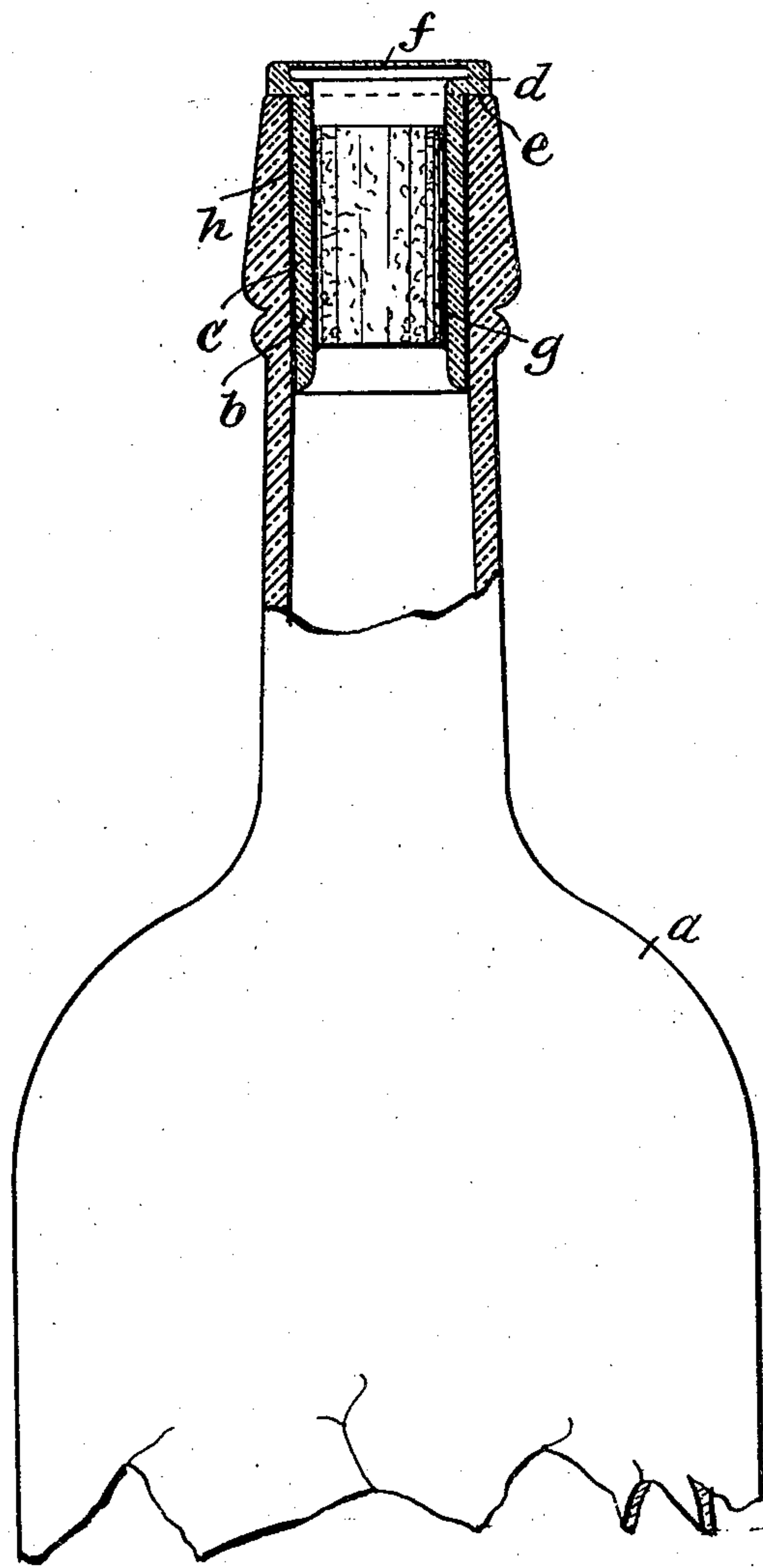


No. 847,075.

PATENTED MAR. 12, 1907.

J. HÜRLIMANN.  
BOTTLE OR JAR AND THE LIKE.  
APPLICATION FILED SEPT. 5, 1906.



WITNESSES:

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# UNITED STATES PATENT OFFICE.

JAKOB HÜRLIMANN, OF HALIDON, NEW JERSEY.

## BOTTLE OR JAR AND THE LIKE.

No. 847,075.

Specification of Letters Patent.

Patented March 12, 1907.

Application filed September 5, 1906. Serial No. 333,380.

*To all whom it may concern:*

Be it known that I, JAKOB HÜRLIMANN, a citizen of the United States, residing in Halidon, Passaic county, New Jersey, have invented certain new and useful Improvements in Bottles or Jars and the Like; and I do hereby 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 letters of reference marked thereon, which form a part of this specification.

My invention is an improvement in jars, bottles, and the like; and it has for its object to so construct a jar or bottle, &c., that when once opened its condition will be such as to make it practically valueless as a salable article of manufacture, whereby to prohibit its further use fraudulently.

In carrying out my invention I cement or otherwise permanently secure in the bottle or jar mouth, after filling, a hollow capsule open at its lower end and closed at its upper end and containing a cork or stopper of ordinary form, the closed upper end of said capsule, which is preferably composed of glass, being so thin or otherwise fragile as to be readily breakable by a blow properly applied thereto, whereby the cork contained in the capsule may be then removed to permit the discharge of the contents of the bottle.

My invention will be found fully illustrated in the single figure of the accompanying drawing.

In said drawing, *a* designates a bottle of usual form throughout, and *b* is the capsule arranged in the mouth thereof. Said capsule comprises a cylindrical portion *c*, which fits or nearly fits within the bottle-mouth, and a head portion *d*, which is of somewhat larger diameter than the cylindrical portion, and thus produces an abutment at *e*, adapted to take against the top surface of the bottle-mouth, and thus limit its downward movement therein.

The top of the head is formed in the adaptation shown by a thin wall *f*, and the diameter of the capsule within the head is somewhat larger than its diameter, internally in its cylindrical portion, whereby to give a

greater area to the wall *f* than it would otherwise have, and thus make it susceptible of being the easier broken and with a cleaner effect. Within the cylindrical portion is a cork or stopper *g* of the usual kind.

*h* designates a layer of cement interposed between the inside of the bottle-neck and the cylindrical portion of the capsule, the same holding the capsule permanently in the bottle.

When the bottle has been filled and is ready to be closed, the cork or stopper *g* is first inserted into the capsule, as shown in the drawing, whereupon the capsule is fitted into the bottle-neck, a coating of the cement having been first applied thereto. Since the cement holds the capsule permanently, the contents cannot be removed without first breaking the wall *f*, whereupon the stopper may be withdrawn to permit the outflow. The stopper serves, of course, to close the bottle temporarily after the wall *f* is broken. It also serves to seal in the contents should the wall *f* become accidentally broken in any way, as well as a means for preventing particles of the broken wall *f* finding their way into the bottle.

It will be noticed that the tops of the wall *f* and of the head portion *d* of the capsule are flush with each other. This enhances the breaking out of the wall *f* in such a way as to produce a clear free opening through which the stopper *g* may be drawn.

Having thus fully described my invention, what I claim, and desire to secure by Letters Patent, is—

1. The combination of a bottle, jar or the like, a capsule permanently secured in the mouth thereof and having its lower end open and its upper end portion enlarged to form a head bearing against the top of the bottle-mouth, said head having a larger inside diameter than the inside diameter of the capsule and also having a relatively weak wall closing off the way through said capsule, and a stopper fitted into said capsule below said wall, substantially as described.

2. The combination of a bottle, jar or the like, a capsule permanently secured in the mouth thereof and having its lower end open and its upper end portion enlarged to form a head bearing against the top of the bottle-mouth, said head having a larger inside di-

ameter than the inside diameter of the capsule and also having a relatively weak wall closing off the way through said capsule, and the top surface of said head being flat or smooth, and a stopper fitted in said capsule below said wall, substantially as described.

In testimony that I claim the foregoing I

have hereunto set my hand this 1st day of September, 1906.

JAKOB HÜRLIMANN.

Witnesses.

JOHN W. STEWARD,

WM. D. BELL.