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TOOTH PASTE HOLDER AND DISPENSER

Filed July 25, 1930

Fig. 1.

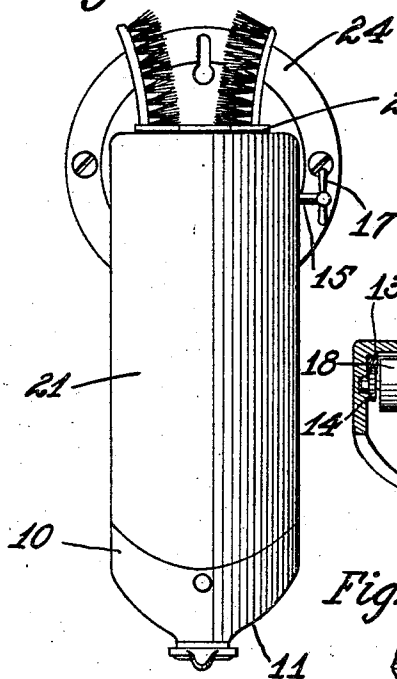


Fig. 2.

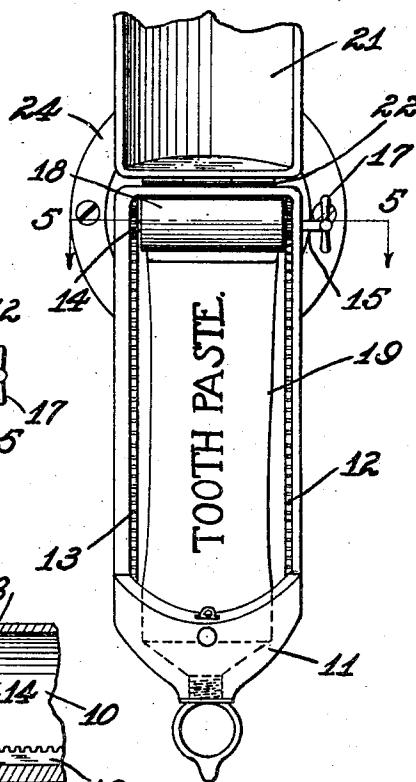


Fig. 5.

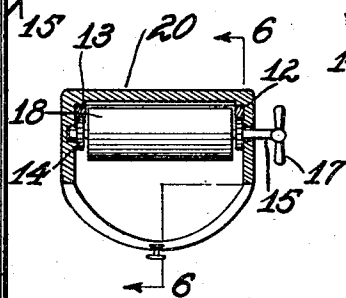


Fig. 6.

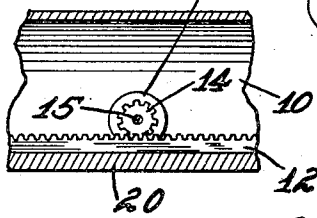


Fig. 3.

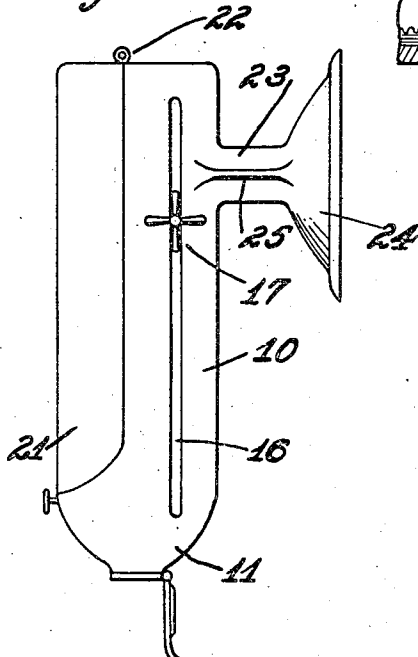
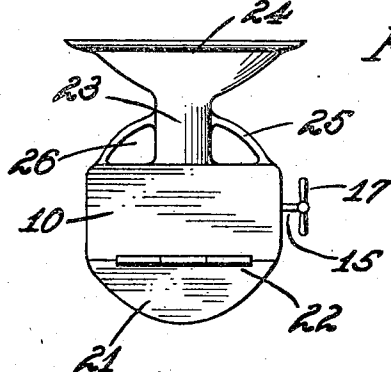


Fig. 4.



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TOOTH PASTE HOLDER AND DISPENSER

Application filed July 25, 1930. Serial No. 470,716.

This invention relates to certain new and useful improvements in dispensing apparatus primarily designed for use in conjunction with collapsible tubes and the like and which embodies among other characteristics an operating means for this purpose.

More specifically stated the apparatus is provided with a swingably mounted closure to permit access to the interior thereof for the purpose of renewing the collapsible tube.

With the above and other objects in view, the invention further consists of the following novel features and details of construction, to be hereinafter more fully described, illustrated in the accompanying drawings and pointed out in the appended claim.

In the drawings:—

Figure 1 is a front elevation of the present invention.

Figure 2 is a view similar to Figure 1 with the closure swung to occupy an open position.

Figure 3 is a side elevation of the invention.

Figure 4 is a top plan view thereof.

Figures 5 and 6 are sectional views taken on lines 5—5 and 6—6 respectively.

Referring to the drawings in detail wherein like characters of reference denote corresponding parts, the reference character 10 indicates generally a form of housing, provided with a reducer portion 11 adjacent one end thereof to accommodate the shoulder portion of a collapsible tube adjacent the discharge neck of the latter, in the manner suggested in dotted lines in Figure 2 of the drawings. Rack bar portions 12 and 13, arranged within the housing and disposed in spaced parallelism, are designed for meshing engagement with spur gears 14, fixedly secured upon an operating shaft 15, projecting at one end outwardly through a passageway 16 in one side of the housing. A wheel or handle portion 17 is conveniently located upon the outermost projecting extremity of the operating shaft 15 to cause the spur gears to move in unison over the respective rack bar portions. A roller member 18, carried by and revolvably mounted upon that portion of the shaft 15 between the rack bar portions 12 and 13, is designed to compress the

body of a collapsible tube 19 against the rear wall 20 of the housing to expel or otherwise eject the contents of the tube in any quantity desired. As shown in Figure 5 of the drawings, the rear wall 20 of the housing is flat for the purpose of coacting with the roller 18 in the expelling of the tube contents.

For purposes of convenience, during the removal and replacement of collapsible tubes, I have provided a closure member 21 hingedly secured, as at 22, upon the upper portion of the housing in oppositely disposed relation to that of the reducer portion 11. A neck portion 23, carried by and rearwardly projecting from the rear wall 20 of the housing, terminates to provide an attaching portion 24 designed for support upon a wall structure or the like.

Brace members 25 establish connection at their ends between the neck portion 23 and the rear side of the back wall 20 of the housing to define pockets 26 therebetween for the accommodation of the shanks or handle portions of tooth brushes and the like. The bristles of the brushes are sufficient to prevent the brushes, in their entirety, from passing through the pockets 26.

The invention is susceptible of various changes in its form, proportions and minor details of construction and the right is hereby reserved to make such changes as properly fall within the scope of the appended claim.

Having described the invention, what is claimed is:

A tooth paste holder and ejector comprising a casing having a reduced lower end portion provided with an opening, said casing being provided at its front side and above said reduced portion with an opening, a closure member hingedly connected with the top of the casing and adapted to close over the last mentioned opening, a roller mounted for movement longitudinally of the casing, a supporting member attached to the rear side of the casing and brace members connected at one end with the supporting member and at their other ends with the casing.

In testimony whereof I affix my signature.

GOTTFRIED GUENTHER.

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