

E. F. MARBLE & R. W. GLIDDEN.

Smelling-Bottle Stoppers.

No. 137,938.

Patented April 15, 1873.

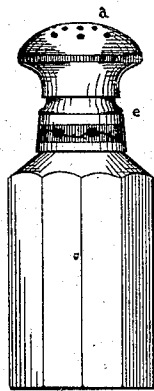


FIG. 1.

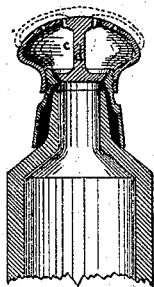


FIG. 2.

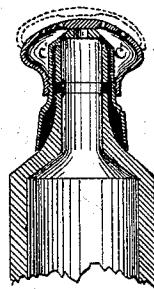


FIG. 3.

WITNESSES.

Wm. W. Read
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UNITED STATES PATENT OFFICE.

ENOS F. MARBLE AND REUEL W. GLIDDEN, OF ATTLEBOROUGH, MASS., AS-
SIGNORS TO WHITING MANUFACTURING COMPANY, OF NEW YORK, N. Y.

IMPROVEMENT IN SMELLING-BOTTLE STOPPERS.

Specification forming part of Letters Patent No. **137,938**, dated April 15, 1873; application filed
January 15, 1873.

To all whom it may concern:

Be it known that we, ENOS F. MARBLE and REUEL W. GLIDDEN, both of Attleborough, in the county of Bristol and State of Massachusetts, have invented certain Improvements in Smelling-Bottles, of which the following is a specification:

Our invention relates to the construction of the top or cap of smelling-bottles, vinaigrettes, and bottles generally, which are intended to contain any aromatic substance, and to be used as smelling-bottles; and consists in providing a chamber in the cap and a stopper so attached to the cap that the bottle may be opened and the odor allowed to escape through the chamber without removing the cap from the bottle.

In the accompanying drawing, Figure 1 represents a smelling-bottle with our improved cap. Fig. 2 represents a vertical section of the cap-stopper and neck and upper part of the bottle. Fig. 3 represents a vertical section of the cap and upper portion of a bottle in which the top portion of the cap is screwed down on the top of the bottle to close it.

a, Fig. 1, is the cap, which is screwed onto the collar of the bottle and perforated with holes to allow of the escape of the odor from the chamber *c*, Fig. 2, and *c'*, Fig. 3. *d*, Fig. 2, is the stopper attached to the top of the cap, and extending downward so as to fit into the top of the collar and close the bottle when the cap is screwed down. The collar *e* is fitted upon the neck of the bottle with a thread cut around it, upon which the cap *a* is screwed. The bottom part of the stopper *d* is made tapering and fits into the top part of the collar *e* to close the bottle. The neck of the bottle

may be adapted to receive the stopper, and the cap may be screwed directly upon the neck, thus dispensing with the collar.

In place of a stopper the neck or collar may be made to extend up so as to come in contact with the top of the cap when screwed down so as to close the bottle, as shown in Fig. 3.

The bottle having received its contents, and the cap being screwed on, the bottle is used by partially unscrewing the cap without removing it from the bottle. This allows the odor to flow into the chamber *c* and through the perforations in the top of the cap. The bottle is then closed by screwing down the cap.

By admitting the odor into a chamber in the manner described it becomes mixed with air before coming to the nostrils, and is thus rendered less sharp and biting than when taken directly from the bottle without the intervention of a chamber. Another advantage secured by this invention is the greater convenience in the use of it, as it obviates the necessity of taking out a stopper. The bottle is likewise held more tightly and securely closed than in any of the ordinary methods employed, by means of the screw.

We claim as our invention—

A smelling-bottle provided with a perforated cap, *a*, containing a chamber, *c*, into which the odor is admitted by screwing the cap up without removing the same from the bottle, and which is closed by screwing the cap down.

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REUEL W. GLIDDEN.

Witnesses:

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