

W. C. WAITE.
MUCILAGE BOTTLES.

No. 172,593.

Patented Jan. 25, 1876.

Fig. 1.

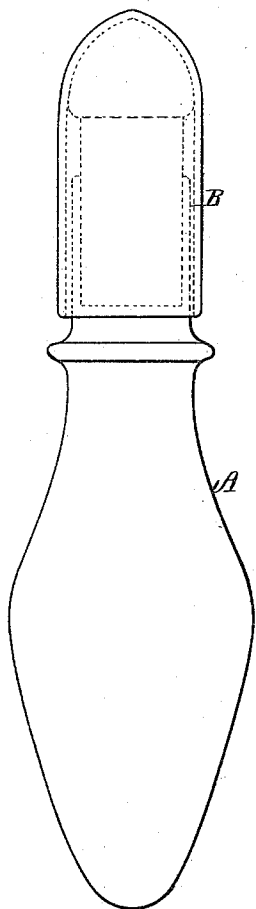
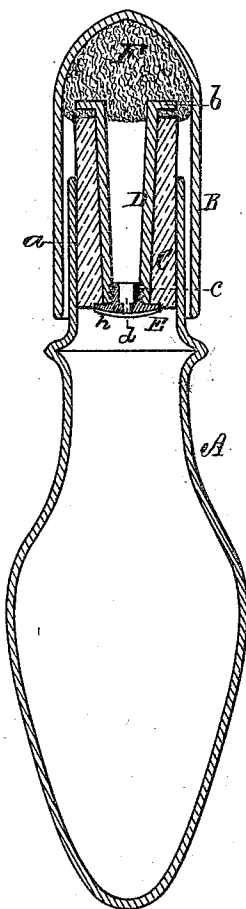


Fig. 2.



Witnesses
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IMPROVEMENT IN MUCILAGE-BOTTLES.

Specification forming part of Letters Patent No. **172,593**, dated January 25, 1876; application filed December 16, 1875.

To all whom it may concern:

Be it known that I, WILLIS C. WAITE, of Boston, in the county of Suffolk and State of Massachusetts, have invented a new and useful Improvement in Mucilage Bottles or Holders; and do hereby declare the same to be fully described in the following specification and represented in the accompanying drawings, of which—

Figure 1 is a side view, and Fig. 2 a longitudinal section, of one of my improved articles with its expansive stopper.

The said mucilage-holder is provided with a sponge for absorbing the liquid and spreading it on a surface. It also has an expansive cork or stopper, and, besides, it is provided with a tubular expander and a perforated screw thereto, such expander being not only to aid in fixing the sponge to the cork, but in suspending the latter and carrying the liquid to the sponge.

In the drawings, A denotes a bottle, having a glass or metallic bell-cap or cover, B, to its mouth part *a*, the latter being a cylindrical tube, upon which the cover fits, as shown. There is to the mouth part *a* an elastic cork or stopper, C, of vulcanized india-rubber. Extending through the stopper C lengthwise is a tapering tube, D, flanged at its upper or outer end, as shown at *b*, and having in its lower end a female screw, *c*, to receive a male screw, E, provided with a nicked head, *h*, and having a hole, *d*, through it axially. The sponge F is fastened upon the flanged end of the expander by being lapped over the flange, and tied to the expander by a thread wound about the two. By screwing up the screw E, the stopper will be contracted lengthwise, and

consequently expanded transversely, so as to cause it to closely fit the neck of the bottle. The cork or stopper abuts directly against the sponge and aids in holding it, in connection with the expander. When the bottle is charged with mucilage or other liquid, the latter will, on the bottle being turned on its side, flow through the screw E and the expander, and pass into the sponge, by which the liquid will be absorbed. In this state the bottle may be used for spreading, by means of the sponge, the mucilage or liquid on a surface.

A bottle having the sponge, the expansive cork, and means of expanding the latter, as described, may not only be employed to advantage for holding mucilage and applying it to paper, but is very serviceable for holding shoe blacking or dressing, and for applying such blacking or dressing to shoes or other articles. It is also useful to artists for preserving a liquid color and applying it to a surface.

I make no claim to a bottle provided with a hollow screw-cap, furnished with a brush, nor with a cover to the whole, all being as shown in the United States Patent No. 66,447. I do not employ a brush, but instead thereof use a sponge, which is preferable for many purposes and on several accounts.

I claim—

In the described mucilage-holder, the expansive stopper C, and the tubular expander D, and screw E, in combination with the sponge F and bottle A, substantially as specified.

W. C. WAITE.

Witnesses:

R. H. EDDY,
J. R. SNOW.