

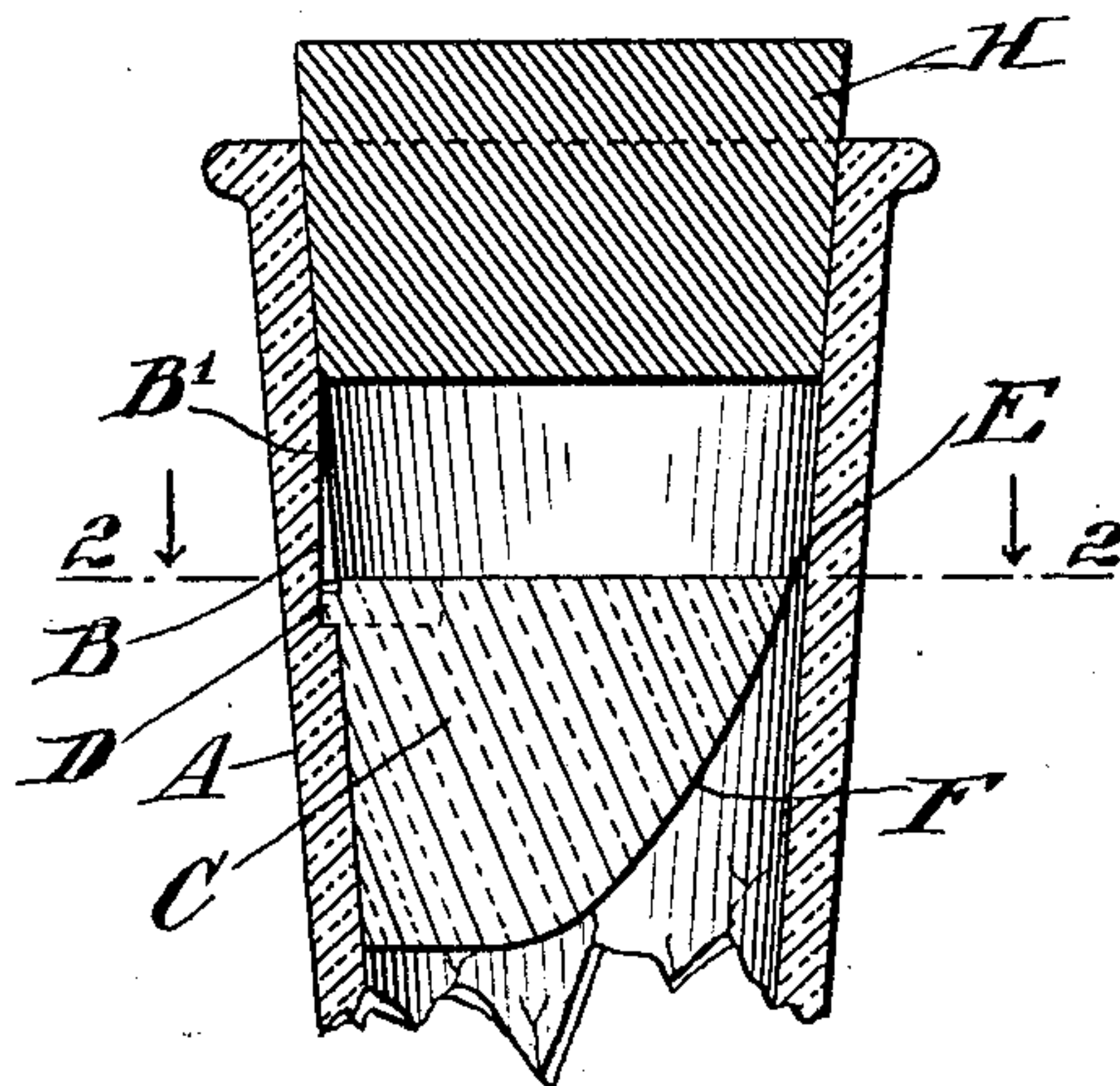
No. 860,337.

PATENTED JULY 16, 1907.

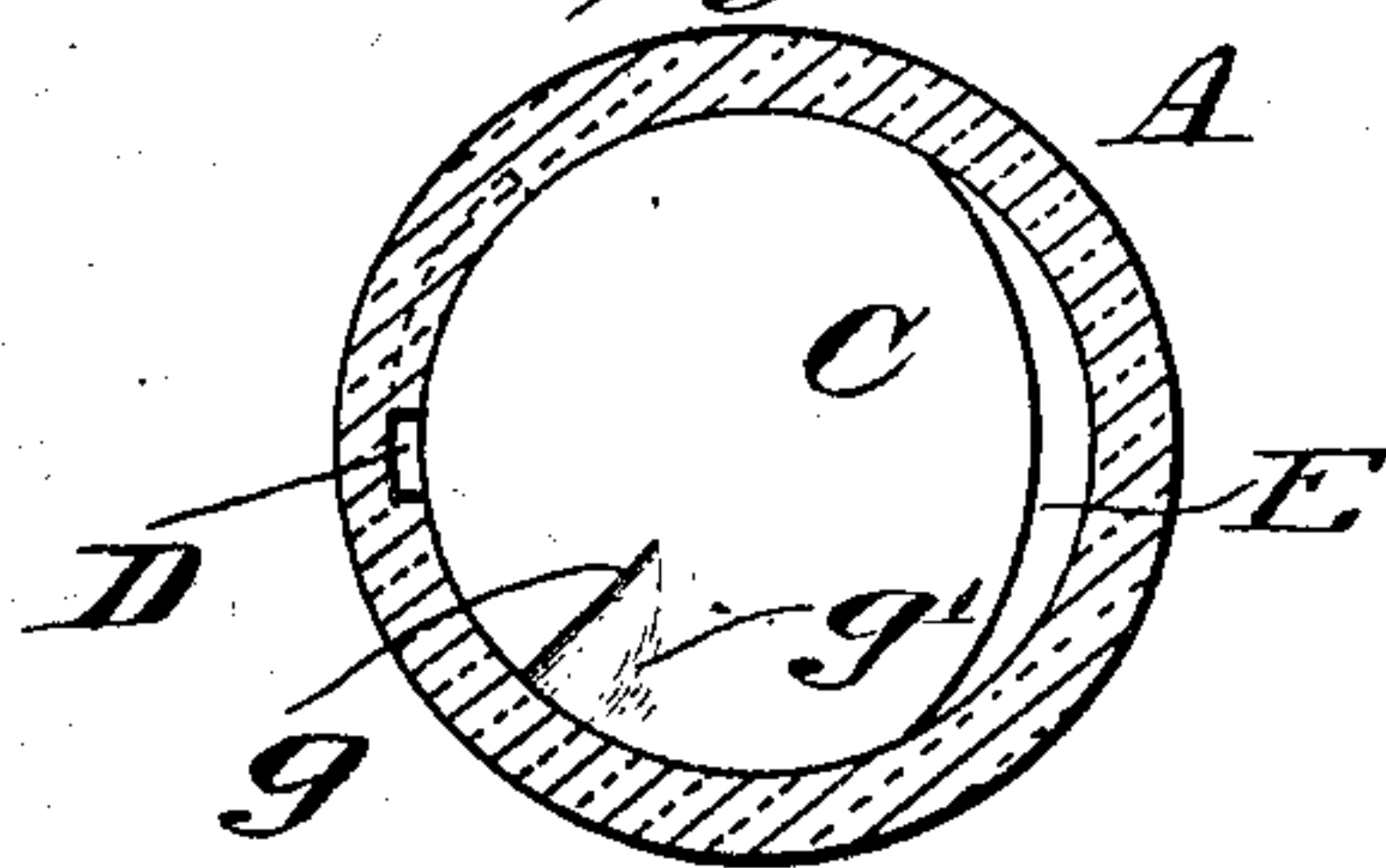
F. F. SCHWED.  
BOTTLE.

APPLICATION FILED MAR. 8, 1907.

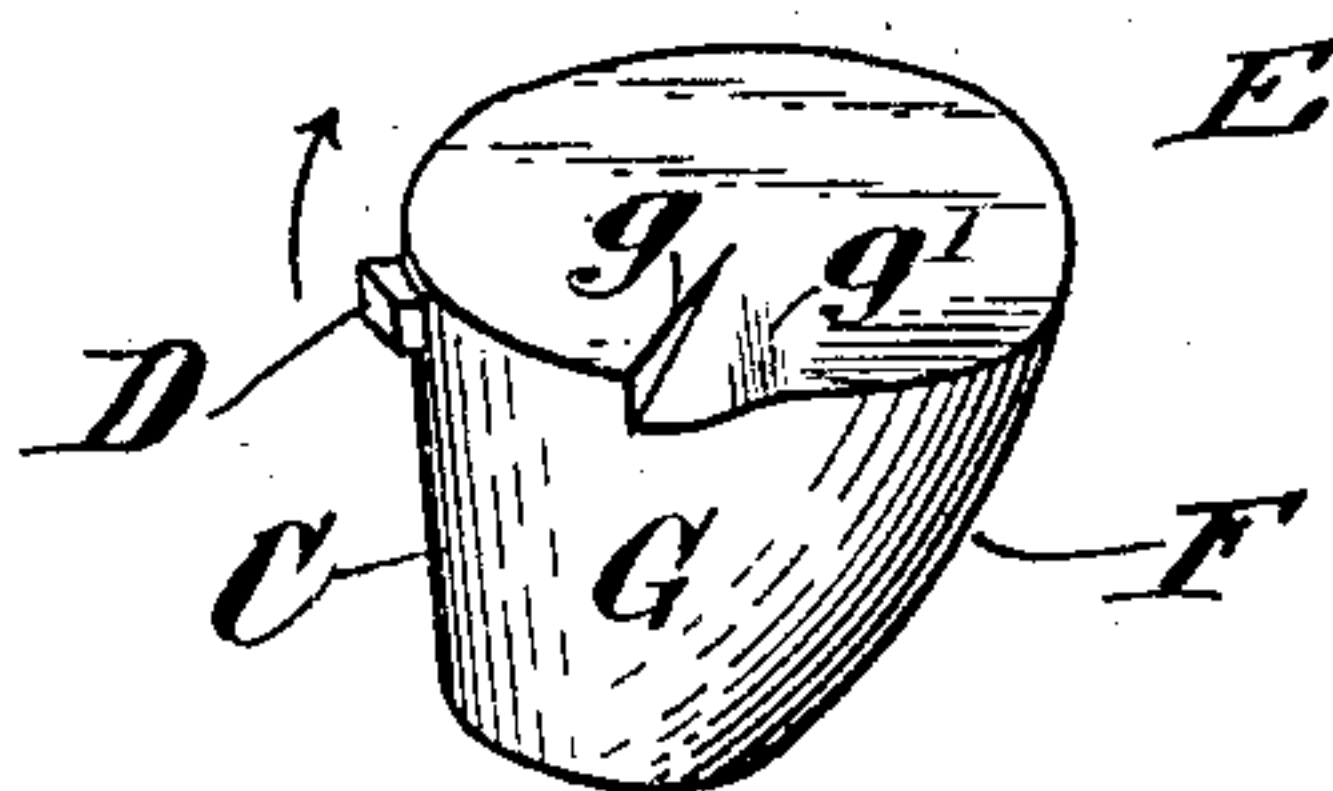
*Fig. 1.*



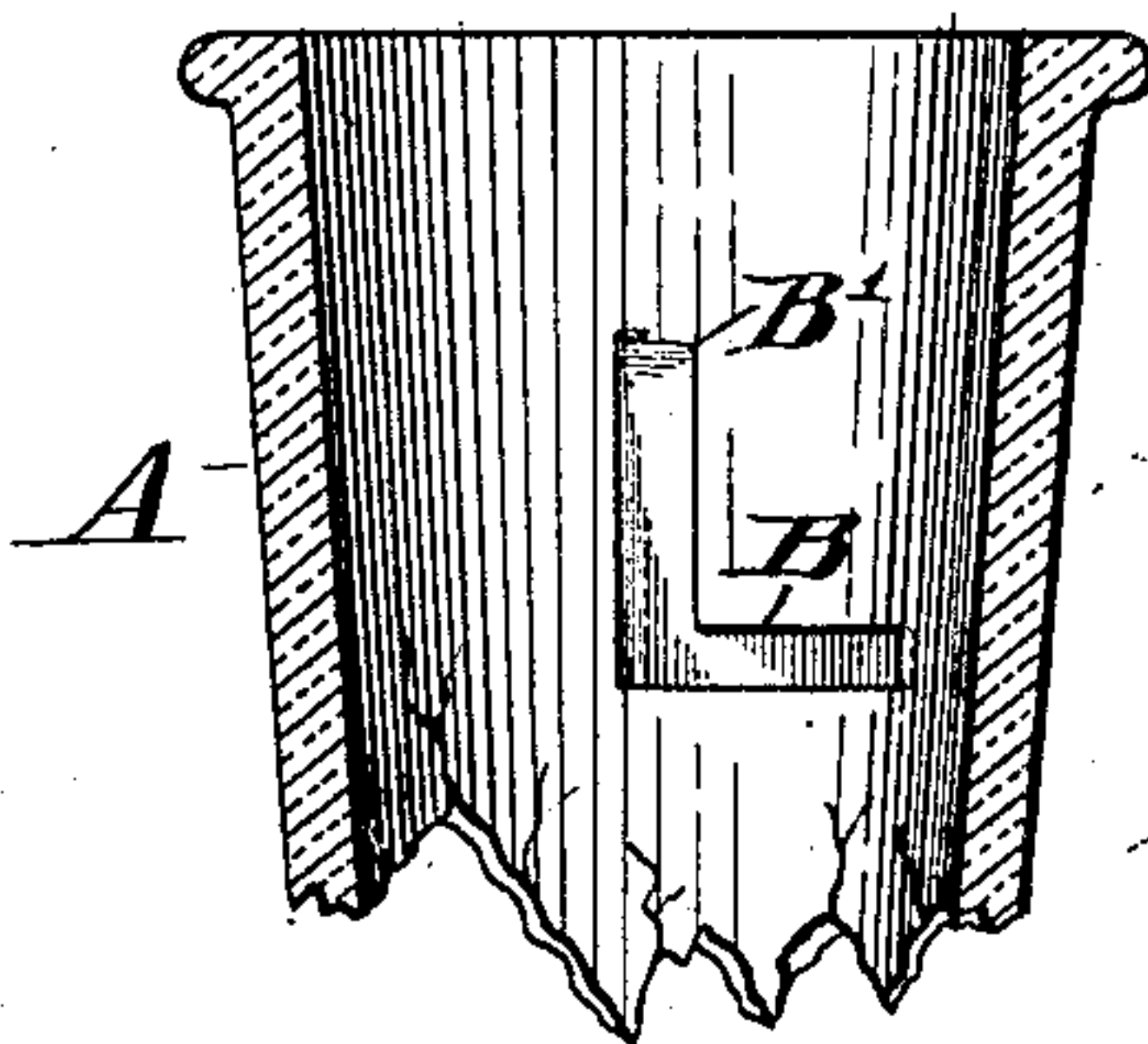
*Fig. 2.*



*Fig. 3.*



*Fig. 4.*



Attest:

*E. Mitchell*  
C. S. Ashley

Inventor:

*F. F. Schwed*  
by *Oscar F. Ginzher* Atty

# UNITED STATES PATENT OFFICE.

FLORENCE F. SCHWED, OF PLAINFIELD, NEW JERSEY.

## BOTTLE.

No. 860,337.

Specification of Letters Patent.

Patented July 16, 1907.

Application filed March 8, 1907. Serial No. 361,361.

*To all whom it may concern:*

Be it known that I, FLORENCE F. SCHWED, a citizen of the United States, and a resident of Plainfield, in the county of Union and State of New Jersey, have  
5 invented certain new and useful Improvements in Bottles, of which the following is a specification.

This invention relates to improvements in bottles and the object of my invention is to provide a new and improved bottle which is so constructed that the  
10 contents can flow from the bottle very slowly and it will be very difficult to refill the bottle.

In the accompanying drawings, in which like letters of reference indicate like parts in all the figures:—  
Figure 1 is a vertical transverse sectional view through  
15 the bottle neck showing my improvement. Fig. 2 is a horizontal sectional view on the line 2—2 of Fig. 1. Fig. 3 is a perspective view of the plug. Fig. 4 is a vertical transverse sectional view through the neck showing the bayonet lock groove.

20 The bottle neck A is constructed so that its bore is tapering from top to bottom that is gradually decreased in diameter. In the walls of this bore an L shaped or bayonet lock groove B is formed the vertical member of which gradually increases in depth from its upper  
25 to its lower end, the upper end of this groove being located some distance greater or less, below the upper end of the neck and running out into the incline of the bore as shown at B'. A tapering glass plug C fitting in the bore at and directly below the horizontal  
30 member of the groove B is provided at its upper end with a laterally extending lug D to pass into the groove B. Part of the side of the plug C is cut away as at E to form an outlet opening of greater or less size as may be desired and from the edge of this opening  
35 the bottom of the plug is cut away at an incline as at F to facilitate the flow of the liquid, especially when the same is of a more or less viscous consistency. This plug C is provided in its top with a radial notch G one side of which is made vertical as at g and the  
40 other side of which is tapered or beveled off to the top of the plug as at g<sup>1</sup>.

After the bottle has been filled the glass plug C is inserted in such a manner that its lug D can enter the vertical member of the groove B and this plug is forced down until its lug D arrives at the horizontal  
45 member of the groove B whereupon the plug is turned axially until its lug D arrives at the closed end of the horizontal member of the groove B. To turn the plug axially an implement, such as a small rod is placed against the vertical edge g of the notch G and lateral  
50 pressure exerted. It is impossible to turn the plug in the reverse direction, for the purpose of removing it, as in that case the implement would have to be placed against the edge g<sup>1</sup> over which it would slide, without turning the plug. After the plug C has been inserted  
55 a cork stopper H is placed into the upper end of the neck A above the plug C.

This bottle is especially adapted for perfumes, essences, etc., which are to be poured or delivered in small quantities only and for poisonous or like drugs,  
60 as the fact that the contents flow from the bottle very slowly calls attention to the nature of the contents and it is hence not apt to be mistaken for substances which do not flow so slowly.

As the outlet opening is very small it would not pay  
65 to attempt to refill the bottle through this opening as this would cause a waste of the substance and consume too much time.

Having described my invention what I claim as new and desire to secure by Letters Patent is:—

70 The combination with a bottle neck having an L-shaped bayonet lock groove formed in its inner surface and beginning a short distance below the upper edge of the neck, of a glass plug provided with a laterally projecting lug fitting in the groove, said plug being provided in its upper surface with a notch one edge of which is made vertical and the other beveled to the upper surface of the plug, part of  
75 the side of the plug being cut away to form an outlet opening, substantially as set forth.

Signed at New York city in the county of New York and  
80 State of New York, this 4th day of March A. D. 1907.

FLORENCE F. SCHWED.

Witnesses:

CHARLES R. GOLESMITH,  
OSCAR F. GUNZ.