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No. 814,235.

PATENTED MAR. 6, 1906.

M. ROSENSTEIN.
TOOTH BRUSH.

APPLICATION FILED APR. 29, 1905.

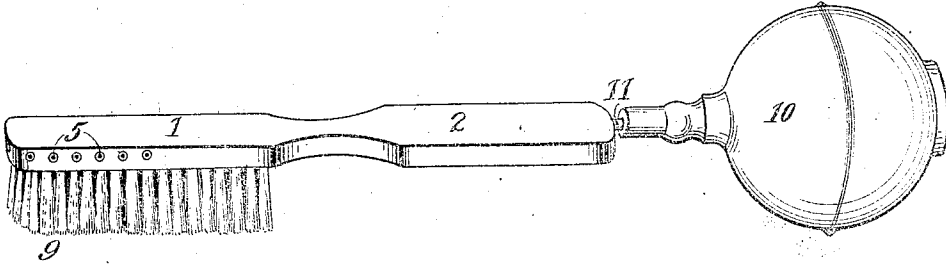


Fig. 1.

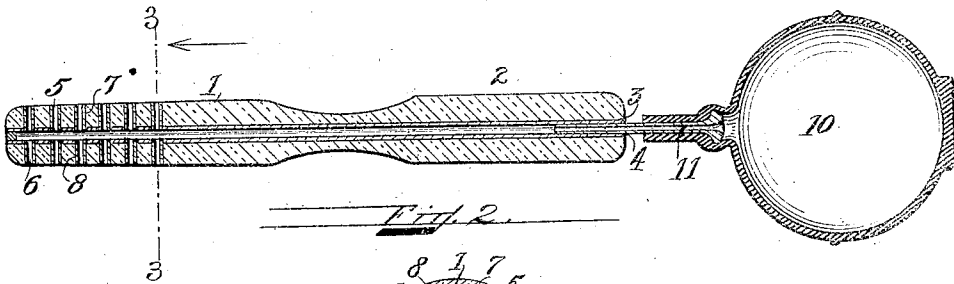


Fig. 2.

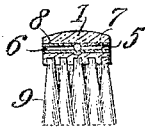


Fig. 3.

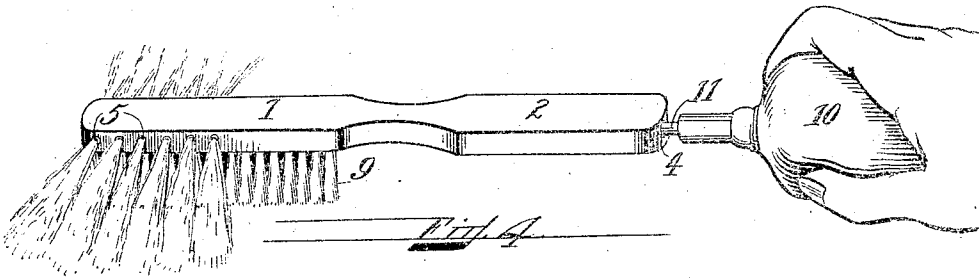


Fig. 4.

Witnesses:
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UNITED STATES PATENT OFFICE.

MOSES ROSENSTEIN, OF MEDFORD, MASSACHUSETTS.

TOOTH-BRUSH.

No. 814,235.

Specification of Letters Patent.

Patented March 6, 1906.

Application filed April 29, 1905. Serial No. 258,061.

To all whom it may concern:

Be it known that I, MOSES ROSENSTEIN, of Medford, in the county of Middlesex and State of Massachusetts, have invented certain new and useful Improvements in Tooth-Brushes, of which the following is a specification.

My invention relates to improvements in tooth-brushes; and the objects of my improvements are to provide means of applying fluid for cleansing the gums and teeth by a removable receptacle which may be readily refilled and to adapt the brush to such application by means of a tubular duct connected with orifices contiguous to the brush. I attain these objects by the mechanism illustrated in the accompanying drawings, in which—

Figure 1 is a view in perspective of the entire invention. Fig. 2 is a sectional view of the same. Fig. 3 is a vertical section on the line 3 3 in Fig. 2. Fig. 4 is a view in perspective of the entire invention.

Similar numerals denote similar parts throughout the several views.

1 is the back of the brush with the handle 2 made integral with it of usual form and material and constructed with a horizontal bore 3, in which is fitted a tubular duct 4. The tubular duct 4 has the lateral ducts 5 5 6 6, which extend in suitable bores 7 and 8 to the edges or surface of the back 1.

10 is a rubber bulb of ordinary form and

construction wherein is fixed the tube 11, adapted to have its outer end fit in the tubular duct 4 at the end of the handle 2. The bulb 10 is filled with liquid dentifrice and then connected by the tube 11 with the tubular duct 4, and by pressure on the bulb, as shown in Fig. 4, the liquid dentifrice is forced through the tubular duct 4 and the lateral ducts 5 6 and sprayed upon the gums and teeth, and by use of the brush in the ordinary way the teeth may be cleansed, while the gums are saturated without friction of the tufts, which renders them liable to bleed and to injury.

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

A tooth-brush having a tubular duct 4 provided with lateral ducts, 5 and 6, extending to the sides of the brush and arranged in suitable bores in the back of said brush in combination with a rubber bulb 10 provided with a tube 11 adapted to have one end fit in the duct 4 of said brush as described, all substantially as set forth and for the purpose described.

In testimony whereof I have affixed my signature in presence of two witnesses.

MOSES ROSENSTEIN.

Witnesses:

CHARLES HERBERT WARREN,
ELIZABETH DUN.