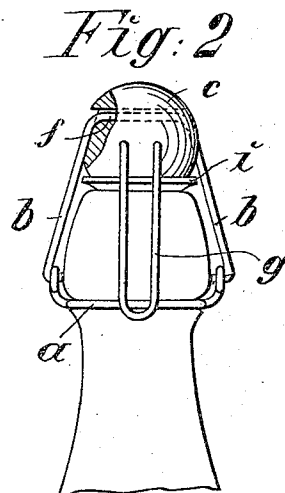
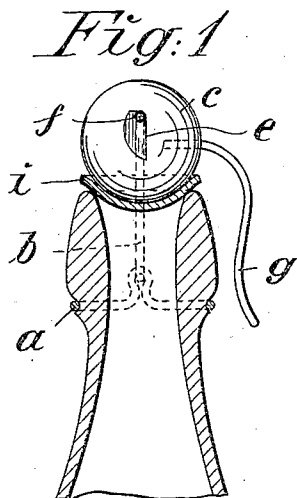


O. CARDELL & S. T. BERGSTRÖM.
 SEALING DEVICE FOR BOTTLES.
 APPLICATION FILED SEPT. 4, 1909.

946,334.

Patented Jan. 11, 1910.



Witnesses,
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UNITED STATES PATENT OFFICE.

OLOF CARDELL AND SVEN THEODOR BERGSTRÖM, OF GOTTENBORG, SWEDEN.

SEALING DEVICE FOR BOTTLES.

946,334.

Specification of Letters Patent.

Patented Jan. 11, 1910.

Application filed September 4, 1909. Serial No. 516,280.

To all whom it may concern:

Be it known that we, OLOF CARDELL and SVEN THEODOR BERGSTRÖM, subjects to the King of Sweden, and residing at Gottenborg, 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 or figures of reference marked thereon, which form a part of this specification.

This invention belongs to that class of sealing devices for bottles, in which the sealing is performed by means of a ball, whereby, if necessary, a piece of cork can be loosely placed between the ball and the opening of the bottle.

The invention has for its object the arrangement of the ball in the most suitable position only by the coöperation of the ball and the strap supporting the same. Previously this was obtained by the handle being pressed against the head of the bottle, whereby the inconvenience arose that the sealing was made different on account of the different sizes of the heads. By the present invention the strap is secured in its position after having passed the dead point only by its pressure against the ball, suitably against projections on the same made by cutting away parts of the ball.

This sealing device has the advantage that the strap partly lies in the ball, which prevents the sealing device from being opened by mistake.

In the accompanying drawings Figure 1 represents a front elevation of a device, embodying our invention, applied to a bottle, the bottle and cork or cap being shown in section: Fig. 2 represents a side elevation of the same, a part of the glass ball being broken away to more clearly show the construction.

To the ring —a— placed around the bottle-neck a wire-strap —b— is connected. The upper horizontal part —f— of the

strap —b— passes an eccentric hole in the ball —c—, so that the ball —c— can be turned around the horizontal part —f— of the strap —b—. In a closed position the side parts of the strap are placed against the abutments —e—, whereby the horizontal part of the strap is placed on the side of the plane through the center of the ball. The abutments —e— are formed by cutting away parts of the ball. The opening of the device is obtained by pulling the handle —g— outwardly, whereby the ball turns around the part of the strap —b—, and is thereby raised from the cork or cap *i* which is fitted upon the mouth of the bottle and held in such position by the action of the ball *c* when in closed position.

The handle can either be rigidly secured to the ball or be used as a loosely arranged key.

Claim:

1. A turnable strap of a bottle sealing device, in combination with a ball eccentrically mounted on said strap and having stops for engaging said strap when the ball has passed the dead point.

2. A turnable strap of a bottle sealing device, in combination with a ball eccentrically mounted on said strap and provided with stops, formed by part of the wall being cut away, said stops engaging said strap at a predetermined point.

3. A turnable strap of a bottle sealing device, in combination with a ball eccentrically mounted on said strap and provided with stops which engage with said strap after said ball has passed the dead point, and convenient means for rotating said ball extending outward and downward a little way from the side of the bottle substantially as set forth.

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

OLOF CARDELL.

SVEN THEODOR BERGSTRÖM.

Witnesses:

E. O. JOHANSAN,

Y. F. PETERSSON.