G. O. BURLEW.

DENTRIFICIAL TABLET.

APPLICATION FILED NOV. 13, 1920.

1,411,681.

Patented Apr. 4, 1922

Fig. 1.

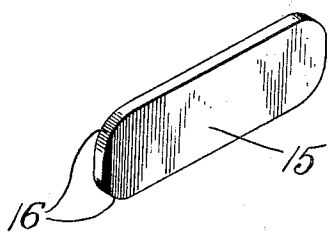


Fig. 2.

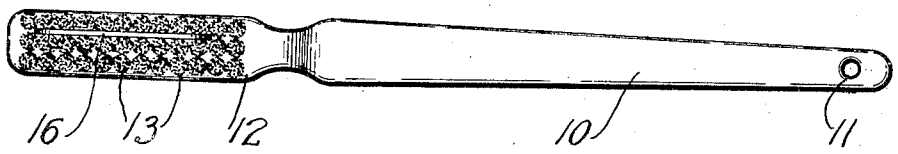
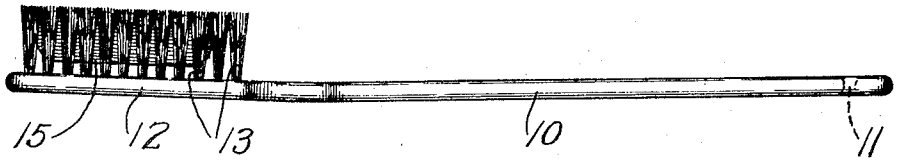


Fig. 3.



Inventor

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UNITED STATES PATENT OFFICE.

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DENTIFRICIAL TABLET.

1,411,681. Specification of Letters Patent. Patented Apr. 4, 1922.

Application filed November 13, 1920. Serial No. 423,778.

To all whom it may concern:

Be it known that I, GILDEROY O. BURLEW, a citizen of the United States, residing in Newark, in the county of Essex and State of New Jersey, have invented certain new and useful Improvements in Dentifricial Tablets, of which the following is a specification.

The object of this invention is to provide a dentifrice or tooth cleaning preparation in a novel and highly efficient tabloid form, adapted to be inserted between the rows of bristle tufts of a tooth brush, the tabloid or wafer becoming slowly dissolved upon being subjected to liquids and gentle trituration.

Dentifrices in the form of creams or pastes, contained in collapsible tubes, often harden in their containers, causing the tubes to burst in the effort of expelling their contents, a total loss of the same ensuing.

Even when the contents are properly extruded the roll or strip frequently falls off the brush wasting the same.

Powders are inherently mussy and wasteful in their application, and liquids obviously cannot contain certain substances deemed desirable for such purposes.

The object then of this invention is to provide a dentifrice in a form which can be conveniently used without waste, is not subject to deterioration by lapse of time in proper storage, can be compactly packaged and may be composed of any preferred combination of substances.

These objects and purposes are attained by the novel design and construction of wafers or tabloids as hereinafter described and shown in the accompanying drawings, forming a component part of this disclosure, and in which:—

Figure 1 is perspective view of a wafer made in accordance with the invention.

Figure 2 is a plan view of a conventional tooth brush illustrating the application of the wafer.

Figure 3 is a side elevational view of the same.

Referring to the drawings in detail, the numeral 10 designates the handle of a common type of tooth brush, the same being provided with an opening 11 by which the brush may be suspended, the handle being usually formed integral with the backing 12 in which are set the rows of bristle tufts 13 constituting the brush.

The wafer or tabloid 15 may be made of any preferred ingredients adapted for the purpose of cleansing and polishing the teeth, including mild abrasives, antiseptics and medicaments having curative properties to meet diseased conditions of the gums and flavored as desired.

The plastic mass is rolled and stamped or pressed direct into the form shown, which as indicated, is that of a relatively thin flat substantially rectangular slab, having rounded corners 16 and adapted to be inserted longitudinally between any adjacent rows of the bristle tufts where it is retained by frictional contact.

In use the brush is moistened by dipping into water or other convenient means, the wafer, which is limitedly pliable, is entered from the outer end of the brush between any of the tuft rows and the brush used in ordinary manner, preferably by a rolling vertical motion with reference to the teeth.

As the wafer absorbs the moisture and is brought into frictional contact with the teeth, it slowly dissolves, liberating the particles of its composition, which obviously are directly and positively applied where required without loss or waste.

From the foregoing it will be seen that a new article of manufacture has been disclosed, convenient and economical in use, readily portable and not easily subject to deterioration.

It is to be understood however that minor changes may be made from the exact shape shown and that any ingredients preferred may be used in its composition without affecting the scope and spirit of the invention as hereafter claimed.

I claim:

1. A new article of manufacture comprising an elongated wafer, composed of den-

tifricial material and adapted to be inserted between adjacent rows of tufts in a tooth brush.

2. A new article of manufacture comprising a pliable wafer substantially rectangular in profile suited to be held frictionally in the bristles of a tooth brush and composed of dentifricial substances.

3. A new article of manufacture comprising an insertable member consisting of a soluble tooth cleaning and polishing material designed to be held frictionally in the bristles of a tooth brush.

This specification signed and witnessed this 11th day of November, 1920.

GILDEROY O. BURLEW.

Witnesses:
EDWARD A. GITT,
FERDINAND NOLL.