

H. T. CUSHMAN.
Mucilage-Holder.

No. 163,919.

Patented June 1, 1875.

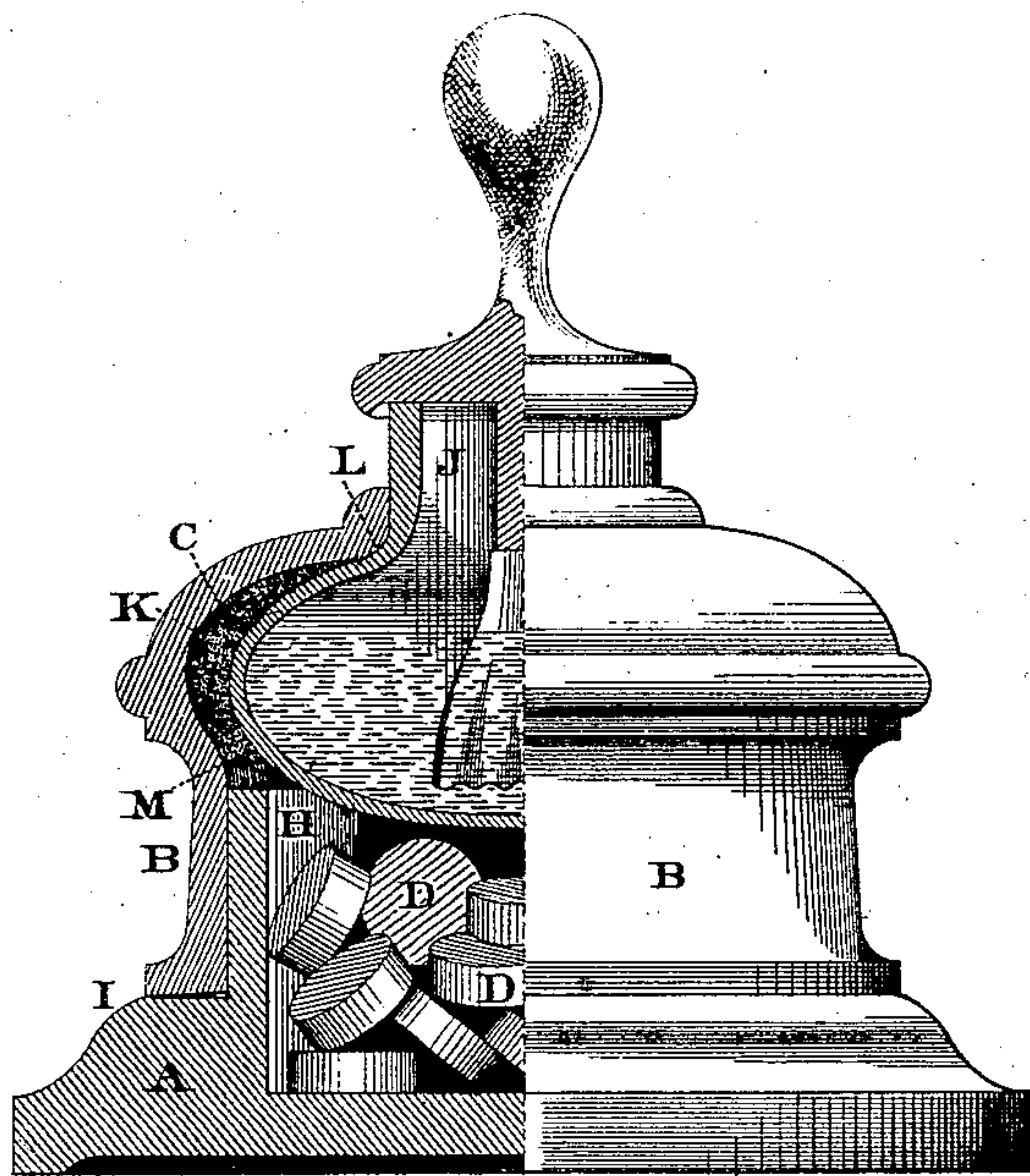


FIG. 1.

Witnesses,

W. B. Scott
M. F. Burke

Inventor,

Henry T. Cushman,
by his Attorney,
Franklin Scott.

UNITED STATES PATENT OFFICE

HENRY T. CUSHMAN, OF BENNINGTON, VERMONT.

IMPROVEMENT IN MUCILAGE-HOLDERS.

Specification forming part of Letters Patent No. **163,919**, dated June 1, 1875; application filed March 18, 1875.

To all whom it may concern:

Be it known that I, HENRY T. CUSHMAN, of Bennington, in the county of Bennington and State of Vermont, have invented an Improved Mucilage-Holder, of which the following is a specification:

This mucilage stand or case is designed to supply a long-sought-for desideratum among book-keepers, clerks, and others who in the prosecution of their business have frequent occasion to use mucilage or other adhesive material. Its novelty consists in combining in one stand a chamber to contain dry adhesive material, (which I put up in any suitable form desired, as, for instance, in granulated or regular geometrical forms, which forms or pieces are of such size that one of them when dissolved forms sufficient liquid adhesive material to charge the reservoir,) and a reservoir in which to dissolve such material and hold the solution when prepared for use.

These two features may be so constructed and arranged that that portion of the stand which contains one of the receptacles shall serve as a cover or cap to and an inclosure of the other. Its utility consists in creating a chamber within the stand, which can be securely and tightly inclosed for storing dry adhesive material in a granulated, cubical, spherical, or other desired form, and which chamber has capacity for containing enough of such material to keep the reservoir supplied for months or years, if need be. This provision facilitates the ready replenishing of the reservoir when empty, as it is only necessary to remove the cap and from the chamber remove and deposit in the reservoir such quantity of the dry material as when dissolved will make the requisite amount of liquid mucilage, the material being of such a character as to be soluble in either hot or cold water in a very few minutes.

My invention contemplates a reservoir having a capacity for dissolving and holding only so much material in preparation or solution at once as will serve to meet the wants of the consumer for a reasonable time, or while the same is preserved in good condition and suitable for use, it being well known that when a large quantity of any of the adhesive gums in liquid form, or pastes, is kept for a long time exposed in an ordinary stand, it in time

becomes rancid, too viscous, and entirely unfit for use.

The construction and general features of my invention are apparent from the drawing hereto annexed, and which forms a part of this specification, which exhibits a semi-elevation and semi-vertical section of my invention in the same figure.

I have shown but one of many adaptations of which my invention is susceptible, in this the reservoir being located above the material-chamber; but, by a slight change of construction, any skilled mechanic could vary or depart from this particular form of construction without essentially changing the character of the combination—as, for instance, by constructing the reservoir and chamber in the same horizontal plane and side by side.

I have constructed, and shown in the drawing, a base, A, of wood, or other suitable material, turned to a size and shape, and provided with a shoulder, I, to receive the cap B. The interior of this base is chambered out, as seen at H, to receive the solidified or granulated mucilaginous material D D. (Here shown in the form of lozenges.) The cap B is of the same or similar material as the base, and is constructed with an externally-curved swell or enlargement, K, the interior being concaved correspondingly; the object of this peculiar form of construction being to create an annular concave chamber within the cap, and between that and the glass reservoir J, for the reception of the material inserted therein for the purpose of fastening the reservoir within the cap. There is an aperture in the top of this cap, through which the neck of the fountain or reservoir protrudes.

In process of construction, when the several parts are ready to be put together, I invert the cap B, and insert the neck of the reservoir through the aperture in the cap B provided therefor, taking care that the shoulder about the neck of the reservoir makes a tight joint with the interior adjacent corner of the cap B at L. I then fill the chamber between the reservoir and the annular concavity of the cap with any liquid or plastic material, C, which has the property of hardening rapidly up to about the point M, leaving space sufficient to allow of the cap being brought to its seat on the base,

without the top edge of that portion of the base forming the chamber H coming in contact with the concrete C. By thus filling in the space up to the point M the material C closes over the bottom of the reservoir, so that when solidified it prevents the reservoir from becoming loosened or detached without breaking out and removing such filling.

When properly constructed and put together this stand bears no external evidence of being more than a common reservoir or fountain, the joint I being concealed by its peculiar form of construction.

Its advantages over all sorts of mucilage-fountains heretofore used consist in the fact that, in the style, and constructed upon the principles herein elucidated, and stocked with dry material, it can be safely packed and transported by mail or otherwise any distance without danger of breakage or injury, the design being to construct the case or stand which incloses the glass reservoir and the dry adhesive matter, composed of the base A and cap B, of such material that any ordinarily rough handling, blows, or dropping of the same will

entail no injury or damage to either the reservoir or contents.

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

1. Mucilage-stands provided with a chamber for containing dry adhesive material, and a separate reservoir for dissolving such dry material, and containing the liquid adhesive product so formed, all combined in one case, in which that portion of the case which incloses or protects the glass fountain or reservoir also serves to cover or inclose the chamber containing the dry material aforesaid, substantially as described and set forth.

2. The combination of the base A, provided with the chamber H, with the cap B and reservoir J, for the purposes set forth.

In testimony whereof I have hereto affixed my hand at North Bennington, Vermont, this 9th day of March, A. D. 1875.

HENRY T. CUSHMAN.

Witnesses:

S. B. HALL,

FRANK G. MATTISON.