

L. RHOADES.
Stoppers for Bottles.

No. 141,950.

Patented August 19, 1873.

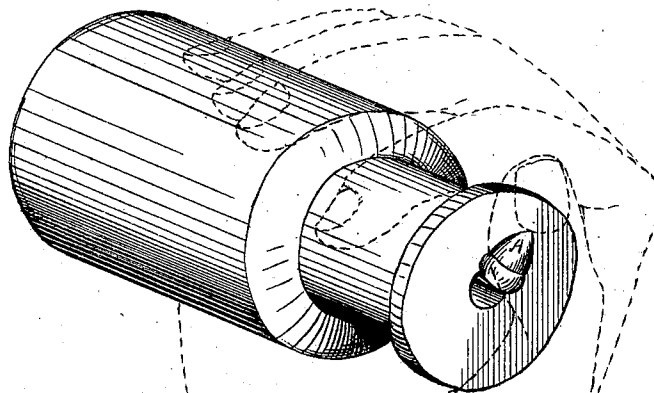


FIG. 1.

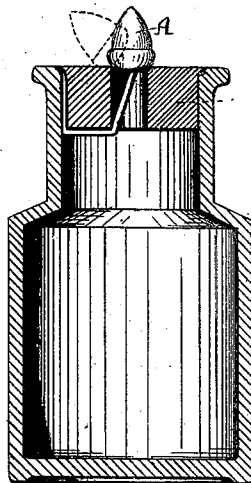


FIG. 2.

WITNESSES.

INVENTOR.

Walter Blinnett

Nathaniel L. Morgan

Lawrence Rhoades

UNITED STATES PATENT OFFICE.

LAWRENCE RHOADES, OF PROVIDENCE, RHODE ISLAND, ASSIGNOR OF
ONE-HALF HIS RIGHT TO WILLIAM E. CLARKE, OF SAME PLACE.

IMPROVEMENT IN STOPPERS FOR BOTTLES.

Specification forming part of Letters Patent No. 141,950, dated August 19, 1873; application filed
July 24, 1873.

To all whom it may concern:

Be it known that I, LAWRENCE RHOADES, of the city and county of Providence, in the State of Rhode Island, have made a certain new and useful Improvement in Stopples for Bottles; and I do hereby declare that the following specification, taken in connection with the drawing making a part of the same, is a full, clear, and exact description thereof.

Figure 1 shows the manner of removing the button. Fig. 2 shows its position after the thumb is removed.

My invention relates to that class of bottles which are commonly used for dentifrice or other dry pulverized substances, and consists in the device hereinafter described.

It is well known that powder of various kinds, and for various purposes, is put up, kept, and used from bottles which are made with a large mouth in order to facilitate its introduction. Dentifrice, which is usually put up in bottles of this class, and for which my invention is more particularly designed, is often wasted in considerable quantity, owing to the difficulty experienced in pouring a sufficiently small quantity from a bottle having so large a mouth. To avoid this waste, and at the same time to render the bottle capable of being used with greater facility, is the object of my invention, which I will now proceed to describe.

I take the bottle and cork now in use, and in the center of the latter make a hole of sufficient size to permit the passage of the powder in small quantities. To cover this hole

when the bottle is not in use, and not only prevent the powder from spilling, but protect it from damage from exposure to the air, I make use of a button or stopple, *a*, having attached to its under side a strip of rubber or other elastic material, which passes down through the hole in the cork *b*; the other end is secured by being wedged in between the cork and the glass. This strip of rubber holds the button *a* securely in place, and prevents the spilling of the powder, and protects it from the air.

The operation of my invention is as follows: Holding the bottle in the right hand, the thumb is pressed against the side of the button *a* with sufficient force to overcome the resistance of the rubber. The button *a* is thus pushed back, and the hole in the cork thus left free, the thumb remaining upon the button while the powder is being sprinkled upon the brush; but when a sufficient quantity of powder has been obtained the thumb is removed from the button, when the rubber spring causes it to fly back to its original position.

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

The device herein described, consisting of the button *a* with its elastic spring, in combination with the cork and bottle, the whole constructed and operating in the manner substantially as described.

LAWRENCE RHOADES.

Witnesses:

WALTER B. VINCENT,
NATHANIEL L. MORGAN.