

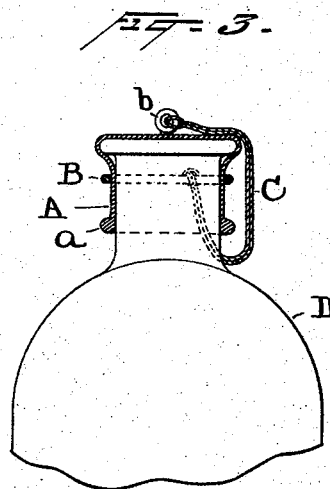
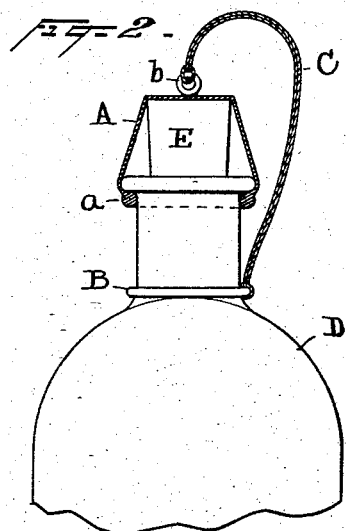
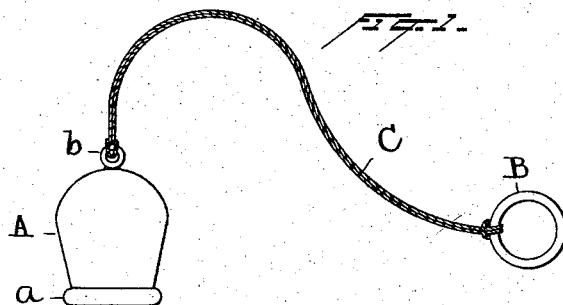
(No Model.)

T. B. BIRNBAUM.

STOPPER OR COVER FOR THE MOUTHS OF BOTTLES.

No. 524,159.

Patented Aug. 7, 1894.



Witnesses
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UNITED STATES PATENT OFFICE.

THEODORE B. BIRNBAUM, OF LONDON, ENGLAND.

STOPPER OR COVER FOR THE MOUTHS OF BOTTLES.

SPECIFICATION forming part of Letters Patent No. 524,159, dated August 7, 1894.

Application filed July 29, 1893. Serial No. 481,860. (No model.)

To all whom it may concern:

Be it known that I, THEODORE B. BIRNBAUM, a subject of the Queen of Great Britain, residing in the city of London, England, have invented a certain new and useful Improvement in Stoppers or Covers for the Mouths of Bottles, of which the following is a specification.

The object of my invention is to provide a covering for the mouths of bottles and the like, which by its form and construction is adapted to be used in connection with bottles or jars of widely varying sizes and shapes, and with or without corks or other stoppers, and in every case to furnish a secure, easily applied and effective air-tight covering. In accomplishing this I make such cap of thin and flexible rubber of uniform thickness throughout, except at its open end where it has a bead or stiffened edge, and having a curved or rounded shape or contour such that it may be stretched over the mouth and neck of bottles and other like vessels having varying sizes and shapes, and is not confined in its use to any special class or style of bottles. I also form integral with the rubber cap at the top thereof a ring, and I attach to this ring a cord of flexible material which terminates in an elastic ring, which ring is adapted to be slipped over the neck of the bottle, so that when the cap is removed the same will not be misplaced or lost. This elastic ring also serves another purpose; that is, when the cap or thimble is employed to cover the mouth of a bottle which is closed by a stopper entirely inserted within the mouth, or when the cap is employed alone; in both cases the cap will extend some distance down the neck of the bottle, and unless the cap is held firmly about the neck of the bottle, close to the rim, it will work upward and fail to fit snugly across the mouth of the bottle. The ring referred to obviates this difficulty since it can be slipped over the cap and adjusted close to the rim of the neck of the bottle.

My invention is illustrated in the accompanying drawings, in which—

Figure 1 is an elevation of a rubber cap embodying my invention. Fig. 2 is an elevation of a bottle with a cork or other stopper inserted in the mouth thereof and my improved cap placed over the same, the cap being shown in section; and Fig. 3 shows my

invention applied to a bottle not having a cork or other stopper.

A is the rubber thimble or cap, B the rubber ring adapted to be placed about the neck of a bottle, and C a string for securing the rubber cap and ring together.

D are bottles or jars of any form or shape. The string C is tied to ring b of rubber formed integrally with the cap A.

Referring to Fig. 2, it will be seen that the bottle D is closed by a cork or other stopper E, and over this stopper and about the mouth of the bottle is stretched the cap A, the thickened or rolled edge *a* adjusting itself about the mouth of the bottle and securing the cap in place. The rubber ring B in this view is shown as stretched about the neck of the bottle, and it will be readily understood that when the cap A is removed the same will be held to the bottle by the rubber ring B and cord C.

In Fig. 3 the cap is shown as covering the mouth and neck of the bottle, it being used either alone or in conjunction with a stopper inserted entirely within the mouth of the bottle. When employing the cap in this way, the rubber ring B also serves to assist in making a tight joint. As shown, the ring is slipped up about the cap A after the same has been stretched over the mouth and neck of the bottle; the ring B thus serving to assist in keeping the cap close about the neck of the bottle. To remove the cap when employed in this way, ring B is first slipped down onto the neck of the bottle.

What I claim is—

A covering for the mouths of bottles and the like, having in combination a continuous body of thin elastic rubber shaped as a cap and normally having a rounded contour, the same being of uniform thickness throughout and having a bead or less flexible edge at its open end, a ring formed integrally with said cap at its closed end, a cord extending from said ring, and an elastic ring attached to said cord, substantially as set forth.

This specification signed and witnessed this 18th day of July, 1893.

THEODORE B. BIRNBAUM.

Witnesses:

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