

J. V. BROWNE.
MUCILAGE-HOLDER.

No. 191,751.

Patented June 12, 1877.

Fig. 2.

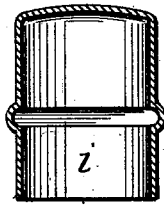
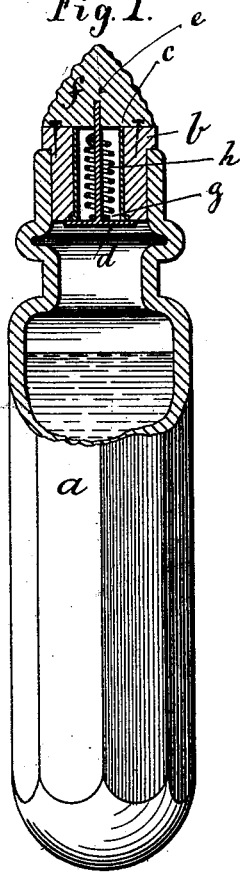


Fig. 1.



Witnesses:

Henry Chadbourn
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his atty.

UNITED STATES PATENT OFFICE.

J. VINCENT BROWNE, OF NEW YORK, N. Y.

IMPROVEMENT IN MUCILAGE-HOLDERS.

Specification forming part of Letters Patent No. **191,751**, dated June 12, 1877; application filed January 13, 1877.

To all whom it may concern:

Be it known that I, J. VINCENT BROWNE, of New York, in the county of New York and State of New York, have invented certain new and useful Improvements in Mucilage-Holders; and I do hereby declare that the following is a full, clear, and exact description thereof, which will enable others skilled in the art to which it appertains to make and use the same, reference being had to the accompanying drawings, and to letters of reference marked thereon, which form a part of this specification.

My invention relates to improvements in mucilage-holders; and consists of a bottle or suitable receptacle made of glass or any desirable material, in combination with a perforated cork or stopper, having a metallic tube inserted in the perforation of the cork or stopper, and the said tube being covered in its lower end, inside the bottle, by means of a valve or disk, provided with an upward-projecting pin or spindle, that passes through a guide in the lower end of the metallic tube, and is furthermore provided with a spiral spring, by which the valve or disk aforesaid is automatically made to close the lower opening of the metallic tube when no pressure is made to bear upon the upper end of the valve spindle, that projects into a sponge that is secured in a suitable manner to the upper part of the cork or stopper. To open the valve for the admission of the mucilage to the porous sponge, it is only necessary to compress the sponge from above, so that the valve-pin is forced slightly downward, by which the valve or disk inside the bottle is removed from its seat, thus allowing free access of the contents of the bottle up through the metallic tube to the porous sponge at the top.

When the bottle is not in use, no mucilage can escape from it, even if the bottle is laid on its side or held upside down, as the valve or disk is then automatically closed upon the inner end of the hollow metallic tube, and in

this manner all unnecessary leakage is prevented. A suitable closed cover is used to cover the sponge when the bottle is not required for use.

On the accompanying drawings, Figure 1 represents a sectional elevation of my improved mucilage-holder; and Fig. 2 represents a vertical section of the cover.

a represents the bottle or receptacle for the mucilage, &c. *b* represents the cork or stopper having a central perforation, into which is inserted the hollow metallic tube *c*, as shown. *d* represents a valve or disk, by which the lower end of the metallic tube *c* is covered. The valve *d* is provided with the upward-projecting pin or valve rod *e*, the upper end of which terminates within the porous sponge *f*, that is secured by pins, or in a similar manner, to the upper end of the cork or stopper *b*.

The valve-pin *e* passes through a guide or bar, *g*, in the lower end of the metallic tube *c*, and is furthermore provided with a spiral spring, *h*, the lower end of which rests against the guide *g*, and its upper end being soldered or attached to the valve-pin *e*, as shown in Fig. 1. *i* represents the cover that is placed over the sponge and the neck of the bottle, when the latter is not required for use.

Having thus fully described the nature, construction, and operation of my invention, I wish to secure by Letters Patent and claim—

The combination, with the receptacle or bottle *a*, its perforated cork or stopper *b*, and porous sponge *f*, of the metallic tube *c*, with its guide *g*, valve *d*, spindle *e*, and spring *h*, substantially as and for the purpose set forth and described.

In testimony that I claim the foregoing as my own invention I have affixed my signature in presence of two witnesses.

J. VINCENT BROWNE.

Witnesses:

ALBAN ANDRÉN,
HENRY CHADBOURN.