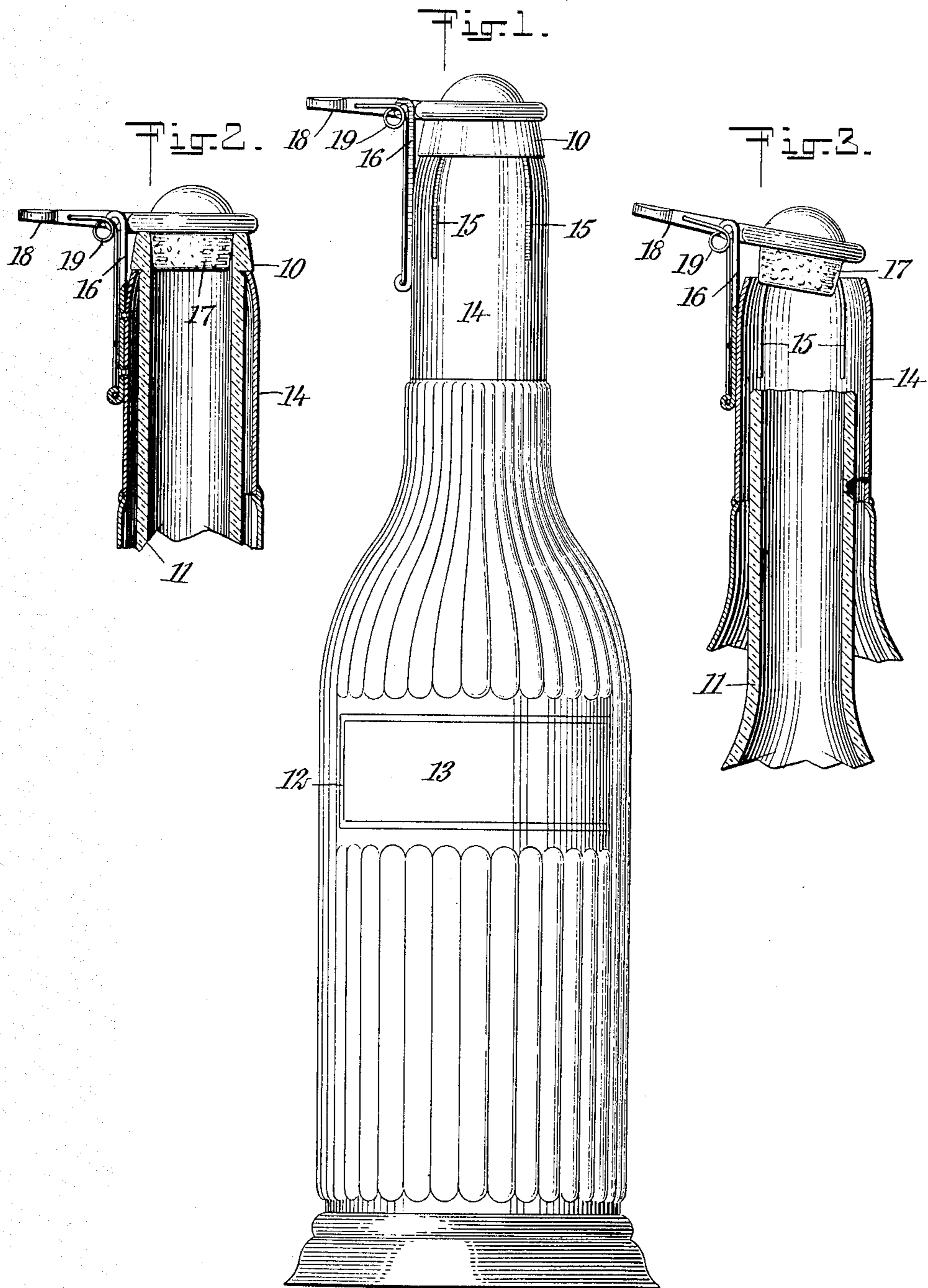


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BOTTLE CASING AND CLOSURE.
APPLICATION FILED JUNE 6, 1908.

916,815.

Patented Mar. 30, 1909.



WITNESSES
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UNITED STATES PATENT OFFICE.

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BOTTLE CASING AND CLOSURE.

No. 916,815.

Specification of Letters Patent.

Patented March 30, 1909.

Application filed June 6, 1908. Serial No. 437,123.

To all whom it may concern:

Be it known that I, DAVID ARTHUR WILLIAMS, a citizen of the United States, and a resident of Represa, in the county of Sacramento and State of California, have invented a new and Improved Bottle Casing and Closure, of which the following is a full, clear, and exact description.

This invention relates to certain improvements in bottles for catchup and the like, and consists in a construction whereby the bottle is protected and concealed by an ornamental casing, and whereby the casing cannot be removed without disfiguring it or breaking the bottle. The casing carries a closure for the bottle to take the place of the cork which is removed at the time the bottle is inserted within its casing.

Reference is to be had to the accompanying drawings, forming a part of this specification, in which similar characters of reference indicate corresponding parts in all the figures, and in which—

Figure 1 is a side elevation of a bottle constructed in accordance with my invention; Fig. 2 is a longitudinal section through a portion of the bottle neck and closure; and Fig. 3 is a vertical section through the parts shown in Fig. 2, a portion of the bottle neck being broken away to permit of its removal from the casing.

My invention is adaptable for use on any suitable form of bottle, the only essential feature of the bottle being a shoulder or flange 10, adjacent the mouth of the bottle and at the end of the neck 11 thereof. The body of the bottle is concealed within a casing 12, preferably corrugated or fluted longitudinally thereof and having an open bottom. The casing may have any suitable ornamental form, and may, if desired, be provided with a flattened space 13 for a label. The casing is preferably formed of aluminum, but may be formed of any suitable sheet metal, and the neck of the casing is so formed as to engage beneath the shoulder 10. As shown, the neck 14 of the casing is formed of a tube brazed or soldered to the body of the casing, said tube being preferably of spring steel and having a plurality of slots 15 extending downwardly from the open end thereof. The portion of the tube intermediate the slots, is curved inwardly and is resiliently held in engagement with the neck of the bottle. The tube 14 forming

the neck of the casing, carries a metal plate 16, riveted thereto and extending upwardly therefrom, the upper end of said plate serving as a fulcrum or pivot for the closure.

The closure includes a cork or other stopper 17, adapted to enter within the mouth of the bottle, and rigidly connected thereto is a suitable handle 18 pivoted to the upper end of the plate 16 and adapted when depressed to raise the stopper out of the bottle mouth. A suitable spring 19 normally holds the stopper in position.

In the use of my improved device, the cork is first pulled from the bottle and the bottle is inserted into the lower end of the casing and forced upward until the shoulder 10 passes beyond the end of the tube 14 and the portions between the slots 15 spring into place beneath the shoulder. The bottle cannot then be withdrawn, except by bending outwardly the upper end of the tube, which would necessarily disfigure the tube and enable a person to detect the fact that the bottle had been tampered with. When the bottle is empty, the upper end of the bottle neck may be broken off and the bottle then removed.

By the use of my improved casing, the bottle may be made of cheap material, as the imperfections will be concealed by the casing. The casing, particularly if corrugated or fluted longitudinally, protects the bottle during shipment, and the upper end of the casing terminating below the mouth of the body, leaves a small surface or lip over which the fluid may be poured from the bottle.

Having thus described my invention, I claim as new and desire to secure by Letters Patent:

1. A bottle casing having a neck portion adapted to encircle the neck of a bottle, said casing neck having a plurality of slots extending downwardly from its open end and having the portions intermediate said slots adapted to resiliently engage with a bottle to retain the casing in engagement with the bottle, a closure support secured to said casing neck and extending upwardly therefrom, and a closure pivoted to the upper end of said support.

2. In combination, a bottle having a shoulder adjacent the neck thereof, a casing corrugated or fluted longitudinally thereof and having a neck portion encircling the neck of said bottle, said casing neck having a plu-

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ality of slots extending inwardly from its open end and having the portions intermediate said slots in resilient engagement with said bottle beneath said shoulder, a plate secured to said casing neck, and a closure pivoted to the upper end of said plate.

In testimony whereof I have signed my

name to this specification in the presence of two subscribing witnesses.

DAVID ARTHUR WILLIAMS.

Witnesses:

EDWARD LENTZ,

JOHN FREDERICK TREBILCOX.