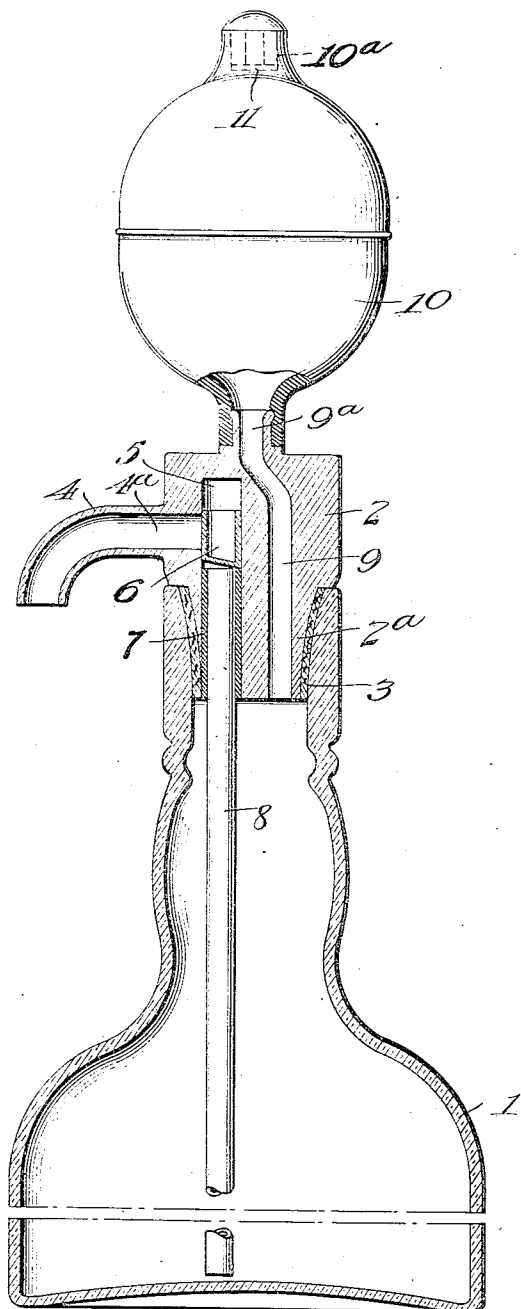


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BOTTLE ATTACHMENT.  
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1,042,705.

Patented Oct. 29, 1912.



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Witnesses

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# UNITED STATES PATENT OFFICE.

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## BOTTLE ATTACHMENT.

1,042,705.

Specification of Letters Patent.

Patented Oct. 29, 1912.

Application filed April 22, 1912. Serial No. 692,415.

*To all whom it may concern:*

Be it known that I, RALPH McCONNELL, a citizen of the United States, residing at Barton Heights, Virginia, have invented certain new and useful Improvements in Bottle Attachments, of which the following is a specification.

My invention relates to improvements in bottle attachments, and is designed for use more especially in connection with whisky bottles and the like, the object being to provide a device which may be applied to the ordinary whisky bottle as standing upon the counter, and which may be conveniently operated by the bartender to deliver the requisite quantity of liquid for a single drink without requiring the bottle to be handled and uncorked, while at the same time the bottle is always normally sealed to the outer air.

The invention includes the novel features of construction and combination and arrangement of parts hereinafter described and particularly defined by the appended claims.

The invention is illustrated in the accompanying drawing in which the figure represents a sectional elevation of the attachment as applied to a bottle, also shown in section.

Referring by reference characters to this drawing, the numeral 1 represents an ordinary bottle and 2 a head or member having a tapered portion 2<sup>a</sup> designed to fit the mouth of the bottle which is preferably provided with an annular packing of cork or like material indicated at 3 for effecting a tight joint. The part 2 is preferably made by casting from any suitable material, and is provided with an integral spout 4 which communicates with a vertical passage 5 closed at its upper end and open at its lower end. Within this passage 5 is located a gravity valve member 6 which, under normal conditions, is designed to rest in the position shown in the figure, in which position it closes the passage 4<sup>a</sup> of the spout,

resting in this position upon the packing flange or gasket 7. This packing or gasket 7 is removable to permit the insertion and removal of the valve 6, and it serves to retain with a tight joint the upper end of a glass tube 8, which depends into close proximity to the bottom of the bottle 1. Through the body 2 and its tapered portion extends another passage 9, said body 2 being provided at its upper end with a nipple also integral, and indicated at 9<sup>a</sup>, to which is secured the lower end of the bulb 10, which is provided at a suitable point as, for instance, at its upper end, with an inlet opening 10<sup>a</sup> provided with a check valve 11.

The operation of my invention as above described will be apparent.

Under normal conditions the contents of the bottle will be sealed to the outer air, but when it is desired to deliver a determined quantity of liquid from the bottle, it is only necessary that the bulb be collapsed by hand, when the air contained in the bulb will pass into the bottle, creating pressure upon the surface of liquid therein, and this causes the liquid to rise through the tube 8 to lift the valve 6 and flow into the chamber held beneath the spout.

Having thus described my invention what I claim is:

1. An attachment for bottles for the purpose described, comprising a head having a passage leading through the same, and a second passage therein closed at its upper end and having a lateral delivery spout communicating with said passage below the upper end thereof, a vertically moving gravity valve in said second passage normally resting across the delivery spout, and liftable by the passage of fluid into the upper end of said second passage, a delivery tube depending from said second passage, and means for forcing air into the first passage, substantially as described.

2. An attachment for bottles for the purpose described, comprising a head having a passage leading through the same, and a sec-

2  
ond passage therein closed at its upper end  
and having a lateral delivery spout, a ver-  
tically moving gravity valve in said second  
passage, and a packing ring or gasket in  
5 the lower portion of said second passage  
serving as a seat for said gravity valve, a  
delivery tube having its upper end held by  
said packing ring or gasket, and air forcing

means for forcing the air through the first  
named passage, substantially as described. 10.

In testimony whereof, I affix my signature  
in presence of two witnesses.

RALPH McCONNELL.

Witnesses:

GEO. B. TURNER,  
EDITH M. CLEMENS.