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DISPOSABLE TOOTH CLEANING KIT

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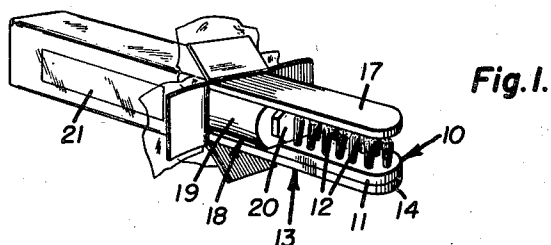


Fig. 2.

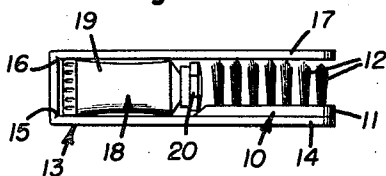


Fig. 3.

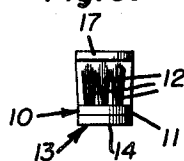


Fig. 4.

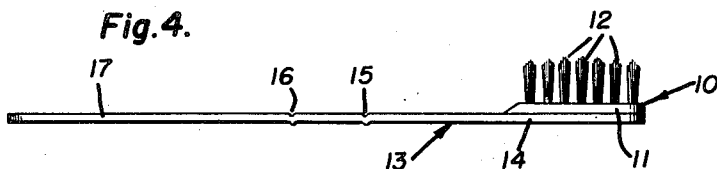
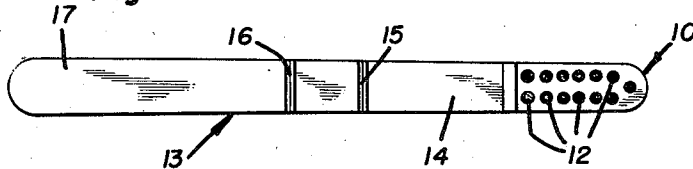


Fig. 5.



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DISPOSABLE TOOTH CLEANING KIT

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2 Claims. (Cl. 132-84)

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This invention relates to a disposable tooth cleaning kit and has for its primary object to contribute to the comfort and convenience of the public in general.

It is not infrequent to find among the fastidious public those persons who desire to preserve at all times the satisfaction enjoyed through dental hygiene, but due to the inconvenience of carrying the necessary equipment find themselves neglecting the operations normally conducted at home.

This invention is to provide the equipment necessary to preserve the dental hygiene desired by enabling those fastidious persons to procure the equipment either through vending machines or over the counter sale in public places.

The above and other objects may be attained by employing this invention which embodies among its features a disposable tooth cleaning kit comprising a brush head, a handle attached to the brush head and extending from one end thereof in longitudinal alignment therewith, said handle having a pair of spaced parallel scores in spaced relation to the head, a container containing tooth cleansing compound lying on the handle between the head and the score nearest thereto, and the handle being bent along the scores to overlie the container and the head to form a guard therefor.

Other features include an elongated rectangular packet for the toothbrush and the container.

In the drawings:

Figure 1 is a perspective view of a packet and the kit, showing the packet opened and the kit partially extracted therefrom;

Figure 2 is a side view of the cleansing kit after it has been withdrawn from the packet;

Figure 3 is an end view of Figure 2;

Figure 4 is a view similar to Figure 2 showing the brush handle extended and the tooth cleansing compound container removed, and

Figure 5 is a plan view of Figure 4.

Referring to the drawings in detail, a brush head designated generally 10 is shown as composed of a pad 11 in which tufts of bristles 12 are anchored in any suitable manner.

Attached to the brush head 10 is a handle designated generally 13 comprising a strip of material such as stiff cardboard or the like 14 to one end of which the head 10 is cemented or otherwise rigidly secured. Formed in the body 14 in spaced relation to the head 10 are spaced parallel scores 15 and 16, the space between the scores being substantially equal to the distance between the handle and the tips of

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the bristles 12 so that when the body 14 forming the handle 13 is bent along the scores as illustrated in Figure 2 the end 17 of the body will overlie the bristles 12 to form a guard therefor.

When the handle is in folded position as illustrated in Figure 2 a suitable container designated generally 18 for a tooth cleansing compound is placed on the body 14 adjacent the head 10, to lie between the head and the nearest score 15. In the drawings, the container 18 comprises a collapsible tube 19 closed by a conventional cap 20. The only difference between the collapsible tube 19 and those commonly employed being in its miniature size.

The entire unit or kit is to be enclosed in a suitable dirt and dust proof packet 21 so that the sanitary conditions of the brush may be preserved, and due to the small size of the kit it may easily be transported in the purse or pocket of the user.

One desiring to make use of the kit may procure it in the ordinary manner from a vending machine or over the counter with the toothbrush and container sealed in the packet 21 against contact with dust, dirt and germs. When it is desired to make use of the kit the packet is torn open as suggested in Figure 1 and the kit extracted therefrom to present in side view the various elements illustrated in Figure 2. Unfolding the handle 13 the toothbrush is ready for use and the tooth cleansing compound may be extracted from the collapsible tube 19 by removal of the cap 20 so as to permit the discharge of the compound onto the brush bristles 12. The user may employ the brush in the ordinary manner and when it has served its purpose its disposal may be accomplished simply by breaking the handle 13 along the score marks and depositing it along with the brush and the container 18 in any convenient waste receptacle.

Due to the small size of the kit it is obvious that it may readily be deposited in the pocket or purse of the user so that one desiring to preserve the hygienic conditions of the mouth may be provided with the facilities so to do.

While in the foregoing there has been shown and described the preferred embodiment of this invention it is to be understood that minor changes in the details of construction, combination and arrangement of parts may be resorted to without departing from the spirit and scope of the invention as claimed.

I claim:

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1. A disposable tooth cleaning kit comprising a tooth brush head, bristles extending laterally from the head, a handle attached to the brush head and extending from one end thereof in longitudinal alignment therewith, said handle having a pair of spaced parallel scores extending transversely thereof in spaced relation to the head, a container containing tooth cleansing compound lying on the handle between the bristles and the score nearest thereto and the handle being bent along the scores to overlie the container and the bristles to form a guard therefor.

2. A disposable tooth cleaning kit comprising a tooth brush head, a handle attached to the brush head and extending from one end thereof in longitudinal alignment therewith, said handle having a pair of spaced parallel scores extending transversely thereof in spaced rela-

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tion to the head, a container containing tooth cleansing compound lying on the handle between the head and the score nearest thereto and the handle being bent along the scores to overlie the container and the head to form a guard therefor, and an elongated rectangular packet for the tooth brush and the container.

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The following references are of record in the file of this patent:

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