May 11, 1937. H. M. BALLOU 2,080,248

COMB

Filed Nov. 22, 1935

Fig. 1.

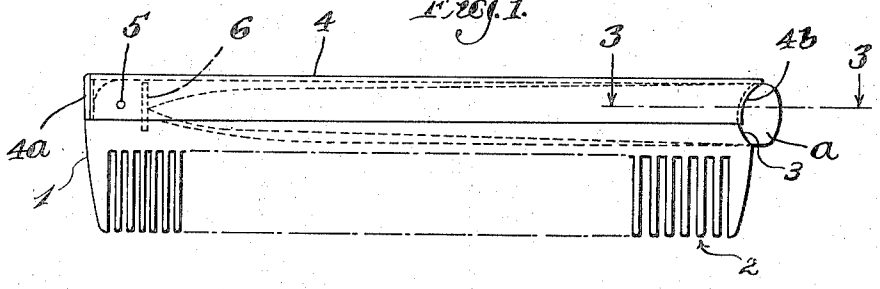


Fig. 2.

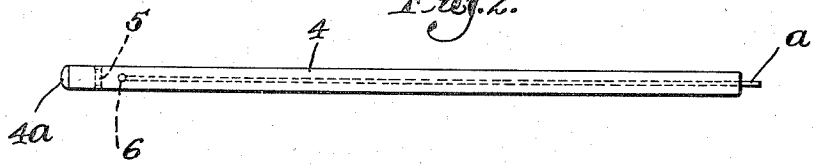


Fig. 3.

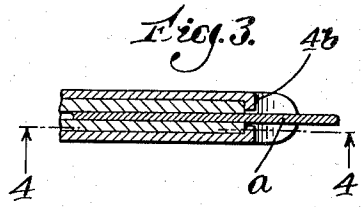
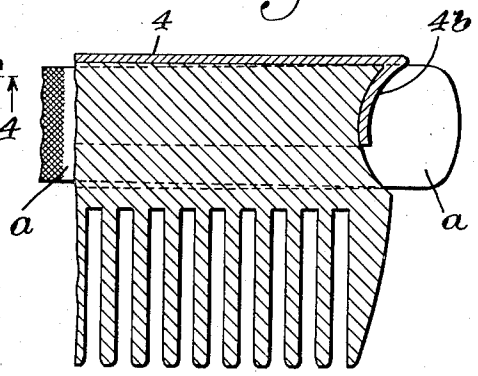


Fig. 4.



Inventor
H. M. Ballou
by Geo. N. Goddard
attorney

Patented May 11, 1937 2,080,248

UNITED STATES PATENT OFFICE

2,080,248

COMB

Howard M. Ballou, North Attleboro, Mass.

Application November 22, 1935, Serial No. 51,066

3 Claims. (Cl. 132—79)

This invention relates to combs and is intended to provide a comb constructed to fully perform its functions as a comb while at the same time affording means for carrying an additional toilet article, such as a nail file for example, whose small dimensions frequently lead to its being mislaid or lost, especially when one is travelling.

With this object in view, the comb forming the subject matter of this invention comprises a back and the usual row of projecting teeth, the back being provided along its outer edge with a narrow longitudinal recess or slot suitably dimensioned to receive a nail file or similar article, the open side of the slot being closed by a guard member, preferably of pressed metal, which is securely fastened to the comb back in such a way as to close the open side of the slot and at the same time afford such reenforcement of the slotted back as will eliminate the danger of breaking the back of the comb when in use.

In the accompanying drawing is illustrated a construction embodying the principles of this invention, in which

Fig. 1 is a side elevation of the comb showing the contour of an inserted nail file in dotted lines.

Fig. 2 is a top edge view of the comb showing the projecting end of the inserted file.

Fig. 3 is a detail view in cross section on the plane indicated by sectional line 3—3.

Fig. 4 is a detail view of one end of the comb on the vertical plane 4—4 of Fig. 3.

According to the practice illustrated in the drawing, the comb, of any suitable material and contour, comprises the longitudinal back 1 with the usual row of projecting spaced teeth 2, one end of the comb back being formed with a concavely curved recess as shown at 3.

The back 1 of the comb is provided with a longitudinal narrow slot extending from the outer edge inwardly toward the teeth to a suitable depth to receive a nail file, or similar article.

The outer edge of the slot is closed by a hollow casing member 4 of substantially U-shape in cross section, whose contour corresponds to the contour of a comb back so as to fit snugly over the back and form at the same time a protective reenforcement for the comb back, while enclosing the slot both for the purpose of retaining the file and excluding the entrance of dirt, lint or the like.

For convenience in manufacture, the slot may extend the entire length of the comb back and one end of the slot is closed by the closed end wall of the casing, as shown at 4^a. The opposite end of the casing 4 is provided with inturned curved flanges 4^b conforming to the concave contour of the open end of the comb back, which flanges serve not only to protect the slotted end portions of the comb back but by interlocking engagement therewith to hold the casing securely in place.

In assembling the casing upon the comb back the flanged end of the casing is fitted over the open end of the comb with the flanges engaging the concave or recessed end portion of the comb back and on this as a fulcrum the closed end 4^a of the casing is pressed down upon the comb back for the full length thereof. A short rivet is then inserted through aligned holes in the casing and the comb back, as shown at 5, and thus both ends of the casing, which is made to fit very snugly over the comb back, are securely held in place. Should it be desired for any reason to remove the casing, the rivet can be driven out to permit such removal but the construction ordinarily serves as a permanent attachment between the casing and the comb.

In order that the nail file supplied with the comb shall project just sufficiently to permit easy removal with the fingers, a stop pin 6 is driven into the slotted recess or chamber at a suitable distance from the rivet 5 to properly position the file.

It will be seen, therefore, that the recessing of the comb to form the storage chamber does not weaken the complete comb structure but indeed adds to its strength, while at the same time the method of fastening the casing is exceedingly simple and efficient.

What I claim is:

1. A toilet article comprising a comb having a back member and projecting teeth, the back being provided with a longitudinal slot extending inwardly from back edge to form a file-receiving chamber and having one slotted end concavely recessed, a hollow casing dimensioned to fit snugly over the slotted back and having at one end in-turned flanges straddling the slot and engaging the concavely recessed end of the back to hold that end of the casing against displacement, and a transverse retaining pin passing through the other end of the casing end of the back whereby the slotted back is reenforced against breakage and the slot is closed against admission of foreign matter.

2. A toilet article comprising a comb having a back member and projecting teeth, the back being provided with a longitudinal slot extending inwardly from its outer edge and having one slotted end concavely recessed, a hollow casing dimensioned to fit snugly over the slotted back

and having at one end in-turned retaining flanges adapted to interlock with the recessed end of the back to hold that end of the back in position, means for securing the other end of the casing and back firmly together, and a stop member located in said slot adjacent said securing means.

3. A toilet article comprising a comb having a back member and integral projecting teeth, the back member being provided with a longitudinal narrow slot extending inward from its back edge for the whole length of the back, one slotted end of the back being concavely curved on both sides of the slot, a reenforcing metallic casing of substantially U-shape cross section fitted snugly over the back and having one end provided with inwardly turned concave lips conforming to and seated against the concave faces of the corresponding open end of the comb back, said lips being spaced apart the width of the slot, and means for anchoring the other end of the casing firmly to the comb back whereby the slotted comb back is reenforced against breakage, and a narrow chamber provided for the reception of a file or like article.

HOWARD M. BALLOU.