

W. Burnet.
Mucilage Holder.
N^o 41,422. Patented Feb. 2, 1864.

Fig. 2.

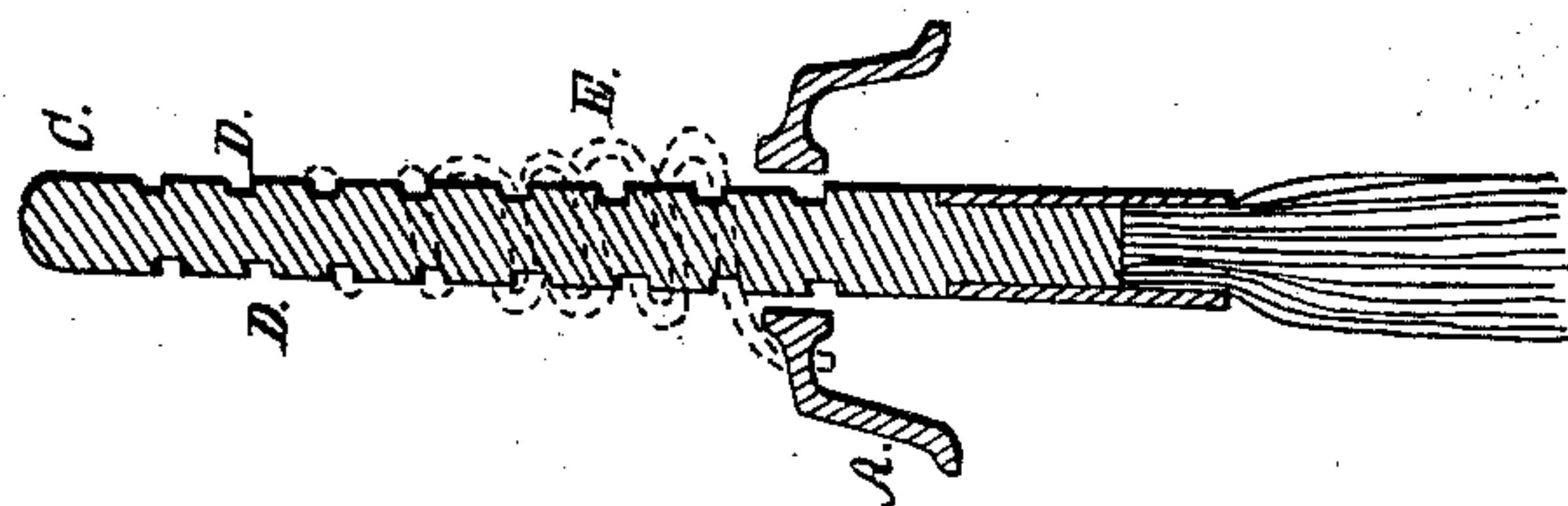
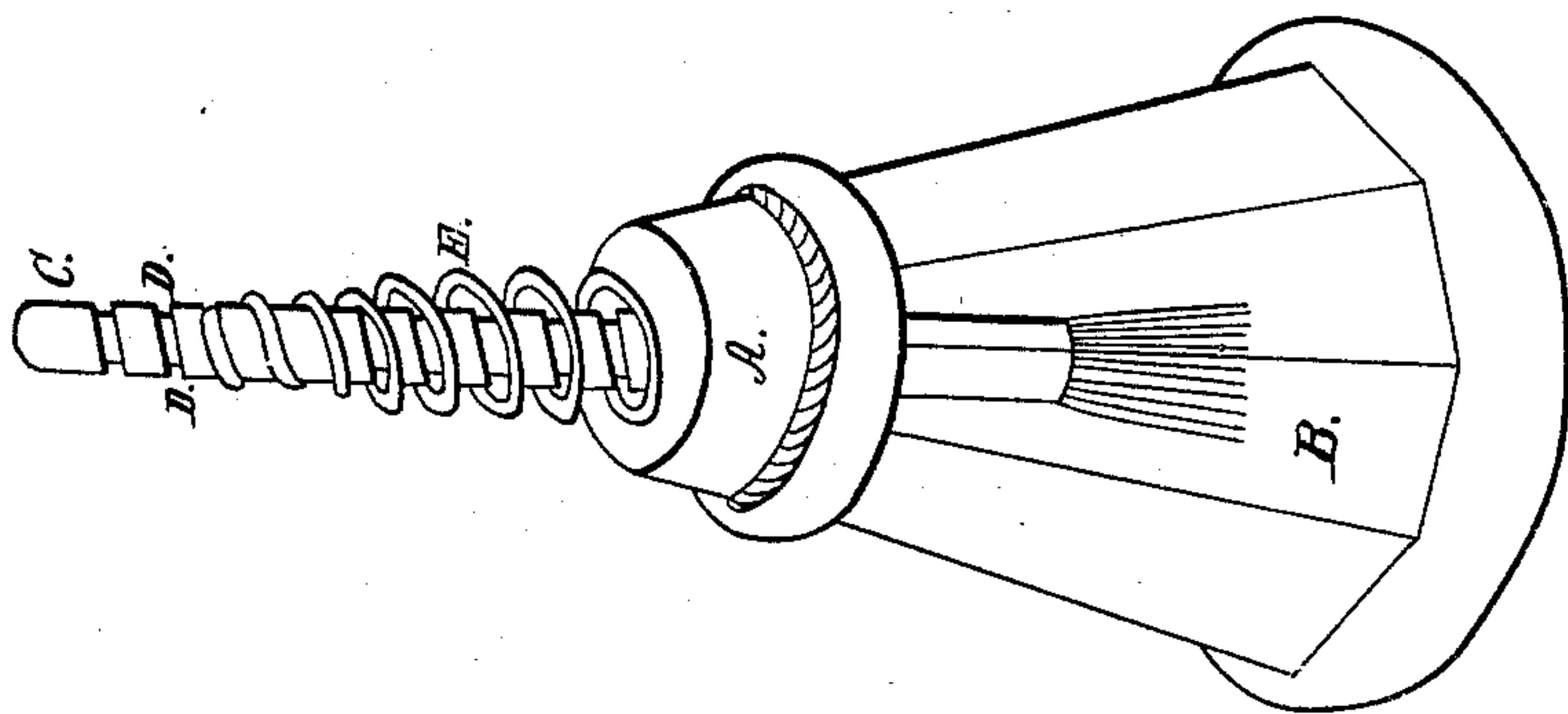


Fig. 1.



Witnesses.

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WILLIAM BURNET, OF NEW YORK, N. Y.

IMPROVED BRUSH FOR MUCILAGE-BOTTLES.

Specification forming part of Letters Patent No. 41,422, dated February 2, 1864.

To all whom it may concern:

Be it known that I, WILLIAM BURNET, of the city, county, and State of New York, have made certain new and useful Improvements in the Brushes used for Mucilage or Gum Bottles, of which the following is a specification.

In order that others may understand the nature of the said invention, I hereby give the following description, illustrated by the accompanying drawings, and referred to in this schedule and constituting a part thereof.

In the drawings, Figure 1 represents the brush attached to the cover of an ordinary office gum-bottle. A is the cover, B the bottle, C the handle to which the brush is attached. This handle or rod is made of any suitable material, either wood or metal or hard rubber, and has a screw-thread cut upon it, D D. This thread is sufficiently deep and of such form that a round wire spirally coiled to fit it forms the nut or female screw. The spiral (represented by E) is enlarged in the size of its coils below that portion of it which fits the threads of the handle, and this constitutes a spiral spring, the lower part of which abuts against or passes through the cover and is attached to it.

Fig. 2 is a sectional view of the device, the same letters referring to the same parts.

Mode of operation. It will be readily seen from the above arrangement that the brush, by a simple turn of the handle, is drawn upward or thrust downward, as may be desired, just sufficient to keep the brush in the liquid and take up enough mucilage for ordinary use; and when more is required it is only necessary to push it downward a little, which the spiral spring readily admits, and more of the mucilage or paste is taken up by the brush. As the mucilage is used and becomes lower in

the bottle the handle is turned down to screw it, and thus the brush is not overloaded, as it would be if it fell to the bottom, and is not liable to stiffen and dry, as it would be if kept above the surface of the liquid. The cover is removed with the brush, either by the shoulder of the socket which holds the bristles to the handle, or, preferably, by attaching the spring to the cover.

I am aware that a screw-rod, forming the handle and turning in a female thread cut in the cover, has been used before, and also that a notched rod and spring has been used for the handle of a gum-brush; but neither of these devices fulfill the conditions or obviate the objections which my invention does. In either of the covers above named it is necessary to screw the handle or thrust the rack downward in order to take up more than the quantity of liquid at which they stand graduated; and when the brush is returned to the bottle it is too much immersed for common use; and, again, where the screw works in a thread cut in the cover, it frequently becomes fastened by the mucilage, so that it is difficult to turn it; and in the rack device the same objection occurs, while in mine the rod passes freely through the cover, and the screw is so entirely above the reach of the gum that it is never clogged or stuck fast.

What I claim is—

The combination of the brush-handle C with the screw D, the spring E, and the cover A, when arranged and operating substantially as and for the purpose described.

WILLIAM BURNET.

Witnesses:

EDWIN F. COREY,
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