No. 643,855. Patented Feb. 20, 1900.

J. B. WILLIAMSON.

MUCILAGE RECEPTACLE.

(Application filed Sept. 21, 1898.)

(No Model.)

Fig. 1.

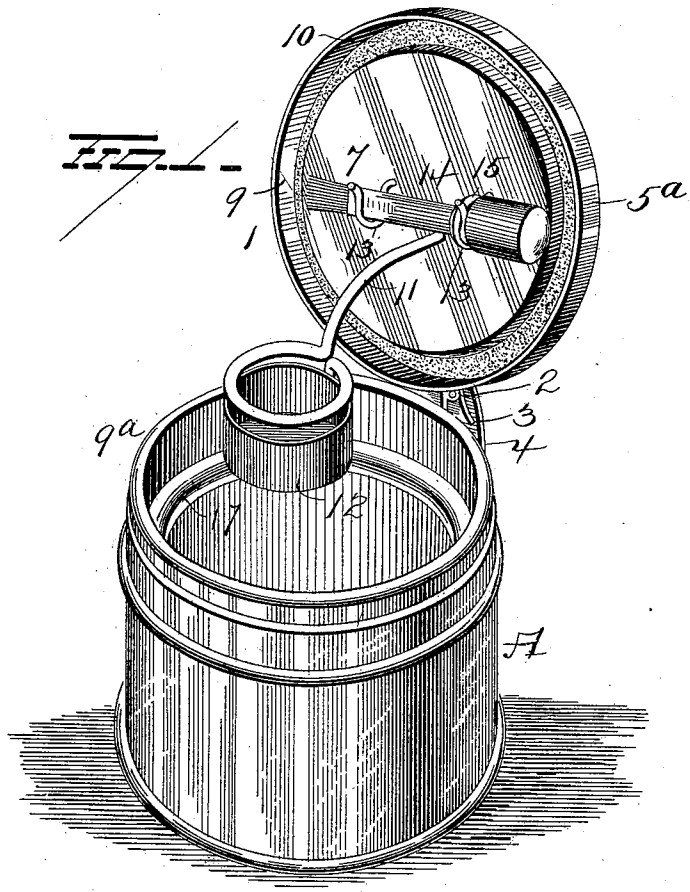
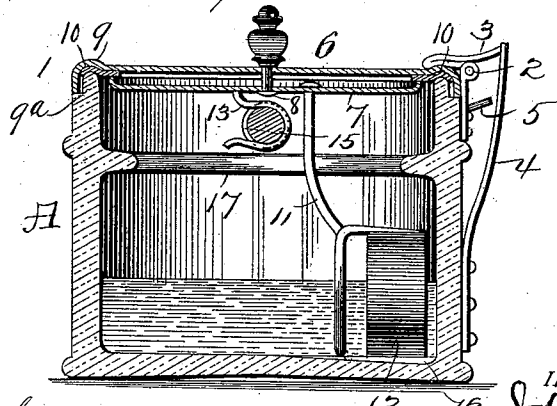


Fig. 2.



WITNESSES

E. J. Nottingham

G. F. Downing.

INVENTOR

J. B. Williamson

By H. A. Seymour

Attorney

THE NORRIS PETERS CO., PHOTO-LITHO., WASHINGTON, D. C.

UNITED STATES PATENT OFFICE.

JOHN B. WILLIAMSON, OF LOUISVILLE, KENTUCKY.

MUCILAGE-RECEPTACLE.

SPECIFICATION forming part of Letters Patent No. 643,855, dated February 20, 1900.

Application filed September 21, 1898. Serial No. 691,523. (No model.)

To all whom it may concern:

Be it known that I, JOHN B. WILLIAMSON, of Louisville, in the county of Jefferson and State of Kentucky, have invented certain new and useful Improvements in Mucilage-Receptacles; and I do hereby declare the following to be a full, clear, and exact description of the invention, such as will enable others skilled in the art to which it appertains to make and use the same.

My invention relates to an improvement in mucilage-receptacles, one object being to provide means for separating a portion of the mucilage from the main body thereof and conveying the separated portion to a point above the mouth of the receptacle and to provide means for returning said separated portion into the receptacle.

A further object is to so construct a mucilage-receptacle that the mucilage can be readily used therefrom without danger of coming into contact with the edge of the mouth of the receptacle and so that the receptacle can be kept closed and evaporation of the mucilage thus reduced to a minimum.

A further object is to produce a mucilage-receptacle which can be readily cleaned and refilled, which shall be simple in construction and adapted to be highly ornamented on its exterior, and which shall be effectual in all respects in the performance of its functions.

With these ends in view my invention consists in certain novel features of construction and combinations of parts, as will be hereinafter more fully described, and pointed out in the claims.

In the accompanying drawings, Figure 1 represents a perspective view of my improved receptacle, the top thereof being in its elevated position; and Fig. 2 is a view in vertical section of the same, the top of the receptacle being in its normal or closed position.

A represents the body portion of my improved receptacle, preferably constructed of glass, and 1 is the top or cover thereof, preferably constructed of any suitable metal. The top or cover 1 is connected to the body portion A by a suitable hinge 2, the upper leaf of which is provided with a lip 3, the outer end of which is slightly bent or curved upwardly and adapted to move in contact with the free end of upwardly-projecting spring 4. This spring 4 is secured at its lower end to body portion A of the receptacle and is adapted, as above described, to exert a pressure against the curved end of lip 3 sufficient to hold the top or cover either in its closed or elevated position. The bottom or lower leaf of hinge 2 is provided with an outwardly-projecting stop 5, against which the bottom face of lip 3 abuts, whereby the rearward movement of top or cover 1 beyond a vertical position is prevented.

The top or cover may be conveniently made in two parts 6 7, the part 6 being provided with a depending peripheral flange 5^a and the part 7 made smaller in diameter than the part 6 and secured to the under face of the latter by a centrally-located screw 8. The depending flange 5 and the peripheral wall of the part 7 form an annular groove 9 in the under face of the top or cover for the reception of a gasket 10, of rubber or other suitable material, the inner edge of which is confined between the peripheral edge of the part 7 and the under face of part 6.

When the top or cover 1 is closed, a rib or flange 9^a, constituting the mouth of body portion A, will enter the annular groove in the cover and bear against the gasket 10 therein, whereby to form an air-tight joint between the cover and body portion of the receptacle and prevent the entrance of air into the reservoir of said receptacle and the evaporation of the mucilage.

In order to insure the tight fit of the cover on the body portion, a depression is made in the bottom of the annular groove 9, and into this depression the rubber of the gasket will be forced by the flange or rib 9^a at the mouth of the body portion A.

Secured to the inner face of top or cover 1 at a point slighly below the center is an arm 11. This arm is preferably made of suitable wire and, extending a short distance outwardly and downwardly, is bent into circular form to constitute a wiper. The free end of the wire is then bent downwardly for the attachment of cup 12, the rim of which latter is in the same vertical plane with the wiper, so that the mucilage when wiped from a brush will drip or run into the cup. The inner face of top or cover 1 is also provided with a pair of hooks 13, located a suitable distance

above arm 11 and adapted to support a brush 14. The handle of the brush 14 is provided with an annular groove 15 for receiving one of the hooks 13, whereby said brush will be prevented from being deposited into the body portion A of the receptacle when the cover or top 1 thereof is in its closed position.

When top or cover 1 is in its closed position, as shown, the bottom of cup 12 normally rests adjacent to the rear wall of body portion A or in a position to take in mucilage from the main reservoir. The bottom of the main reservoir is preferably depressed at the point 16 in order that cup 12 when the top or cover is being raised will take in mucilage when but a small quantity is left in the main reservoir.

Within the reservoir of body portion A, I have provided an annular rib or flange 17 for preventing the mucilage from splashing over the mouth of said body portion during the ascent of cup 12.

The top or cover 1 is elevated through the medium of knob 15, which is secured centrally to the outer face of said top.

When the reservoir in body portion A has been filled with mucilage to the proper depth, a portion thereof may be at will elevated and conveyed by cup 12 to a point over the mouth of said body portion A, as shown in Fig. 1 of the drawings, by simply raising top or cover 1, and when the latter has assumed a vertical position the spring 4 will exert sufficient pressure against lip 3 to hold said top or cover against accidental movement. The mucilage in cup 12 can then be used in the usual manner by brush 14, the surplus mucilage on said brush being removed by wiping the latter on the circular portion of arm 11. When the lid or top 1 is closed, the cup 12 will assume the position shown in Fig. 2 and during its descent empties the mucilage contained therein and thoroughly stirs the mucilage contained in the receptacle A.

By providing an air-tight cover it will be seen that the mucilage will be prevented from becoming hard or crusted, the evaporation thereof will be reduced to a minimum, and the moisture from the mucilage will keep the brush soft.

It is evident that changes in the construction and relative arrangement of the several parts might be made without avoiding my invention, and hence I would have it understood that I do not restrict myself to the particular construction and arrangement of parts shown and described; but,

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

1. The combination with a receptacle and a cover hinged thereto, of an arm fixed to the under face of the cover, said arm bent to form a wiper and a dipper secured to said arm under the wiper.

2. The combination with a receptacle, of a spring-pressed lid or cover hinged thereto means actuated by the spring for retaining the cover closed or open an arm actuated by the cover a wiper at the free end of said arm and a dipper carried by said arm for elevating a portion of the contents of said receptacle.

3. The combination with a receptacle and a cover hinged thereto, of an arm secured to the cover and constituting a wiper and a dipper carried by said arm and disposed under the wiper.

4. A mucilage apparatus consisting of a receptacle and a hinged cover therefor, a brush and supports on the inner side of the cover adapted to removably sustain said brush in a horizontal position wholly inside of the closed receptacle and out of contact with contents thereof.

5. A mucilage apparatus consisting of a receptacle and a hinged cover therefor, a brush having a grooved handle, and hooks on the inner face of the cover for the reception of said brush and its retention normally within the receptacle, one of said hooks being adapted to enter the groove in the handle.

In testimony whereof I have signed this specification in the presence of two subscribing witnesses.

JOHN B. WILLIAMSON.

Witnesses:
WILL S. HAYS,
F. B. STOUFFER.