

(No Model.)

L. F. ANSCHUTZ
MUCILAGE BOTTLE.

No. 597,350.

Patented Jan. 11, 1898.

Fig. 1.

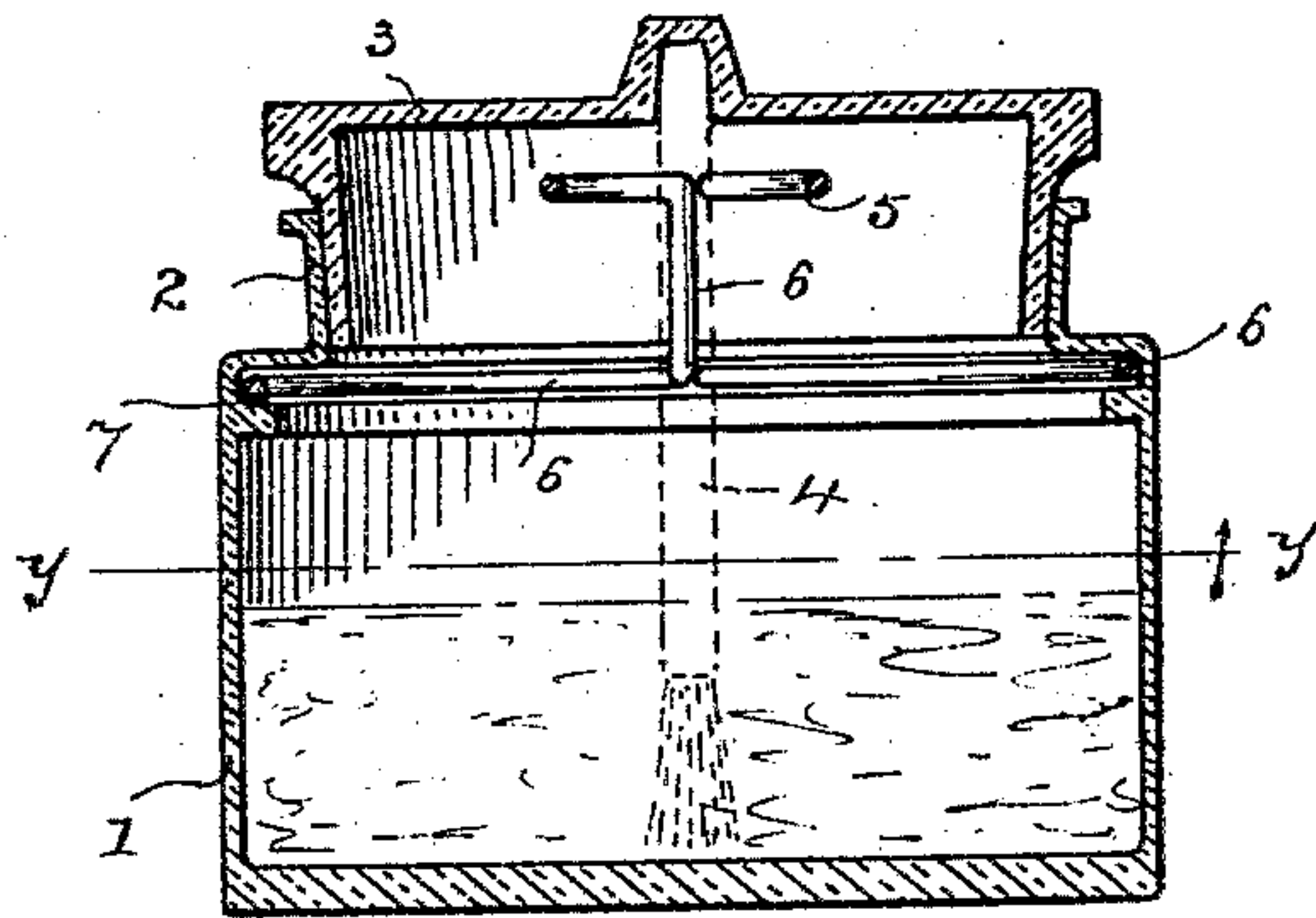


Fig. 2.

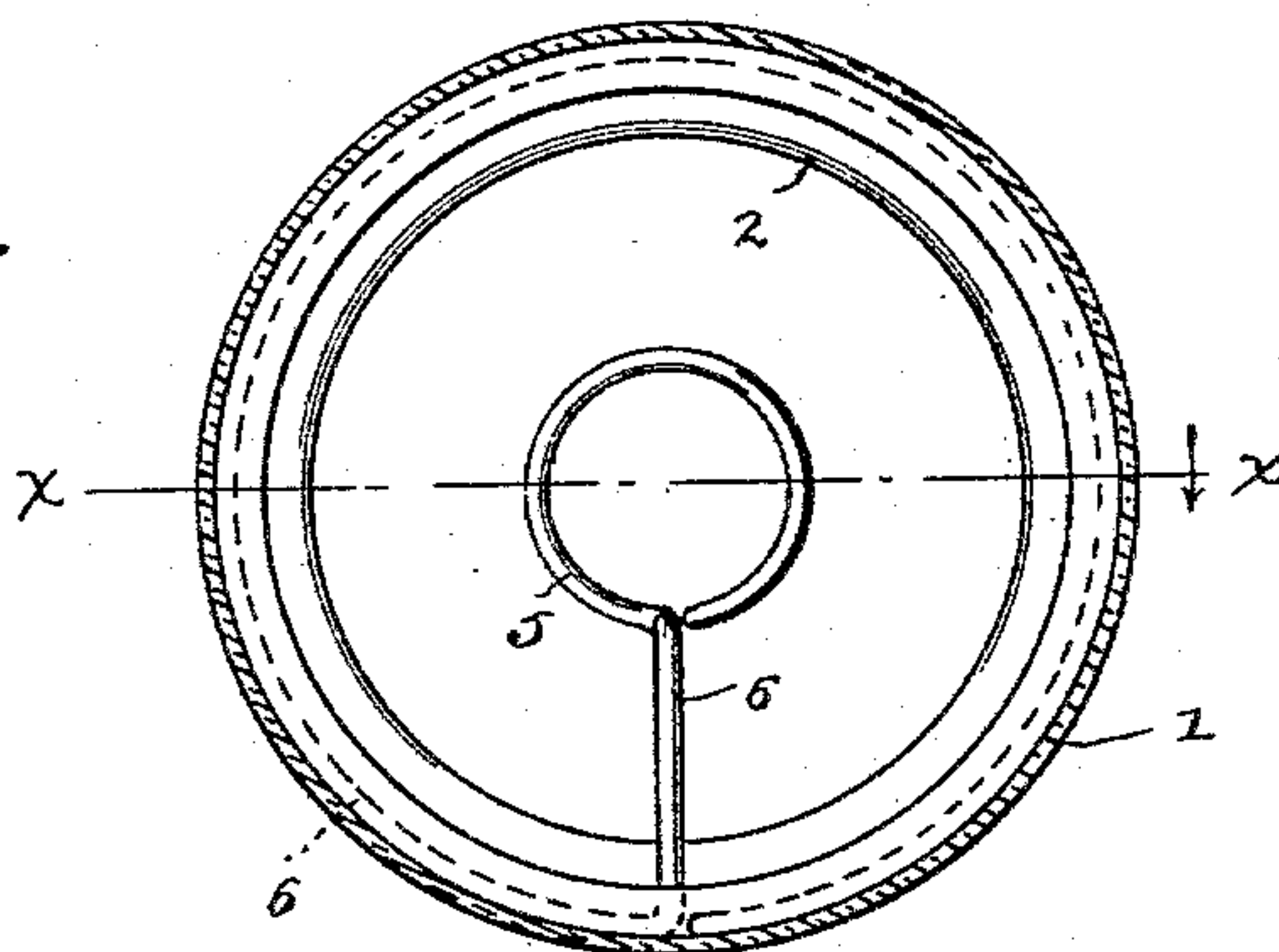
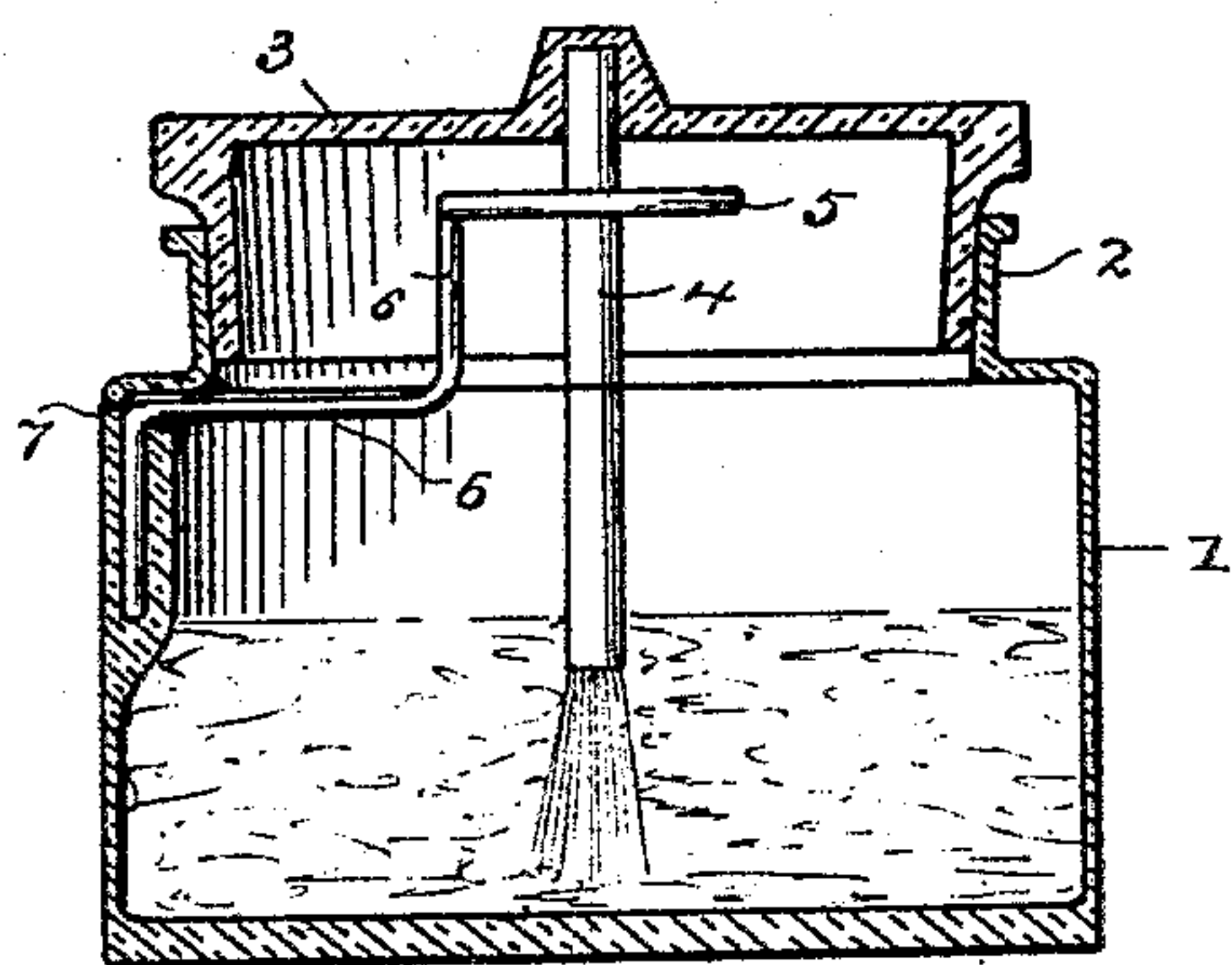


Fig. 3.



WITNESSES

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MUCILAGE-BOTTLE.

SPECIFICATION forming part of Letters Patent No. 597,350, dated January 11, 1898.

Application filed April 29, 1897. Serial No. 634,368. (No model.)

To all whom it may concern:

Be it known that I, LOUIS F. ANSCHUTZ, a citizen of the United States, residing at Ansonia, in the county of New Haven and State of Connecticut, have invented certain new and useful Improvements in Mucilage-Bottles; and I do hereby declare the following to be a full, clear, and exact description of the invention, such as will enable others skilled in the art to which it appertains to make and use the same.

My invention has for its object to produce a mucilage-cup which shall be perfectly air-tight, will remain air-tight, so as to prevent evaporation, and the neck of which may be kept clean without inconvenience, as the mucilage will be prevented from coming in contact therewith.

With these ends in view I have devised the novel mucilage-cup of which the following description, in connection with the accompanying drawings, is a specification, numbers being used to designate the several parts.

Figure 1 is a vertical section on the line xx in Fig. 2; Fig. 2, a transverse section on the line yy in Fig. 1, looking up; and Fig. 3 is a sectional view similar to Fig. 1, but illustrating a slight change in the mode of construction.

1 denotes the bottle, which may be of any desired shape, but which is provided with a wide neck 2.

3 denotes the stopper, which is preferably made of glass and fits the neck closely, both neck and bottle being ground, so as to make an air-tight connection.

4 denotes the brush, which is rigidly fixed in the stopper, ordinarily the upper end of the brush-handle being molded into the stopper, as clearly indicated in Fig. 3.

The essential feature of my invention is that I provide in the neck of the bottle a ring 5, the shank 6 of which is rigidly secured in the bottle. This ring is much smaller than the neck of the bottle, but much larger than the brush, so that the brush will pass through it easily and without contact, the object of the ring being to prevent the brush from coming in contact with the neck of the bottle in either removing or replacing it and to provide a convenient scraper with which to remove surplus mucilage, the latter dropping down into the bottle without coming in contact with the neck of the bottle.

In Fig. 1 I have shown the bottle as pro-

vided with an internal groove 7, in the present instance, although not necessarily, just under the neck of the bottle. The shank is made long enough to pass entirely around the inner side of the body and to fit closely in this groove, thereby holding the ring rigidly in position.

In the form illustrated in Fig. 3 the shank of the ring is shown as molded into the bottle.

I have shown the ring and shank as made of wire and in a single piece; but either the ring or shank, or both, if preferred, may be made of sheet metal.

In use it will be seen that the stopper fits the neck of the bottle closely, so that even should the bottle be shaken about the mucilage will not get between the stopper and the bottle. In withdrawing and replacing the brush it is passed through the ring, and surplus mucilage may be removed from the brush by drawing it over the ring, the mucilage dropping back into the bottle and not coming in contact with the neck of the bottle. Both neck and stopper are thus kept perfectly clean in use, so that the stopper may be readily removed at any time and mucilage will be prevented from accumulating either upon the stopper or the bottle-neck.

Having thus described my invention, I claim—

1. A mucilage-bottle having a wide neck and within the neck and at a distance from the inner periphery thereof a ring and a shank rigidly secured in the bottle by which the ring is held in place, and a stopper or cover carrying a brush adapted to be supported within the ring by said cover out of contact with the ring.

2. A mucilage-bottle provided with a wide neck ground upon its inner surface, a glass stopper ground to fit the neck, a brush rigidly fixed in the stopper and a ring secured in the neck of the bottle through which the brush is passed and which is adapted to remove surplus mucilage from the brush and to prevent the mucilage from coming in contact with the neck of the bottle, the stopper being adapted to support the brush within the ring and out of contact therewith.

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

LOUIS F. ANSCHUTZ.

Witnesses:

LAURENCE K. BLACKMAN,
GEORGE MORRISON.