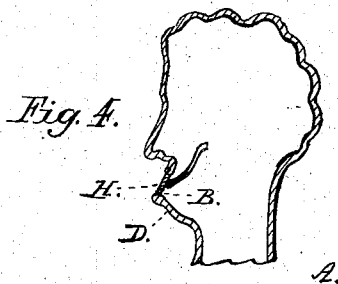
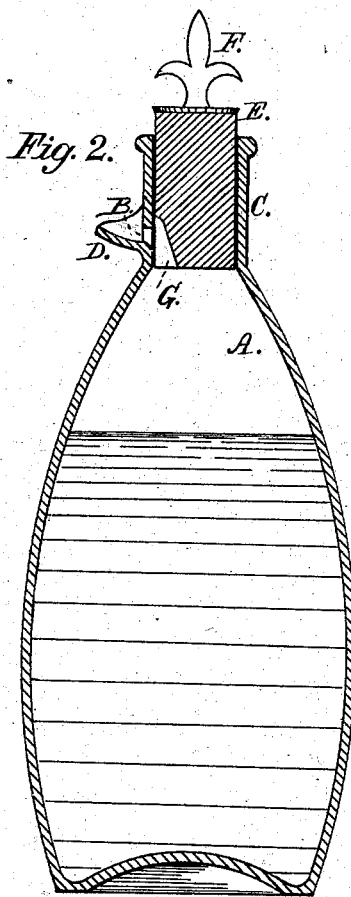
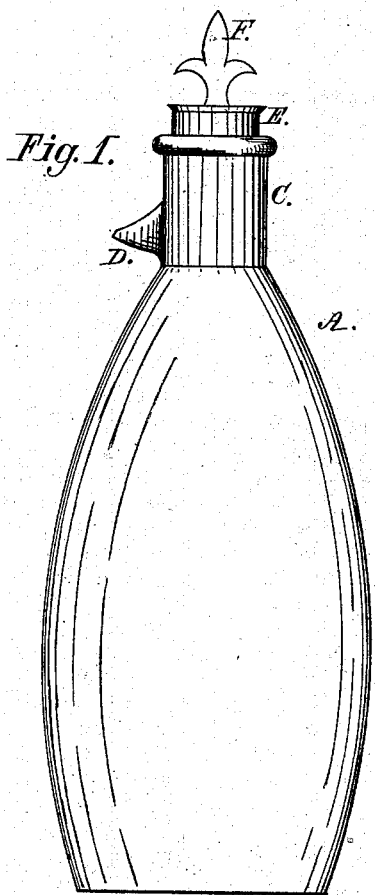


T. DIVINE.
BOTTLES FOR HAIR-DYE.

No. 186,321.

Patented Jan. 16, 1877.



WITNESSES
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THOMAS DIVINE, OF CHARLESTON, SOUTH CAROLINA.

IMPROVEMENT IN BOTTLES FOR HAIR-DYE.

Specification forming part of Letters Patent No. **186,321**, dated January 16, 1877; application filed November 18, 1876.

To all whom it may concern:

Be it known that I, THOMAS DIVINE, of Charleston, in the county of Charleston and State of South Carolina, have invented certain new and useful Improvements in Bottles for Hair-Dye; and I do hereby declare that the following is a full, clear, and exact description thereof, which will enable others skilled in the art to which it appertains to make and use the same, reference being had to the accompanying drawings, and to letters of reference marked thereon, which form a part of this specification.

My invention relates to an improved construction of bottles or flasks for holding liquid hair-dyes or other chemicals which stain by contact, the object being to provide an efficient means for pouring out the contents of said flasks without the removal of the cork, and the consequent stain upon the fingers; and it consists in providing an opening having an overlapping lip in the side of the neck of the flask, which is opened and closed at will by turning by the stopper situated in the mouth of the flask, all as will be hereinafter more fully described and explained by reference to the drawings, in which—

Figure 1 represents a side elevation of a flask embodying my improved construction; Fig. 2, a longitudinal vertical section of the same; and Figs. 3 and 4 are modifications thereof.

Similar letters of reference occurring on the several figures indicate like parts.

It will be observed that in the construction of the ordinary flask or bottle for holding hair-dyes and other chemicals, provision is made only for the usual cork or stopper, which becomes saturated to about half its lower part with the chemical contained in the flask, and the removal of said stopper is generally accompanied with the soiling of the fingers, which is objectionable in many respects, particularly in case where poisonous or corrosive chemicals are used.

The object, therefore, of my present invention is to obviate these disadvantages, and to secure an efficient means for readily pouring out the contents of said flasks without liability of spilling, or staining the hands.

Referring to the drawings, A represents an ordinary flask or bottle, having an elongated neck, C, which is provided with an opening, B, in one side, the outer part of said opening having an overlapping lip, D, as shown in

the several figures. Within the mouth proper of the flask is placed a close-fitting stopper, E, having a suitable thumb-piece, F, at the upper part, and a groove or slot, G, in the lower side, at the bottom.

It will be readily seen that by turning the stopper E around until the slot or groove G in the same is in juxtaposition with the opening B in the neck of the flask, the contents of the flask can be readily poured out in sufficient quantities, from a single drop to a steady stream, without spilling or necessitating the soiling of the hands; and so, also, by turning the stopper E by means of the thumb-piece F at the top around to a suitable point, the supply is shut off and the bottle or flask securely closed.

A modification of my invention is shown in Figs. 3 and 4, in which the flask or bottle is blown in the shape represented, leaving an opening, B, at the mouth of the head of the man or woman, as shown, the lower lip D projecting so as to form a spout. A lid or drop-valve, H, is fitted within this opening, and provided with springs *a*, the inner ends of which rest in the hollow of the cheek on each side, serving by their pressure to retain the lid in a closed position.

When the upper part of the bottle is depressed the weight of the liquid forces the valve or lid H open, thereby allowing of the escape of the contents of the bottle in suitable quantities, and by reversing the position of the flask the lid or valve is automatically closed by the springs *a*.

The advantages of my invention will be readily seen, inasmuch as it provides a convenient and most efficient receptacle for liquid hair-dye or other chemicals, combined with ease and facility of pouring out the contents without spilling or coming in contact with the fingers or hand.

Having thus described my invention, I claim as new and useful—

The stopper E, having the thumb-piece F at the top, and provided with the slot or groove G at the bottom, in combination with the outlet B and hanging lip D, substantially as and for the purpose described.

In testimony that I claim the foregoing as my own invention I affix my signature in presence of two witnesses.

Witnesses: THOMAS DIVINE,
FREDRICK E. SHRODER,
GEORGE FREDERICK MELDAU.