J. H. KINNEY.

TOOTH BRUSH.

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905,886.

Patented Dec. 8, 1908.

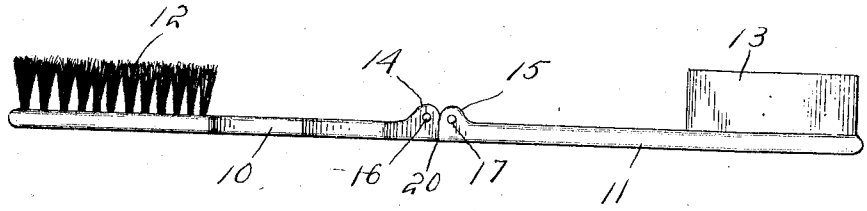


Fig. 1

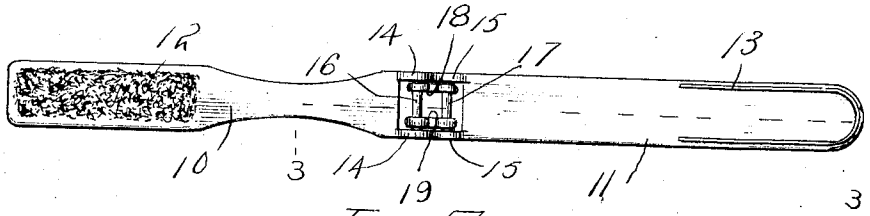


Fig. 2

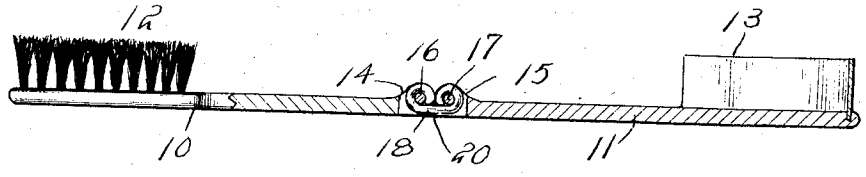


Fig. 3.

Witnesses

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UNITED STATES PATENT OFFICE.

JOHN H. KINNEY, OF ROCKAWAY, NEW JERSEY.

TOOTH-BRUSH.

No. 905,686. Specification of Letters Patent. Patented Dec. 8, 1908.

Application filed August 5, 1908. Serial No. 447,101.

To all whom it may concern:

Be it known that I, JOHN H. KINNEY, a citizen of the United States, residing at Rockaway, in the county of Morris, State of New Jersey, have invented certain new and useful Improvements in Tooth-Brushes; and I do hereby declare the following to be a full, clear, and exact description of the invention, such as will enable others skilled in the art to which it appertains to make and use the same.

This invention relates to tooth brushes, and has for one of its objects to provide a simply constructed device of this character having an intermediately jointed handle with a cover device upon the outer handle section and adapted to cover the bristle portion of the brush when folded.

With these and other objects in view the invention consists in a tooth brush having its handle intermediately jointed, the principal feature of the invention lying in the novel form of the joint between the handle sections.

In the drawings illustrative of the preferred embodiment of the invention, Figure 1 is a side elevation of the improved brush. Fig. 2 is a plan view of the same viewed from the bottom. Fig. 3 is a section on the line 3—3 of Fig. 2.

The improved device is designed for providing a simply constructed folded tooth brush which may be safely carried in the pocket or otherwise disposed within a small space when not in use, and comprises a stock formed in two sections 10—11 with a brush head 12 upon one end of the stock, and a cover member 13 at the free end of the other handle section 11, the two sections hingedly connected together so that when folded the cover member 13 will bear over the brush head 12 and protect it.

The confronting ends of the sections 10—11 are arranged to bear squarely against each other at one side and with ears 14—15 pierced transversely to receive pivot pins 16—17. Coupling the pins 16—17 are wire devices 18—19 bent into loops at their ends for engaging the pins, and thus complete a rule joint by which the two members 10—11 are jointed. By this arrangement it will be obvious that the members 10—11 are free to be turned over with the cover 13 over the brush portion 12 but will be prevented from moving beyond a horizontally alining position when open as shown in Fig. 1 by the square corners 20 of the confronting ends of the members 10—11. Thus the members 10—11 may be folded over to lie in superimposed position when moved in one direction, but will be effectually prevented from moving beyond a horizontally alined position, as shown. Thus the brush handle is firmly supported in open or operative position, and may be folded with the cover 13 disposed over the brush head 12 and effectually protecting and guarding the same.

The members 10—11 are substantially of the same length, and when folded the device may be carried in a small space, such as a vest pocket, or disposed in a valise or other similar device. The device when thus stored in a valise may be carried by a person without inconvenience or occupying room that would be available for other articles.

The members 10—11 may be of any required material and of any suitable size, and may be of ivory, bone or the like usually employed for tooth brush handles, while the wire 18 may be of silver or of baser metal and plated, or colored to correspond to the handle sections.

The cover 13 may be of any required material, or compound, and may be of silver, or of a baser metal and plated, or may be constructed of the same material as the handle sections.

The device is simple in construction, and may be employed for all the purposes for which tooth brushes are used, and when in folded position the brush portion is amply protected, and the brush adapted to be carried in the vest pocket, or other receptacle or disposed in a valise, hand bag, or the like.

What is claimed, is:—

1. A tooth brush having a stock in two parts with the brush at one end of one part and a cap at one end of the other part and adapted to cover the brush when the parts are in folded position, the confronting ends of said parts having longitudinally alined recesses, links fitting at the ends in said recesses, and pivot pins extending through said recesses and links.

2. A tooth brush having a stock in two parts with the brush at one end of one part and a cap at one end of the other part and adapted to cover the brush when the parts are in folded position, the confronting ends of said parts having square abutting shoulders at one side and with longitudinally alined recesses, links fitting at the ends in said recesses, and pivot pins extending through said recesses and links.

In testimony whereof, I affix my signature, in presence of two witnesses.

JOHN H. KINNEY.

Witnesses:
EDWARD J. BLANCHARD,
ELLSTON W. HEATH.