

A. H. EMERY.
JAR OR BOTTLE CLOSURE.
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1,055,992.

Patented Mar. 11, 1913.

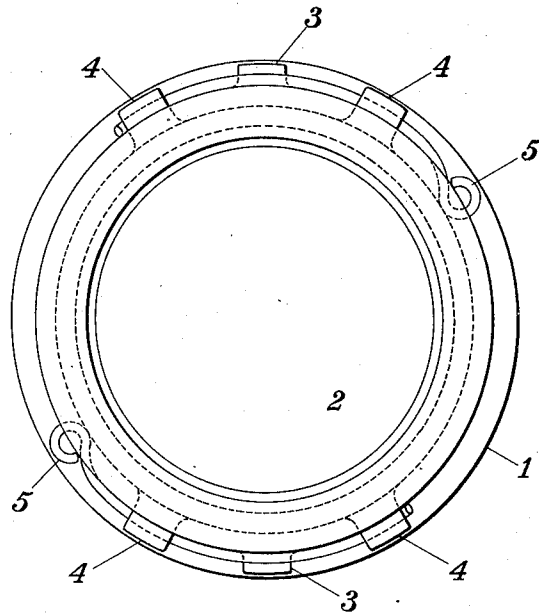


Fig. 1

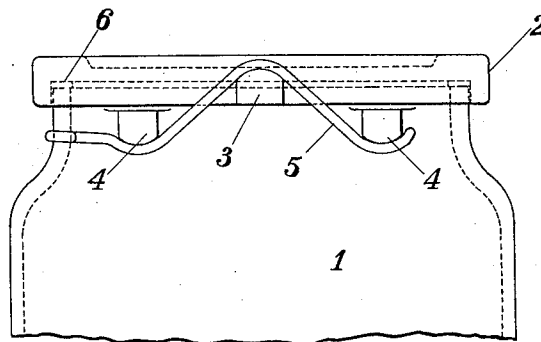


Fig. 2

WITNESSES

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UNITED STATES PATENT OFFICE.

ALBERT H. EMERY, OF STAMFORD, CONNECTICUT.

JAR OR BOTTLE CLOSURE.

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Specification of Letters Patent.

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Application filed May 14, 1912. Serial No. 697,242.

To all whom it may concern:

Be it known that I, ALBERT H. EMERY, a citizen of the United States, residing in the city of Stamford, county of Fairfield, and State of Connecticut, have invented a new and Improved Jar or Bottle Closure, of which the following is a specification.

My invention relates to improvements in the construction of glass jars, bottles, or similar receptacles, and particularly to the closure of such receptacles as hereinafter described and claimed.

Reference is to be had to the accompanying drawing forming a part of this specification.

Figure 1 shows a plan of a jar and its cover with its locking device complete; and Fig. 2 shows a side elevation of the upper end of the jar and its cover and locking device.

This invention relates to the class of jars in which the cover is secured in place by the help of lugs on the cover and neck of the bottle or jar.

My improvements relate to a method of fastening the cover securely and to improvements by means of which it can be removed easily after standing until the packing sticks firmly.

Similar numerals of reference indicate corresponding parts in all figures of the drawings.

1 is the upper part of the jar and 2 is the cover.

3 are two lugs on the cover of the jar.

4 are four lugs on the neck of the jar.

5 are springs which go over lugs 3 of the cover and under lugs 4 of the jar which when in place hold the cover tightly on the jar. The springs 5 are made of round wire or wire that is flattened on two sides before bending or they may have a rectangular section. They are bent usually substantially in the form shown but with the bearing parts closer so that it will take considerable pressure to spring them enough to get them in place when they should give pressure enough on the lugs 3 and 4 to cause the cover to seal the jar if the packing 6 is suitable for use. This packing ring 6 may be made of rubber or any other suitable material. It may be a ring set in a recess as shown or it may cover the entire inner face of the cover if desired.

In sealing fruit when the fruit cools the atmospheric pressure increases the pressure on the cover and usually causes the packing 6 to stick. When it is desired to open the jar the springs 5 are removed and a knife or other suitable implement is placed between the flange of the cover and one of the lugs 4 and the cover is easily pried up allowing the air to enter and may then be easily removed.

The jar or cover may be made of glass, earthenware or any other suitable material but I prefer glass usually.

I claim:—

1. A jar or receptacle provided with a plurality of outwardly projecting lugs and a cover for said jar also provided with a plurality of outwardly projecting lugs, the lugs on the cover registering with the spaces between the adjacent lugs on the jar and loose detachable springs acting on said lugs to hold the cover on the jar, each of said springs passing over the lug on one member and under the adjacent lugs on the other member.

2. A jar or receptacle provided with two pair of outwardly projecting lugs and a cover for said jar provided with a single pair of outwardly projecting lugs on the cover registering with the spaces between the adjacent lugs on the jar and loose detachable springs acting to hold the cover on the jar, said springs each going over one of the lugs on the cover and under two adjacent lugs on the jar.

3. A jar or receptacle provided near the open end with a plurality of outwardly projecting lugs, and a cover for said jar provided with a plurality of outwardly projecting lugs, each of which when the cover is in sealing position on the jar, registers with the space between two adjacent lugs on the jar, a packing between the jar and cover, and loose detachable springs acting on said lugs to hold the cover on the jar, each of said springs passing over the lug on one member and under the adjacent lugs on the other member.

The foregoing specification signed at Stamford, Conn., this 11th day of May 1912.

ALBERT H. EMERY.

In presence of two witnesses:

GEORGE R. CLOSE,

MABEL E. HAMILTON.