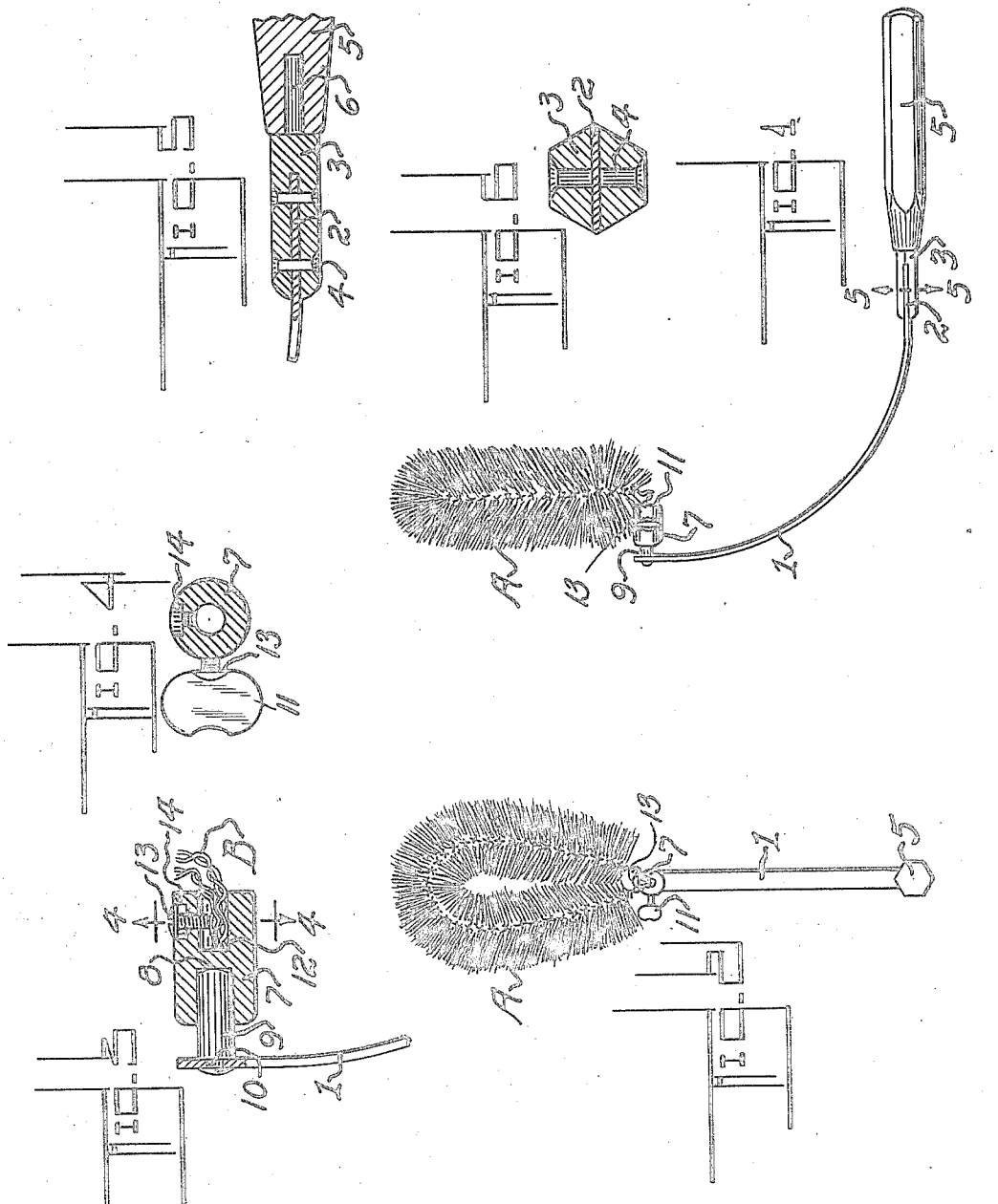
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RESILIENT MEANS FOR BATH BRUSHES

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RESILIENT MEANS FOR BATH BRUSHES

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Our invention relates to bath equipment and has for its major object the provision of a certain means whereby a bath brush may be rendered flexible, and so that the brush may be conveniently used by the hand of the operator in a manner so that as the brush is used, which is particularly adapted for bathing the back of the person in the act of taking a bath, it will have a gentle spring tension.

One of the important objects of the invention resides in the provision of a bath brush that is so constructed as to enable the user to conveniently scrub his back while holding the handle portion of the brush in front of his body.

Other advantages will appear throughout the detailed description, by illustrations in the drawing, and more specifically pointed out in the appended claims.

With reference to the drawing:

Figure 1 is a side elevation of the complete invention, and Figure 2 is an end elevation of the same.

Figure 3 is a longitudinal section of the brush attaching means, and taken in the center thereof.

Figure 4 is a transverse section taken upon line 4—4 of Figure 3, of the brush attaching body only.

Figure 5 is a longitudinal section assembly of the handle attaching means, and taken through the center thereof.

Figure 6 is a transverse section through the handle attaching means.

Referring more particularly to the drawing the invention comprises principally curved member 1 preferably of the formation as indicated in Figure 1, and it is observed that one end portion of said member is inclined to be straight as at 2 and is adapted to be permanently secured to the elongated member 3 by rivets 4 as indicated, and it is understood that an elongated slot is provided within said member so as to accommodate end portion 2 in the manner as described.

It is also observed that member 3 is secured to handle 5 by means of elongated shank 6 which is adapted to engage said handle as clearly shown in Figure 5, and to remain permanently fixed therewith.

The outstanding feature of the invention is the means for detachably engaging bath brush A with member 1, and this is accomplished by providing a socket member 7, which has an axially arranged counterbore 8 adapted to detachably receive one end of stud 9, and the opposite end of said stud having reduced shank 10 passing through an aperture provided for same within member 1 and riveted thereto as clearly indicated in Figure 3. Stud 9 is firmly locked within member 7 by means of thumb screw 11. Said screw being adapted to threadedly engage said member for this purpose.

Socket member 7 is also provided with an additional counterbore 12, and similar to counterbore 8 is longitudinally arranged with respect to said socket. The latter counterbore is for purpose of accommodating the ends of plaited wire B of brush A, said wire being locked within counterbore 12 by means of set screw 13, and transversely arranged counterbore 14 being provided where shown within member 7 so as to accommodate adequate motion for said screw with respect to said wire.

As previously stated, an additional outstanding feature of the device is the fact that member 1 is composed of spring steel of adequate flexibility, which produces thereby a decidedly soothing effect upon the back of the operator thereof instead of the inconvenient and harsh bath brush of the types where the brush is rigidly fixed with a solid handle for this purpose.

While we have hereinabove set forth a single embodiment of our invention, however we do not desire to be held to that precise form in the event that further development of the device may necessitate certain minor changes in the details of construction, but in any eventuality a departure from the general principle would be consistently avoided.

Having thus described our invention, what we claim as new is:

1. In a bath brush assembly, a resilient strip normally arcuate along its length and being substantially a quadrant in curvature, a handle secured at one end of the resilient strip, and a brush head detachably secured at the other end of the resilient strip, whereby the user may conveniently scrub his back while holding the handle in front of his body.

2. In a bath brush assembly, a brush head including a working face and a supporting frame, said frame having a shank portion disposed substantially perpendicular to the working face of the brush head, an elongated member having an axial socket to receive the shank portion, and a handle member attached to the elongated member.

3. In a bath brush assembly, a brush head including a working face and a supporting frame, said frame having a shank portion disposed sub-

stantially perpendicular to the working face of the brush head, an elongated member having an axial socket in each end, means for detachably securing the shank portion in one of the sockets, a resilient strip normally arcuate along its length and being substantially a quadrant in curvature, a pin member arranged transversely on one end of the resilient strip and detachably secured in the other socket of the elongated member, and a handle attached to the other end of the resilient strip.

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