

(No Model.)

E. TERRY.
MUCILAGE BOTTLE.

No. 519,051.

Patented May 1, 1894.

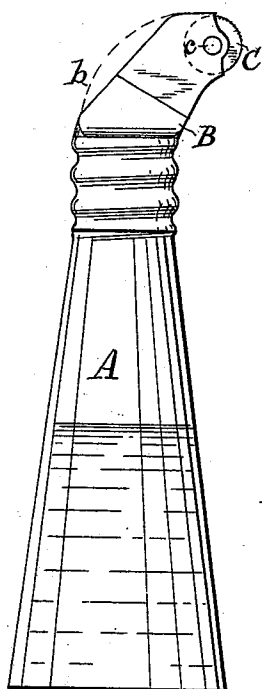


Fig. 1.

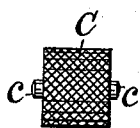


Fig. 2.

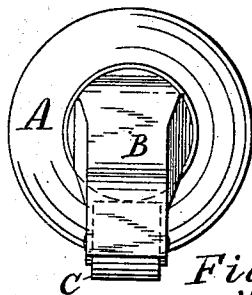


Fig. 3.

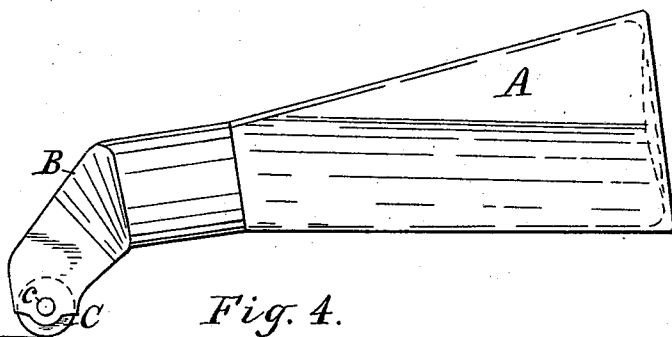


Fig. 4.

WITNESSES:

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UNITED STATES PATENT OFFICE.

EUGENE TERRY, OF ITHACA, NEW YORK, ASSIGNOR OF ONE-HALF TO
BRADFORD ALMY, OF SAME PLACE.

MUCILAGE-BOTTLE.

SPECIFICATION forming part of Letters Patent No. 519,051, dated May 1, 1894.

Application filed January 26, 1894. Serial No. 498,126. (No model.)

To all whom it may concern:

Be it known that I, EUGENE TERRY, of Ithaca, in the county of Tompkins, in the State of New York, have invented new and useful Improvements in Mucilage-Bottles, of which the following, taken in connection with the accompanying drawings, is a full, clear, and exact description.

My invention relates to certain improvements in mucilage bottles or holders provided with means for spreading or distributing the mucilage, and the object is to provide a distributor that will be more durable and efficient than those heretofore used. Heretofore, brushes, sponges, rubber rolls or other flexible materials have been used with little or no success because they soon became gummed and clogged by the mucilage, and were rendered useless before the mucilage was entirely used from the bottle. All flexible or soft rubber rolls are found to be worthless after a very short time and not only are they affected by the mucilage but by the air so that they become brittle and adhering to the sides of the cap and ears cannot be made to revolve even if considerable pressure or force is used. It will be obvious also, that the more pressure is used upon a rubber roll, that is pressure of a roll upon a surface upon which it is desirable to distribute mucilage, the more the said roll will expand and bind upon the walls of the cap, making it utterly impossible to turn the roll. With my invention the distributor never becomes clogged to any appreciable extent and no time is wasted in cleaning the roll every time it is used, as it cleans itself, and, as I have demonstrated by use, any number of bottles of mucilage may be used without injuring or rendering the distributor inoperative.

To this end my invention consists in the combination of a mucilage holder and a roller of non-flexible material closing the mouth of said holder.

My invention consists in the combination of a mucilage holder and a roller closing the mouth of the holder the said mouth lying to one side of the top of the holder.

My invention consists in certain other com-

binations hereinafter described and specifically set forth in the claims.

Referring to the drawings, Figure 1 is a side elevation of my invention. Fig. 2 is a view of the roll. Fig. 3 is a top plan view of Fig. 1, and Fig. 4 is a side elevation of the holder and distributor in its operative position, the bottle or holding part forming the handle for the operator as will be readily understood.

Referring specifically to the drawings, A is the bottle or holder for the mucilage which may be formed in any shape and of any suitable material, but preferably of glass because it is cheaper than most other materials.

B is a cap having preferably an elbow shape and provided at one end with thread which is pressed therein to correspond to thread on the neck of the bottle. The cap is made of thin metal and may be secured to the neck in any other suitable and well known manner desired. The elbow shaped cap is somewhat contracted toward its opposite end and the opening made square to receive and be closed by a metal roller C or a roller of some other hard or non-flexible material as hard rubber or fiber. The roller is provided with pintles c, c, which turn in perforations in the walls of the cap B. The periphery of the roller is preferably milled diagonally so that it will feed evenly and will not slip upon the surface without turning during distribution. The outer side b of the cap B may be made either flat or curved as shown by dotted lines in Fig. 1.

In Fig. 4 the cap B is shown without thread.

When not in use, the bottle is designed to stand as shown in Fig. 1, but when in use, the bottle is grasped by the hand, held in the position shown in Fig. 4 and moved to turn the roller upon the surface and distribute thereon the film of mucilage which automatically spreads itself over the periphery of the roller while it is turned.

Having described my invention, what I claim as new, and desire to secure by Letters Patent, is—

1. The combination, in a mucilage holder, of a detachable cap, having an elbow bend

and an opening at its end, the said opening being closed by a roller journaled in the walls thereof, whereby the mucilage is distributed when the device is in use, substantially as specified.

5 2. The combination of a mucilage holder, a metallic elbow-shape cap secured to the neck of the holder, and a non-flexible roller, provided with a milled periphery, closing the

mouth of the metallic cap and journaled in the walls thereof.

In testimony whereof I have hereunto signed my name.

EUGENE TERRY. [L. S.]

Witnesses:

JARED T. NEWMAN,

ARTHUR G. MARION.