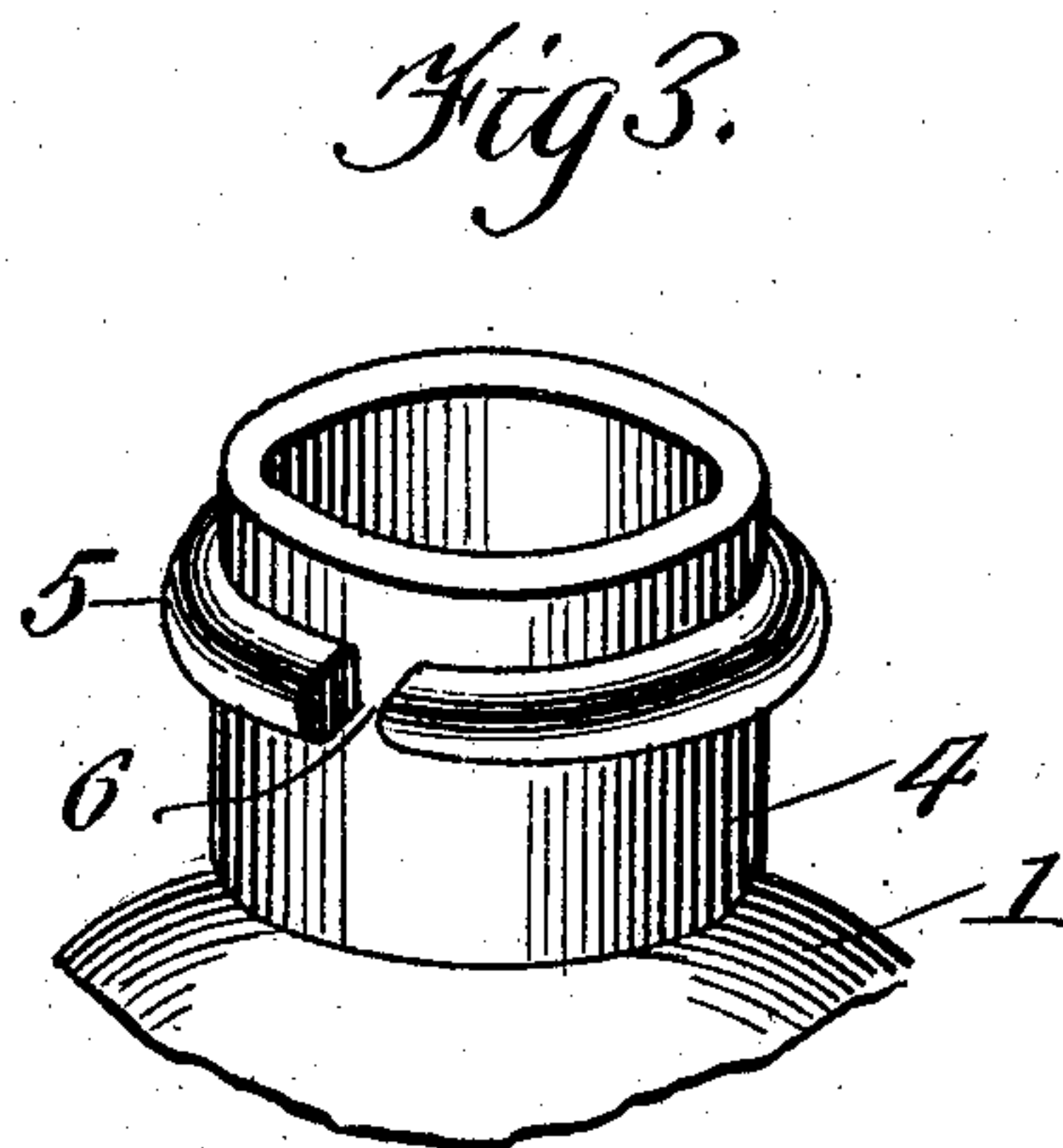
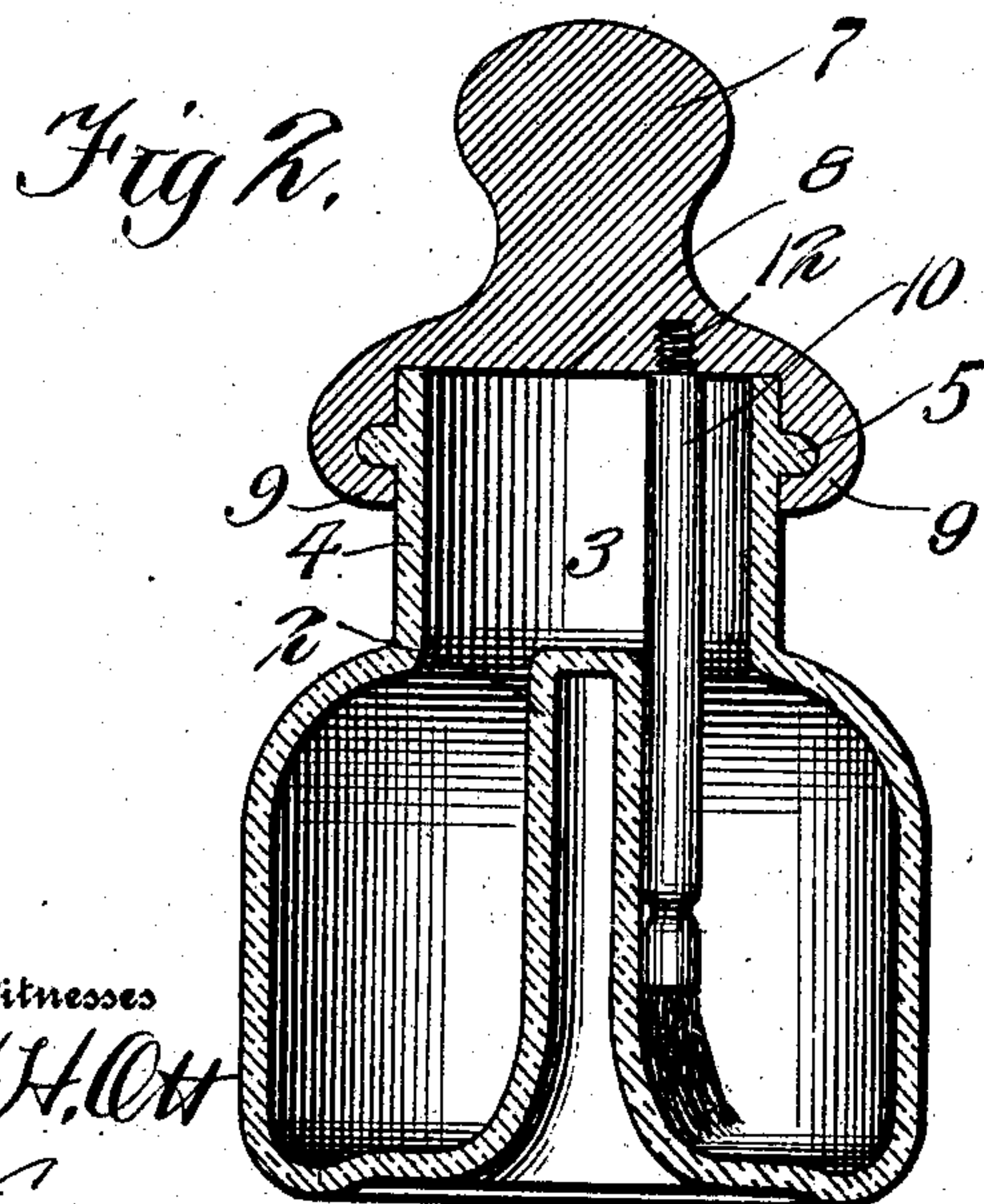
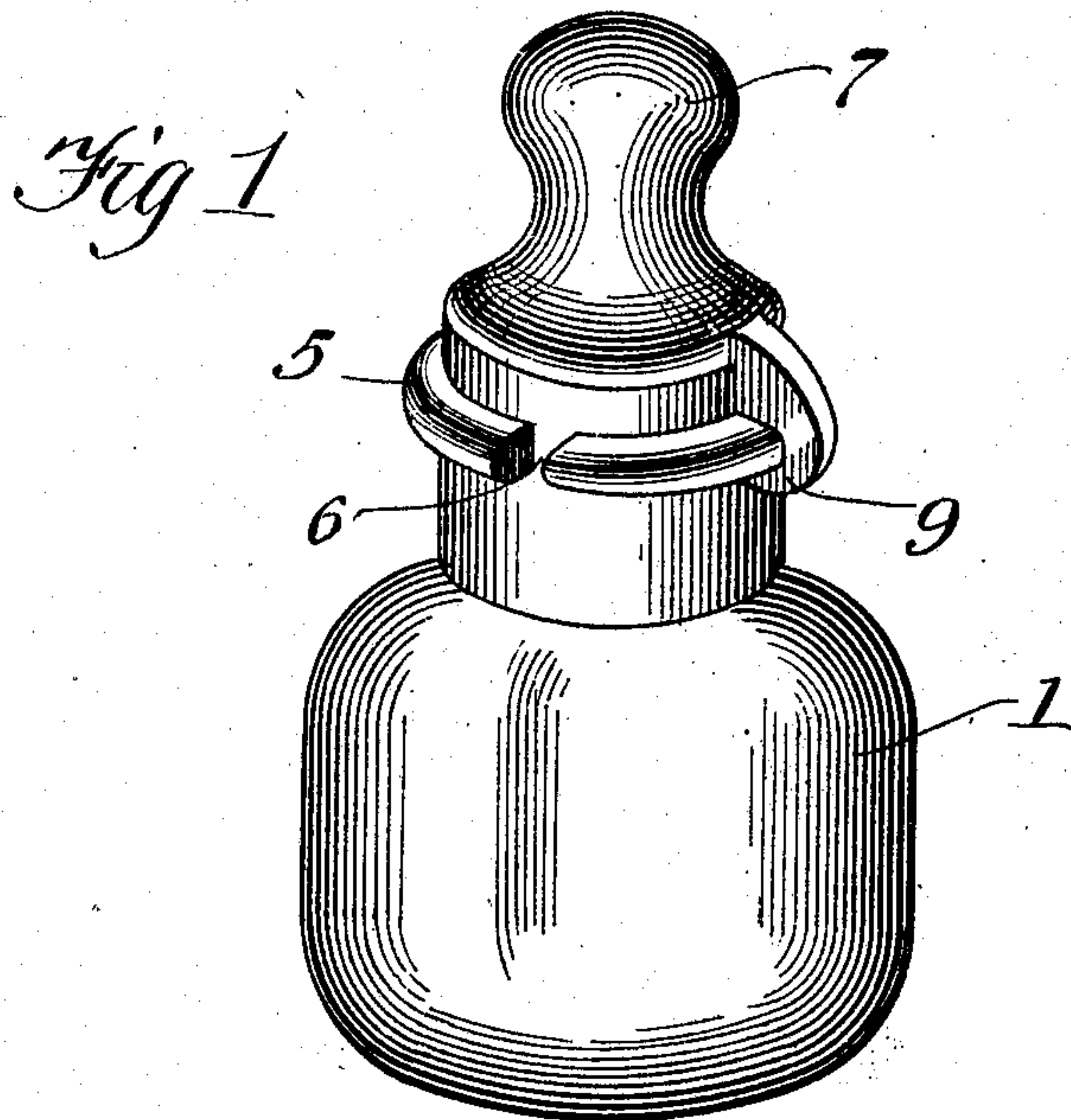


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BOTTLE.

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Patented Apr. 27, 1909.



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RICHARD L. WILLIAMS, OF BIRMINGHAM, ALABAMA.

BOTTLE.

No. 919,987.

Specification of Letters Patent.

Patented April 27, 1909.

Application filed July 31, 1908. Serial No. 446,293.

To all whom it may concern:

Be it known that I, RICHARD L. WILLIAMS, a citizen of the United States, residing at Birmingham, in the county of Jefferson and State of Alabama, have invented new and useful Improvements in Bottles, of which the following is a specification.

This invention relates to bottles designed more particularly for containing paste, mucilage or other adhesive material, and one of the principal objects sought to be attained is to provide a bottle and brush for applying adhesive material which will not cause an accumulation of hardened gum upon the mouth of the bottle which will cause the brush to adhere thereto and which will prevent the removal of the stopper or cap.

Mucilage bottles, as at present constructed, are open to the objection that the mucilage accumulates upon the mouth of the bottle and the brush adheres to this accumulation and renders it difficult to remove the stopper, and to detach the brush. This accumulation on the neck of the bottle is caused by wiping the brush thereon to remove the surplus material when the brush is used. It is to overcome the defects referred to and to provide a bottle in which the brush will not adhere to the neck and to provide a convenient projection upon which to remove the surplus material from the brush in using the same, that my invention is designed.

The objects and advantages hereinbefore referred to may be attained by means of the construction illustrated in the accompanying drawing, in which:

Figure 1 is a perspective view of a bottle and stopper therefor, made in accordance with my invention, Fig. 2 is a central vertical section taken through the same, Fig. 3 is a detail perspective view of the neck and mouth of a bottle embodying my invention.

Referring to the drawing numeral 1 designates a bottle which may be of any suitable size or shape and designed for the purpose of containing an adhesive compound like mucilage or paste. Extending centrally up within the bottle is a hollow stem or projection 2, the upper surface of which may be flat as shown or of other shape and designed for the purpose of removing the surplus material

from the brush after it has been withdrawn from the bottle. The neck 4 of the bottle is preferably quite large relatively to the size of the bottle, said neck being plain upon its interior surface. Upon the outer side a bead 5 is formed, said bead being cut away at opposite sides as at 6 for a purpose which will presently appear.

The stopper consists of a knob or handle 7 having a plain interior shoulder 8 which fits against the upper edge of the mouth of the bottle. At opposite points inwardly extending hooks or ears 9 are formed on the stopper, said hooks being of a width slightly less than the cut away portion 6 of the bead 5.

The brush comprises the handle portion 10 which may be made of metal or any suitable material and clamped at the lower end of the handle are the bristles or other suitable brush elements 11. The brush is preferably, although not necessarily, secured to the stopper of the bottle to be removed therefrom. As shown, the upper end of the handle 10 is screw threaded as at 12 to fit a threaded socket in the stopper, said socket being located at one side of the center of the stopper in order that the brush may be rotated around the stem 2 of the bottle in securing and removing the stopper.

The manner of using the bottle and brush may be briefly referred to as follows; to remove the stopper and brush, the stopper is slightly rotated until the hooks 9 come into coincidence with the cut away portions 6 of the bead 5. The stopper may then be withdrawn, and the brush which has been immersed in the adhesive material may be wiped off to remove the surplus adhesive matter upon the top of the stem 2 and is then ready for use. The brush and stopper may be secured to the bottle without causing an accumulation of gum upon the mouth of the bottle, owing to the size of the neck and the relative disposition of the brush.

From the foregoing it will be obvious that a bottle and stopper made in accordance with my invention is cleanly, can be repeatedly used without the annoyances referred to, can be manufactured at low cost, and should meet with general approval.

I claim:

A bottle provided with an interior centrally disposed stem projecting upward from the bottom of the bottle and closed at its upper end, the said stem being designed for the purpose of removing the surplus material from a brush, in combination with a stopper having a brush secured to one side of the

center thereof to occupy a position at the side of the stem when the bottle is closed. 10

In testimony whereof I affix my signature in presence of two witnesses.

RICHARD L. WILLIAMS.

Witnesses:

S. D. MURPHY,
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