugs 8 within the slots 15.

To facilitate the desired turning of the member R to tighten the closure member upon the jar A or to release the closure member, the holding or retaining member R at diametrically opposed points is pinched to provide the upstanding lugs 16 with which the blade of a case knife or other suitable elongated member or element may be engaged.

As is illustrated in the drawing, the inner flange 1 of the closure member C at predetermined points therearound is provided with the recesses or notches 17 to facilitate the effective application or removal of the closure member C, and more particularly to break the vacuum within the jar A when it is desired to remove the closure member C.

From the foregoing description it is thought to be obvious that a jar closure constructed in accordance with my invention is particularly well adapted for use by reason of the convenience and

facility with which it may be assembled and operated.

I claim:

1. The combination with a jar having lugs extending outwardly therefrom adjacent to its open end; of a closure member for the open end of the jar and a retaining member for holding the closure member to the jar, said retaining member comprising a central annular member to overlie the closure member, outstanding arms carried by the annular member, said arms being of a length to extend beyond the periphery of the closure member, the outer extremities of said arms being continued by substantially perpendicularly related arms of a length to overlie the open end portion of the jar when the closure member is applied, the outer end portions of the second arms being continued by the laterally directed spaced elements providing slots therebetween to receive the lugs of the jar upon turning movement of the retaining member in one direction, and outwardly disposed arch members provided at the outer extremities of said spaced elements and connecting the same.

2. The combination with a jar having lugs extending outwardly therefrom adjacent to its open end; of a closure member for the open end of the jar and a retaining member for holding the closure member to the jar, said retaining member comprising a central annular member to overlie the closure member, outstanding arms carried by the annular member, said arms being of a length to extend beyond the periphery of the closure member, the outer extremities of said arms being continued by substantially perpendicularly related arms of a length to overlie the open end portion of the jar when the closure

member is applied, the outer end portions of the second arms being continued by the laterally directed spaced elements providing slots therebetween to receive the lugs of the jar upon turning movement of the retaining member in one direction, and outwardly disposed arch members provided at the outer extremities of said spaced elements and connecting the same, the annular member, arms, spaced elements and arch members being formed from a single length of material.

3. The combination with a jar having lugs extending outwardly therefrom adjacent to its open end; of a closure member for the open end of the jar and a retaining member for holding the closure member to the jar, said retaining member comprising a central annular member to overlie the closure member, outstanding arms carried by the annular member, said arms being of a length to extend beyond the periphery of the closure member, the outer extremities of said arms being continued by substantially perpendicularly related arms of a length to overlie the open end portion of the jar when the closure member is applied, the outer end portions of the second arms being continued by the laterally directed spaced elements providing slots therebetween to receive the lugs of the jar upon turning movement of the retaining member in one direction, outwardly disposed arch members provided at the outer extremities of said spaced elements and connecting the same, and substantially diametrically disposed and upstanding lugs carried by the annular member to provide means to facilitate turning movement of the retaining member.

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