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H. B. STUDLEY.

ATTACHMENT FOR BOTTLES.

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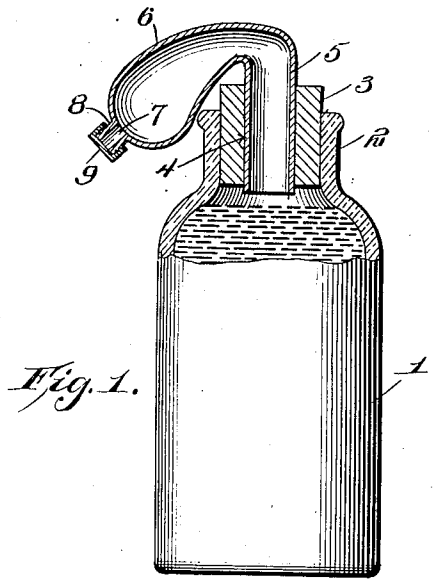
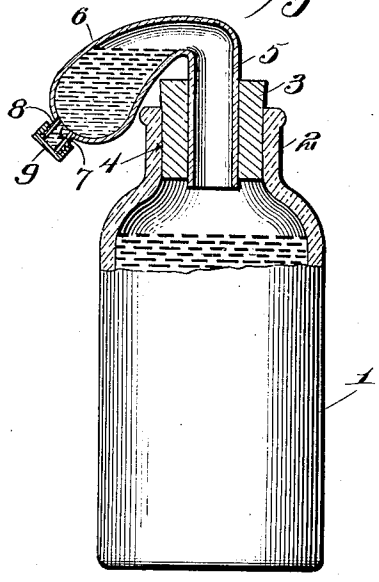



Fig. 1.

Fig. 2.




Witnesses

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# UNITED STATES PATENT OFFICE.

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## ATTACHMENT FOR BOTTLES.

No. 820,679. Specification of Letters Patent. Patented May 15, 1906.

Application filed November 11, 1905. Serial No. 286,882.

*To all whom it may concern:*

Be it known that I, HERVEY BENNETT STUDLEY, a citizen of the United States, residing at Corona, in the county of Queens and State of New York, have invented certain new and useful Improvements in Attachments for Bottles; and I do hereby declare the following to be a full, clear, and exact description of the invention, such as will enable others skilled in the art to which it appertains to make and use the same.

My invention relates to attachments for medicine-bottles and the like; and its object is to provide a combined closure and measuring device whereby a predetermined quantity of the contents of the bottle can be removed.

A still further object is to provide an attachment of this character which will fit tightly within the neck of the bottle and which is adapted for use in connection with bottles of different sizes.

Another object is to provide a device of this character which can be readily cleaned.

The invention consists of a cork or other similar stopper having an opening therethrough in which is detachably seated a tubular neck which extends from one end of a bulb which constitutes the measuring device. The bulb and neck are so disposed in relation to each other that when the neck is inserted into the cork from the outer end thereof the bulb will overhang the bottle-neck and retain any liquid which may be poured thereinto. An opening is formed in the bulb and is normally closed by a cap. By providing this opening a brush, &c., can be readily inserted into the bulb for cleaning it.

The invention also consists in further novel construction and combination of parts hereinafter more fully described and claimed.

In the accompanying drawings, I have shown the preferred form of my invention.

In said drawings, Figure 1 is a view, partly in section and partly in elevation, of a bottle having my improved measuring-closure therein, and Fig. 2 is a similar view showing the position assumed by a liquid measured within the attachment.

Referring to the figures by numerals of reference, 1 is a bottle, the neck 2 of which is adapted to receive a stopper 3, formed of cork or other similar material, and this stopper has a passage 4 therethrough, which is adapted to receive a tubular neck 5, formed at one end of a bulb 6, which is preferably substantially egg-shaped and is adapted to overhang the neck 2 when the parts are in position within the bottle. An opening 7 is formed in the butt of the bulb and is surrounded by a threaded flange 8, adapted to be engaged by a screw-cap 9.

The attachment normally assumes the position shown in Fig. 1, and when it is desired to remove a predetermined amount of the contents of the bottle said bottle is placed in an inclined or horizontal position with the bulb 6 downward, and the liquid will flow through the neck 5 and into the bulb. As soon as the bulb has been filled the bottle is returned to its upright position, and the liquid within the bulb will assume the position shown in Fig. 2. The neck 5 can then be withdrawn from the stopper 3 and the bulb and neck inverted, after which the neck can be placed in the mouth of the patient and the contents of the bulb discharged.

I attach considerable importance to the fact that the neck 5 is mounted within a passage extending through a resilient stopper, and stoppers of different sizes may be utilized, so that the attachment can be employed in connection with bottle-necks of different diameters. The bulb 6 may be constructed to hold any desired quantity of liquid, such as a teaspoonful, tablespoonful, &c. Should it be desired to clean the bulb, the screw-cap can be removed and a brush inserted through the opening 7.

The entire attachment is very compact and can be readily connected to a bottle adapted to be carried within a pocket. The inconvenience of carrying a spoon is therefore overcome, and besides it is more conven-

ient to take medicine by using this attachment, as the liquid will not flow over the sides of the bottle or of the bulb, and the interior of the bulb is protected at all times from dust, &c.

Having thus fully described my invention, what I claim as new, and desire to secure by Letters Patent, is—

A measuring attachment for bottles comprising a bulb having an opening at one end, a screw-cap normally closing the opening, and a tubular neck integral with the bulb and extending from the other end thereof at an acute angle thereto.

In testimony whereof I have signed my name to this specification in the presence of two subscribing witnesses.

HERVEY BENNETT STUDLEY.

Witnesses:
W. J. HAMILTON,
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