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G. H. MOSER
SPONGE RUBBER BRUSH
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2,637,871

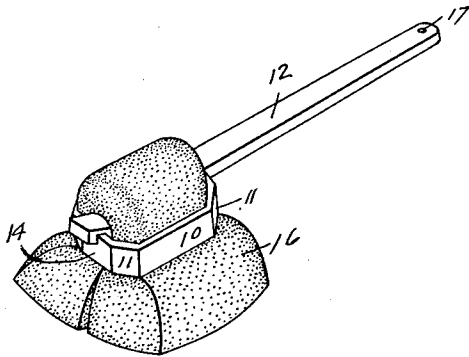


Fig. 1

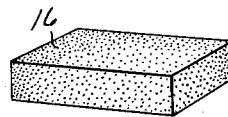


Fig. 5

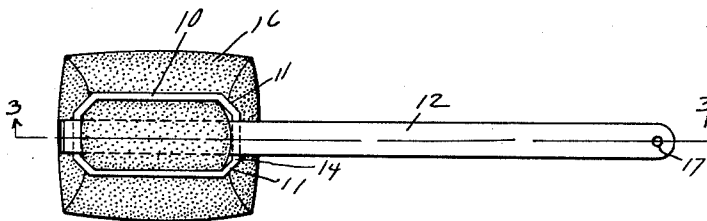


Fig. 2

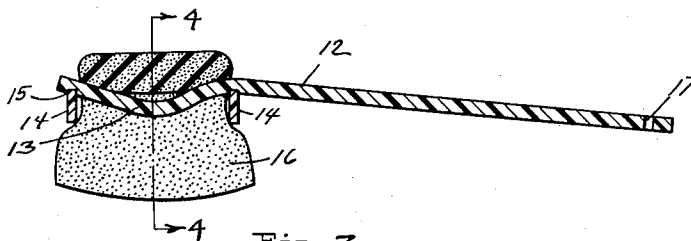


Fig. 3

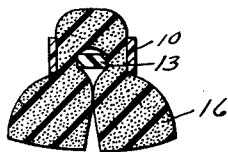


Fig. 4

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SPONGE RUBBER BRUSH

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2 Claims. (Cl. 15—244)

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This invention relates generally to brushes and particularly to a rubber brush and mounting therefor.

The main object of this invention is to provide a form of brush in which ordinary sponge rubber in block or slab form may be advantageously employed as a brushing element and in which the brushing element and holder are easily separable for cleansing and renewing purposes.

The second object is to so construct the brush that it will be very rugged and that the resilience of the rubber is employed to latch the parts in their proper relationship.

I accomplish these and other objects in a manner set forth in the following specification as illustrated in the accompanying drawings, in which

Fig. 1 is a perspective view of the brush.

Fig. 2 is a plan view of the brush.

Fig. 3 is a longitudinal section taken along the line 3—3 in Fig. 2 but showing a modification comprising an additional notch.

Fig. 4 is a transverse section taken along the line 4—4 in Fig. 3.

Fig. 5 is a perspective view of the sponge rubber brush element.

Like numbers of reference refer to the same or similar parts throughout the several views.

Referring in detail to the drawing, there is shown a somewhat rectangular band 10 whose corners 11 are preferably angled as shown.

The handle 12 has a bent end 13 which lies between the shorter ends 14. The handle 12 is provided with a transverse groove 15 which engages an end 14 of the band 10.

The brush element is a piece of sponge rubber 16 as shown in Fig. 5. This is doubled and pushed through the band 10 and the bent handle end 13 is then inserted as shown in Fig. 3 until the end 14 engages the notch 15. The tension on the rubber insert in certain directions and its compression in other directions causes it to assume the form shown in Fig. 4 which is desirable for a brush both along the front and back thereof.

It will be noted that the tendency of the rubber is to urge the handle 12 against the band ends 14, thereby effectively securing the brush element 16 to the handle 12.

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It is desirable to provide a hole 17 in the end of the handle 12 for convenience in hanging the brush when not in use.

In forming the sponge rubber pad, material should be selected whose width is approximately equal to the length of the band 10; that is, the distance between the inner sides of the ends 14 and the thickness of the pad 16 should be sufficient to completely fill the space between the sides of the band 10 and be held in compression thereby, whereas the ends of the pad 16 bulge outwardly in lateral and longitudinal directions.

I claim:

1. A brush comprising a substantially rectangular band, a flat handle having one bent end provided with a notch engaging one short end of said band, a sponge rubber insert less in width than the length of said band, said flat handle bridging the two short ends of said band with its bend between the longer band sides, the middle of said rubber insert extending around the bent portion of said handle, the ends of said rubber insert projecting from said band.

2. A brush comprised of a substantially rectangular band of flat material, a flat handle having a curved end bridging the shorter ends of the band and having a notch formed in said handle engaging one shorter end of said band, an insert of sponge rubber rectangular in form and formed in a U-shape with the closed end portion of the U extending through said band and around said curved handle end, said handle extending between the middle of the insert and the ends of the band, said band holding said insert in compression around said handle and permitting its ends to expand beyond its original size.

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