

(No Model.)

W. H. REDINGTON.

MUCILAGE BOTTLE.

No. 336,945.

Patented Mar. 2, 1886.

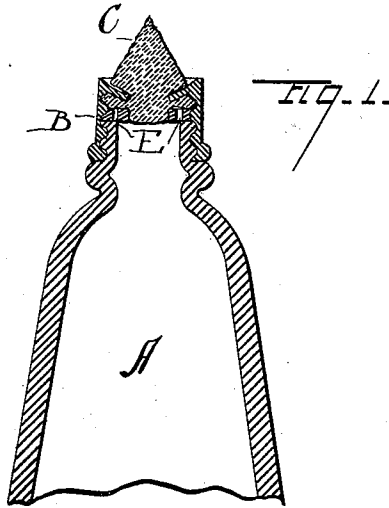


FIG. 2.

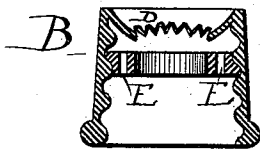


FIG. 3.

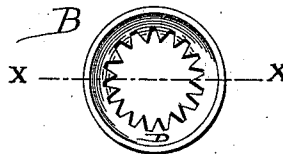
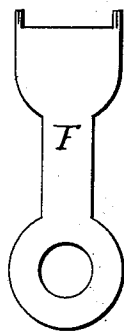


FIG. 4.



WITNESSES

W. Jare'
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INVENTOR

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ATTORNEYS

UNITED STATES PATENT OFFICE.

WILLIAM H. REDINGTON, OF CHICAGO, ILLINOIS, ASSIGNOR OF ONE-HALF
TO WILLIAM RODIGER, OF SAME PLACE.

MUCILAGE-BOTTLE.

SPECIFICATION forming part of Letters Patent No. 336,945, dated March 2, 1886.

Application filed December 29, 1885. Serial No. 186,973. (No model.)

To all whom it may concern:

Be it known that I, WILLIAM H. REDINGTON, a citizen of the United States, residing at Chicago, Illinois, have invented certain new and useful Improvements in Mucilage-Bottles, of which the following is a specification.

In the drawings, Figure 1 is a vertical longitudinal sectional view of my improvement in mucilage-bottles; Fig. 2, a vertical sectional view of the top of the mucilage-bottle with the sponge removed; Fig. 3, a plan view of such top; and Fig. 4, a plan view of the key for use in attaching the parts together.

A is the mucilage-bottle; B, the top of the same; C, the sponge; D, a toothed flange on the interior of the top; E, a ring for compressing and holding the sponge in place, and F a key for screwing such ring into position.

In making my improvement in mucilage-bottles, I make the top or cap, which contains the sponge through which the mucilage is distributed, with a toothed flange around its inner side. This flange inclines downward, as shown in Fig. 2, so as to form an incline or cup to catch any mucilage that otherwise would run from the sponge down the sides of the bottle. The lower interior portion of the top or cap is provided with screw-threads, to enable it to be screwed onto the glass neck of the bottle, which, of course, is provided with corresponding threads to receive it. I extend these screw-threads up to about the toothed flange, and provide a ring with a hole in its middle to permit the passage of the mucilage, and with a thread to enable it to be screwed onto the neck of the bottle. In screwing this ring into position I use a key like that shown

in Fig. 4, provided with projections which are inserted into holes in the ring, thus enabling it to be screwed into place. The position of the parts will be readily understood by reference to Figs. 1 and 2.

In using my improvement I take the top, prepared as above described, and squeeze the lower end of the piece of sponge, properly shaped, through the hole of the toothed flange in the top until as much of its lower end is below such flange as desirable. I then take the ring above mentioned and screw it up into the top or cap until it presses the sponge between it and the lower side of the toothed flange enough to prevent the withdrawal or distribution of the sponge. After the sponge is in place and the ring screwed up against its lower side, so as to hold it securely in place, I screw the cap onto the neck of the mucilage-bottle, when the same is ready for use.

What I claim as new, and desire to secure by Letters Patent, is—

1. In a cap or top for mucilage-bottles, the combination of an interior-toothed sponge-holding flange and a sponge compressing and holding ring, substantially as described.

2. In a cap or top for mucilage-bottles, the combination of an interior-toothed sponge-holding flange, a distributing-sponge, and a sponge compressing and holding ring, whereby the lower end of the sponge is held against the toothed flange, substantially as described.

WILLIAM H. REDINGTON.

Witnesses:

EPHRAIM BANNING,
THOMAS A. BANNING.