A. C. BASS.

BRUSH.

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1,250,767.

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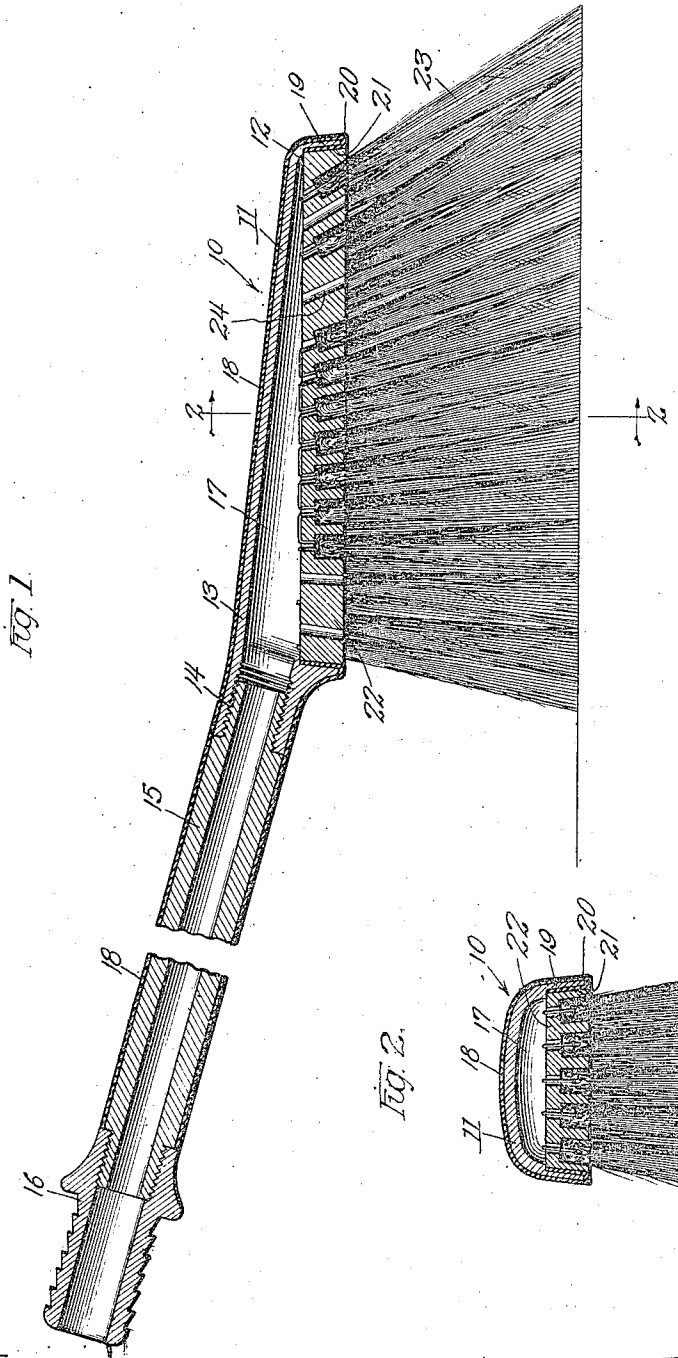


Fig. 1.

Fig. 2.

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BRUSH.

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To all whom it may concern:

Be it known that I, AUGUSTUS C. BASS, a citizen of the United States, residing at Laporte, in the county of Laporte and State of Indiana, have invented certain new and useful Improvements in Brushes, of which the following is a specification.

This invention relates to improvements in brushes and more particularly to a fountain brush.

One of the objects of my invention is to provide a fountain brush especially constructed for washing automobile parts, such as wheels, axles, brake bands, etc., which are difficult to reach with a sponge.

Another object of the invention is to provide a metal body brush incased in rubber for the protection of the varnished surfaces of the car.

A further object is to provide a rubber gasket formed as a continuation of the rubber cover and extending inside the opening into which the bristle carrying block is inserted.

Still other and further objects will become readily apparent to those skilled in the art from a consideration of the following description and drawing, wherein

Figure 1 is a longitudinal vertical sectional view through my improved fountain brush, and:

Fig. 2 is a transverse vertical sectional view on the line 2—2 of Fig. 1.

My improved brush comprises in general a hollow metal back member open at its lower face to receive a bristle carrying block, and at one end, the depth of the back member is increased to merge into a projecting stem for connection with a hollow conduit or handle through which the water is led to the interior of the back. The bristle carrying block is perforated so that the water flowing into the back member of the brush finds egress through the interstices between the bristles. In order to protect the varnished surfaces around which the brush may be used, I have provided a molded rubber cover for the exterior of the back member extending over the edges of the opening in the back member and upwardly to the interior thereof to form an interior rubber band or strip against which the edges of the bristle carrying block contacts. This continuation of the back member provides a gasket surrounding the bristle carrying block and makes a tight water-proof joint. This arrangement permits the ready assembling of the parts, a small amount of cement being applied to the rubber inside the edges of the opening for engagement with the edge of the bristle carrying block. This cement may be only sufficient to temporarily hold the block in place until it becomes wet, when the wood of which I preferably make the block will expand and make a tight joint with the edges of the opening.

Referring now more particularly to the particular embodiment of the invention which I have chosen to illustrate for the purpose of making a complete disclosure of my invention, the numeral 10 indicates in general the back member of the brush which consists of a thin metal casing 11 of generally oval plan outline, increasing in depth from its projecting end 12 to its opposite end 13, where it merges into a projecting internally threaded nipple 14, into which screws the hollow tubular handle 15. A hose coupling 16 screws over the outer end of the handle 15 and water may be thus fed through the handle into the chamber 17 inside the back member of the brush.

Over the exterior surface of the back member 10, as well as the handle 15, I have molded an integral rubber cover 18. This rubber cover 18 extends around the downturned edges 19 at the opening in the back member, as at 20, and then projects upwardly inside the hollow back member forming a rubber band or gasket 21, for engagement with the periphery of the wooden block 22, into which the bristles 23 are set. A plurality of openings 24 are provided in the block 23, opening to the interstices between the bristles and thus permitting the water fed into the hollow back member to flow through the bristles to the surface to be washed.

Whereas I have illustrated and described but a single embodiment of my invention, it will be evident to those skilled in this art that various changes or modifications may be made therein without departing from the spirit of the invention or the scope of the appended claims.

Having described my invention, what I claim is:—

1. A brush comprising a hollow back member having an opening therein, a rubber covering for the sides of the back member, said rubber extending over the edges of the opening to the interior thereof, and a

perforated bristle carrying block positioned in the opening with its edges contacting with the rubber.

2. A brush comprising a hollow back member having an opening therein, a conduit connected with the back member, a rubber strip extending around the inner edge of the walls surrounding the opening and projecting over the edge of the opening and upon the outer surface of the back member, and a perforated bristle carrying block shaped to fit within the opening.

3. A brush comprising a hollow metal back member with an opening therein, a rubber covering incasing the outer surface of the member and extending over the edge and covering the inner surface of the wall around the opening, and a perforated bristle carrying wooden block positioned within the opening with its edges in tight contact with the rubber covering inside the opening.

4. A brush comprising a hollow metal back member having an opening therein, a conduit opening into the member, a molded rubber covering incasing the outer surface of the member and conduit and extending over the edge of the opening to the interior of the back along the inner surface adjacent the edge, and a perforated bristle carrying block positioned within the opening and making tight contact with the rubber.

In testimony whereof I hereunto set my hand.

AUGUSTUS C. BASS.