No. 846,346.

PATENTED MAR. 5, 1907.

J. RICH.

SCRUBBING BRUSH.

APPLICATION FILED OCT. 18, 1906.

Fig. 1.

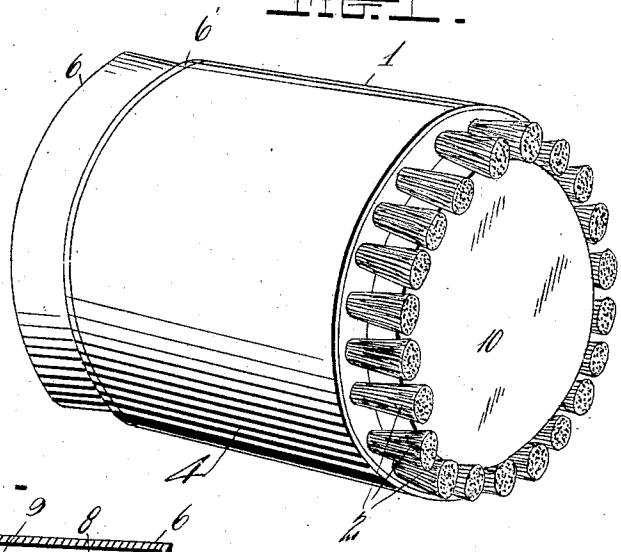


Fig. 2.

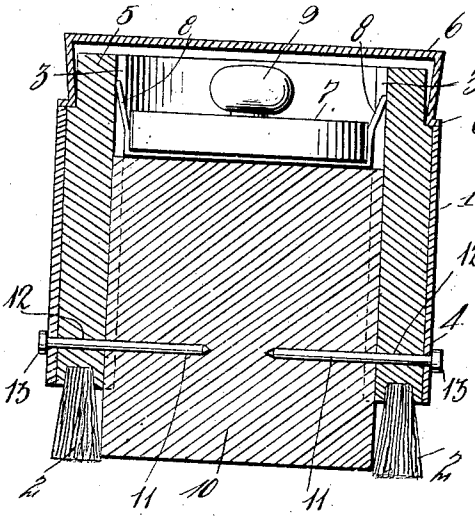


Fig. 4.

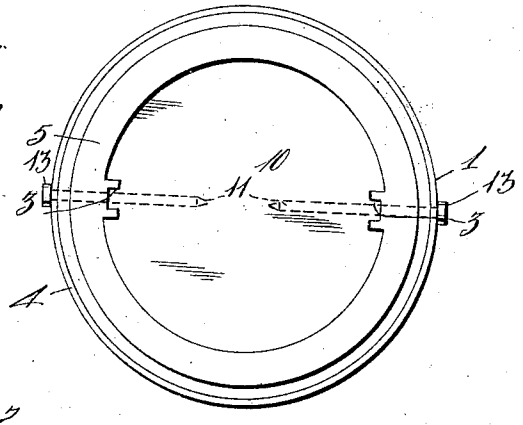
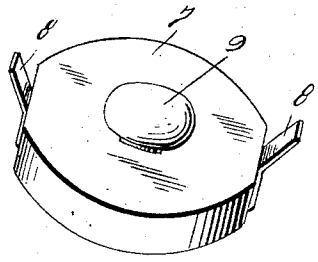


Fig. 3.



Witnesses
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JEROME RICH, OF JACKSON, MICHIGAN.

SCRUBBING-BRUSH.

No. 846,346. Specification of Letters Patent. Patented March 5, 1907.

Application filed October 18, 1906. Serial No. 339,510.

To all whom it may concern:

Be it known that I, JEROME RICH, a citizen of the United States, residing at Jackson, in the county of Jackson and State of Michigan, have invented certain new and useful Improvements in Scrubbing-Brushes; and I do declare the following to be a full, clear, and exact description of the invention, such as will enable others skilled in the art to which it appertains to make and use the same.

This invention relates to combined scrubbing-brushes and soap-holders.

The object of the invention is to provide a scrubbing-brush in which the soap is arranged adjacent to the bristles thereof and provided with simple means for holding it in adjusted position to prevent its being pushed up by pressure applied to the bottom of the brush.

In the accompanying drawings, in which like reference characters are used to represent the corresponding parts, Figure 1 represents a perspective view of the brush lying on one side with its bottom toward the front. Fig. 2 represents a vertical section thereof. Fig. 3 represents a perspective view of the soap-follower detached; and Fig. 4 represents a top plan view of the brush with its top and follower removed.

Referring more particularly to the drawings, a hollow vessel or holder 1, preferably made of wood in cylindrical form, is provided on its lower end with bristles 2 of any suitable character, according to the purpose for which the brush is to be used. This holder is provided on its inner face with oppositely-disposed vertically-arranged guides, preferably in the form of grooves 3, in which the spring-fingers of the follower hereinafter described are adapted to slide. When made of wood, this holder is preferably provided with an outer covering 4, of tin or other suitable material, to prevent its swelling and breaking when wet. The upper end of this holder on its outer face is preferably reduced to form a shoulder 5, over which reduced end a top 6 fits, abutting on its edge against said shoulder 5 and tightly closing the holder against the entrance of water at this end, which if allowed to enter would melt the soap and waste it unnecessarily. The edge of this top 6 may be provided with a flange 6′, if desired. The holder 1 is provided with means for preventing the soap from dropping out of the open end thereof. These means, as shown, are in the form of pins, as 11, extending loosely through apertures, as 12, in opposite sides of the holder and extending into the soap to hold it against dropping out in case of shrinking. These pins have heads 13 to enable them to be readily inserted and withdrawn. The follower, preferably in the form of a disk 7, is adapted to slide in said hollow holder 1 and is provided with spring-fingers 8 at its opposite sides, which are adapted to slide in the guides 3 of the holder. These fingers are bent outwardly or flared at their free ends to engage the guides 3 and hold the follower against backward movement when pressure is applied to its lower face. This follower has a handle or knob 9 for operating it.

In the use of this device the top 6 and the follower 7 are first removed from the holder 1 and the piece of soap, as 10, is inserted until its lower face lies just above the lower ends of the bristles. The follower is then slid into the holder with its spring-fingers 8 moving in the guides 3 until it reaches the soap. The flared free ends of the fingers 8 then engage the grooves and hold the follower against upward movement. The top 6 is then replaced and the brush is ready for use. As the soap is consumed the pins 11 are withdrawn and the follower is pushed down to keep it in place, and finally when a new piece of soap is needed the follower is pushed out through the lower end and the above operation is repeated.

It is to be understood that the term "scrubbing-brush" is designed to cover toilet-brushes for the body and hands, floor-brushes, and all other similar brushes in which it is desirable to use soap in connection therewith.

Having thus described my invention, what I claim as new, and desire to secure by Letters Patent, is—

1. A combined scrubbing-brush and soap-holder comprising a hollow tubular member having bristles arranged on its lower end and adapted to receive a cake of soap, a guide formed on the inner wall of said member, and a follower adapted to move in said hollow member and provided with means for engaging said guide.

2. A combined scrubbing-brush and soap-holder comprising a hollow tubular member having bristles arranged on its lower end and adapted to receive a cake of soap, guides formed on the inner walls of said member, and a follower adapted to move in said hollow

member and provided with spring-arms adapted to slide in said guides.

3. A combined scrubbing-brush and soap-holder comprising a hollow tubular member having bristles arranged on its lower end and adapted to receive a cake of soap, a guide formed on the inner wall of said member, and a follower adapted to move in said hollow member and provided with means for engaging said guide, and a top to close the upper end of said hollow member above said follower.

4. A scrubbing-brush comprising a hollow casing open at both ends and having bristles arranged on its lower end and adapted to receive a cake of soap, and laterally-extending removable pins projecting through said casing to penetrate the soap and hold it in position.

In testimony whereof I have hereunto set my hand in presence of two subscribing witnesses.

JEROME his × mark RICH.

Witnesses:
J. T. HAMMOND,
JAMES HUDSON.