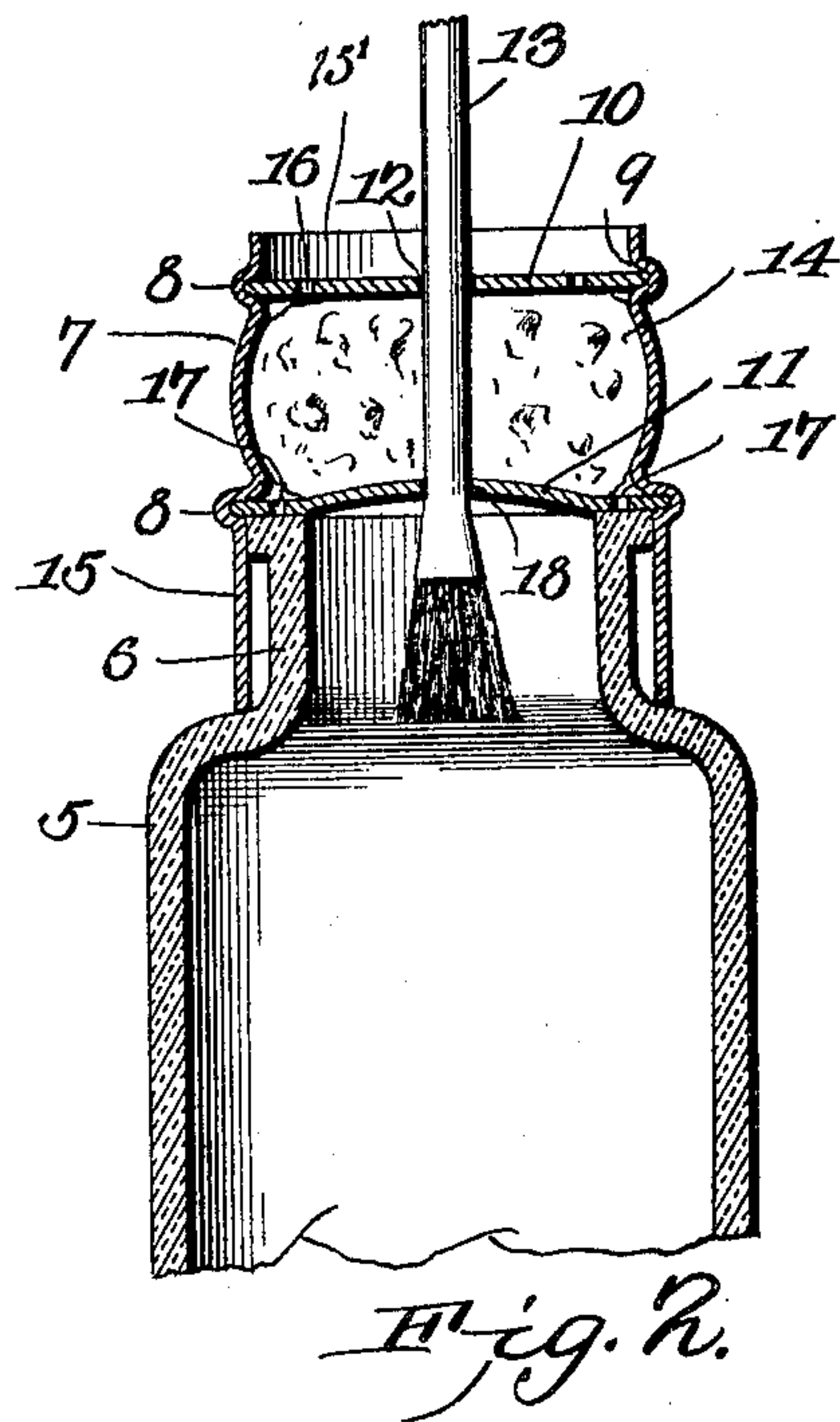
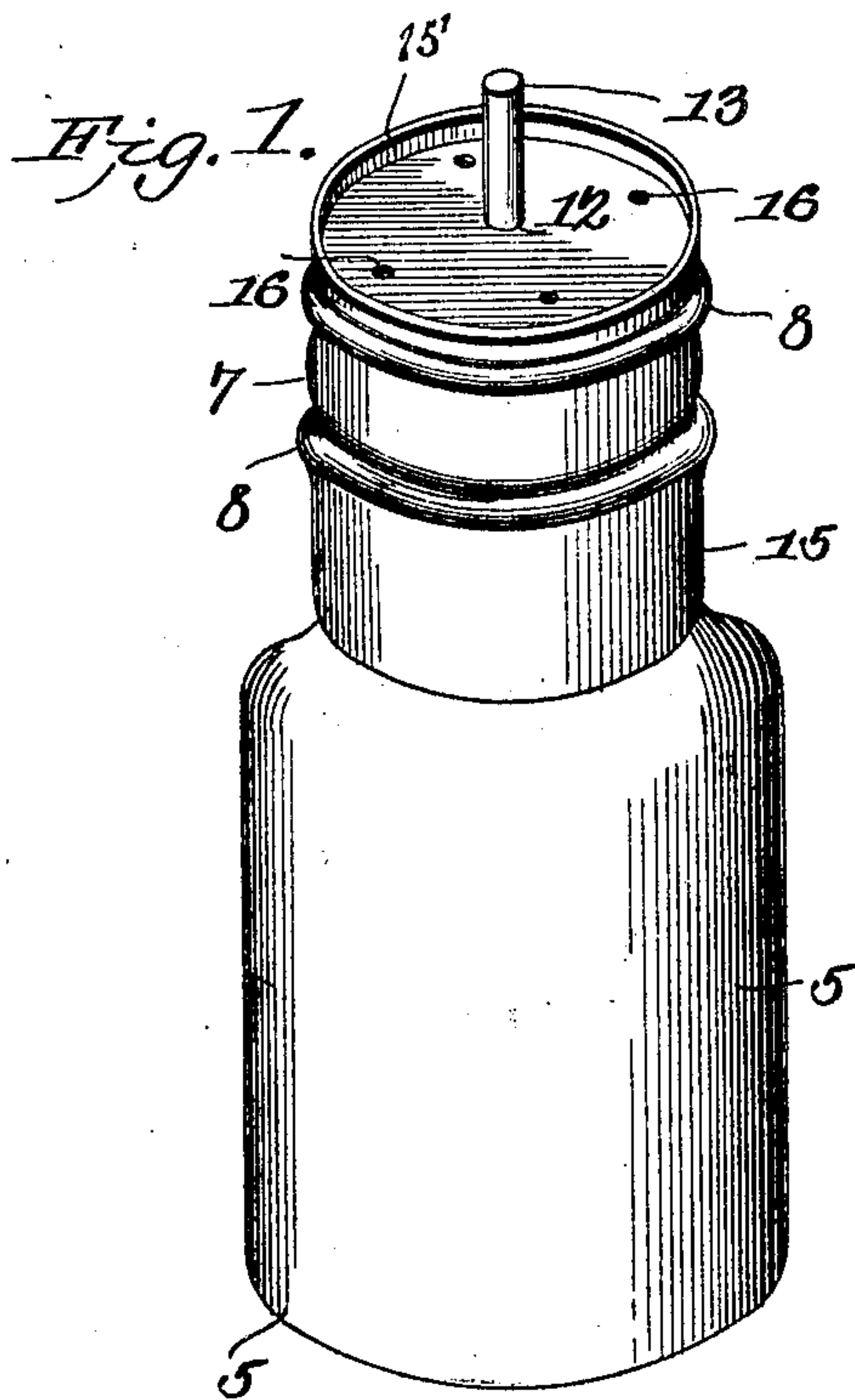


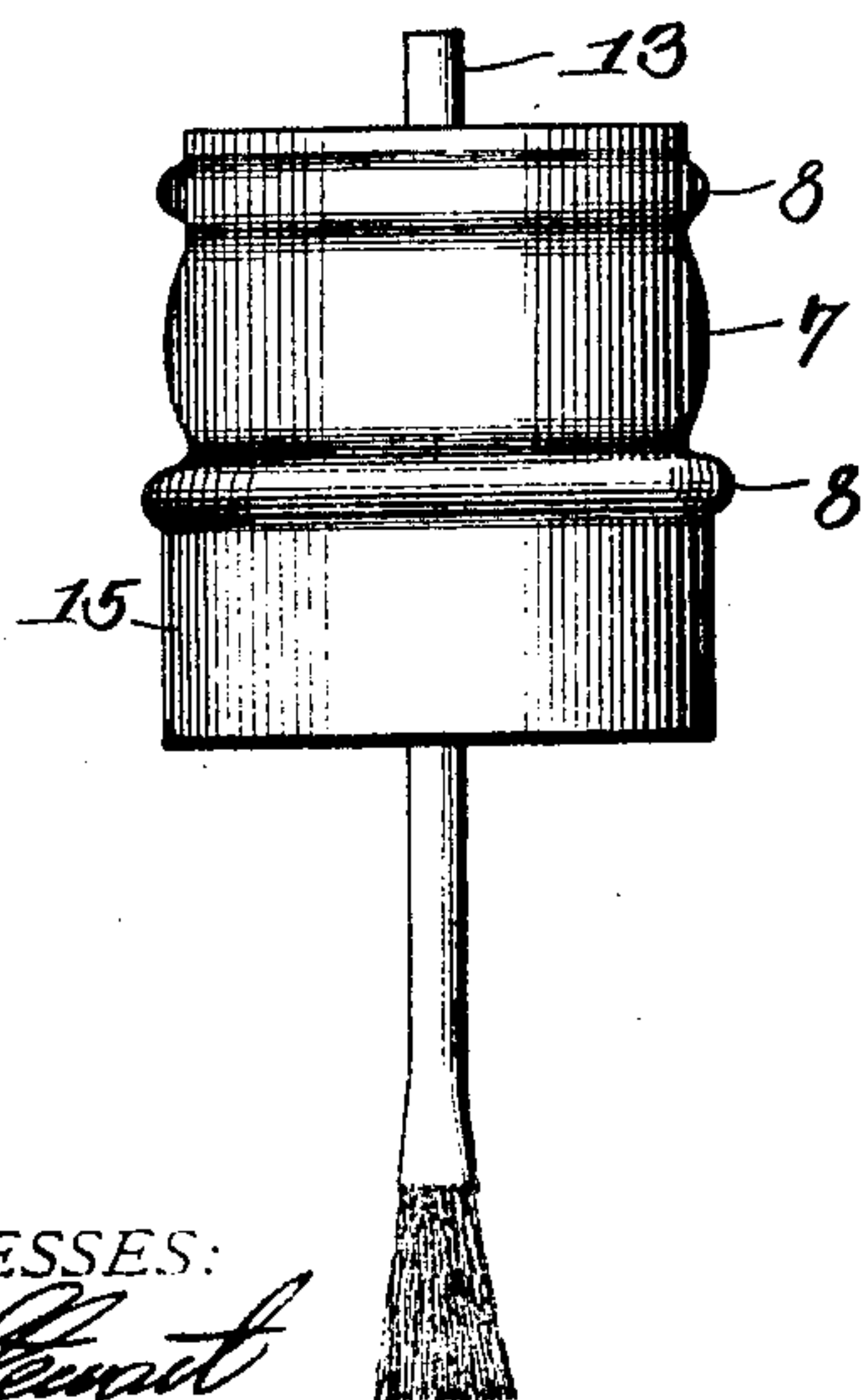
No. 822,235.

PATENTED JUNE 5, 1906.

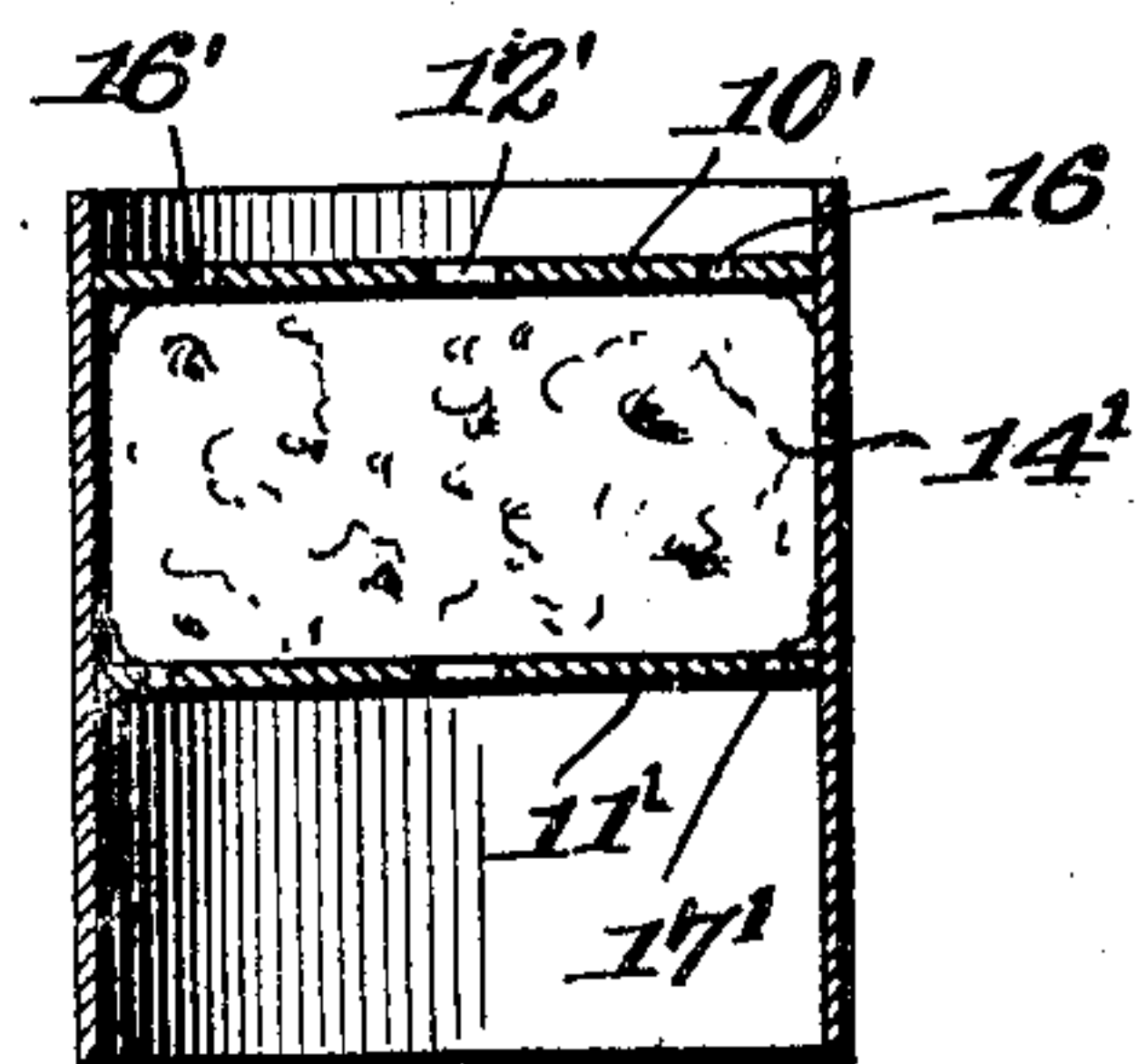
S. L. BAILEY.  
MOISTURE SUPPLY CAP FOR MUCILAGE BOTTLES.  
APPLICATION FILED JAN. 31, 1906.



*Fig. 3.*



*Fig. 4.*



WITNESSES:

*E. J. Stewart*  
*S. L. Bailey*

*Sarah L. Bailey*  
INVENTOR

By *C. A. Snow & Co.*  
ATTORNEYS



# UNITED STATES PATENT OFFICE.

SARAH LAMBERT BAILEY, OF FRANKFORT, MICHIGAN.

## MOISTURE-SUPPLY CAP FOR MUCILAGE-BOTTLES.

No. 822,235.

Specification of Letters Patent.

Patented June 5, 1906.

Application filed January 31, 1906. Serial No. 298,864.

*To all whom it may concern:*

Be it known that I, SARAH LAMBERT BAILEY, a citizen of the United States, residing at Frankfort, in the county of Benzie and State of Michigan, have invented a new and useful Moisture-Supplying Cap for Mucilage-Bottles, of which the following is a specification.

This invention relates to receptacles for containing mucilage, glue, paste, and other adhesive materials, and more particularly to an improved cap or closure for supplying moisture to the mouth of the receptacle.

The object of the invention is to provide a cap or closure having a liquid-containing chamber, the walls of which are perforated to permit a quantity of liquid to be fed to the neck of the receptacle at the mouth thereof, so as to prevent the cap from adhering to the receptacle and also to maintain the brush in a soft pliable condition when not in use.

A further object of the invention is to generally improve this class of devices, so as to add to their utility and durability as well as to reduce the cost of manufacture.

With these and other objects in view the invention consists in the construction and novel combination and arrangement of parts hereinafter fully described, and illustrated in the accompanying drawings, it being understood that various changes in form, proportions, and minor details of construction may be resorted to within the scope of the appended claims.

In the accompanying drawings, forming a part of this specification, Figure 1 is a perspective view of a mucilage-bottle provided with a cap or closure constructed in accordance with my invention. Fig. 2 is a longitudinal sectional view of the same. Fig. 3 is a side elevation of the cap or closure detached. Fig. 4 is a longitudinal sectional view illustrating a modified form of the invention.

Similar numerals of reference indicate corresponding parts in all the figures of the drawings.

The improved device may be used in connection with various kinds of receptacles adapted to contain liquid or semiliquid adhesive material and by way of illustration is shown applied to a mucilage-bottle of the ordinary construction, in which 5 designates the bottle and 6 the neck.

The cap or closure consists of a cylindrical body portion 7, the side walls of which are curved laterally, as shown, and stamped or

otherwise formed with spaced ribs or flanges 8, defining annular grooves 9, in which are seated transverse partitions or diaphragms 10 and 11, the latter being provided with alined openings 12 for the reception of a brush 13. The diaphragms 10 and 11 are spaced apart to form a liquid-containing chamber 14, adapted to receive a quantity of sponge or other absorbent material for supplying moisture to the neck of the bottle at the mouth thereof. The side walls of the body portion are extended below the diaphragm 11 to form a depending flange 15, adapted to engage the neck of the bottle and prevent accidental displacement of the cap, while the diaphragm 10 is spaced inwardly from the top of the body portion to produce a terminal cup, into which the water is poured and which flows through perforations 16 into the chamber 14, as shown.

The lower diaphragm rests upon the neck of the bottle and is provided with an annular row of perforations 17, by means of which moisture is supplied to the neck of the bottle, so as to prevent the cap from adhering to the latter and also to maintain the bristles of the brush in a soft pliable condition when not in use.

The central portion of the diaphragm 11 is preferably concaved or bowed upwardly, as indicated at 18, so as to cause the liquid within the chamber 14 to be deflected downwardly toward the perforations 17, and thereby prevent the liquid from passing through the brush-receiving opening.

By having the side walls of the cap curved laterally between the flanges 8, as shown, the area of the chamber 14 is materially increased and the moisture more uniformly fed to the perforations in the lower diaphragm.

In operation a small quantity of water is poured into the cup 15', which flows through the perforations 16 and saturates the sponge, and thereby supplies the necessary moisture to the neck of the bottle. In using the brush the latter is moved longitudinally through the alined openings in the diaphragms and immersed or partially immersed in the mucilage, after which the cap is detached and the mucilage applied to the surface to be gummed in the usual manner.

When the device is not in use, the brush is elevated, as shown in Fig. 2, and in which position the moisture from the sponge will retain the bristles in a soft pliable condition.

In Fig. 4 of the drawings there is illus-



trated a modified form of the invention in which the side walls of the cap are smooth and unobstructed, the diaphragms 10' and 11' being disposed parallel to each other and  
5 soldered or otherwise rigidly secured to the interior walls of said cap, as shown,

In order to saturate the sponge the cap may be submerged in water preparatory to using the same and additional liquid supplied  
10 to the sponge from time to time by pouring the water into the cup, as before stated.

In some cases the perforations 16 and 16' will be dispensed with, the upper disk or diaphragm being formed imperforate and the liquid poured into the sponge-chamber through  
15 the brush-receiving opening.

Having thus described the invention, what is claimed is—

1. A cap for receptacles having a chamber  
20 adapted to contain an absorbent material and provided with perforations for supplying moisture to the neck of the receptacle said chamber being pierced by alined openings to permit the passage of a brush.

25 2. A cap for receptacles having a chamber adapted to contain an absorbent material and provided with a perforated bottom extending transversely across the neck of the bottle at the mouth thereof for supplying moisture  
30 to said receptacle.

3. A cap for receptacles having a chamber adapted to contain an absorbent material and provided with perforations for supplying moisture to the neck of the receptacle, and a  
35 cup adapted to receive the liquid for saturating the absorbent material.

4. A cap for receptacles comprising a body portion provided with spaced diaphragms defining a chamber for the reception of an absorbent material, one of said diaphragms being adapted to engage the neck of the receptacle and provided with perforations for supplying moisture to the receptacle.  
40

5. A cap for receptacles comprising a body  
45 portion provided with spaced perforated diaphragms defining a chamber for the reception of an absorbent material, there being

alined openings formed in the diaphragms to permit the passage of a brush.

6. A cap for receptacles comprising a body  
50 portion provided with spaced diaphragms defining a chamber adapted to receive an absorbent material, one of said diaphragms being concavo-convex and provided with perforations for supplying moisture to the neck  
55 of the bottle.

7. A cap for receptacles comprising a body portion having its side walls bowed laterally and provided with spaced diaphragms defining a chamber adapted to receive an absorbent material, one of said diaphragms being curved upwardly and provided with perforations for supplying moisture to the neck of the bottle and the other diaphragm provided with means for supplying liquid to the absorbent material.  
65

8. A cap for receptacles comprising a body portion, a perforated diaphragm spaced inwardly from one end of the body portion, a second diaphragm spaced from the first diaphragm to form a chamber and defining a depending flange adapted to engage the neck of the bottle, and an absorbent material disposed within the chamber, one of said diaphragms being adapted to engage the neck  
75 of the receptacle and provided with a plurality of perforations for supplying moisture thereto.

9. A cap for receptacles comprising a body portion having its side walls curved laterally and provided with annular grooves, and spaced perforated diaphragms seated in said grooves and defining a chamber adapted to receive an absorbent material, there being alined openings formed in the diaphragms  
85 for the reception of a brush.

In testimony that I claim the foregoing as my own I have hereto affixed my signature in the presence of two witnesses.

SARAH LAMBERT BAILEY.

Witnesses:

GEORGE M. MOORE,  
HATTIE ROBERTSON.