(No Model.)

O. J. MOUSSETTE.

NON-REFILLABLE BOTTLE.

No. 589,741. Patented Sept. 7, 1897.

Fig. 1.

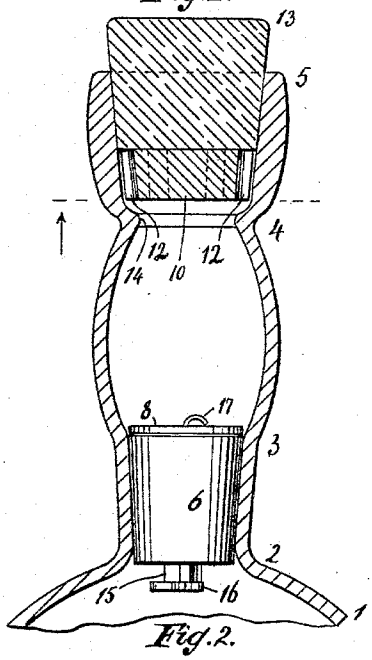


Fig. 2.

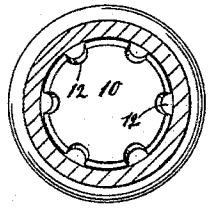


Fig. 3.

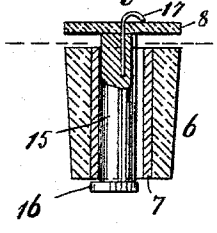


Fig. 4.

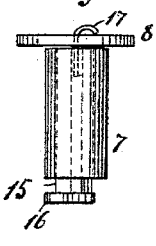
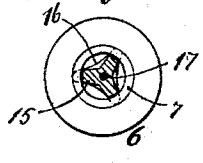


Fig. 5.



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UNITED STATES PATENT OFFICE.

OLIVER J. MOUSSETTE, OF BROOKLYN, NEW YORK.

NON-REFILLABLE BOTTLE.

SPECIFICATION forming part of Letters Patent No. 589,741, dated September 7, 1897.

Application filed November 19, 1896. Serial No. 612,755. (No model.)

To all whom it may concern:

Be it known that I, OLIVER J. MOUSSETTE, a citizen of the United States, residing at Brooklyn, in the county of Kings and State of New York, have invented new and useful Improvements in Non-Refillable Bottles, of which the following is a specification.

The object of this invention is to simplify the construction, as also to add to the security of bottles intended to prevent refilling; and the invention resides in the novel features of construction set forth in the following specification and claim and illustrated in the annexed drawings, in which—

Figure 1 is a sectional elevation of a bottle. Fig. 2 is an inverted plan view of the guard. Fig. 3 is a sectional elevation of the stopper. Fig. 4 shows details of Fig. 3, and Fig. 5 shows a sectional view of the valve-stem of Fig. 3.

The bottle 1 is shown with a neck 2 3 4 5. The neck part 2 3 is tapered or adapted for seating a cork 6. This cork is perforated and at the perforation is provided with a rigid lining 7, such as a glass tube, for giving the cork 6 proper rigidity or resistance to compression or collapse.

Into the mouth part 4 5 is sealed or permanently secured a guard 10, having circumferential passages 12. While being shipped or out of use, the bottle can be closed by a cork or stopper 13, inserted into mouth part 5. A wire or tool seeking passage through an opening 12 will be deflected or turned aside by the indented neck portion 4 or by the baffling bead or portion 14 in the neck.

The cork 6 is shown with the perforation and lining 7 extended entirely therethrough, and a closing valve or disk or top 8 is secured to valve-stem 15. This stem is angular or non-circular or so shaped as not to fill or stop the passage through lining 7. A spider or fastening 16 prevents the stem 15 slipping out of the cork and from passing toward mouth 5, and the stem has a certain longitudinal play to allow the top or valve 8 to pass from and to cork 6, or, in other words, to open and close. By casting the stem 15, for example, of glass and casting a piece of wire or like fastening 17 in the stem the top 8 can be readily secured to the stem by such fastening. As the bottle is properly tilted or upset the top 8 passes away from cork 6 to let the contents flow from the bottle past the spider 16 and stem 15 through the perforated cork. The neck portion 3 4 is bulged or bellied to receive or arrest the end of a wire or tool deflected thereagainst by the bead 14, to which lead the guard-passages 12, and such bellied or enlarged portion 3 4 also allows the cork 6 to be readily passed to its seat and gives play-room for valve 8, so that the latter will not catch or strike against the neck.

Having thus described my invention, what I claim is—

A non-refillable bottle having its neck formed with a tapering cork-seating portion, a bulged portion above the cork-seating portion, a contraction or baffling-bead above the bulged portion, a guard secured above and having passages made to lead to the bead, and a perforated cork at said cork-seating portion, said cork having a rigid lining for said perforation, a closing-disk, and an angular retaining-stem for the closing-disk extended through the perforation, substantially as described.

In testimony whereof I have hereunto set my hand in the presence of two subscribing witnesses.

OLIVER J. MOUSSETTE.

Witnesses:
WM. C. HAUFF,
CHAS. E. POENSGEN.