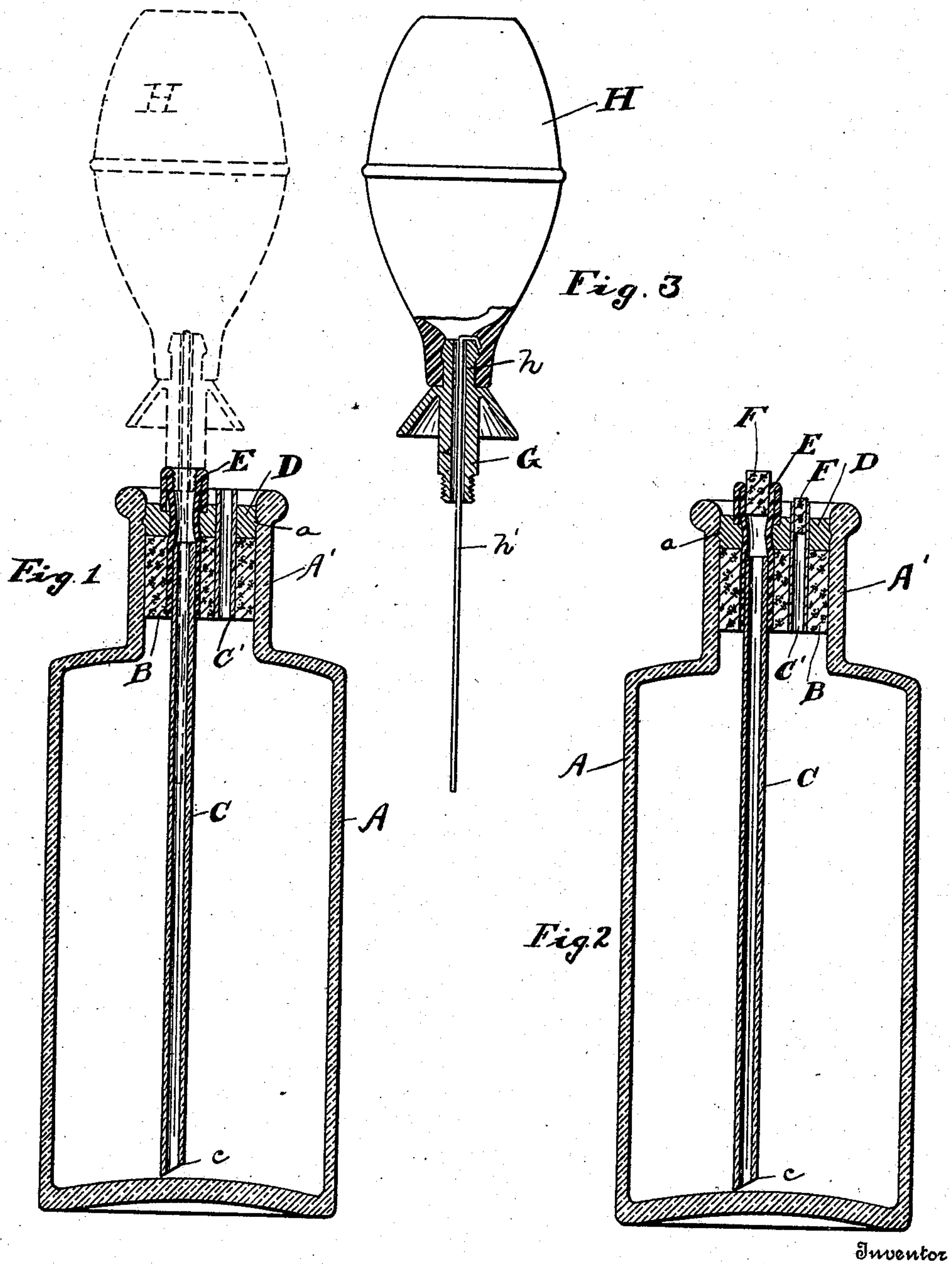


No. 881,886.

PATENTED MAR. 10, 1908.

A. J. FARMER.
BOTTLE.

APPLICATION FILED NOV. 7, 1907.



Inventor

Arthur J. Farmer

Witnesses

P. H. Shoemaker
Grace E. Wynkoop.

By

J. B. Thomas

Attorney

UNITED STATES PATENT OFFICE.

ARTHUR J. FARMER, OF DETROIT, MICHIGAN.

BOTTLE.

No. 881,886.

Specification of Letters Patent.

Patented March 10, 1908.

Original application filed June 17, 1907, Serial No. 372,321. Divided and this application filed November 7, 1907.
Serial No. 401,134.

To all whom it may concern:

Be it known that I, ARTHUR J. FARMER, citizen of the United States, residing at Detroit, county of Wayne, State of Michigan, have invented a certain new and useful Improvement in Bottles, and declare the following to be a full, clear, and exact description of the same, such as will enable others skilled in the art to which it pertains to make and use the same, reference being had to the accompanying drawings, which form a part of this specification.

My invention relates to an improvement in bottles and the object of this invention is to construct a container for certain toilet or medicinal preparations the fluid contents of which may only be extracted upon the application of an especially constructed comb or other instrument designed with that object in view:—the latter being the subject of a separate application for patent.

The public is thus protected against accidental loss due to spilling the contents of the bottle and is also assured of the use of a particular toilet preparation which can only be extracted by an instrument especially adapted for that purpose and for applying the fluid.

In the drawings: Figure 1 is a vertical section through the bottle showing, in dotted lines, the comb bulb in position for extracting the preparation. Fig. 2 is a vertical section through the bottle showing the stoppers inserted in the nipple and air vent. Fig. 3 is an elevation, with parts in section, of the fluid extracting device used in connection with the bottle.

Referring now to the letters of reference shown on the drawings: A indicates a bottle, and A' its neck.

B is a cork forced into the neck of the bottle until lodged below the top of the neck.

C is a tube, preferably of glass, supported in the cork extending from a point below the top of the cork to the bottom of the bottle at which point it is cut on an angle *c* so as to provide a free inlet for the contents of the container.

C' is a tube serving as an air vent opening through the cork etc., being preferably located adjacent to the tube C.

D is a seal of wax or cement covering the cork, the neck of the bottle being provided at this point with a groove or depression *a* to receive the wax or cement in order to break

joints between the cork and neck of the bottle and also to insure against the removal of the cork without it being evident that the seal had been tampered with.

E is a nipple preferably of rubber tubing set over the end of the tube C, its upper end being turned back upon itself to present a finished appearance, the end of the reversed portion being embedded in the wax seal.

F, F are stoppers to close the opening in the nipple and air vent.

G is the nozzle of a fountain comb, H is a rubber bulb mounted on the projecting nipple *h*, and *h'* is a guide rod projecting from the end of the nozzle.

I will now describe the operation of the device:—When it is desired to extract the contents of the bottle, the nozzle of the comb (or other similar device) is inserted in the rubber nipple E of the bottle which forms an air tight joint therewith. The bulb of the comb having been first collapsed, it is permitted to assume its normal shape, which action draws the fluid from the bottle into the bulb of the comb.

The contents of the bottle cannot be extracted even though inverted, without employing in connection therewith an especially designed device for that purpose, as will be readily understood.

This case is a divisional application of the case filed by me on June 17, 1907, Serial No. 372,321.

Having thus described my invention, what I claim is:

1. In a bottle, a tube extending the length of the bottle, a cork for supporting said tube, said cork provided with an air vent, and means for connecting said tube with a suction device, substantially as described.

2. In a bottle, a tube extending the length of the bottle, a cork lodged in the neck of the bottle and adapted to engage the end of the tube, the neck of the bottle formed with a depression or groove on its inner wall above the cork to receive the extending edge of a suitable seal, and the seal, substantially as described.

3. In a bottle, a tube extending the length of the bottle, a cork lodged in the neck of the bottle to support the tube and close the aperture surrounding the tube between it and the neck of the bottle, and a rubber nipple mounted on the end of the tube adapted to receive the end of a suction nozzle.

4. In a bottle, a tube extending the length
of the bottle, a cork lodged in the neck of the
bottle in which the tube is supported, a seal
above the cork, an air vent tube extending
5 through the cork and seal, and suitable
stoppers to close the ends of both tubes.

5. In a bottle, an open tube extending the
length of the bottle, a cork lodged in the neck
of the bottle in which the tube is supported,
10 a seal above the cork, and a projecting rubber

nipple mounted above the seal, and on the
end of the tube, substantially as and for the
purpose described.

In testimony whereof, I sign this specifica-
tion in the presence of two witnesses.

ARTHUR J. FARMER.

Witnesses:

SAMUEL E. THOMAS,
GRACE E. WYNKOOP.