June 14, 1927. 1,632,087

H. LILLFORD

TOOTH PASTE HOLDER

Filed Oct. 17, 1925

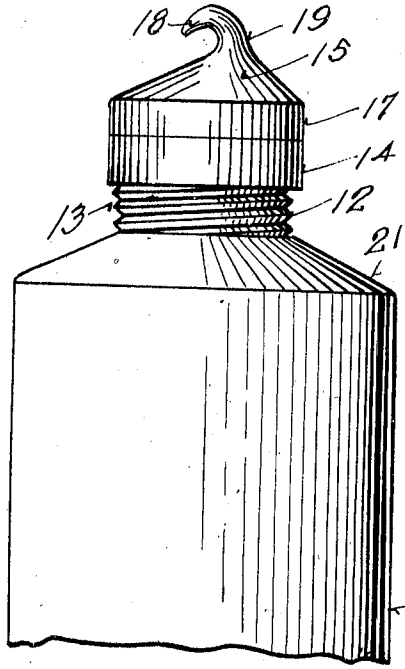


Fig. 2.

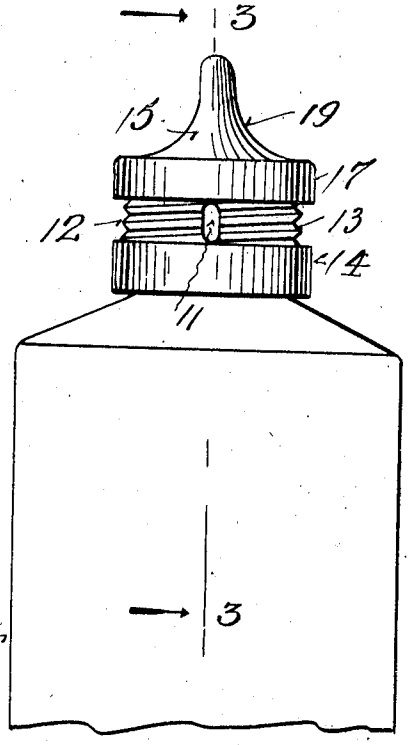


Fig. 1.

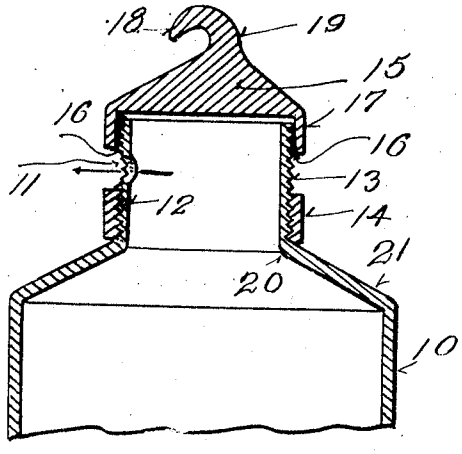


Fig. 3.

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UNITED STATES PATENT OFFICE.

HENRY LILLFORD, OF NEW YORK, N. Y.

TOOTH-PASTE HOLDER.

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This invention relates to containers for tooth paste or the like, and has for its object the production of a container which is provided with a hook for suspending the container when not in use. Another object includes the production of construction in which the opening is placed on the side of the cap or neck and which opening is closed by a cut-off ring or collar. The collar is movable on the neck but it cannot be detached therefrom and thus get lost or mislaid.

Other objects will appear hereinafter and I attain these objects by the construction illustrated in the accompanying drawing, in which

Fig. 1 is a view in elevation of a construction which embraces the principles of my invention.

Fig. 2 is a front elevation, and

Fig. 3 is a view taken on the line 3—3 of Fig. 1.

Like numerals refer to the same parts throughout the several views.

Various means have heretofore been suggested for preventing caps of tooth paste containers and the like from getting lost or from dropping off when the tube is used. I have solved this problem by providing a movable cut-off collar, or ring, which is placed in position when the tube is made. I have also provided means in the form of a hook projecting from the crown of the cap whereby the tube may be suspended from a hook or the like when not in use. This provision affords convenient means for keeping the tubes in an orderly manner, and it is also a great convenience and saving of time to thus keep the tubes.

Referring now to the drawing, wherein I have disclosed a specific embodiment of my invention by way of illustration rather than in a limiting sense, the body of the tube is represented by the numeral 10. This body may be of any convenient size or form suitable for receiving and holding tooth paste, or the like, as is well known to the art. In the preferred form of construction, the body 10, may be collapsible or not as may be most desired for the purpose at hand. If the body is made of collapsible material, it affords easy means for forcing the material out of the opening 11 in the neck 12. The neck 12 may be a continuation of the body material or it may be united to said body as may be desired. In the specific construction shown, I provide a rigid neck integral with the shoulder 21 of the body part 10, and this neck is threaded at 13 for receiving the movable collar member 14. In the form shown the collar member is threaded internally to thus afford a positive cut-off. In the construction shown, the collar member 14 is applied to the neck and then the crown 15 is permanently secured in position as by fusing, or by solder 16. Where the solder, or fused, joint is used, the crown may advantageously be provided with a flange 17, which projects over the threaded neck portion and thus affords an abutment against which the cut-off collar operates to form a positive and effective closure of the opening 11. By thus providing a permanently attached closing member there is no possibility of losing this member. The construction also provides means for effectively cutting off the supply of paste or other material, and thus leave a clean surface. The lateral opening also affords a convenient position for applying the paste, or other composition, for use.

The crown 15 comprises a substantial body part which, in a preferred construction, terminates in a hook 18, whereby the receptacle is easily suspended from a hook, or other support, when not in use. The hook member 18 is reinforced and enlarged at its base 19 to strengthen the hook member 18; and while I have shown the crown 15 in the form of a cap, which is permanently attached to the neck, it is quite evident that the cap and neck portions may be integral, that is, in a single piece without departing from the scope of my invention. In that case I provide the fusible connection or the solder joint at the base 20 of the neck 12, so as to thus provide means for uniting the neck to the shoulder 21 of the tube body 10. The advantages of a tube made in accordance with my invention, include quick assembly of the parts, an easily accessible and readily closed opening for use of the contents of the tube. My construction provides also a great convenience in keeping and using the tube, as there is no possibility of mislaying the closing member, which in the instant case is a movable screw-threaded collar to insure the positive closure and sure cut-off of the extruded material.

Having now described my invention, what

I claim as new and useful, of my own invention and desire to secure by Letters Patent is:

A tube for holding paste and the like, said tube including a neck having an aperture in the side wall thereof, a crown fitted over the outer end of said neck beyond said aperture and secured thereto for forming an abutment, a closing ring axially movable on said neck for closing said aperture, and abutting against said abutment, and a hook integral with said crown.

In testimony whereof I have hereunto set my hand on this 16th day of October, A. D. 1925.

HENRY LILLFORD.