B. B. FLINT.

IDENTIFICATION DEVICE FOR TOOTH BRUSHES AND THE LIKE.

APPLICATION FILED NOV. 13, 1915.

1,222,377. Patented Apr. 10, 1917.

Fig. 1.

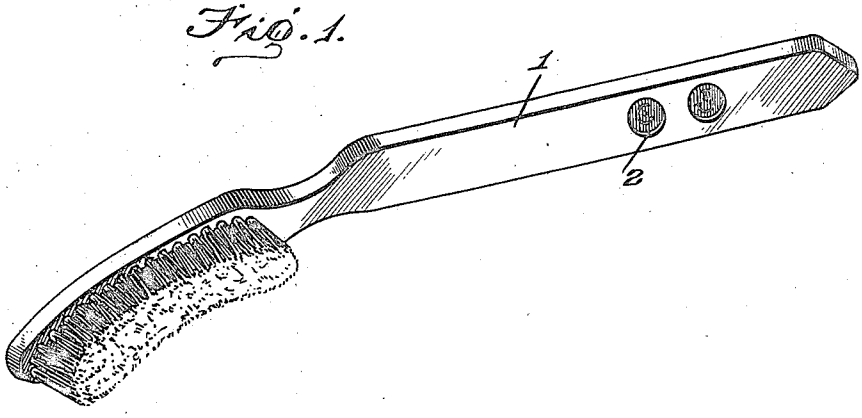


Fig. 2.

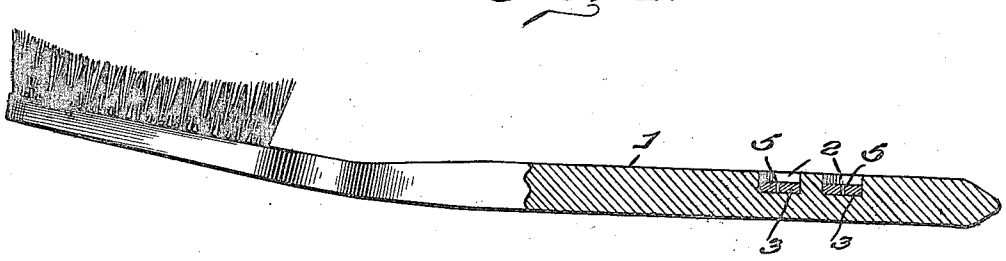
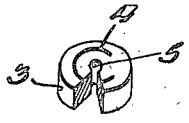


Fig. 3.



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UNITED STATES PATENT OFFICE.

BRADFORD B. FLINT, OF SARANAC LAKE, NEW YORK.

IDENTIFICATION DEVICE FOR TOOTH-BRUSHES AND THE LIKE.

1,222,377. Specification of Letters Patent. Patented Apr. 10, 1917.

Application filed November 13, 1915. Serial No. 61,376.

To all whom it may concern:

Be it known that I, BRADFORD B. FLINT, a citizen of the United States, residing at Saranac Lake, in the county of Franklin and State of New York, have invented certain new and useful Improvements in Identification Devices for Tooth-Brushes and the like, of which the following is a specification.

This invention relates to identification devices for tooth brushes and other articles which it is desired should bear the initials of the user.

It is one aim of the invention to provide an identification device of such nature that a druggist or other dealer in the tooth brushes or other articles to be identified by means of the device, may readily and quickly apply and permanently assemble with the handle or other portion of such article any desired combination of initial disks desired by the purchaser.

A further aim of the invention is to provide for assemblage and connection of the initial disks with the article to be identified in such manner that the initials upon the said disks will not be likely to be obliterated or worn off through use.

Another aim of the invention is to provide a device for the purpose stated of such construction that the disks may be securely and permanently held in place without the use of adhesive or any extraneous securing means.

In the accompanying drawing,—

Figure 1 is a perspective view of a tooth brush equipped with the identification device embodying the present invention;

Fig. 2 is a view partly in elevation and partly in longitudinal section illustrating the invention;

Fig. 3 is a sectional perspective view of one of the rigid initial disks.

In the drawing, the numeral 1 indicates the handle of a tooth brush and this handle may be of any of the various kinds of material employed for the purpose. The numeral 2 indicates a series of recesses formed in one face of the handle and these recesses may be of any desired diameter and depth and may be circular, square, or in fact of any desired shape. In any event the walls of the recesses 2 are perpendicular to the bottom walls of the recesses. The handle may be provided with a single one of the recesses or any desired number of the recesses may be formed therein and relatively positioned and spaced in any manner desired.

Each recess is designed to receive a rigid initial disk heretofore mentioned and one of these disks is indicated in the drawings by the numeral 3 and may be of the same material as the handle or of any other suitable material. Each disk is of a diameter to fit exactly within one of the recesses but is of a thickness less than the depth of the recess so that when the disks are fitted into place they will be housed completely within the recesses and their exposed faces will be spaced below the surface of the handle in which the recesses are formed. As above stated each of the initial disks is of a diameter to fit within its respective recess so that in assembling the disks with the handle it is necessary to exert some little force in pressing the disks into the recesses and by reason of the tight fit of the disks within their respective recesses they are retained and held permanently in place without the necessity of employing some extraneous fastening means, such as adhesive. The exposed face of each of the disks bears an initial letter as indicated at 4, and it will be understood that a druggist or other dealer purchasing a number of brushes having the recesses formed in their handles will be supplied with a number of the initial disks from which he may make a selection in composing the desired combination of initials at the time of selling one of the brushes. It will be understood that inasmuch as the disks are housed completely within the recesses and their exposed faces are located below that face of the brush handle in which the respective recesses are formed, it will not be possible to remove the disks by means of a knife blade or the like nor will their exposed or initial bearing faces be subjected to wear incident to handling of the brush. As a consequence the initials will not be likely to be worn off through constant use of the brush. In order that as the disks are pressed into place in the recesses, the air confined may escape, each of the disks is formed axially with a very small opening 5.

Having thus described the invention, what is claimed as new is:—

1. The combination with an article having one or more recesses formed in the surface thereof, the walls of the recess or re-

cesses being perpendicular to the bottom thereof, of a rigid identification disk conforming to and seating within the recess or recesses and held solely therein by frictional engagement with the walls of the recess, said disk being of a thickness less than the depth of the corresponding recess and having its exposed face located in a plane below the surface in which the recess is formed and provided with a designating character.

2. The combination with an article having one or more recesses formed in the surface thereof, the walls of the recess or recesses being perpendicular to the bottom thereof, of a rigid identification disk conforming to and seating within the recess or recesses and held solely therein by frictional engagement with the walls of the recess, said disk having its exposed face provided with a designating character.

In testimony whereof, I affix my signature.

BRADFORD B. FLINT. [L. S.]