April 18, 1961 G. M. BEATTY 2,979,748

SOAP BAR WITH SCRUBBING BRISTLES

Filed June 22, 1959

Fig. 1

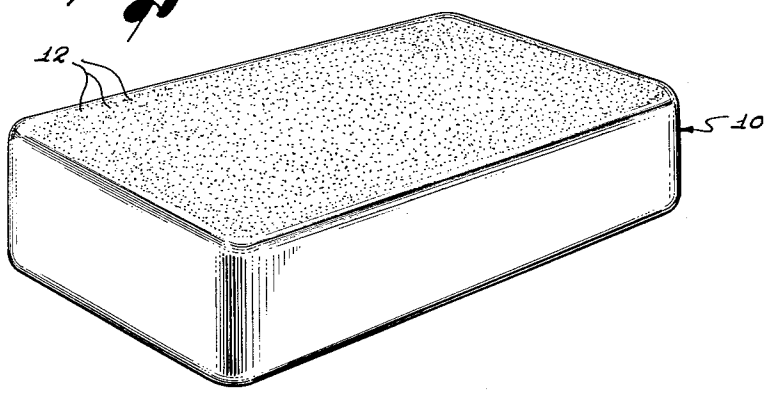


Fig. 2

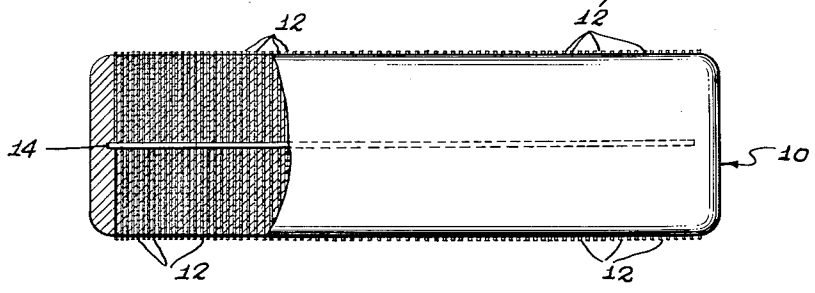


Fig. 3

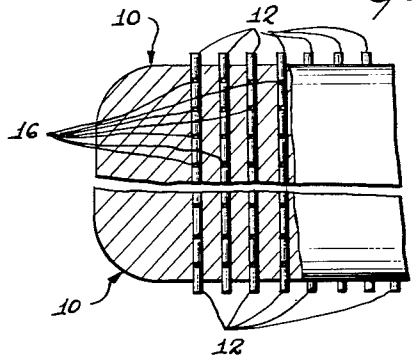
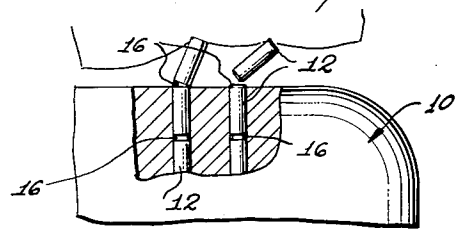


Fig. 4



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SOAP BAR WITH SCRUBBING BRISTLES

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1 Claim. (Cl. 15—605)

This invention deals generally with cleansing agents, and particularly with an improved bar of soap with scrubbing bristles.

It is well known in the art to incorporate bristles in a bar of soap for enhancing its cleansing ability. The prior soap bars of this type are deficient, however, in that as the soap is used up, the exposed ends of the bristles become longer and lose their stiffness. This, of course, reduces the effectiveness of the bristles.

A general object of the present invention is to provide a soap bar of the character described in which the bristles embedded in the bar are creased or otherwise weakened at short intervals, so that as the soap is used up, the bristles break off to continuously provide stiff bristle ends at the surface of the soap bar.

The invention will be best understood from the following detailed description thereof taken in connection with the annexed drawings, wherein:

Fig. 1 is a perspective view of the soap bar of the invention;

Fig. 2 is a side elevation of the soap bar, partially broken away, to show the embedded bristles;

Fig. 3 is an enlarged section of the bar showing the way in which the bristles are weakened at intervals; and

Fig. 4 illustrates the way in which the exposed bristle ends break off as the soap is used up.

In these drawings, the numeral 10 denotes a soap bar which may have any desired configuration. Embedded in this bar are a multitude of bristles 12 which extend from a backing strip 14. These bristles may comprise nylon or other suitable bristle material. The bristles are relatively uniformly spaced throughout the bar with their ends exposed at the surfaces of the bar. The bristles may be arranged in various ways so as to have their ends exposed at only one, at several, or at all the surfaces of the soap bar. Preferably, the bristles extend in generally parallel relationship, as shown.

In the enlarged detail of Fig. 3, it will be observed that each bristle is creased or otherwise weakened at short intervals, as indicated at 16. The purpose of these weak points or creases in the bristles is to cause the exposed bristle ends to break off as the soap of the bar is used up in the manner illustrated in Fig. 4. As a result, there are stiff bristle ends presented at the surfaces of the soap bar at all times. The effectiveness of the bristles, therefore, is not lessened as the soap wears away.

While a preferred form of the invention has been described and illustrated, various modifications are possible within the scope of the following claim.

I claim:

A cleansing agent comprising a bar of soap, bristles embedded in the soap having ends exposed at the surface of the bar, said bristles being creased at intervals so as to break off as the soap wears away whereby to maintain stiff, exposed bristle ends at the bar surface.

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