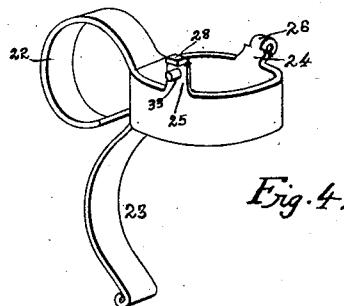
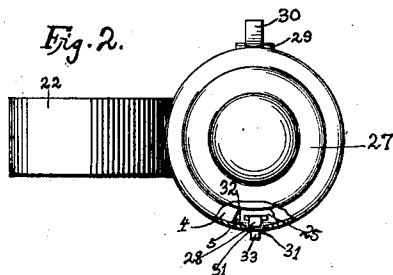
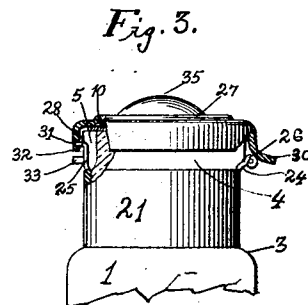
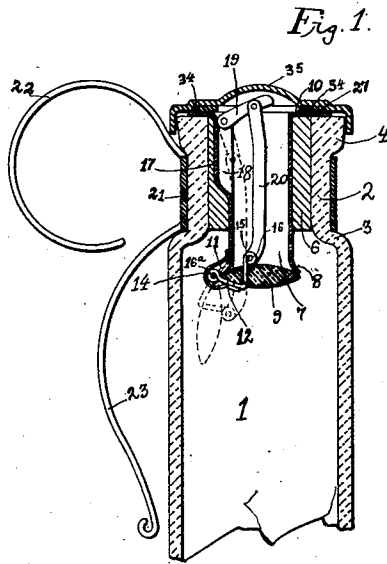


L. W. ASCHEMEIER.
BOTTLE CLOSURE AND SUPPORTING DEVICE.
APPLICATION FILED MAR. 25, 1909.

997,945.

Patented July 18, 1911.



Witnesses
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UNITED STATES PATENT OFFICE

LUTHER WESLEY ASCHEMEIER, OF BALTIMORE, MARYLAND.

BOTTLE CLOSURE AND SUPPORTING DEVICE.

997,945.

Specification of Letters Patent.

Patented July 18, 1911.

Application filed March 25, 1909. Serial No. 485,852.

To all whom it may concern:

Be it known that I, LUTHER WESLEY ASCHEMEIER, a citizen of the United States, residing in the city of Baltimore, State of Maryland, have invented a new and useful Bottle Closure and Supporting Device, of which the following is a specification.

This invention relates to portable ink bottles and bottle closures and supporting means, and has for one object to provide a small receptacle for ink containing a valved closure within the neck of the bottle, more clearly specified and described in my application filed November 3, 1908, portable ink bottles, Serial Number 460,819.

Another object of this invention is to provide a hinged cover or cap for the mouth of the bottle which will completely close the same and provide additional means for preventing the escape of ink or other substance during transportation or should the bottle be violently shaken or overturned.

A further object of the invention is to produce an ink bottle capable of being carried safely from place to place in a coat or vest pocket, or otherwise, occupying but little space and having means for suspending it from the finger, coat, or vest pocket, or a buttonhole.

With these and other objects in view the invention consists of the novel construction, combination and arrangements of parts hereinafter described and claimed and illustrated in the accompanying drawing, in which—

Figure 1 is a vertical sectional view of the upper part of a bottle with my improvements applied; Fig. 2, a top plan view of the same, a portion being broken away; Fig. 3, an elevation of the neck of a bottle provided with my device with portions broken away to more clearly illustrate the invention; Fig. 4, a perspective view of the bottle supporting device.

Similar reference characters are used for the same parts in all the figures.

In the drawing, 1 indicates a bottle of any suitable construction but preferably of the shape shown with a cylindrical neck 2 rising from a shoulder 3 on the bottle and terminating with an exterior flange 4 at its mouth; the flange and neck for a short distance below the mouth of the bottle are indented or recessed at 5 for a purpose hereinafter described. The exterior cover 27 is cup shaped, the flange of which extends down-

wardly over the bottle flange 4 and has at one side a hinge member 29 to be connected by a pin with the eye 26 of the tongue 24. A finger 30 projects beyond the cover hinge to serve as a stop for the cover when raised and limit its movement. Diametrically opposite the cover hinge the cover flange is provided with a slot 31 and a rib 32 below it with which the spring catch or hook 28 engages to hold the cover closed. A button 33 is fastened on said spring catch for convenience in disengaging it from the cover. A recess 5 is provided as hereinbefore specified so that the tongue 25 and catch 28 may be pressed inwardly for the purpose of disengaging the hook 28 from the cover. The top of the cover 27 is recessed on the under side to form a seat for a packing ring 34 which bears on the flange 10 of the passage-way 7 when the cover is closed. The central part 35 of the cover is raised to afford room for the end of the lever 19 and prevent same from being depressed and opening the valve 9 during transportation.

My improvements are intended primarily for attachment to portable ink bottles used by stenographers, statistical collectors and others, but may, however, be used for any adaptable purpose, and for the purpose of conveniently holding or carrying such portable bottles some suitable means must be employed. For carrying out this part of the invention, I place a metal band 21 around the neck of the bottle between the shoulder 3 and flange 4 and attach thereto at its upper edge a substantially circular ring 22 adapted to fit over the forefinger, and on the lower edge a downwardly curved plate 23 capable of hooking over the pocket of a coat or vest or in a buttonhole of either garment. Besides the ring 22 and the plate 23 the band is also provided on its upper edge with two diametrically disposed tongues 24 and 25, the former tongue 24 having an eye 26 at its terminal end to which an exterior cover 27 is hinged. The other tongue 25 is resilient and has its end bent outwardly at a right angle to form a hook 28 for retaining the exterior cover in closed position. The band 21, ring 22, curved plate 23 and tongues 24 and 25 may be made integral and stamped out of spring metal and afterward bent into shape, securing the band on the bottle neck by solder, rivets or screws. These parts may, however, be made separate and connected together in any desired manner.

Constructed as above described, a simple, safe and convenient bottle closure, finger supporting ring and suspending supporting hook are produced that will be an acquisition to all such as are compelled to carry ink with them in their business, or who have use for bottles to which my improvements may be adapted. Whether on the finger or suspended on a garment the bottle is in a convenient position and always sealed except at the immediate time when filling the pen.

Having thus described my invention, I claim:

1. An ink bottle provided with a valved passageway in its neck, a band surrounding said neck and having attached thereto supporting means for the ink bottle and an outer closure hinged to said band.

2. An ink bottle having a band encircling its neck provided with a holding ring on its upper edge and a suspending hook on its lower edge, a closure for the bottle pivoted to a lug on said band and a catch also attached to the band for holding the closure over the mouth of the bottle.

3. An ink bottle having a band encircling its neck provided with a holding ring on its upper edge and a suspending hook on its lower edge, a closure for the bottle pivoted to a lug on said band, a spring catch also attached to the band for holding the closure over the mouth of the bottle, and a button fastened on said spring for convenience in disengaging the catch from the cover.

4. An ink bottle having a band encircling its neck provided with a finger holding ring on its upper edge, a curved plate forming a suspending hook on its lower edge, a hinge member and a diametrically opposite catch projecting upwardly from said band, a button for disengaging the cover from said catch, and a closure for said bottle pivoted to said hinge member and having a notch adapted to engage the catch on the band and hold the closure over the mouth of the bottle.

L. WESLEY ASCHEMEIER.

Witnesses:

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