

(No Model.)

E. R. CAHOONE.

MUCILAGE HOLDER.

No. 299,957.

Patented June 10, 1884.

Fig. 1.

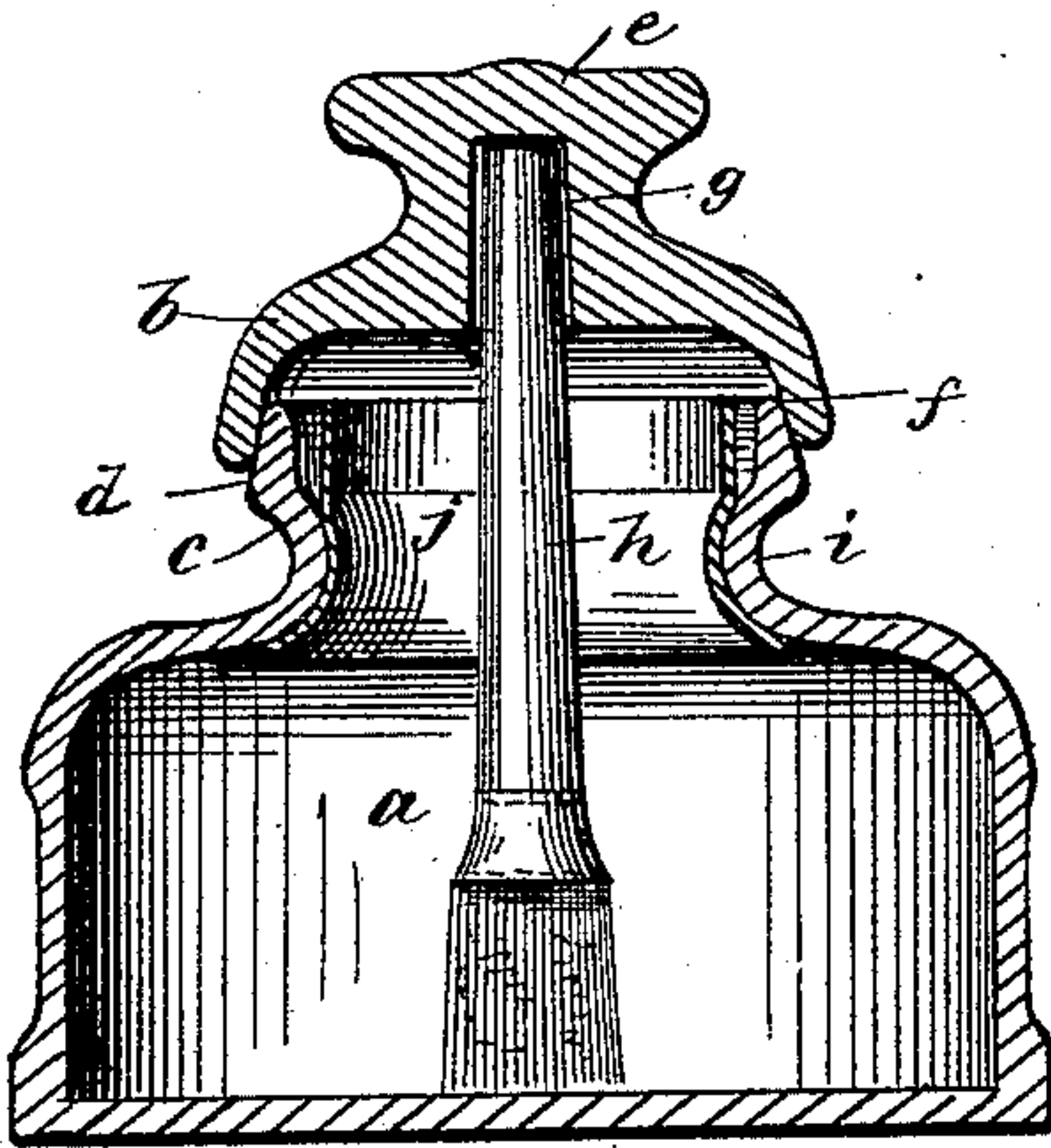


Fig. 2.

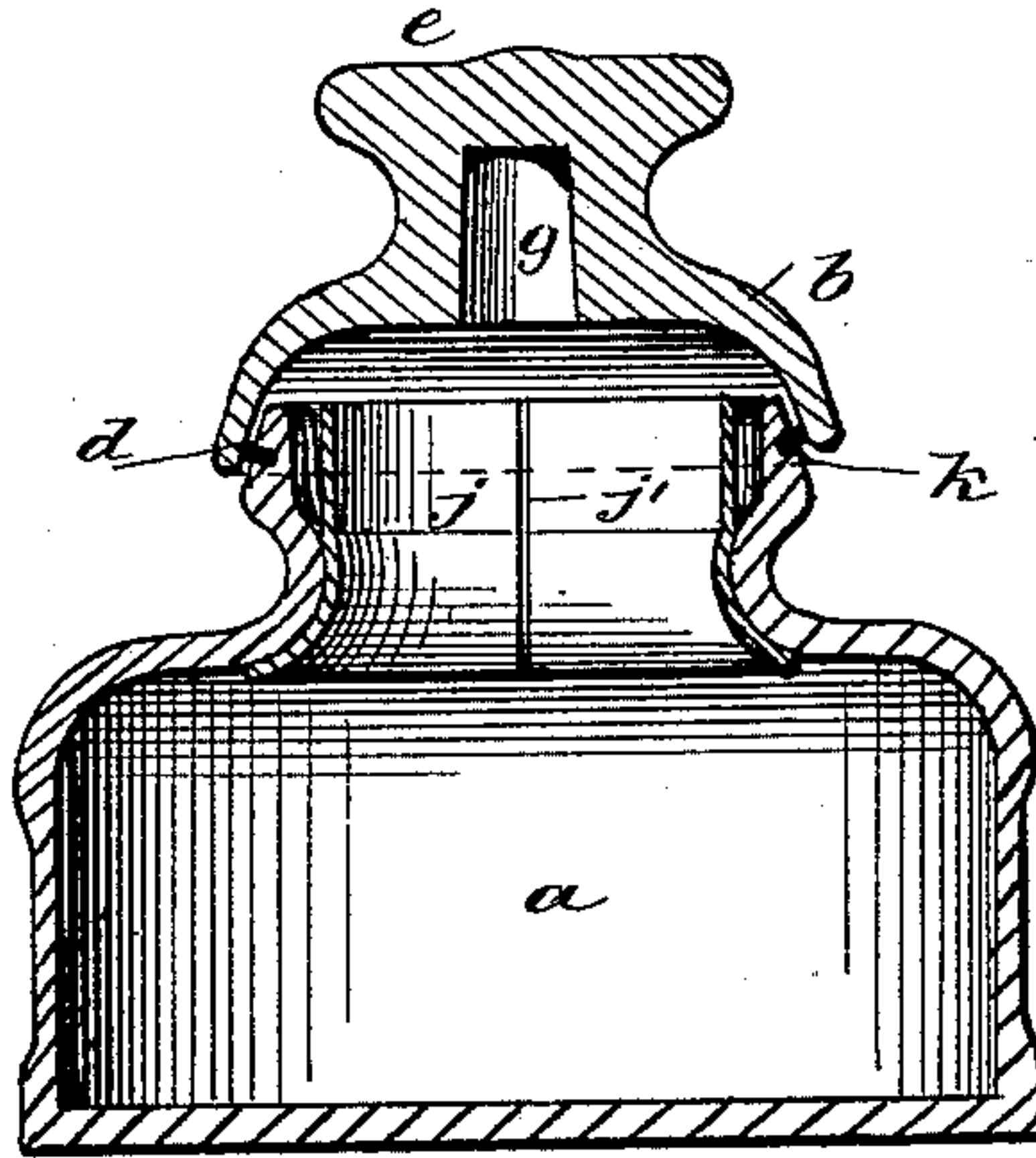
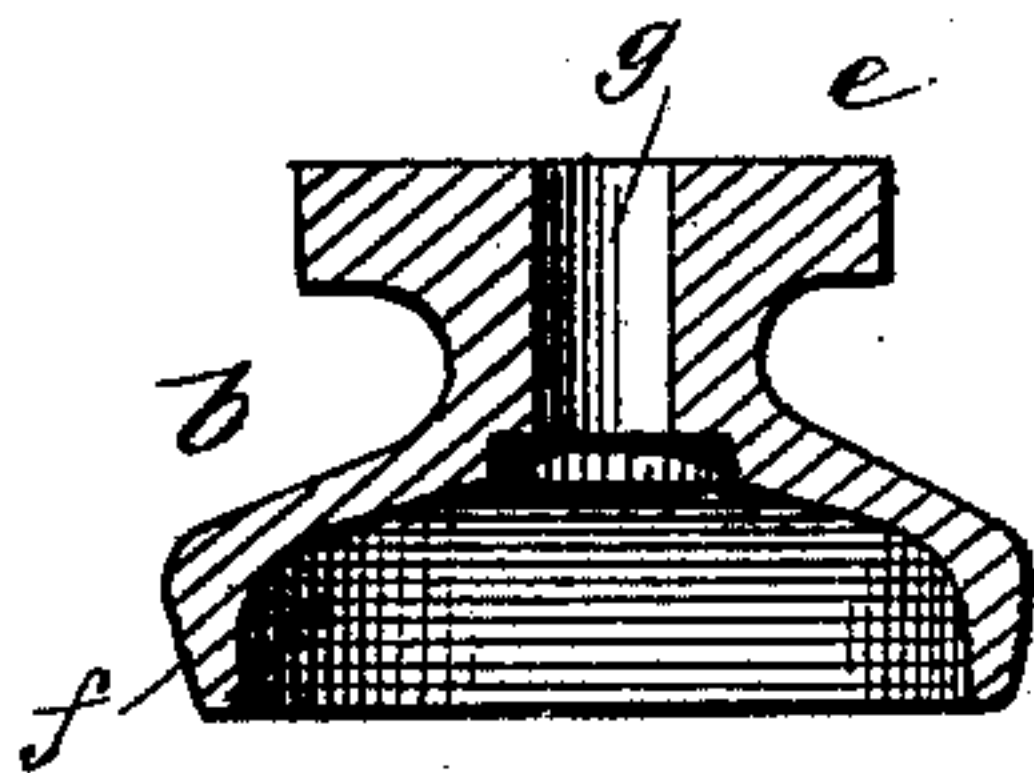


Fig. 3.



WITNESSES

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# UNITED STATES PATENT OFFICE.

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## MUCILAGE-HOLDER.

SPECIFICATION forming part of Letters Patent No. 299,957, dated June 10, 1884.

Application filed June 18, 1883. (No model.)

*To all whom it may concern:*

Be it known that I, EDWIN R. CAHOONE, a citizen of the United States, residing at Newark, in the county of Essex and State of New Jersey, have invented certain new and useful Improvements in Mucilage-Holders, of which the following is a full, clear, and exact description.

This invention has for its object the production of a cheap, durable, and simple portable air-tight mucilage-holder, whereby the prevention of the drying of the mucilage by evaporation is secured, and also the prevention of the accumulation of mucilage about the mouth of the vessel, incident to the use of the brush.

The invention consists in a mucilage holder or bottle having its mouth so formed and its stopper or cover so fitted thereto as to form a practically air-tight joint between the two when the stopper or cover is in place, and also having a brush inclosed in said holder, and an upright lip projecting into the mouth of the same, whereby a convenient means is had for wiping surplus mucilage from the brush, thus insuring against the accumulation of mucilage about the mouth of the bottle, all as hereinafter specified and claimed.

In the accompanying drawings, in the several figures of which like parts are similarly designated, Figure 1 is a vertical central section of a bottle containing one form of my invention; Fig. 2, a similar view of a different form of air-tight joint, and Fig. 3 a vertical section of a cover or stopper wherein the brush-handle-receiving socket extends all the way through.

In constructing my invention, with the objects thereof, as stated, in view, I prefer to, but do not necessarily, make the mouth rather large, and the general shape and size I leave to the discretion of the manufacturer, and to be decided by the uses to which the holder is to be put. I prefer vitreous material for both bottle *a* and stopper *b*. In Fig. 1 the mouth *c* of the bottle or holder is of the shape of a truncated cone, and its external surface, *d*, is ground, after the manner of grinding glassware generally. The stopper *b* is of the shape of an inverted shallow goblet, has a knob or handle, *e*, and a lip, *f*, which is ground where it is shaped to closely fit the ground portion of the

mouth of the bottle, so that when the stopper is fitted to the bottle the joint is air-tight and the evaporation of the contents of the bottle prevented. The knob or stem of the stopper or cover *b* is recessed at *g* interiorly, to have crowded within it and to tightly hold the handle of a brush or equivalent mucilage-applying device, *h*, so that said brush or device shall be wholly inclosed within an air-tight receptacle when the stopper is in place, thus rendering loss of mucilage by drying or evaporation impossible, or at least reducing this evil to a minimum.

The neck of the bottle is preferably provided with an internal bead or shoulder, *i*, which serves to receive a split tube of metal, shaped to fit said bead or shoulder and to retain itself in position thereupon in the neck by its elasticity. The upper edge of this split tube has upright or vertical walls, which extend to or just beyond the level of the walls or lips of the mouth of the bottle and stand off from said lips into the mouth. This tube constitutes a wiper, *j*, upon which the brush may be freed from surplus mucilage, the mucilage being directed by said wiper back again into the bottle, thus saving smearing the bottle, loss of mucilage, and the accumulation of mucilage about the mouth of the bottle.

In packing mucilage in my bottles for transportation, the brush and wiper may be put up separately from the bottle, and the mouth of the bottle closed, as usual, with cork, and the stopper covering it. When bought for use, the cork is removed, the wiper compressed and sprung into the neck of the bottle, and the brush crowded tight into the cover-socket and the cover applied.

The character of the wiper as a split tube is best illustrated in Fig. 2, where *j'* shows the division or split.

Instead of a ground joint for the stopper and bottle, I may make an air-tight joint by a gasket, *k*, of rubber or other material, and apply the same to the mouth of the bottle, or to a stopper interiorly or exteriorly, and as such application is obvious I have thought it necessary to illustrate but one form thereof. In Fig. 3 I have shown this form of stopper provided with a brush-hole entirely through it, although this is not a preferred form, as it



is difficult to make thereof an air-tight joint with the brush-handle.

Instead of a wiper made as a split tube, I may use a drawn or other whole tube spun into place in the neck; or I may so shape the neck as to receive and hold the tube without other fastenings. I have purposely designated the wiper *j* in order to show that I regard detachable and permanent devices of the character herein described and shown as equivalents, and I may remark that I regard the split tube as the best embodiment of my invention in this particular.

What I claim is—

1. The herein-described mucilage-holder, consisting of the bottle *a*, having the cover-engaged external surface, *d*, the cover *b*, having the lip *f*, to engage the said surface to make an air-tight joint, and a wiper, *j*, in the mouth of the bottle, substantially as shown and specified.

2. In a mucilage-holder, the combination, substantially as shown and described, of the bottle *a*, having the external surface, *d*, prepared to make an air-tight joint with the cover, the cover *b*, having the lip *f* to engage such prepared surface, the brush *h*, fitted inside the cover to enter and be inclosed within the bottle, and the wiper *j*, standing upright in the mouth of the bottle, as set forth.

3. In a mucilage-holder, the combination, substantially as shown and described, of the vitreous bottle *a*, having the surface *d* ground to make a tight joint with the cover, the vitreous cover *b*, having the ground lip *f*, to engage such surface *d*, the brush *h*, made tight in said cover, the split tube *j*, standing upright in the mouth of the bottle and extending to or beyond the level of the mouth of the bottle, and constituting a wiper for the brush, as and for the purpose set forth.

4. The herein-described mucilage-holder, adapted to prevent the evaporation of liquid mucilage and the accumulation of hardened gum within and around the mouth thereof, the same consisting of the bottle *a*, having a ground surface, *d*, to engage with the cover, and having a wiper, *j*, in the mouth of said bottle, and a cover, *b*, inclosing the wiper, and having a ground surface to engage and form an air-tight joint with the ground surface of the bottle, and a depending brush secured to said cover, arranged and operating substantially as set forth.

In testimony whereof I have hereunto set my hand this 16th day of June, A. D. 1883.

EDWIN R. CAHOONE.

Witnesses:

EDWARD S. BLACK,  
W. F. MASTIN.