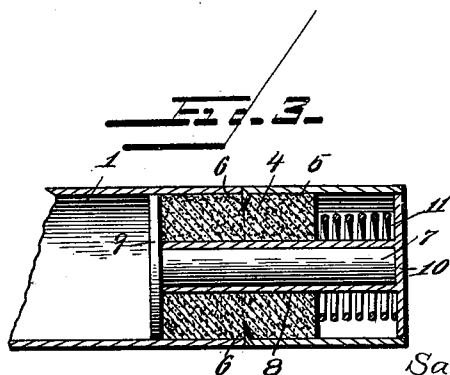
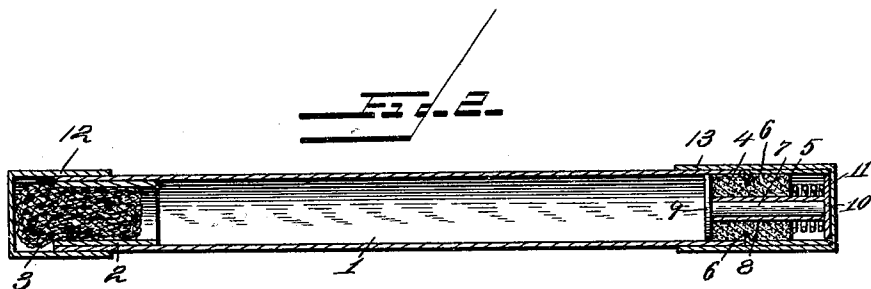
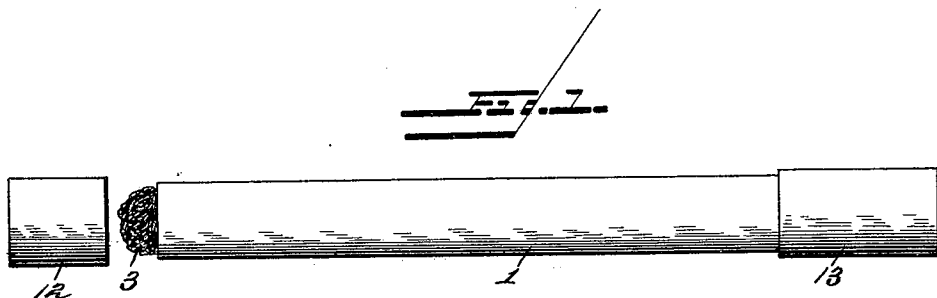


(No Model.)

S. L. YOUNG & J. A. NORRIS.
FOUNTAIN MUCILAGE HOLDER.

No. 544,452.

Patented Aug. 13, 1895.



Inventors

Witnesses

T. W. Riley

R. M. Smith

By *their* Attorneys.

Samuel L. Young
and
James A. Norris.

Ca Snow & Co.

UNITED STATES PATENT OFFICE.

SAMUEL L. YOUNG AND JAMES A. NORRIS, OF EAST LIVERPOOL, OHIO.

FOUNTAIN MUCILAGE-HOLDER.

SPECIFICATION forming part of Letters Patent No. 544,452, dated August 13, 1895.

Application filed March 16, 1895. Serial-No. 542,053. (No model.)

To all whom it may concern:

Be it known that we, SAMUEL L. YOUNG and JAMES A. NORRIS, citizens of the United States, residing at East Liverpool, in the county of Columbiana and State of Ohio, have invented a new and useful Fountain Mucilage-Holder, of which the following is a specification.

This invention relates to an improvement in fountain mucilage-holders adapted to be carried in the pocket without danger of injury to the clothing or to be placed in a desk-rack, according to convenience.

The object of the present invention is to simplify and improve the construction of devices for holding a supply of mucilage and spreading or distributing the same in any desired quantity.

A further object of the invention is to provide means for forcing the desired amount of mucilage into the spreader or dauber and again withdrawing the same when no longer required.

To this end the invention consists in certain novel features of construction and arrangement of parts, hereinafter fully described, illustrated in the drawings, and pointed out in the claims.

In the accompanying drawings, Figure 1 is a side elevation of a fountain mucilage-holder constructed in accordance with our improvement with the end catch removed. Fig. 2 is a vertical longitudinal section through the same. Fig. 3 is an enlarged vertical longitudinal section through the cork or plug in the rear end of the containing barrel or reservoir, showing the internally-arranged spring-actuated plunger.

Similar numerals of reference indicate corresponding parts in the several figures of the drawings.

Referring to the drawings, 1 indicates a hollow tube or barrel of any preferred size and length and composed either of metal, rubber, wood, or glass, as found desirable. Into one end of the barrel 1 is fitted a ferrule 2, the external diameter of which is of a size adapting it to fit snugly and tightly within the internal bore of said barrel, thus adapting said ferrule to be inserted and removed at pleasure. Within the ferrule 2 is cemented or otherwise secured a piece of sponge 3, or a

quantity of bristles or other suitable or preferred material projecting beyond the lower or outer end of the ferrule and also beyond the end of the barrel, as indicated in the drawings. A cork or plug 4 is inserted into the opposite or rear end of the barrel 1, and is composed of a centrally-perforated cork, which is cylindrical in outer contour and is surrounded and partially inclosed by a metallic ferrule or collar 5, the outer diameter of which corresponds with the external diameter of the barrel 1, thereby adapting said ferrule or collar to abut at its inner edge against the corresponding edge or end of said barrel. The ferrule or collar 5 is provided with integrally-formed inwardly-extending points or spurs 6, which enter the cork 4 and prevent the escape thereof from said ferrule.

A plunger 7 passes through the central perforation 8 in the cork above referred to and is provided at its inner end with a head or disk 9, the diameter of which corresponds approximately with the diameter of the cork 4. The shank of the plunger 7 passes through the perforation in the cork, as before stated, and into and is surrounded by the forwardly-extending hollow shank of a push-button 10, which is also adapted to pass through the centrally-perforated cork and to receive a spiral spring 11 disposed around said hollow shank and interposed between the push-button and the adjacent end of the cork 4. The spiral spring 11 exerts its tension to hold said push-button at the outer end of the ferrule 5, where it is adapted to be engaged by the finger and pushed inward when desired. The plunger disk or head 9 is thus held normally in close contact with the inner end of the cork. Suitable caps 12 and 13 are provided, which are adapted to slip over the opposite ends of the barrel 1 for protecting the spreader or dauber and the push-button, and for excluding air from said barrel, thus preventing evaporation of the contents thereof.

In operation the barrel or reservoir 1 is filled with mucilage, glue, or liquid cement, as may be desired, from the rear end, the cork or plug 4 being removed for that purpose. The cork is now inserted, thereby slightly compressing the air within the barrel and forcing the mucilage into the spreader or dauber, which thus becomes saturated with

the material. The spreader is now applied to the surface to be gummed and moved over the same until the required amount of mucilage is spread thereon. Should the sponge or dauber become too dry or not have sufficient mucilage therein the operator presses upon the push-button at the opposite end of the barrel with a gentle or more forcible pressure according to the amount of mucilage he desires to force to the spreading-surface of the brush or dauber. Thus it will be seen that any desired amount of mucilage may be forced into and through the spreader or dauber by manipulating the push-button in the manner described. Thus a simple, neat, and inexpensive fountain mucilage-holder is provided, which is compact and effective and adapted to be carried in the pocket without danger of injury to the clothing.

Various changes in the form, proportion, and the minor details of construction may be resorted to without departing from the principle or sacrificing any of the advantages of this invention.

Having thus described the invention, what is claimed as new, and desired to be secured by Letters Patent, is—

1. In a fountain mucilage holder, a tubular barrel or reservoir, and a dauber or spreader located at one end thereof, in combination with a centrally perforated cork inserted in the opposite or rear end of said barrel, a ferrule partially surrounding and inclosing said cork and left open at both ends and also extended in rear of said cork, a plunger movable through said perforated cork, a disk on the inner end of said plunger, a push button on the outer end thereof sliding within said ferrule, and a spring for holding the plunger disk normally in contact with said cork, substantially as described.

2. A fountain mucilage holder comprising a tubular barrel, a spreader or dauber at one end thereof and a covering or protecting cap therefor, in combination with a centrally perforated cork inserted in the opposite end of the barrel, a ferrule or collar surrounding said cork and partially inclosing the same, the integrally formed points or spurs on said ferrule engaging said cork for holding the latter in place, a plunger movable through the perforation in said cork, the disk on the inner end of the plunger, the push button on the outer end of the plunger, the spiral spring disposed around said plunger and interposed between the push button and the cork, and the protecting cap or cover therefor, all arranged substantially as described.

3. A fountain mucilage holder comprising a hollow barrel or reservoir, and a spreader or dauber at one end thereof, in combination with a centrally perforated cork inserted in the opposite end of the barrel, a ferrule surrounding said cork and partially inclosing the same, a plunger operating through the central perforation in the cork, and provided with a disk at its inner end, a push button provided with a hollow shank surrounding and engaging the shank of the plunger and also working through the centrally perforated cork, and a spiral spring disposed around the shank of the push button and interposed between said button and the cork, substantially as specified.

In testimony that we claim the foregoing as our own we have hereto affixed our signatures in the presence of two witnesses.

SAMUEL L. YOUNG.
JAMES A. NORRIS.

Witnesses:

E. K. CHAMBERLAIN,
ED. M. CROSSER.