No. 651,932. Patented June 19, 1900.

W. RODIGER.

COLLAPSIBLE MUCILAGE TUBE.

(Application filed Jan. 20, 1900.)

(No Model.)

Fig. 1.

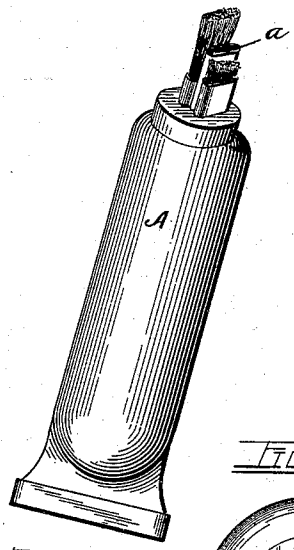


Fig. 2.

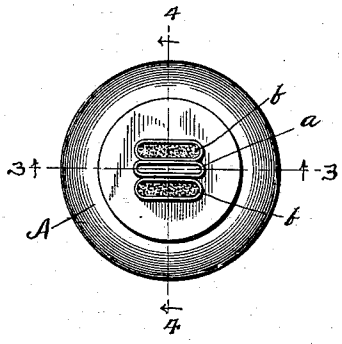


Fig. 5.

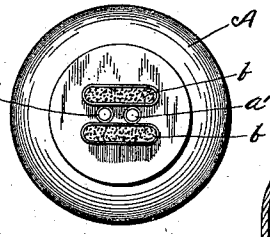


Fig. 3.

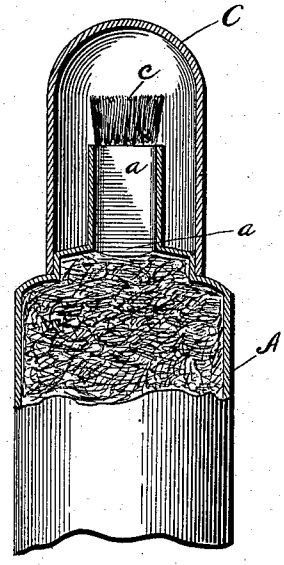
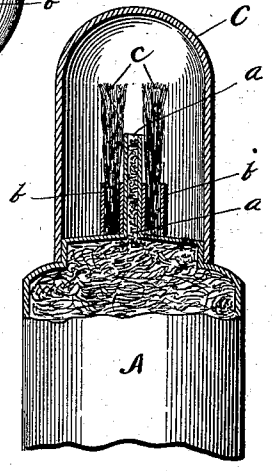


Fig. 4.



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

UNITED STATES PATENT OFFICE.

WILLIAM RODIGER, OF CHICAGO, ILLINOIS.

COLLAPSIBLE MUCILAGE-TUBE.

SPECIFICATION forming part of Letters Patent No. 651,932, dated June 19, 1900.

Application filed January 20, 1900. Serial No. 2,230. (No model.)

To all whom it may concern:

Be it known that I, WILLIAM RODIGER, a citizen of the United States, residing at Chicago, in the county of Cook and State of Illinois, have invented a new and useful Improvement in Collapsible Mucilage-Tubes, of which the following is a specification.

This invention relates to improvements in collapsible mucilage-tubes.

The object of the invention is to provide a collapsible mucilage-tube in which an even distribution of paste or mucilage throughout the transverse width of the brush is secured and whereby the brush is enabled to effect an evenly and uniformly distributed application of the paste or mucilage; and to this end I provide a paste or mucilage delivery tube or tubes arranged in such relation to the brush-holders as to deliver the mucilage or paste evenly and uniformly to the brushes throughout the entire width of the brushes.

Referring to the accompanying drawings and to the various views and reference-signs appearing thereon, Figure 1 is a view in perspective of a mucilage-tube constructed in accordance with my invention with the cap or cover removed. Fig. 2 is an end view of the same. Fig. 3 is a broken view in longitudinal section on the line 3 3, Fig. 2, the cap or cover being applied. Fig. 4 is a similar view on the line 4 4, Fig. 2. Fig. 5 is a view similar to Fig. 2, showing a slightly-modified arrangement and embraced within the scope of my invention.

The body A of the tube may be constructed in the usual manner of tubes of this character and of suitable material which will adapt it to collapse or mash under pressure or when squeezed between the fingers of a person manipulating the same, and thereby cause the paste or mucilage contained therein to exude or to be forced through the opening in the end thereof provided for that purpose. This opening is designated by reference-sign *a* in Figs. 1, 2, 3, and 4 and by reference-sign *a'* in Fig. 5. On opposite sides of the mouth or opening *a a'* are provided brush holders or seats *b*, preferably formed integrally with the body of the tube and extending or projecting from the end of the body a sufficient distance to form or provide secure seats for the brushes *c*. In practice the brush-holders *b* are elongated, as shown, to receive flat brushes, the flat sides of the brushes being parallel to each other, and the mouth or opening *a a'* is arranged between the proximate flat sides of the brushes and delivers the paste or mucilage uniformly and evenly to the brushes throughout the entire transverse width of the latter. By this arrangement the paste or mucilage when squeezed out of the tube A is delivered in a most efficient manner for use through the mouth or opening *a a'*, arranged between the brushes and upon the flat sides of the brushes, and as in practice the brushes are most efficiently used or applied flatwise the paste or mucilage is in the construction and arrangement above described most efficiently spread upon the brushes uniformly and evenly throughout their transverse width. As shown in Figs. 1, 2, 3, and 4, the mouth or opening *a* may be elongated similar to the brush-seats *b* and is arranged to extend between and parallel to the brushes. If desired, however, the mouth or opening may be in the form of one or more tubes, as indicated at *a'*, Fig. 5, said tube or tubes being arranged between the brushes, as shown. In either case the mucilage is delivered upon the flat sides of the brushes, and hence enables the brushes to most efficiently receive and evenly distribute the paste or mucilage in the operation of the device for the purposes for which it is intended.

If desired, a cover or cap C may be provided and adapted to slip over the brushes and to fit upon or around a shoulder suitably formed in the tube, thereby inclosing the brushes and the opening or mouth to prevent access of dust or dirt when the brush is not required for use.

From the foregoing description it will be seen that I provide an exceedingly-simple construction of paste or mucilage brush and one that is economical in manufacture and efficient in use, and by this arrangement of the mouth or opening *a a'* between the proximate flat parallel sides of the brushes the paste or mucilage is efficiently delivered to and spread over and upon the brushes.

It is obvious that slight variations and changes in the details of construction and ar-

rangement may be readily made by persons skilled in the art and still fall within the spirit and scope of my invention; but,

Having now set forth the object and nature of my invention and a construction embodying the principles thereof, what I claim as new and useful and of my own invention, and desire to secure by Letters Patent, is—

1. A collapsible vessel adapted to receive and distribute paste, mucilage and the like, and having at its outlet end a plurality of brush-holders and delivery means arranged between the proximate sides of said brush-holders and communicating with the interior of the collapsible vessel, said delivery means being so located with respect to the brushes as to spread the mucilage or paste evenly and uniformly throughout the transverse width of said brushes, whereby the mucilage, paste or the like, may be evenly distributed by the entire width of said brushes, as and for the purpose set forth.

2. A collapsible vessel adapted to receive and distribute paste, mucilage and the like, and having at its outlet end a plurality of brush-holders and a delivery tube or opening arranged between the proximate sides of said brush-holders, and communicating with the interior of the collapsible vessel, said delivery-tube and said brush-holders being substantially coextensive in transverse width, whereby the paste or mucilage is delivered evenly and uniformly throughout the transverse width of the brushes, as and for the purpose set forth.

3. A collapsible vessel adapted to receive and distribute paste, mucilage and the like, and having at its outlet end a plurality of flattened and elongated brush-holders arranged with the flat sides thereof in parallel relation, and a flattened elongated delivery-tube communicating with the interior of the collapsible vessel and arranged between and parallel with respect to said holders, and adapted to deliver the paste, mucilage or the like, to the brushes throughout the entire transverse width thereof, as and for the purpose set forth.

In witness whereof I have hereunto set my hand, this 12th day of January, 1900, in the presence of the subscribing witnesses.

WILLIAM RODIGER.

Witnesses:
S. E. DARBY,
E. C. SEMPLE.