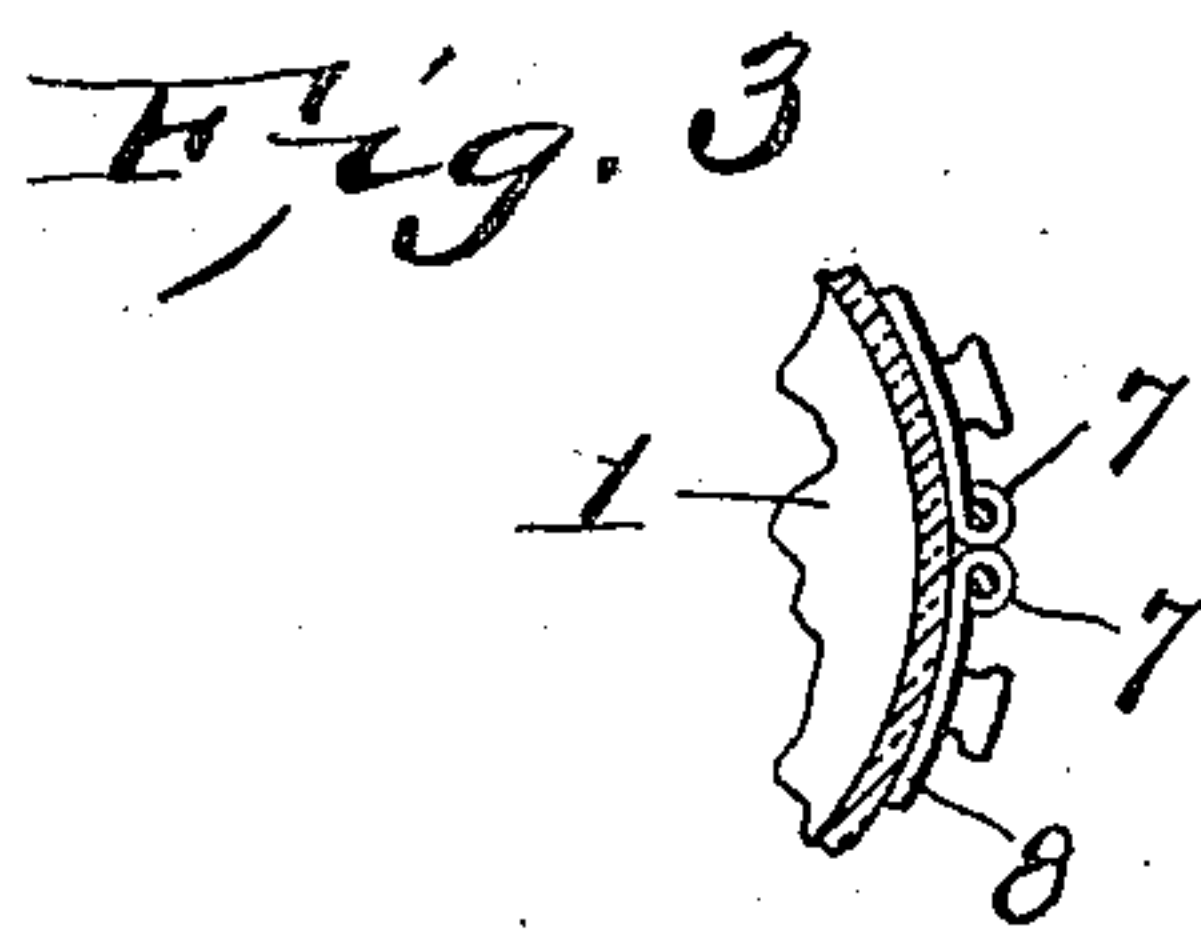
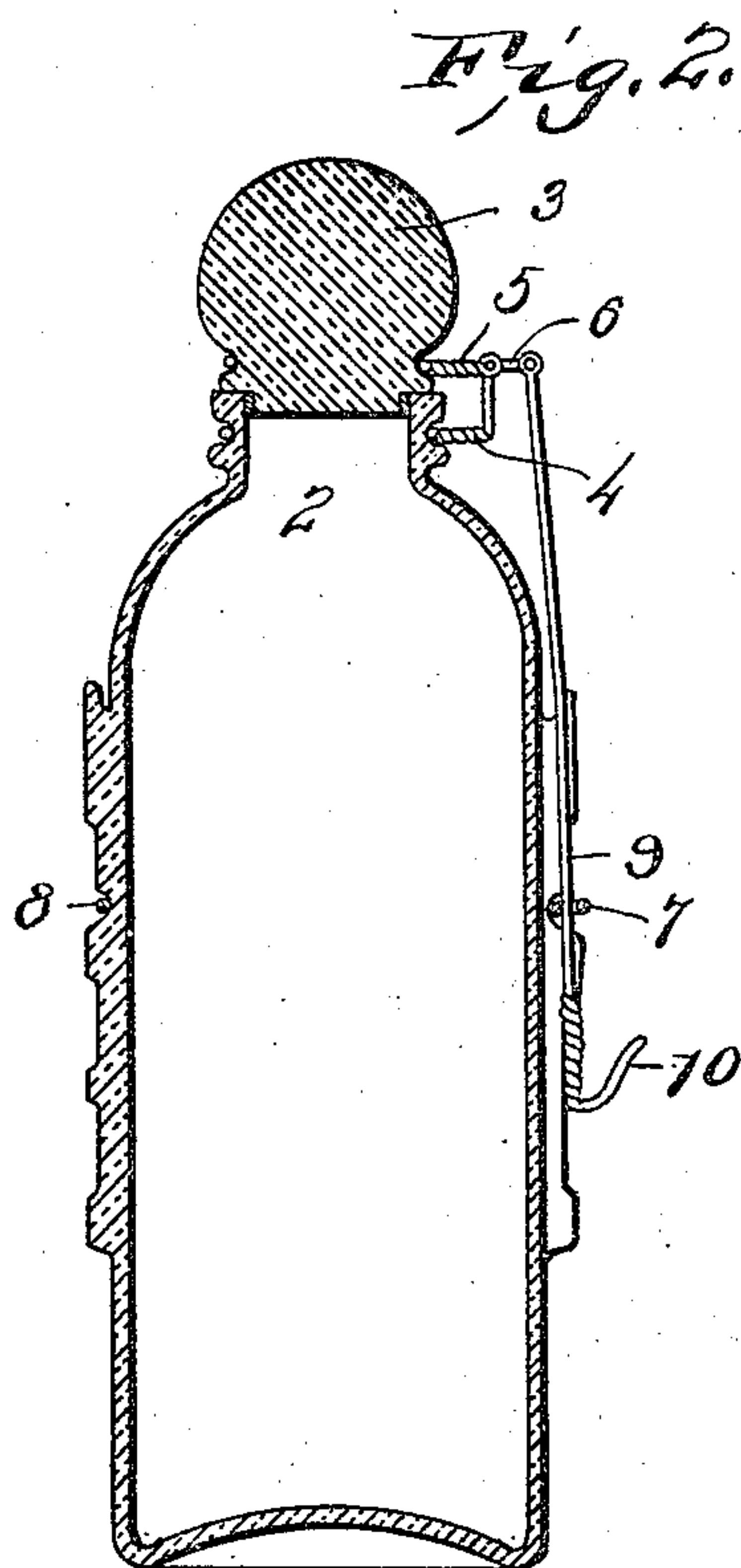
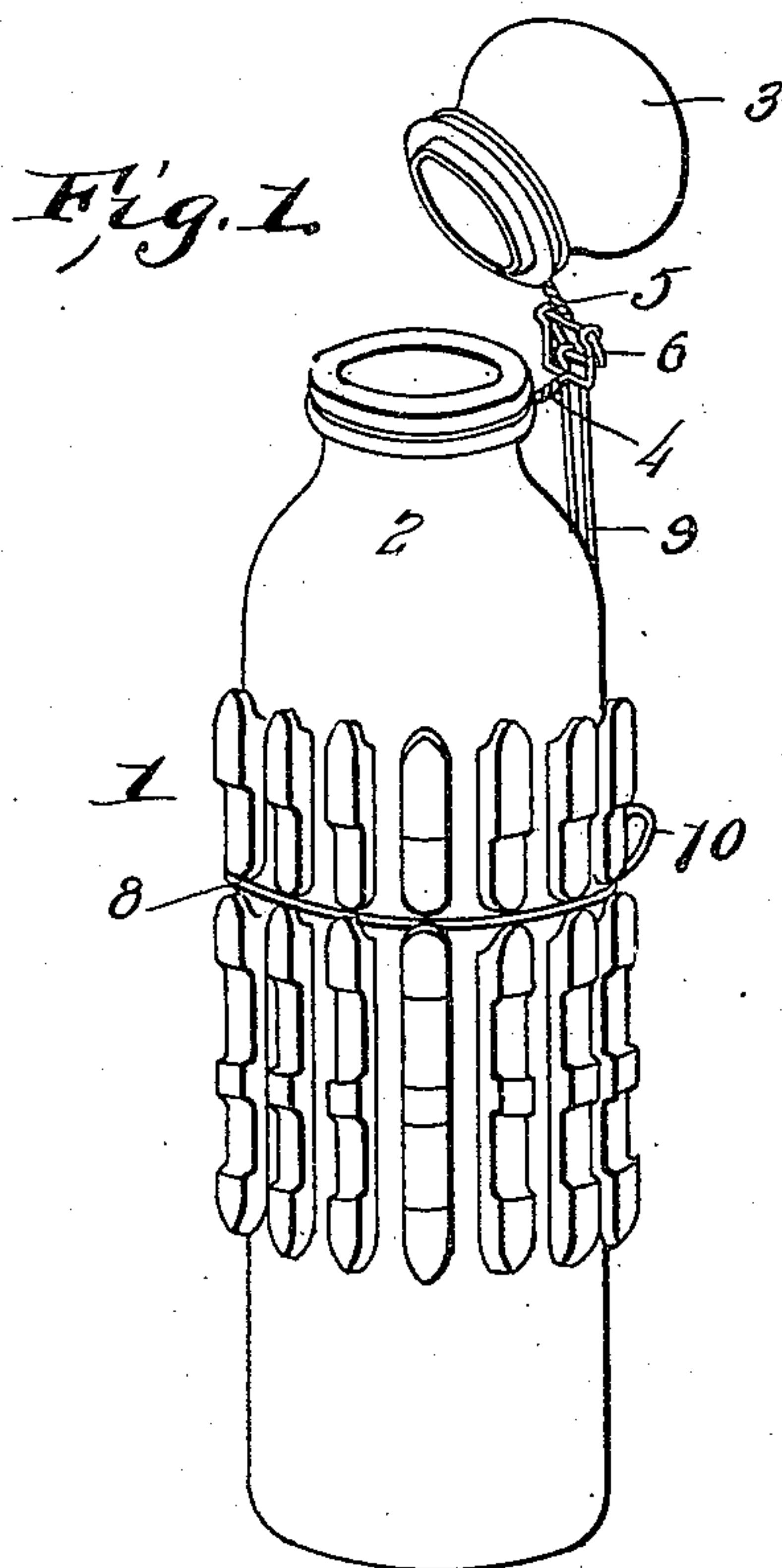


No. 848,521.

PATENTED MAR. 26, 1907.

W. R. WARNER.
BOTTLE CLOSURE.
APPLICATION FILED NOV. 21, 1906.



Inventor

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WILLIAM RUSSELL WARNER, OF VERGENNES, VERMONT.

BOTTLE-CLOSURE.

No. 848,521.

Specification of Letters Patent.

Patented March 26, 1907.

Application filed November 21, 1906. Serial No. 344,457.

To all whom it may concern:

Be it known that I, WILLIAM RUSSELL WARNER, a citizen of the United States, and a resident of Vergennes, in the county of Addison and State of Vermont, have invented certain new and useful Improvements in Bottle-Closures; and I do hereby declare the following to be a full and clear description thereof.

My invention relates to bottles or the like for containing syrup or other fluids.

A principal object is to provide means whereby the cover of the bottle may be raised to allow the fluid to be poured out of the bottle without the operator having to grasp the cover. The top may be raised, if desired, by the fingers of the same hand that grasps the bottle near the middle. A bottle embodying these features is particularly adapted to use, for instance, at soda fountains, where a number of bottles are usually provided containing sticky fluids and the attendant is obliged to handle these many bottles frequently.

In the accompanying drawings an exemplifying structure embodying the invention is shown, in which—

Figure 1 is a perspective view of the complete bottle with the cover raised; Fig. 2, a vertical section, and Fig. 3 a fragmentary transverse section.

Reference-numeral 1 designates the bottle as a whole, which may be of any desired shape; 2, the neck; 3, a cover or cap for closing the bottle, which may be of any desired style; the top illustrated is simply the style frequently used at soda-fountains and need not be adhered to; 4, a bracket carried by the bottle; 5, a hinge member carried by the

cap and pivoted on the bracket 4; 6, an extension of member 5; 7, guides located on the body of the bottle and held in place in any convenient way, in the present instance by band 8 encircling the bottle; 9, a link or pull-down running in the guides 7 and connected to the extension 6, and 10 a hook or other convenient grasping member provided on the pull-down.

The parts described constitute means for opening the bottle without grasping the cover. The operator may grasp the bottle near the middle and with either finger or thumb of either hand may pull down the hook 10, whereupon the cover will be raised to the position shown in Fig. 1. Liquid may then be poured out, the hook released, the cover will then return to its position by gravity, and the bottle may be returned to its place, the whole operation being very quickly accomplished.

I claim—

The combination of a bottle, a closure therefor, a hinge pivotally connecting the closure to the bottle, an arm forming a continuation of the hinge member connected to the closure, a link connected to said arm, a guide for the link secured to the bottle near the center, and a hook on the link below the guide whereby the link may be pulled longitudinally of the bottle by one of the fingers of the hand grasping the bottle to open the closure.

In testimony whereof I have affixed my signature in the presence of two witnesses.

WILLIAM RUSSELL WARNER.

Witnesses:

C. A. HOFFNAGLE,
R. P. BRIGGS.