

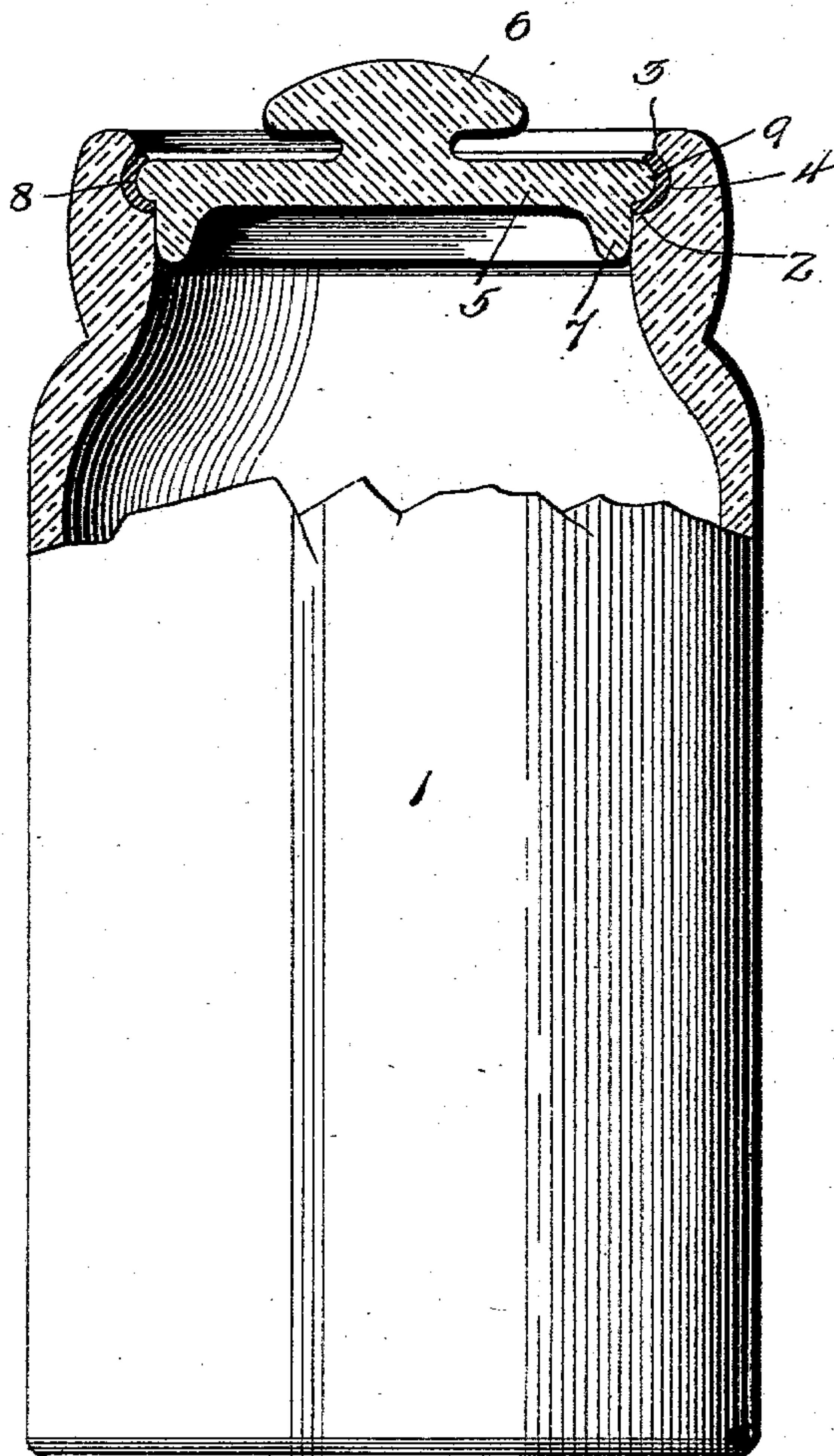
No. 715,345.

Patented Dec. 9, 1902.

H. S. BREWINGTON.
JAR CLOSURE.

(Application filed Dec. 20, 1901.)

(No Model.)



Witnesses

T. L. Mockett
Jos. T. Peake

Inventor

Henry S. Brewington,

By

J. M. Clary Attorney

UNITED STATES PATENT OFFICE.

HENRY S. BREWINGTON, OF BALTIMORE, MARYLAND, ASSIGNOR OF ONE-HALF TO WILLIAM F. SEIM, OF BALTIMORE, MARYLAND.

JAR-CLOSURE.

SPECIFICATION forming part of Letters Patent No. 715,345, dated December 9, 1902.

Application filed December 20, 1901. Serial No. 86,687. (No model.)

To all whom it may concern:

Be it known that I, HENRY S. BREWINGTON, a citizen of the United States, residing at the city of Baltimore, in the State of Maryland, have invented new and useful Improvements in Jar-Closures, of which the following is a specification.

My invention relates to jar-closures; and its primary object is to provide a jar and cover so constructed as to insure a close air-tight sealing of the mouth of the jar by the mere insertion of the stopper.

A further object of the invention is to combine with a jar and stopper or cover-closure a gasket which will serve the double purpose of a fastening means for the stopper or cover and a sealing-packing therefor.

The invention consists of a jar formed adjacent to its mouth with an internal annular shoulder and at its upper edge with an annular internal shoulder, the space between the shoulders forming an annular groove, in combination with a cover or stopper having a depending flange or collar and a packing-gasket surrounding the flange or collar of the stopper and adapted to be spread upwardly around the rounded peripheral bead or edge of the stopper and into the groove of the jar to securely retain the cover or stopper in position within the mouth of the jar and also serve as an effective packing therefor.

The construction of the improvement will be fully described hereinafter in connection with the accompanying drawing, which forms part of this specification, and its novel features will be particularly pointed out in the appended claims.

The drawing is a view, partly in vertical section and partly in elevation, of a jar and closure embodying the invention.

The reference-numeral 1 designates the body of the jar, formed below its upper edge with an annular internal shoulder 2 and at said top edge with an annular internal bead or shoulder 3, having a rounded surface. The space between the two shoulders 2 and 3 forms an annular groove 4 to receive the edge of the cover or stopper and the packing-gasket.

5 designates the cover, preferably formed with a central integral knob 6 and having an

annular flange or collar 7 depending from its under side. A flat ring or gasket 8, of rubber or equivalent yielding material, surrounds the flange 7 of the stopper or cover, and when the stopper is inserted into the mouth of the jar said gasket is spread upward around the rounded peripheral bead or edge 9 of the stopper and forced into the groove 4 within the jar.

It will be apparent from the illustration in the drawing that the forcing of the cover into the mouth of the jar spreads the gasket into the groove and under the upper shoulder 3 of the jar, closely packing the space between the edge of the cover and the outer walls of the groove, and thus insuring the hermetic sealing of the jar. The shoulder 2 serves as a stop to limit the inward movement of the cover or stopper.

It will be obvious from the above description that the elastic gasket effectively serves two functions—viz., that of a fastening device for the stopper and an air-tight packing therefor.

I claim—

1. The combination with a jar formed below its upper edge with an annular internal groove, of a closure comprising a cover having an annular flange or collar depending from its under side, a rounded peripheral bead or edge and an elastic gasket surrounding the bead of the closure and spread upward within and above the groove in the jar.

2. The combination with a jar formed with an internal annular groove, and an annular shoulder or bead above the groove, said bead having a rounded surface, of a stopper having a depending annular flange or collar, a rounded peripheral bead and an elastic gasket surrounding said peripheral bead, and spread upward into the groove of the jar to retain the cover in place, and between the cover and the mouth of the jar to serve as an air-tight packing.

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

HENRY S. BREWINGTON.

Witnesses:

PETER J. NELSON,
ROBERT C. RHODES.