No. 668,029. Patented Feb. 12, 1901.

J. & J. H. WHATMOUGH.

BOTTLE STOPPER.

(Application filed Nov. 20, 1900.)

(No Model.)

FIG. 1.

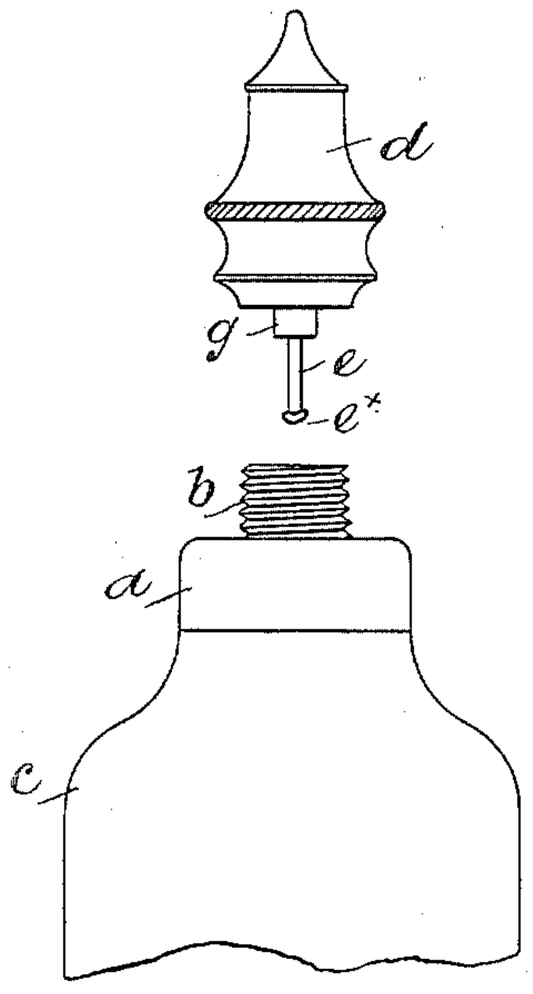


FIG. 2.

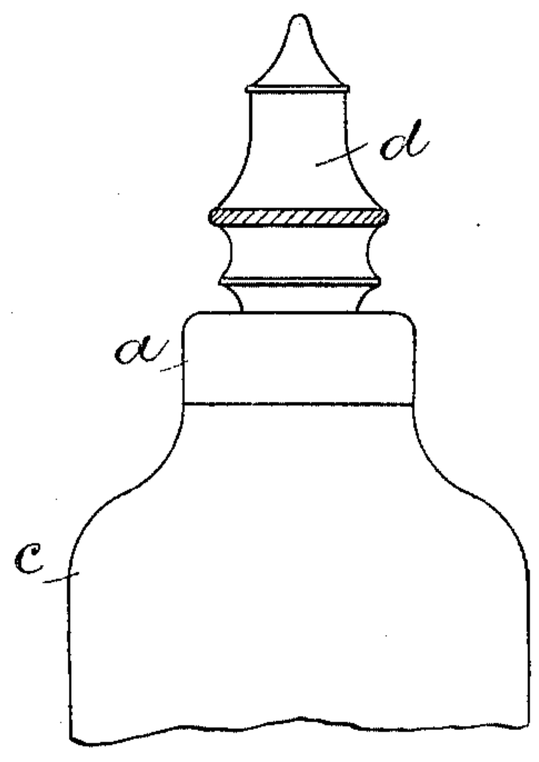


FIG. 3.

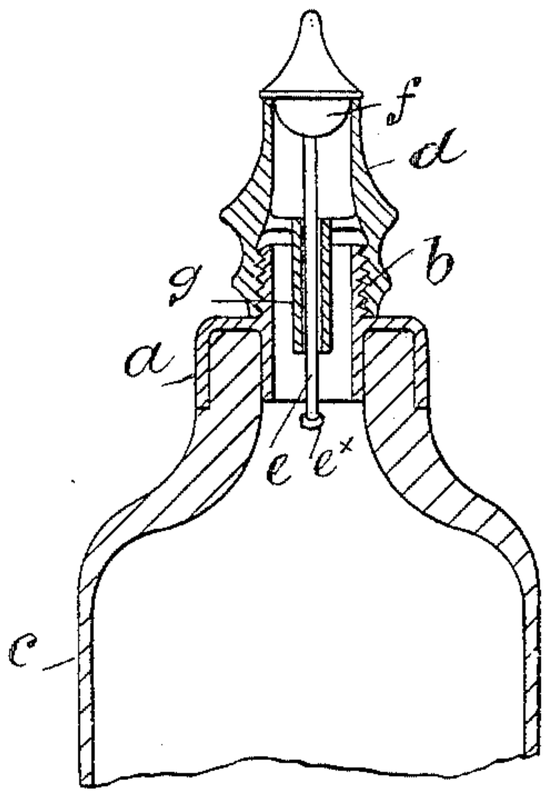
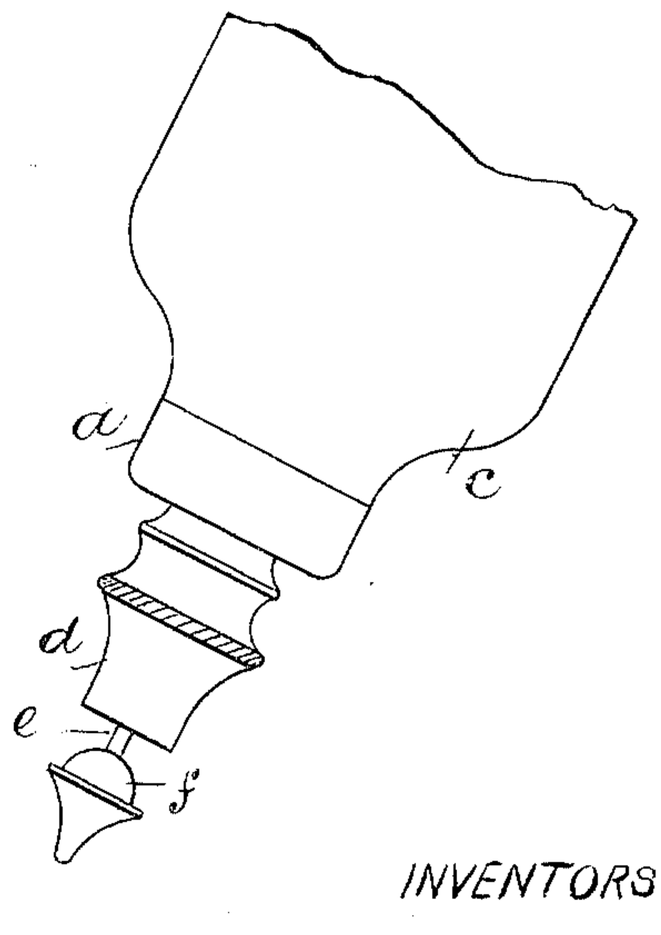


FIG. 4.



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UNITED STATES PATENT OFFICE.

JAMES WHATMOUGH AND JOHN HENRY WHATMOUGH, OF OLDHAM, ENGLAND.

BOTTLE-STOPPER.

SPECIFICATION forming part of Letters Patent No. 668,029, dated February 12, 1901.

Application filed November 20, 1900. Serial No. 37,158. (No model.)

To all whom it may concern:

Be it known that we, JAMES WHATMOUGH and JOHN HENRY WHATMOUGH, subjects of the Queen of Great Britain, residing at 35 Market Place, Oldham, in the county of Lancaster, England, have invented new and useful Improvements in Bottle-Stoppers, of which the following is a specification.

Our improvements relate to stoppers for cruet-bottles containing liquids, pepper, salt, and like condiments usually contained in cruets for domestic use.

The manner in which our said invention is to be performed will be readily understood on reference to the sheet of drawings hereunto annexed and the following explanation thereof.

Our invention consists, essentially, of two parts, one of which is permanently attached to the mouth of the cruet and the other is removable and attached to the former by means of a screw.

Figure 1 on the drawings is an elevation of the upper part of the cruet with the fixed portion attached thereto and the removable portion unscrewed and raised up above the former to allow of the filling of the cruet. Fig. 2 is a similar view with the removable portion screwed on as when ready for use. Fig. 3 is a vertical section showing the internal construction thereof, and Fig. 4 is an elevation showing the same inverted as when in use.

In carrying our invention into practice we construct a metallic tubular mount *a* with a male-screw nipple *b* at the top. This said mount we cement or otherwise permanently fix onto the nozzle of a glass or earthenware cruet-bottle *c*. On the aforesaid mount *a* we screw an ornamental cap *d*, the said cap being tubular and provided with a vertical pin *e* capable of sliding therein and having at the upper end or top a hemispherical or conical valve *f*, which closes up the opening at the top of the tube when the bottle is in a vertical position. (See Fig. 3.) Inside the ornamental cap *d* is a cross-bar supporting a small vertical tube *g*, through which is passed loosely the vertical pin *e*, the said pin being provided with a nut or small block $e^{\times}$ at the bottom to prevent the pin *e* from falling out of the vertical tube *g* when inverted. The pin is about half an inch longer than the ornamental cap *d* in order to allow the valve or plug *f* to fall from the opening when the bottle is inverted (see Fig. 4) for the purpose of permitting the contents to pass through, and therefore the apparatus acts as a sprinkler.

We claim as our invention—

The improved stopper for cruet-bottles consisting in the combination with a fixed metallic tubular mount provided with a male-screw nipple at the top, of a detachable ornamental tubular cap fitted to screw thereon, said cap being provided with a central vertical tube in which is fitted (so as to be able to slide therein to a limited extent) a pin having a plug fitted on the top thereof, all substantially as and for the purpose described.

In testimony whereof we have signed our names to this specification in the presence of two subscribing witnesses.

JAMES WHATMOUGH.
JOHN HENRY WHATMOUGH.

Witnesses:
JNO. HUGHES,
J. ERNEST HUGHES.