

No. 773,435.

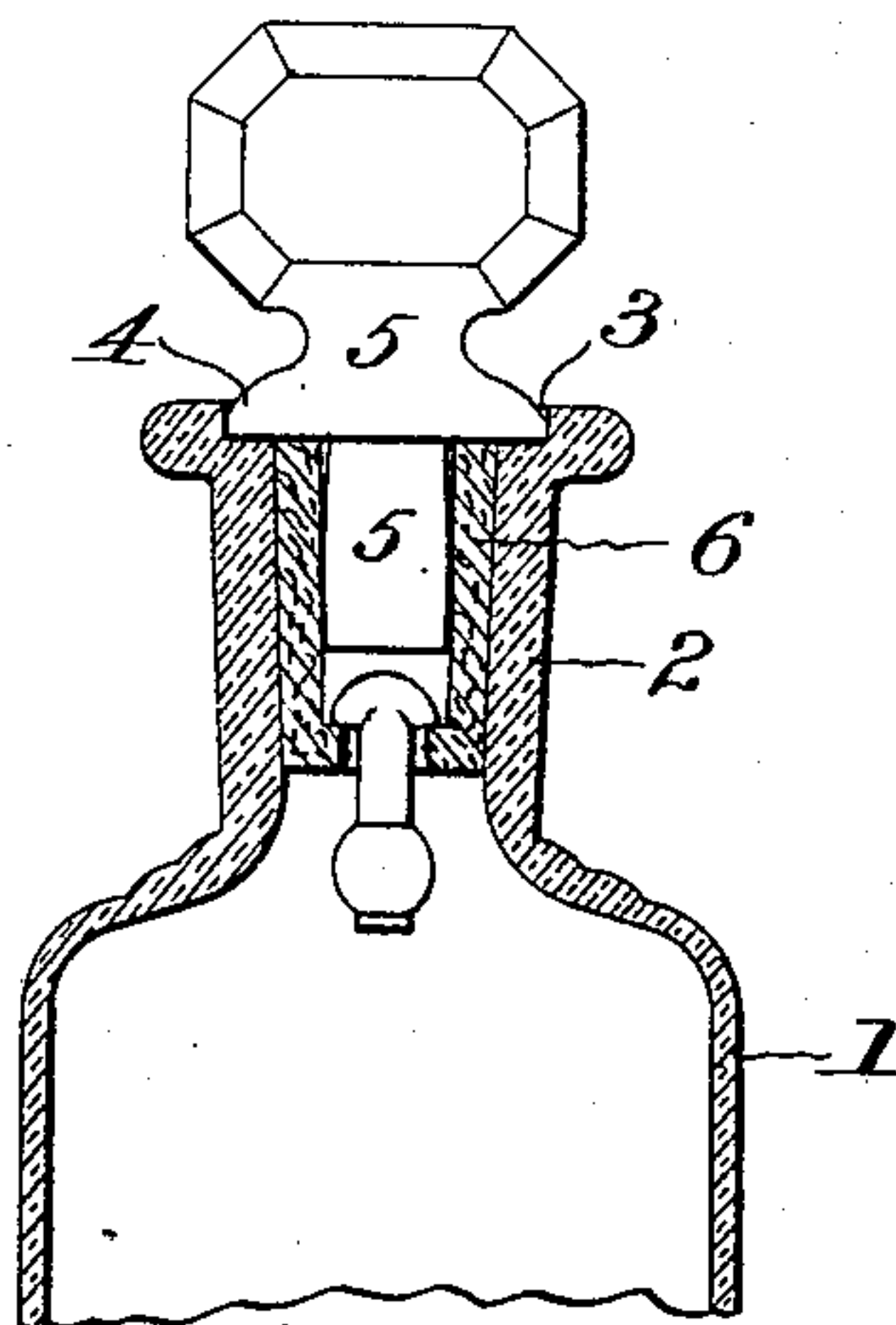
PATENTED OCT. 25, 1904.

J. G. SWINDELL.  
BOTTLE.

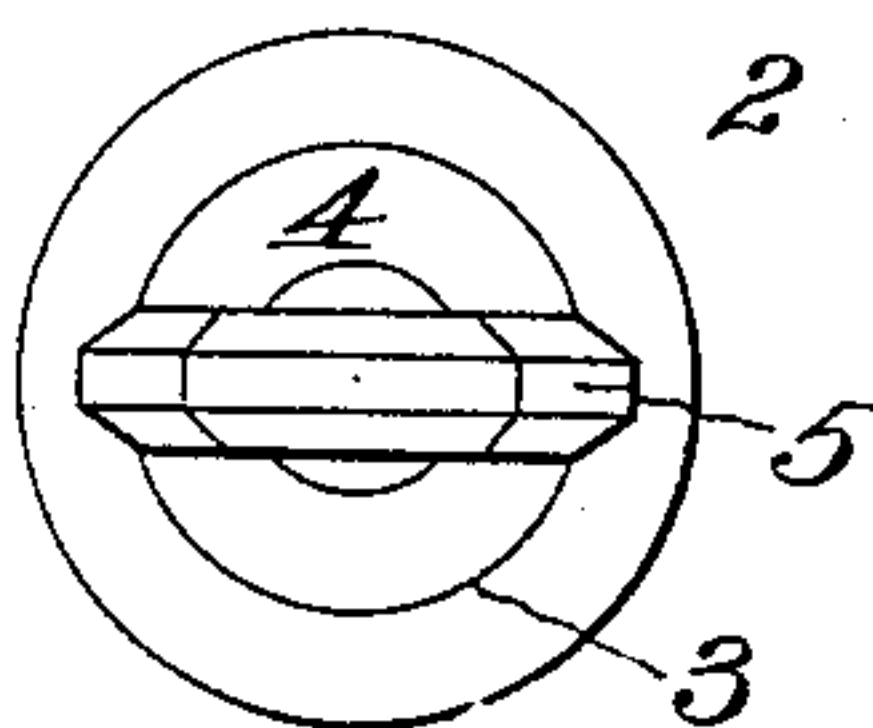
APPLICATION FILED JUNE 14, 1904.

NO MODEL.

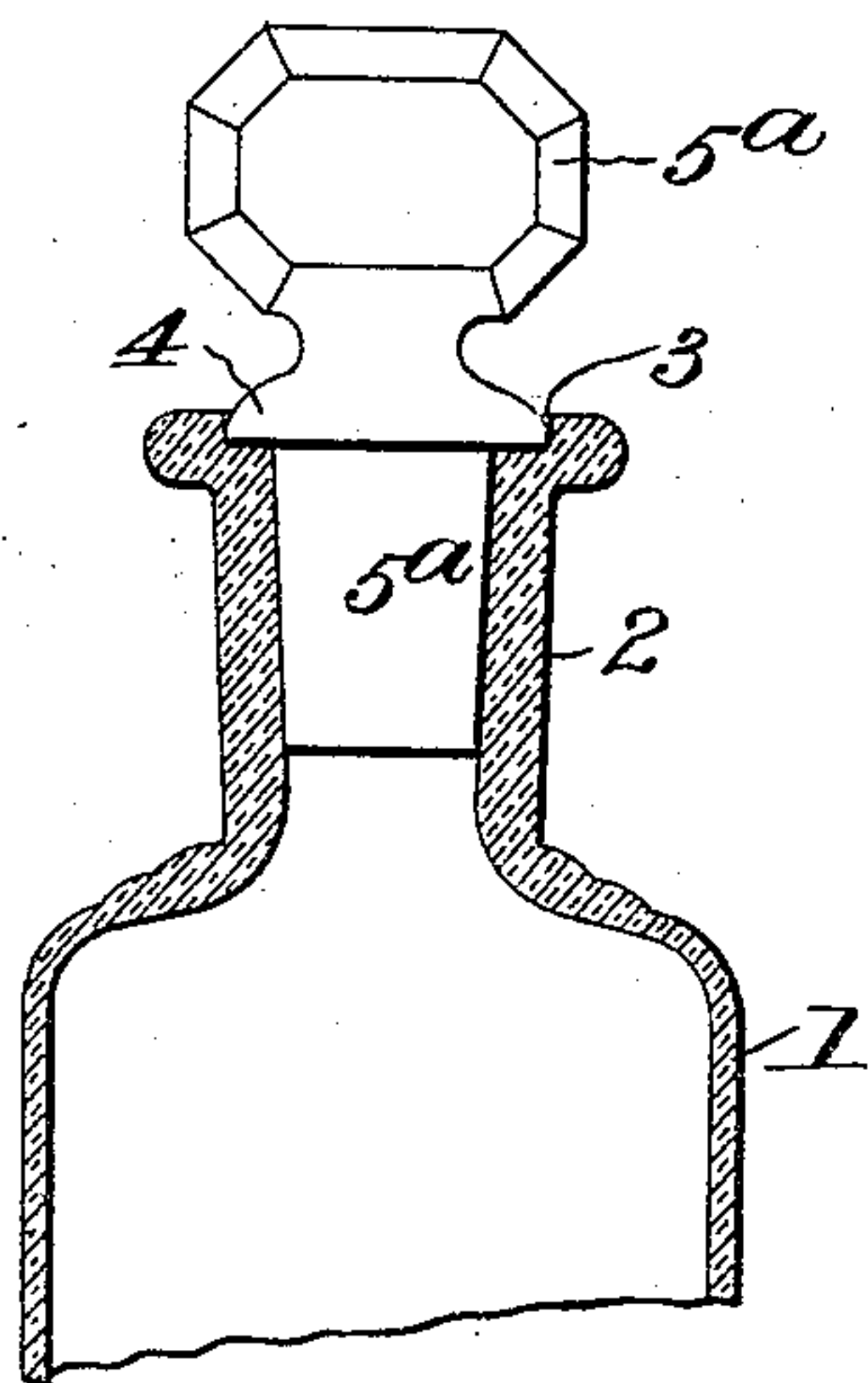
*Fig. 1.*



*Fig. 2.*



*Fig. 3.*



Witnesses

*C. W. Walker*  
*T. H. Birchhead.*

Inventor

*J. G. Swindell,*

By

*Johnson & Johnson,*

Attorneys

# UNITED STATES PATENT OFFICE.

JAMES G. SWINDELL, OF BALTIMORE, MARYLAND.

## BOTTLE.

SPECIFICATION forming part of Letters Patent No. 773,435, dated October 25, 1904.

Application filed June 14, 1904. Serial No. 212,532. (No model.)

*To all whom it may concern:*

Be it known that I, JAMES G. SWINDELL, a citizen of the United States, and a resident of Baltimore, State of Maryland, have invented certain new and useful Improvements in Bottles, of which the following is a specification.

My invention relates to bottles, and more especially to the construction of bottles and stoppers used in conjunction therewith, adapted for containing delicate perfumes, toilet-waters, and other like liquids, though of course it is not specifically limited to such use. In the bottles heretofore employed for such perfumes, toilet-waters, and the like it has been necessary to employ in connection with the stopper a kid covering or "washer," as it may be termed, to protect and cover the neck of the bottle between the flange of the stopper and said neck. This has been found necessary because of the finish that is required in such bottles the stoppers for which have not been ground; and in order to protect the finish and preserve the appearance required by the trade such kid covering has been found necessary. I have discovered that this kid covering may be dispensed with while still furnishing the desired appearance and protection of the finish of the bottle and neck proper and, moreover, impart to the bottle the appearance of a ground-in stopper.

My invention therefore consists in the novel combination of bottle neck and stopper hereinafter described and claimed with reference to the accompanying drawings, and more particularly pointed out in the claim appended to this specification.

In the drawings, Figure 1 is a central vertical section of bottle, showing my invention applied thereto. Fig. 2 is a top plan view thereof; and Fig. 3 is a similar view to Fig. 1, showing a modified form of stopper.

Referring now to the drawings, wherein the same and similar reference characters designate the same or corresponding parts in all the views thereof, a bottle 1 is provided with the usual neck 2, in which is formed a mouth provided with a shallow recess or groove 3, the

depth of which is determined by the thickness of the laterally-projecting flange 4 of the stopper 5. In Figs. 1 and 2 the stopper 5 is cylindrical and provided with a dropping device which includes a tubular washer 6, made in accordance with Patent No. 716,806, granted to H. O. Brawner December 23, 1902; but it is to be noted that my invention may be applied to any form of stopper—as, for example, a solid stopper 5<sup>a</sup>, Fig. 3, in which the tubular dropper-stopper gives place to the solid stopper 5<sup>a</sup>. The flange 4 is made of a thickness substantially the same as the depth of the groove 3, so that when the stopper is in place the said flange will rest flush with the upper surface of the bottle-neck.

As a result of this construction the stopper has the appearance of a ground-in stopper whose finish corresponds to the finish of the bottle, and the kid covering is wholly dispensed with, thereby decreasing materially the cost of manufacture of such bottles and stoppers and at the same time greatly improving the appearance of the same, thus rendering the bottle more acceptable to the trade than heretofore.

Having thus described my invention, what I claim, and desire to secure by Letters Patent of the United States, is—

The herein-described improvements in bottles, consisting in the combination with a bottle having a neck provided with a shallow groove or recess at its upper end, of a glass stopper having a laterally-projecting flange of a thickness substantially the same as the depth of said groove or recess, whereby the said flange is flush with the upper surface of the neck and imparts thereto the appearance of a ground-in stopper when in place to close the mouth of the bottle, substantially as described.

In testimony whereof I have signed my name to this specification in the presence of two subscribing witnesses.

JAMES G. SWINDELL.

Witnesses:

JOHN DUNNOCK,  
ROMIE SMITH.