

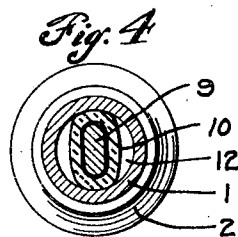
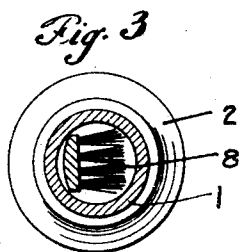
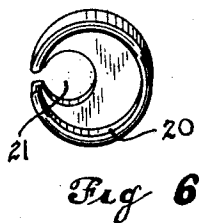
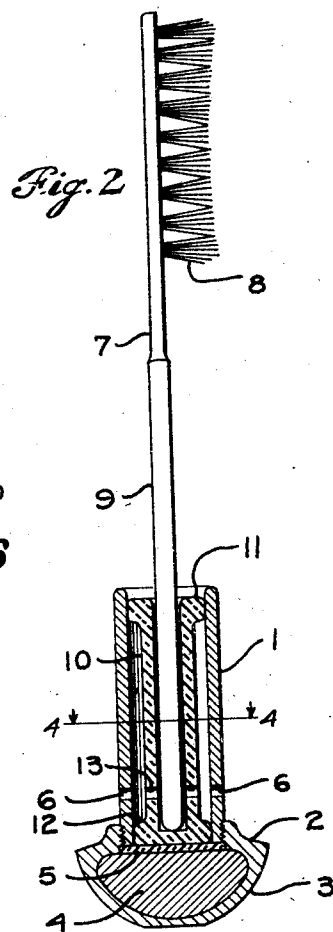
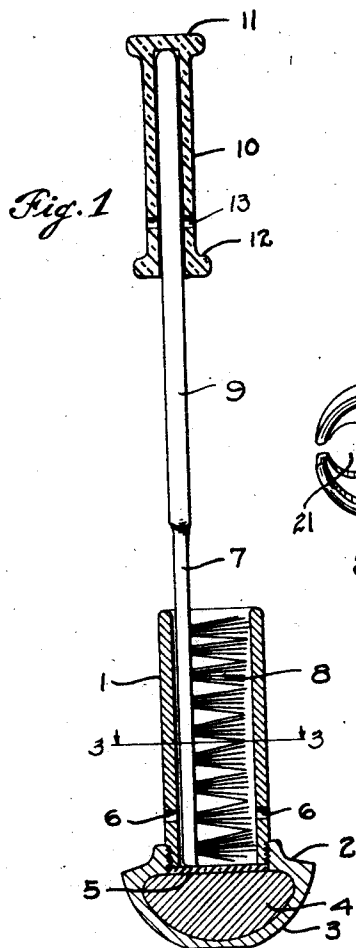
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TOOTHBRUSH HOLDER

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TOOTHBRUSH HOLDER.

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The invention relates to a novel and useful sanitary tooth brush holder, and more especially to such a device cooperating with any ordinary style of tooth brush.

5 The objects and advantages of the invention will be set forth in part hereinafter and in part will be obvious to those employing the invention.

10 The accompanying drawings, referred to herein and constituting a part hereof, illustrate one embodiment of the invention, and together with the description, serve to explain the principles of the invention.

Of the drawings:—

15 Fig. 1 is a central vertical section through the holder and showing the brush with the bristles nested within the holder;

Fig. 2 is a central vertical section through the holder and showing the brush supported 20 in an upright position by its handle;

Fig. 3 is a full horizontal section taken on the line 3—3 of Fig. 1;

Fig. 4 is a full horizontal section taken on the line 4—4 of Fig. 3; and

25 Fig. 5 is an elevation of a modified form of the device;

Fig. 6 is a detail of a cover.

30 The primary purpose of the invention is to provide a tooth brush holder, which will cooperate with any form of handle of the usual tooth brushes found on the market, and which will automatically keep the tooth brush in elevated position, avoiding contamination through the brush lying on a shelf 35 or other support. In one of its features the invention also provides for storing the brush with the bristles protected, as when traveling.

40 In the present preferred embodiment, illustrated herewith by way of example, a holder 1 of preferably cylindrical form is provided having a base 2, the bottom portion 3 of which is of spheroidal form, and is provided with an internal loading 4, whereby the holder will automatically take and retain a vertical 45 or erect position.

50 The holder may be constructed in any suitable manner, but is shown herein with the cylindrical portion 1 preferably screw-threaded into the base 2 and with a resilient moisture proof gasket or washer 5 between these parts, which prevents the leakage or infiltration of moisture. The holder is likewise provided, if desired, with ventilating openings 6.

55 The tooth brush 7 is of ordinary form, and has bristles 8 and a handle 9. As indicated,

the holder 1 is preferably formed to alternatively hold the handle, as shown in Fig. 2, and thereby maintain the brush in upright position, or to receive the head or bristle 60 portion of the brush to protect same for traveling or otherwise packing the brush, as shown in Fig. 1.

To constitute a frictional fit for the handle, and especially for handles of different shape 65 or sizes, a resilient bushing 10 is provided, sufficiently elastic to receive internally handles of different sizes and shapes, the bushing having preferably at the end thereof a highly resilient collar or flange 11, adapted in turn 70 to fit frictionally within the holder 1. A similar collar or flange 12 may be provided at the other end of the resilient bushing if desired. The bushing may likewise be provided with ventilating apertures 13. Thus 75 the device serves to hold the tooth brush always in an elevated or erect position and safe from contamination from contact with shelves or other supports.

80 In Fig. 5 of the drawings, I have shown a holder without the brush storage feature. In this form the bottom portion 3 has two or more spring fingers 16 and 17 projecting upwardly therefrom, these preferably having their ends turned slightly outwardly so that 85 the brush handle may be easily slipped between them, the brush being thereby held in vertical position.

The cover shown in Fig. 6 may be used optionally. It is preferably of rubber or other 90 resilient material. The flanged edge 20 fits into the top of the holder and the recess 21 fits about the brush handle.

95 It will be understood that the specific form of the device may be varied without departing from the invention.

What I claim is:—

1. A tooth brush holder having a base portion weighted to stand on end and having an open-ended cylindrical bracing and support- 100 portion screw-threaded thereon, a water-proof gasket therebetween and compressed by said screw threads, and a removable resilient bushing closed at one end, adapted to encircle a tooth brush handle, and at each end in frictional engagement with the interior wall of 105 said cylindrical portion, said cylindrical portion and bushing being, substantially, at least as long as the bristle portion of a tooth brush providing an extended tooth brush gripping 110 portion.

2. A tooth brush holder having a base por-

tion weighted to stand on end and having extending upwardly therefrom a substantially cylindrical bracing and supporting portion open at its upper end, and a resilient bushing
5 adapted to encircle and hold a tooth brush handle located within and frictionally engaging the cylindrical portion and provided with a flange for closing the cylindrical portion, the intermediate portion of the bushing being spaced away from the cylindrical support. 10

In testimony whereof, I have signed my name to this specification.

FREDERICK REICH.