July 14, 1925. 1,546,219

J. ENZER ET AL

TOILET ARTICLE

Filed May 28, 1924

Fig-1.

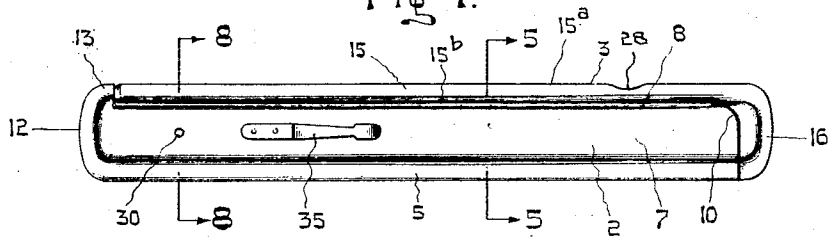


Fig-2.

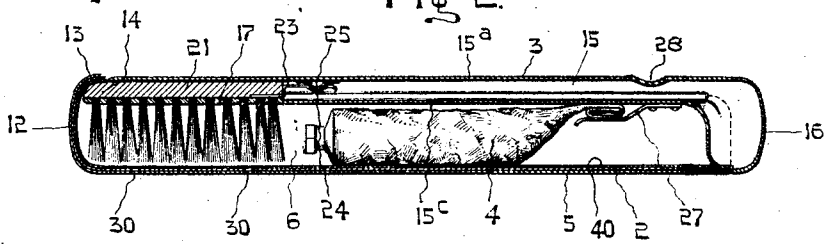


Fig-3.

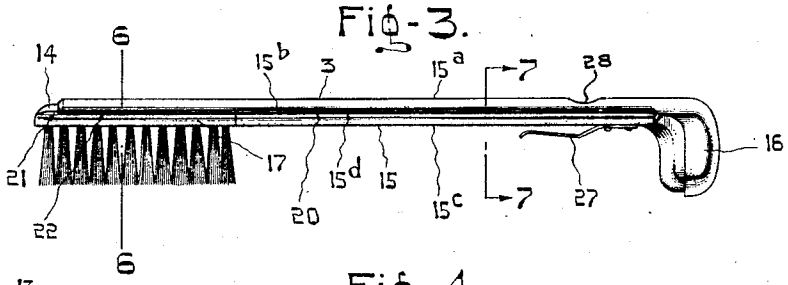


Fig-4.

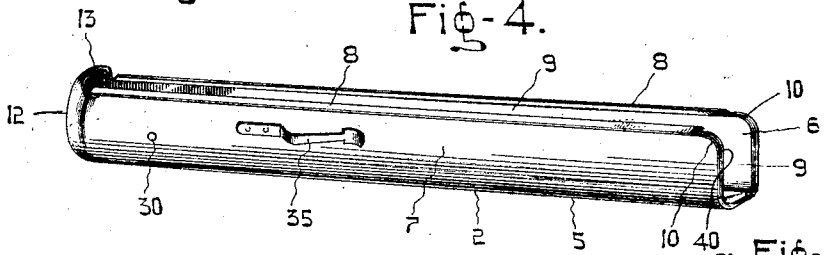


Fig-5.

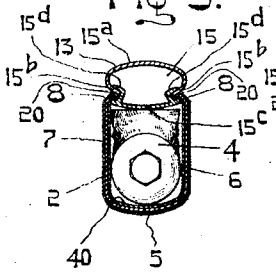


Fig-8.

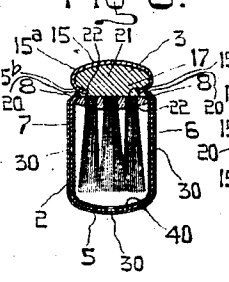


Fig-7.

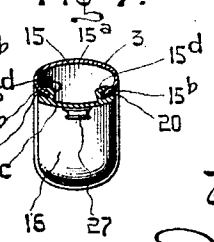
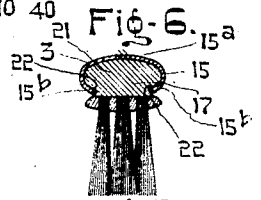


Fig-6.



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UNITED STATES PATENT OFFICE.

JOSEPH ENZER, JOSEPH PRESNER, AND GERALD S. TRITT, OF MONTREAL, QUEBEC, CANADA.

TOILET ARTICLE.

Application filed May 23, 1924. Serial No. 716,413.

To all whom it may concern:

Be it known that we, JOSEPH ENZER, JOSEPH PRESNER, and GERALD S. TRITT, all of the city of Montreal, Province of Quebec, Dominion of Canada, subjects of the King of Great Britain, have invented certain new and useful Improvements in Toilet Articles; and we do hereby declare that the following is a full, clear, and exact description thereof.

Our invention relates generally to articles for cleaning the teeth and particularly to vest pocket kits such as described in a companion application Serial No. 708,705.

The primary object of our invention is to provide a kit of this type which is more sanitary and compact and which has a decorative exterior when closed.

Other objects are to simplify the construction, secure added durability and reduce the cost of production.

To this end the invention consists of the combination, construction and particular arrangement of the parts hereinafter described and illustrated and pointed out in the claims.

For full comprehension, however, of our invention, reference must be had to the accompanying drawings in which similar reference characters indicate the same parts, and wherein:

Figure 1 is a side elevation of a vest pocket tooth cleaning kit constructed according to our invention;

Figure 2 is a longitudinal sectional view thereof;

Figure 3 is a detail view of the combined tooth brush and cover removed;

Figure 4 is a detail view of the case;

Figure 5 is a transverse sectional view taken on line 5—5 Figure 1;

Figure 6 is a detail sectional view of the tooth brush, the section being taken on line 6—6 Figure 3;

Figure 7 is a transverse sectional view taken on line 7—7 Figure 3; and

Figure 8 is a similar view taken on line 8—8 Figure 1.

Referring to the accompanying drawings the preferred embodiment of our invention consists of a case 2 constructed of any desired material, such as aluminum, celluloid, rubber or the like, a tooth brush 3, and a dentifrice receptacle 4.

The case consists of a unitary member of vest-pocket size and of U-cross-section presenting a curved bottom 5, and vertical side walls 6 and 7, the top edges of which are bent inwardly as at 8. The top side and one end of the member is open as at 9 and the side walls are rounded off as at 10 to remove the sharp corners and conform to correspondingly shaped portions on the tooth brush handle which closes the open side and end of the case when in position thereon. The opposite end of the case is closed by a wall 12 which is curved correspondingly to the bottom 5. This wall is extended up a sufficient distance to present a lip 13 overhanging the top side under which the adjacent end 14 of the tooth brush is located when in closed position.

The tooth brush 3 consists of a handle 15 having one end terminating in a hooked enlargement 16 presenting an exterior corresponding in shape to the shape of the opposite end of the case, and a brush 17 detachably mounted upon the end of the handle opposite to its hooked end.

The handle in the present embodiment is hollow although not essentially so and comprises an outer member 15^a of hollow channel cross-section presenting inwardly turned longitudinal side edges 15^b and an inner member 15^c slidably mounted thereon in position closing the open side of the channel, such inner member having hooked side edges 15^a fitting between and interlocking with the edges 15^b of the outer member, the two members coacting in presenting longitudinal external grooves 20 to receive the inwardly turned edges 8 on the main case so that the handle may be slidably mounted thereon.

The inner member 15^c is less in length than the outer member to accommodate a slide 21 carrying the brush. The sides of this slide are grooved as at 22 to receive the inwardly turned edges 15^b and to coact therewith in providing external grooves forming continuations of the grooves 20 and it is locked in place by a spring detent 23, the latter having a depression 24 which is adapted to interlock with a lug 25 on the adjacent portion of the member 15^a.

The dentifrice receptacle 4 consists preferably of a flexible tube which is located loosely within the case between the brush and the hooked end of its handle.

If desired a spring clip 27 may be mount-

ed upon the handle for detachably retaining the tube in position.

In order to provide ventilation that portion of the case immediately adjacent the brush has one or more ports 30.

In assembling our improved kit one end of the dentifrice receptacle is laid lengthwise upon the handle and its narrow end inserted beneath the clip, the handle is then slidably mounted upon the case to position, closing the top and end thereof, the assembled unit presenting a compact and decorative exterior and occupying minimum space.

In opening the unit for use the operation is reversed.

To facilitate the opening movement the handle is provided with a depression 28 in its back in which the thumb or finger of the user may be inserted.

A spring clip for securing the unit in the pocket is attached to one of the side walls of the case as at 35.

If the case is constructed of metal it may be found preferable to cover the interior with a layer of celluloid or the like as at 40 and the exterior may also be covered with some decorative fabric or leather.

What we claim is as follows:—

1. A toilet article of the type described consisting of a hollow case of channel cross-section having an open side and end, and a brush having a handle, said handle being constructed and arranged to be slidably and detachably mounted upon the case in position closing said side and end.

2. A toilet article of the type described consisting of a case having an open side, the longitudinal edges of the case adjacent said opening being turned inwardly, and a brush having a handle having grooved sides and adapted to be slidably mounted upon the case in position closing said open side, the grooves receiving the said inwardly turned edges.

3. A toilet article of the type described consisting of a case of greater length than width and having one of its longitudinal sides open from end to end thereof, a brush adapted to be slidably mounted upon the case in position closing said open side and with its bristles contained within the case, said brush consisting of a handle and a bristle carrying member slidably and detachably mounted upon the handle, and means for retaining the member in position thereon.

4. A toilet article of the type described consisting of a hollow case having an open side and end, the closed end of the case presenting a lip overhanging said open side and the longitudinal side edges of said open side extending inwardly, and a brush adapted to be slidably and detachably mounted in said case in position closing said side and end, said brush having a handle with grooved sides for slidable engagement with the said inwardly extended edges, and a hooked end on said handle, said hooked end corresponding in shape to the closed end of the case, and the end of the handle opposite to said hooked end being adapted to extend beneath said lip when the brush is in closed position upon the case.

5. A toilet article of the type described consisting of a hollow case having an open side and end, the closed end of the case presenting a lip overhanging said open side and the longitudinal side edges of said open side extending inwardly, and a brush adapted to be slidably and detachably mounted in said case in position closing said side and end, said brush having a handle with grooved sides for slidable engagement with the said inwardly extended edges, and a hooked end on said handle, said hooked end corresponding in shape to the closed end of the case, and the end of the handle opposite to said hooked end being adapted to extend beneath said lip when the brush is in closed position upon the case, means for facilitating the sliding movements of the brush upon upon the case consisting of a depression in the back of the handle forming a thumb hold.

6. A toilet article of the type described consisting of a hollow case having an open side and end, the closed end of the case presenting a lip overhanging said open side and the longitudinal side edges of said open side extending inwardly, and a brush adapted to be slidably and detachably mounted in said case in position closing said side and end, said brush having a handle with grooved sides for slidable engagement with the said inwardly extended edges, and a hooked end, said hooked end corresponding in shape to the closed end of the case, and the end of the handle opposite to said hooked end being adapted to extend beneath said lip when the brush is in closed position upon the case, means for facilitating the sliding movements of the brush upon the case consisting of a depression in the back of the handle forming a thumb hold, and ventilating ports in the wall of the case.

7. A toilet article of the type described consisting of a hollow case having an open side and end, the closed end of the case presenting a lip overhanging said open side and the longitudinal side edges of said open side for extending inwardly, and a brush adapted to be slidably and detachably mounted in said case in position closing said side and end, said brush having a handle with grooved sides for slidable engagement with the said inwardly extended edges, and a hooked end, said hooked end corresponding in shape to the close end of the case, and the end of the handle opposite to said hooked end being adapted to extend beneath said lip when the

brush is in closed position upon the case, means for facilitating the sliding movements of the brush upon the case consisting of a depression in the back of the handle forming a thumb hold, and ventilating ports in the wall of the case, and a resilient retaining clip secured upon the outside face of the case.

In testimony whereof we have signed our names to this specification in the presence of two witnesses:

JOSEPH ENZER.
JOSEPH PRESNER.
GERALD S. TRITT.

Witnesses:
GORDON G. COOKE.
FOREST S. MCFEAT.