Dec. 9, 1924. 1,519,065

R. D. SIDENER

DENTAL CREAM CONTAINER

Filed March 22, 1923

Fig. 1.

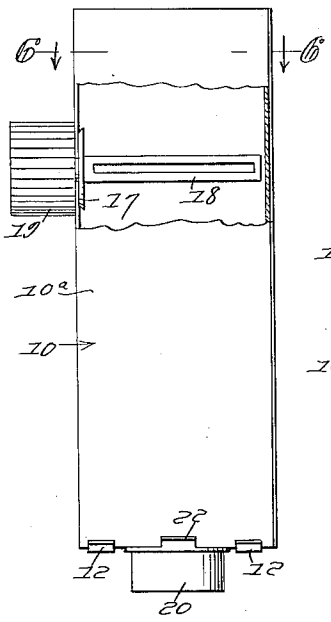


Fig. 2.

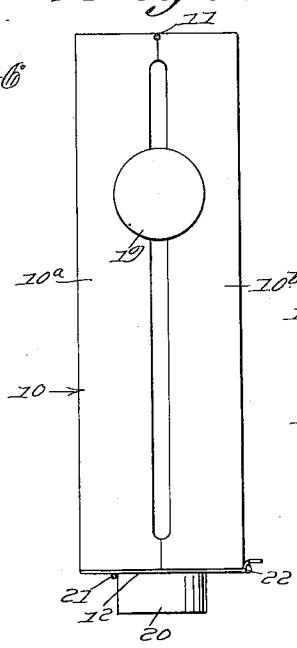
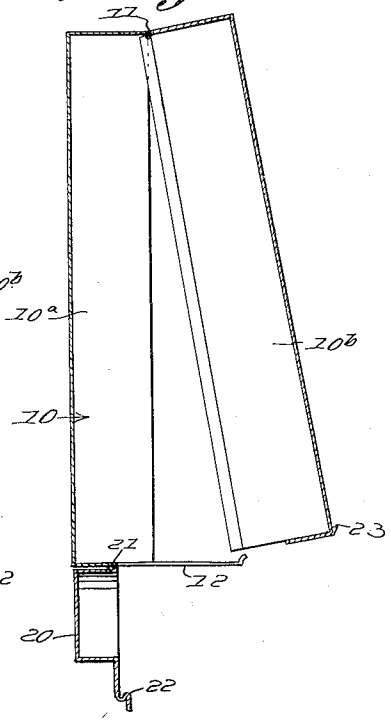


Fig. 3.



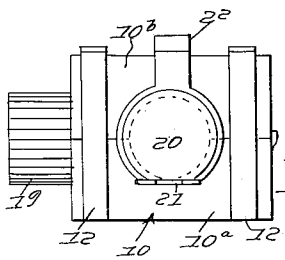


Fig. 4.

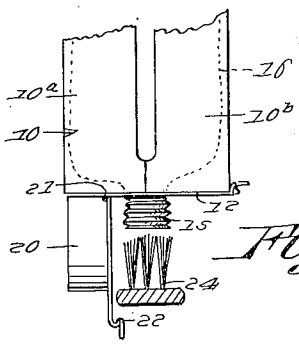


Fig. 5.

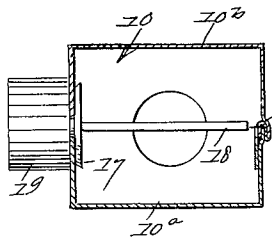


Fig. 6.

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UNITED STATES PATENT OFFICE.

ROGER D. SIDENER, OF ST. LOUIS, MISSOURI.

DENTAL CREAM CONTAINER.

Application filed March 22, 1923. Serial No. 626,823.

To all whom it may concern:

Be it known that ROGER D. SIDENER, a citizen of the United States of America, residing at St. Louis, in the State of Missouri, has invented new and useful Improvements in Dental Cream Containers, of which the following is a specification.

The object of the invention is to provide a convenient receptacle or container for collapsible tubes of the type employed for packaging and dispensing dental creams and similar toilet articles and to provide in connection therewith means for facilitating the discharge or dispensing of the contents of the contained tube with the minimum of effort and inconvenience to the operator; and with these objects in view the invention consists in a construction and combination of parts of which a preferred embodiment is shown in the accompanying drawings, wherein:—

Figure 1 is a side view, and

Figure 2 is an edge view of a container embodying the invention.

Figure 3 is a sectional view showing the parts of the device in the open position.

Figure 4 is a lower or outlet end view of the receptacle.

Figure 5 is a detail view showing the use of the cap as a guide for a tooth brush.

Figure 6 is a sectional view on line 6—6 of Figure 1.

The box or casing 10 constituting the body portion of the receptacle or container obviously may be of any desired dimensions to suit the tube or like article which is to be housed therein and is divided on a longitudinal plane to form complemental members 10^a and 10^b which are hingedly connected at 11 and are adapted to normally be held in their closed relation by a catch consisting in the construction illustrated of tongues 12 carried by one of the members for engagement with the other as shown in Figures 2 and 3. An interlocking engagement may be provided between the edges of the walls of the members, as shown in Figure 6, by bifurcating one of them as indicated at 13 to receive the other to thereby produce a substantially air tight construction, and if desired one of the members as that designated 10^a may be secured permanently to a suitable support such as a wall side of a medicine or toilet cabinet or door of such cabinet in an upright position for ready access by the operator, through the agency of suitable fastening means extended through openings 14 formed in the wall of said member.

At their free ends the receptacle members are provided with an opening for the reception of the usually threaded nipple 15 of a collapsible paste or dental cream tube 16, the edges of the end walls of said members bounding the opening therein being adapted to engage the threads of said nipple at the neck of the tube so as to hold the latter firmly in place in the container when the members of the latter are in the closed position and are secured by the fastening means consisting as above indicated of the tongues 12.

Mounted upon one side wall of the receptacle by means of a suitable slide 17 is a longitudinally slotted roller 18 adapted to receive the end of the tube containing the dental cream or other material to be dispensed and provided exteriorly of the container with a knob or handle 19 which may be milled or otherwise constructed to afford a convenient grip, the stem of the roller operating in a longitudinal slot formed in the meeting edges of the walls of the receptacle members so that as the collapsible tube is twisted or rolled to expel its contents the roller and knob move downwardly with relation to the container so that the complete contents of the tube may be expelled.

For covering the exposed edge of the tube there is employed a cap 20 hinged at 21 to one end wall of the container and provided with a catch arm 22 for engagement with a lip 23 formed on the casing. This cap is adapted to normally enclose and protect the discharge nipple of the tube housed in the container and when in the open or depending position indicated in Figure 4 it serves as a suitable guide for directing the movement of a tooth brush as indicated at 24 in removing paste or cream from the end of the nipple as the same is forced outward by the roller. Thus by grasping the knob or handle of the roller in one hand and using the other hand to hold the brush in proper position in contact with the previously released cap 20 it is possible to apply cream or paste to the brush with the utmost convenience and minimum of waste.

Having described the invention, what is claimed as new and useful is:—

A dental cream container holder compris-

ing oblate casing sections hinged together at one end and provided at their opposite ends with recesses adapted to receive the nipple of the container, said sections being provided at their melting side edges with complemental slots, a roller mounted for movement in the slots and a cap hinged to the recessed end of one of the casing sections and at a point between the recess and the side of the section whereby the side of the cap will engage the end wall of the casing section when the cap is swung to an open position and the edge of the cap may serve as a guide for directing a brush across the recesses and the nipple held therein.

In testimony whereof he affixes his signature.

ROGER D. SIDENER.