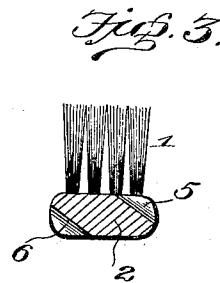
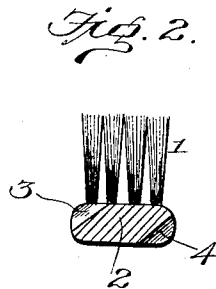
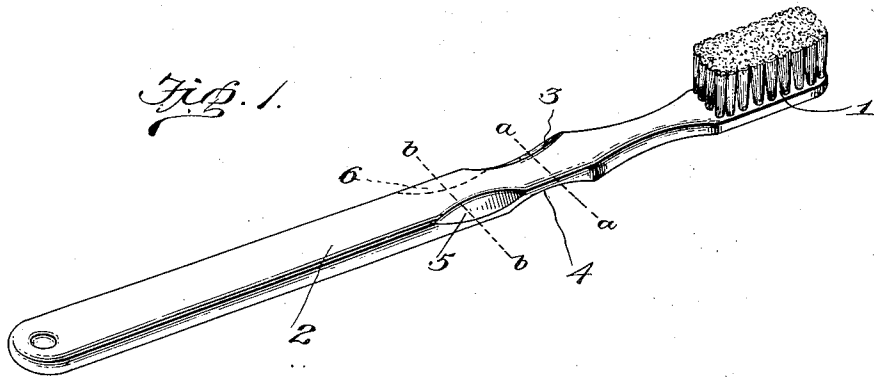


No. 835,709.

PATENTED NOV. 13, 1906.

C. D. MILLER.
TOOTH BRUSH.

APPLICATION FILED JUNE 25, 1906.



Witnesses
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C. H. Griebauer.

Inventor
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UNITED STATES PATENT OFFICE.

CHAUNCEY D. MILLER, OF POUGHKEEPSIE, NEW YORK.

TOOTH-BRUSH.

No. 835,709.

Specification of Letters Patent.

Patented Nov. 13, 1906.

Application filed June 25, 1906. Serial No. 323,273.

To all whom it may concern:

Be it known that I, CHAUNCEY D. MILLER, a citizen of the United States, residing at Poughkeepsie, in the county of Dutchess and State of New York, have invented new and useful Improvements in Tooth-Brushes, of which the following is a specification.

My invention relates to improvements in tooth-brushes, particularly with reference to the construction of a tooth-brush handle, to facilitate the use of the brush and to aid in educating and habituating the user of the brush in imparting thereto a downward movement when in use on the upper teeth and an upward movement when in use on the lower teeth, as hereinafter described and claimed.

In the accompanying drawings, Figure 1 is a perspective view of a tooth-brush embodying my improvements. Fig. 2 is a transverse sectional view taken through the handle of the same on the plane indicated by the line *a a* of Fig. 1, and Fig. 3 is a similar view taken on the plane indicated by the line *b b* of Fig. 1.

The head 1 of the brush is preferably relatively short, as here shown. The length of said head may, however, be varied at will, and I do not limit myself in this particular.

The handle 2 is here shown as comparatively straight and as flattened on opposite sides. In opposite sides of the handle at opposite edges thereof and at a suitable distance from the brush-head are a pair of recesses 3 4, the bottoms of which are longitudinally curved, said recesses being, in effect, chamfers of suitable length, the bottoms of which are substantially parallel with each other and are laterally at substantially an angle of forty-five degrees to the outer and inner sides of the brush-handle. The recess

3 is for the reception of the thumb, and the recess 4 is for the reception of the forefinger of the left hand of the user when using the brush on the lower teeth, and the location, arrangement, and shape of such recesses is such as to enable the user to readily impart the required upward movement to the bristles when brushing the lower teeth.

At a suitable distance from the pair of recesses 3 4 are similar recesses 5 6, which are reversely arranged with reference thereto and are respectively for the reception of the thumb and forefinger of the right hand when the brush is being used on the upper teeth to enable the user to readily give the required downward movement of the bristles.

Having thus described my invention, what I claim as new, and desire to secure by Letters Patent, is—

A tooth-brush having its handle provided in its opposite side edges with a pair of recesses for the reception of the thumb and forefinger of the left hand, the bottoms of said recesses being substantially parallel with reference to each other and at substantially an angle of forty-five degrees to the general plane of the handle, the latter being further provided in its opposite side edges with a similar pair of recesses, for the reception of the thumb and forefinger of the right hand, the bottoms of said right-hand recesses being reversely arranged with reference to those of the contiguous left-hand recesses.

In testimony whereof I have signed my name to this specification in the presence of two subscribing witnesses.

CHAUNCEY D. MILLER.

Witnesses:

WILLIAM C. STERLING,
DAVID A. BURT.