

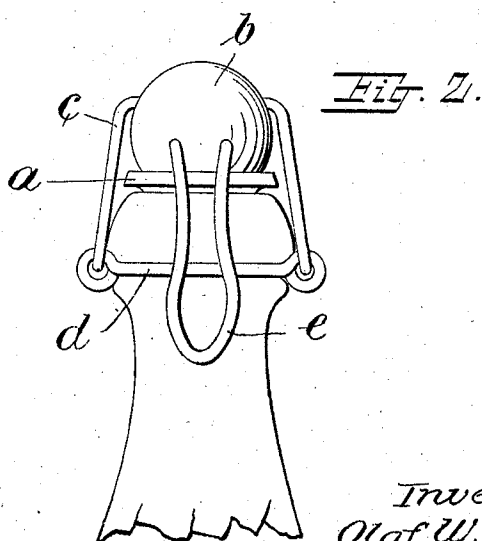
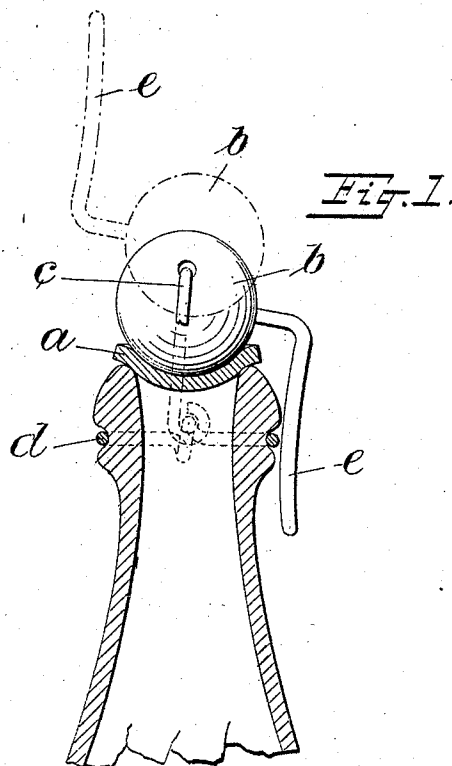
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PATENTED MAR. 20, 1906.

O. W. CARDELL & S. T. BERGSTRÖM.

SEALING DEVICE FOR BOTTLES.

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OLOF WAHLFRID CARDELL AND SVEN THEODOR BERGSTRÖM, OF
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SEALING DEVICE FOR BOTTLES.

No. 815,902.

Specification of Letters Patent.

Patented March 20, 1906.

Application filed June 8, 1905. Serial No. 264,359.

To all whom it may concern:

Be it known that we, OLOF WAHLFRID CARDELL and SVEN THEODOR BERGSTRÖM, subjects of the King of Sweden and Norway, residing at Gothenburg, Sweden, have invented certain new and useful Improvements in Sealing Devices for Bottles; and we 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.

The present invention relates to such a sealing device for bottles in which the sealing part consists of a spherical body or ball pressing against the bottle-mouth, a tightening-disk being placed between said spherical body or ball and the bottle-mouth.

The invention comprises especially the arrangement by which the spherical body or ball is pressed down to sealing position.

Figure 1 on the annexed drawings shows the device in vertical section, and Fig. 2 in front view.

According to Fig. 1, *a* is a disk, of cork or the like, of dimensions sufficiently larger than the bottle-mouth. The disk is laid on loose, so that it completely covers the bottle-mouth. The sphere or ball *b* is then placed upon the disk and pressed down thereon. The pressing down is accomplished by reason of the fact that the ball is eccentrically fastened to

a strap *c*, which is pivoted on a ring *d*, placed around the bottle-neck. The ball *b* is turned by means of a handle *e*, which in the sealing position is turned downward along the bottle-neck. The eccentrically-turnable ball is in the sealing position turned in such a manner that it presses downward on the disk *a*, pressing it all around tight against the bottle edge. The dotted lines in Fig. 1 illustrate how the ball *b*, with the handle *e*, is turned upward, so that the disk *a* may be removed when the bottle is to be opened. If the bottle-mouth is cut so that the ball fits exactly therein, sufficient tightening may be attained without using the tightening-disk *a*.

We claim—

1. A bottle-seal consisting of a spherical body and means for securing said body to the bottle-neck, said body being eccentrically pivoted on said means.

2. A bottle-seal consisting of a disk adapted to be placed on the bottle-mouth, a spherical body adapted to press on said disk, and means for connecting said body to the bottle-neck, the said body being eccentrically pivoted to said means.

In testimony that we claim the foregoing as our invention we have signed our names in presence of two subscribing witnesses.

OLOF WAHLFRID CARDELL,
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Witnesses:

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