A. E. PECK.

TOOTH BRUSH.

APPLICATION FILED AUG. 21, 1916.

1,303,588. Patented May 13, 1919.

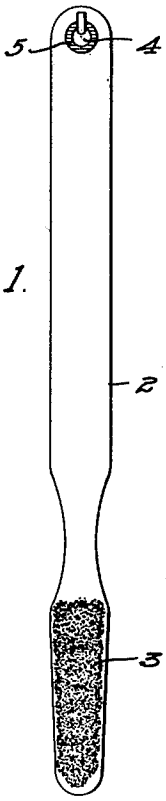


FIG. 1.

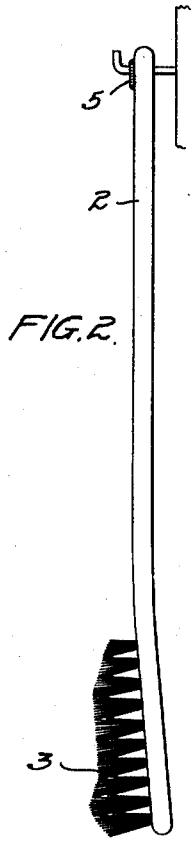


FIG. 2.



FIG. 10.

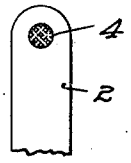


FIG. 11.

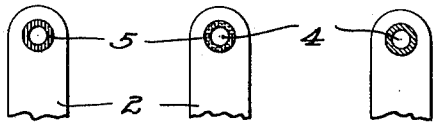


FIG. 3. FIG. 4. FIG. 5.

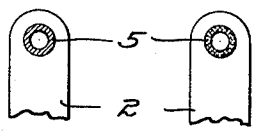


FIG. 6. FIG. 7.

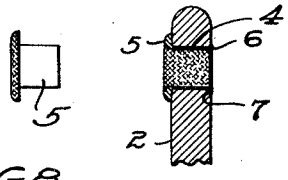


FIG. 9.

FIG. 8.

WITNESSES

M. R. McInnis

G. E. Sorensen

INVENTOR

ARTHUR E. PECK

BY Paul & Paul

ATTORNEYS

UNITED STATES PATENT OFFICE.

ARTHUR E. PECK, OF MINNEAPOLIS, MINNESOTA, ASSIGNOR TO A. E. PECK MANUFACTURING CO., OF MINNEAPOLIS, MINNESOTA, A CORPORATION.

TOOTH-BRUSH.

1,303,588. Specification of Letters Patent. Patented May 13, 1919.

Application filed August 21, 1916. Serial No. 116,030.

To all whom it may concern:

Be it known that I, ARTHUR E. PECK, a citizen of the United States, resident of Minneapolis, county of Hennepin, State of Minnesota, have invented certain new and useful Improvements in Tooth-Brushes, of which the following is a specification.

Considerable difficulty has been experienced, particularly in large families, in distinguishing the individual tooth brushes. Manufacturers have attempted to make such brushes distinctive by providing different shapes of handles, but this has added to the expense of manufacture and has not been entirely satisfactory, nor is it always practicable to mark the brush handles with the name or the initials of the owner.

The object of my invention is to provide an extremely simple and thoroughly efficient means for marking a brush so that the owner can easily and quickly distinguish it even though it may be mixed with a number of other brushes.

A further object is to provide a distinctive marking means which will not detract but rather add to the appearance of the brush handle and will not make any material difference in the cost of manufacture.

My invention consists generally in a tooth brush handle marked as hereinafter described and pointed out in the claims.

In the accompanying drawings forming part of this specification,

Figure 1 is a front view of a tooth brush supported on a suitable hook and having my invention applied thereto,

Fig. 2 is an edge view of the same,

Figs. 3, 4, 5, 6 and 7 are detail sectional views illustrating the different colors of the marking eyelets,

Fig. 8 is a detail view of one of the eyelets ready to be inserted into the handle,

Fig. 9 is an enlarged view, showing the manner of fastening the eyelet in the handle,

Figs. 10 and 11 illustrate a modified construction, showing the substitution of pins or plugs for the eyelets.

In the drawing, 2 represents the handle of a tooth brush, of any ordinary or preferred form, having the bristles 3 at one end and provided at its opposite end with a hole or orifice 4 extending entirely through the handle, which may be made of any suitable material. 5 represents an eyelet having a rolled over edge at one end and bearing some distinctive color, the one shown in Fig. 2 representing blue. The other end of the eyelet projects slightly beyond the opening and is upset or pressed outwardly to form a flange 6 that is seated against a beveled edge 7 of the opening. This eyelet is made preferably of comparatively thin metal, though any other suitable material may be used, and the upsetting or pressing outwardly of the end may be accomplished by a button-hook, knife handle or any other suitable tool sufficient to expand the metal and prevent the eyelet from accidentally dropping out of the orifice in the handle.

The eyelet of another brush may be yellow, another green, and so on, as indicated by the different shades in Figs. 3 to 7 inclusive. These eyelets I prefer to furnish with the brush, to be placed in the orifice by the user, and when a person has once selected a certain color by which the individual tooth brush is designated, there will never be any danger of confusion, even though the brush may be misplaced or accidentally mixed with others.

As indicated in Figs. 10 and 11, I may substitute colored plugs or pins in place of the eyelets, giving them some distinctive color or marking which will identify the brush, said pins being inserted into the openings in the handles in place of the eyelets or tapped into the handles at any other suitable place thereon.

In various other ways this marking may be effected, the idea broadly being to provide some adjunct of the brush handle which, by means of its color, will enable the brush in which it is used to be easily identified.

The advantage of this manner of marking lies in the fact that the user himself marks the brush with an individual color, shape or design, whereas usually the manufacturer selects some arbitrary marking means and the purchaser of the brush has no choice, but is obliged to adopt whatever mark he may find on the brush. My improved marking arrangement also eliminates the necessity of the manufacturer marking both the container and the brush. In fact, the manufacturer is eliminated from the question entirely except that he furnishes the marking means to the customer.

I claim as my invention:

1. A tooth brush handle having an eyelet mounted therein and bearing a distinguishing color.

2. A tooth brush handle having an orifice therein, an eyelet fitting within said orifice and having a distinguishing color at one end and an opposite end that is adapted to be pressed outwardly to engage the walls of the orifice.

In witness whereof, I have hereunto set my hand this 18th day of August, 1916.

ARTHUR E. PECK.