Nov. 8, 1960 M. L. GREENBLATT 2,958,889

BRUSHES

Filed April 27, 1959

FIG. 1

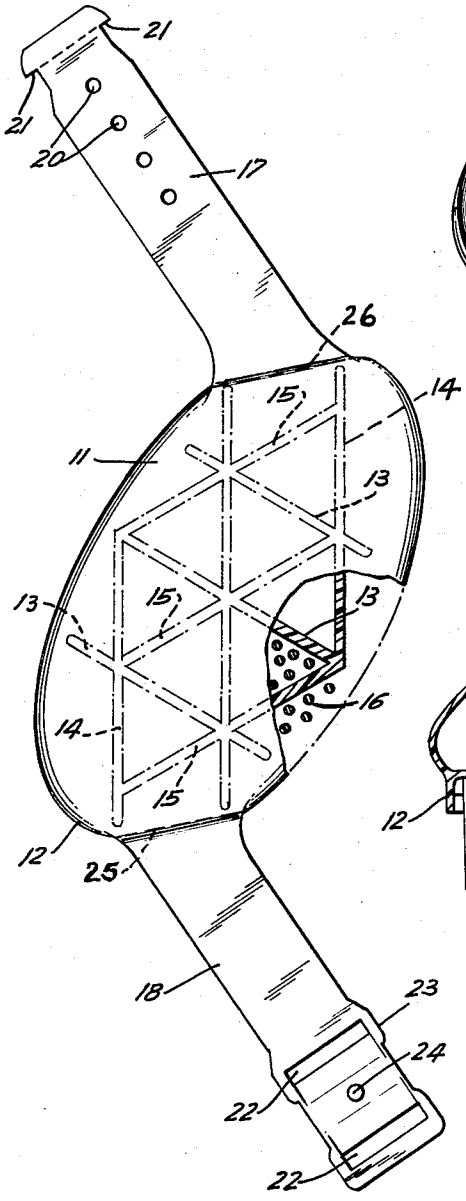


FIG. 2

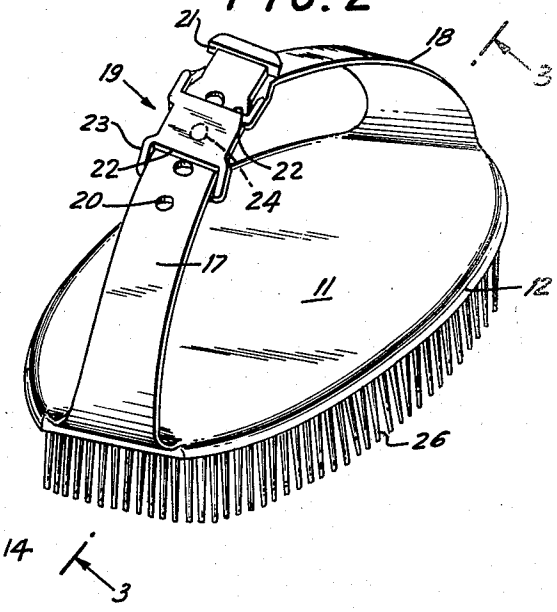
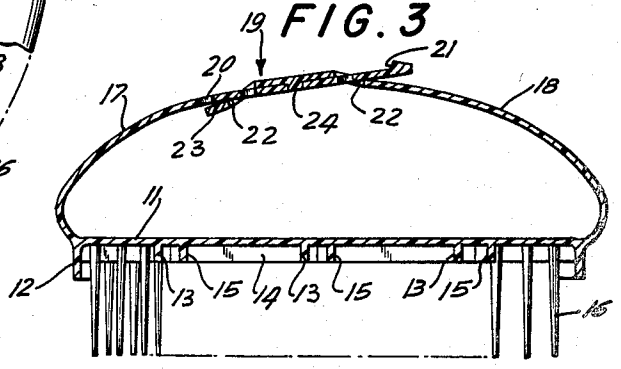


FIG. 3



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BRUSHES

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1 Claim. (Cl. 15—187)

This invention relates to brushes and has particular reference to clothes, hair and bath brushes and the like.

An object of the invention is to provide a brush which is so constructed that the same may be produced in quantities by a molding operation with all parts of the brushes of integral construction.

Another object of the invention is to provide a brush having a relatively thin back with a downturned edge portion extending peripherally thereabout and with strengthening ribs on the under side of the back whereby considerable pressure may be applied in the use of the brush without distorting the back thereof.

Still another object of the invention is to provide a brush with bristles which taper from the under side of the back of the brush to the outer ends thereof.

Still another object of the invention is to provide a brush with flexible strap means connected with the back at the opposite ends thereof which forms a sheath with the back of the brush for tightly securing the brush on a hand of the user.

Still another object of the invention is to provide flexible strap means of said character which is adjustable for varying the length thereof whereby the same may be adjusted to snugly fit the hand of the user.

With the foregoing and other objects in view, reference is now made to the following specification and accompanying drawings in which the preferred embodiment of the invention is illustrated.

In the drawings:

Fig. 1 is a top plan view of a brush constructed in accordance with the invention and showing the strap ends in open relation.

Fig. 2 is a perspective view thereof with the strap ends closed.

Fig. 3 is a longitudinal sectional view taken approximately on line 3—3 of Fig. 2.

Referring to the drawings, the brush is constructed for manufacturing in quantities by a molding operation with all parts thereof of unitary construction. The brush comprises a back **11** which is formed with a downturned rim **12** extending peripherally thereabout and with a plurality of ribs **13**, **14** and **15** on the under side thereof. The ribs **13** extend transversely of the back while the ribs **14** and **15** extend angularly with reference to the ribs **13** and are connected therewith to thereby strengthen the back whereby substantial pressure may be applied to the back in use thereof without distorting the back.

The brush is provided with bristles **16** formed integrally with the back and which are closely spaced throughout the area thereof within the downturned rim **12**. The bristles are of tapered formation, the inner end portions thereof adjacent the back being relatively stiff and increasing in flexibility toward the outer ends thereof.

In order to retain the brush on the hand of the user, particularly a bath brush which becomes wet and slippery when in use, the brush is provided with a strap member consisting of releasably connected flexible strap ends **17** and **18** which are connected with the back **11** at the opposite ends thereof and have interengageable means **19** connecting the strap ends together to thereby provide a loop extending over the back between which and the back the hand of the user may be received with the connected strap ends tightly fitting the hand for retaining the brush on the hand.

The interengageable means **19** is adjustable for varying the size of the loop so as to fit the hand of the user and for this purpose the strap end **17** is formed with a plurality of longitudinally spaced holes **20**. The opposite side edges of said strap end is cut away to provide shoulders **21** adjacent the free end thereof. The strap end **18** is formed with transversely extending parallel slots **22** in the widened end portion **23** thereof and with a lug **24** on the under side of said strap end between said slots for selective engagement of said lug in any one of said holes **20** when the strap ends are connected by receiving the strap end **17** through the slots **22** and under the lug **24**.

The back **11** is of general oval shaped formation in plan and the strap ends **17** and **18** are integrally connected with the back at the opposite ends thereof along parallel lines **25** and **26** which are located on opposite sides respectively of the longitudinal medial line through the back. The strap ends being connected with the back in this manner, the loop formed thereby extends across the back **11** in angular relation to the longitudinal medial line thereof and when the hand of the user grasps the back **11**, the loop extends transversely across the back of the hand adjacent the knuckles and with the forefinger and little finger disposed substantially parallel with the lines **25** and **26**. This positions the fingers whereby they may conveniently grasp the forward portion of the downturned rim **12**.

The brush is produced by molding operation from synthetic material such as polyethylene and while the preferred form of the invention is shown and described herein, it is to be understood that the same is not so limited but shall cover and include any and all modifications which fall within the purview of the invention.

What is claimed is:

In a hand brush, a back of general oval shaped formation in plan having a downturned rim formed integrally therewith and extending peripherally thereabout, bristles integrally connected with the under side of the back which are closely spaced throughout the area thereof within said downturned rim, said bristles tapering from the inner ends to the outer free ends thereof, oppositely disposed straps integrally connected with said back at the opposite ends thereof respectively along substantially straight parallel lines on opposite sides respectively of the longitudinal medial line through the back, interengageable means carried by said straps adjustably connecting said straps together to provide a loop extending over the top of said back in acute angular relation to the longitudinal medial line through the back and adapted for receiving a hand of the user between said loop and the back with the forefinger and the little finger in substantially parallel relation to said straight lines, and said interengageable means consisting of spaced slotted portions in one of said straps with a lug formed thereon between said slotted portions and with longitudinally spaced holes in the other strap for receiving said other strap through said slotted portions and with the lug selectively engaging in any one of said holes.

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