W. A. RAY & R. M. OLIVE.

TOOTH BRUSH HOLDER.

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1,200,236.

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Fig. 1.

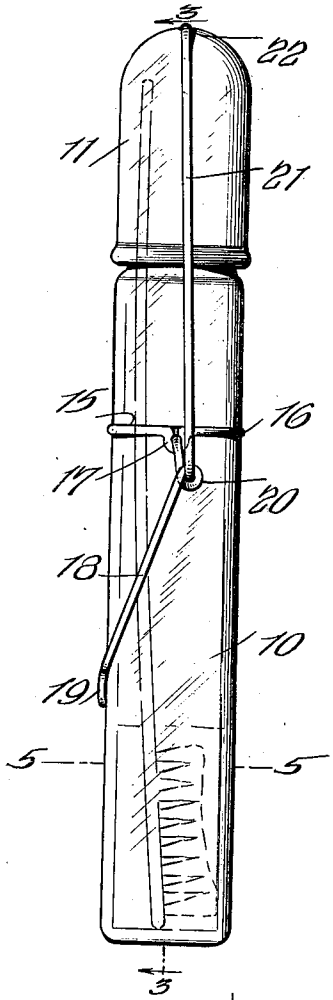


Fig. 2.

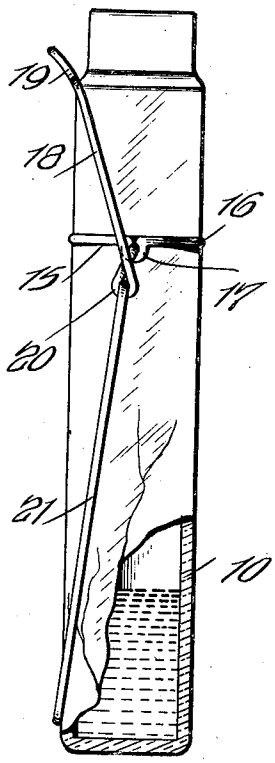


Fig. 3.

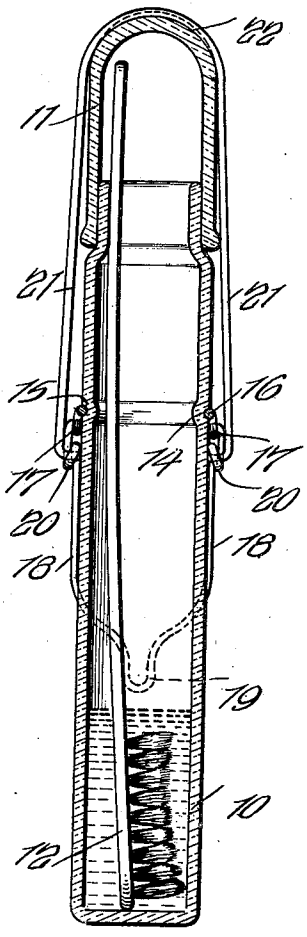


Fig. 4.

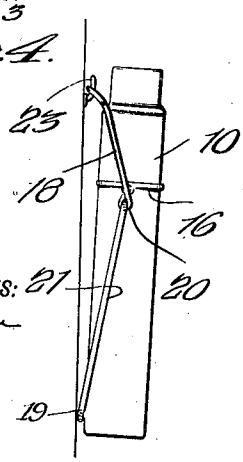
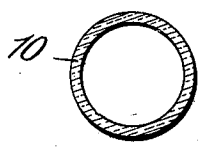


Fig. 5.



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TOOTH-BRUSH HOLDER.

1,200,236. Specification of Letters Patent. Patented Oct. 3, 1916.

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To all whom it may concern:

Be it known that we, WILLIAM A. RAY and ROBERT M. OLIVE, citizens of the United States, and residents of Fayetteville, in the county of Cumberland and State of North Carolina, have invented an Improvement in Tooth-Brush Holders, of which the following is a specification.

This invention is an improvement in tooth brush holders and has particular reference to a holder adapted to contain a germicidal solution for antiseptically treating the brush.

An object of the invention is to provide a container or tube in which the brush is carried and locked, the means for locking the same therein being also employed as a support and guard for the container when the closure therefor is removed.

A further object is to provide a device of this character which is simple in construction, inexpensive to manufacture, durable and effective in use.

The inventive idea involved is capable of receiving a variety of mechanical expressions, one of which, for the purpose of illustrating the invention, is shown in the accompanying drawing, in which—

Figure 1 is a side elevation of the holder showing a tooth brush locked therein. Fig. 2 is a similar view partly in section of the holder with the closure and brush removed. Fig. 3 is a vertical longitudinal sectional view on the line 3—3 of Fig. 1. Fig. 4 is a side elevation of the holder showing the manner in which the same is connected to a support. Fig. 5 is a transverse section on the line 5—5 of Fig. 1.

Referring more particularly to the drawing, the numeral 10 indicates a container, preferably in the form of an elongated tube, made of glass and having an open end adapted to be closed by means of a stopper 11 which is also preferably made of glass and which fits over the end of the container and forms an air tight and ground joint therewith. The tube 10 is adapted to contain a quantity of germicidal solution in which the bristles of the brush 12 are immersed, the other end of said brush extending beyond the open end of the container so that it may be readily removed. It will thus be apparent that when the brush 12 is not in use the same may be continually immersed in the solution and the open end of the tube closed by means of the stopper 11. When it is desired to use the brush the said stopper may be extracted and the brush easily and conveniently removed.

The tube 10 is provided intermediate the ends thereof with an internal reinforcement 14 and external annular grooves 15 arranged in substantially the same plane with said reinforcement. Said groove has mounted therein a ring 16 having diametrically disposed offset portions 17 to form pivoted eyes for receiving the ends of the bail 18 which forms a portion of the locking device for retaining the closure 11 in closing position. Medially of the ends of the bail 18 the same is curved as indicated at 19 for a purpose which will appear in the course of this description. Adjacent the ends of said bail the same are bent to provide eyes 20 for receiving the ends of a similar bail 21, the central portion of which is adapted to straddle the outer end of the stopper 11 and engage a transverse groove 22 therein. Thus when the bail 18 is moved to the position shown in Fig. 1 the bail 21 will be caused to tightly engage said stopper and retain the same in closed position, so it may be safely packed when traveling without any leaking of liquid.

When it is desired to remove the brush 12, the bail 18 is first swung to the position shown in Fig. 2 in order to release the bail 21 from engagement with the closure 11 whereupon the latter bail will be moved to the position illustrated in said figure.

Referring now to Fig. 4, it will be seen that when the container is not in use the curved portion 19 of the bail 18 may be engaged with a hook 23 whereupon the lower end of the bail 21 will engage the wall or other support and space the lower end of the container therefrom thus preventing accidental breakage of said container by contact therewith.

We claim:

A tooth brush container including an elongated tubular body portion having one open end and an annular groove intermediate its ends, an elongated tubular cap for closing said open end, said body portion having a fluid tight engagement therewith, a ring in said groove, a locking bail pivoted at its ends in connection with said ring, the free end of said bail being movable to a point adjacent the open end of the body portion when released and when the cap is removed whereby to engage a supporting hook, said

bail having intermediate loops forming bearings, and a second bail pivoted at its ends in said bearing loops of the first bail and movable to extend over and engage the cap in locked position, the free end of said second bail being also movable to a position adjacent the lower closed end of the body portion when the first bail is in released position adjacent the opposite end of the body portion, whereby to protect the body against direct contact with a support upon which the locking bail is hooked.

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