

H. E. ADAMS.
 SOAP HOLDING ATTACHMENT FOR SCRUB BRUSHES.
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1,338,665.

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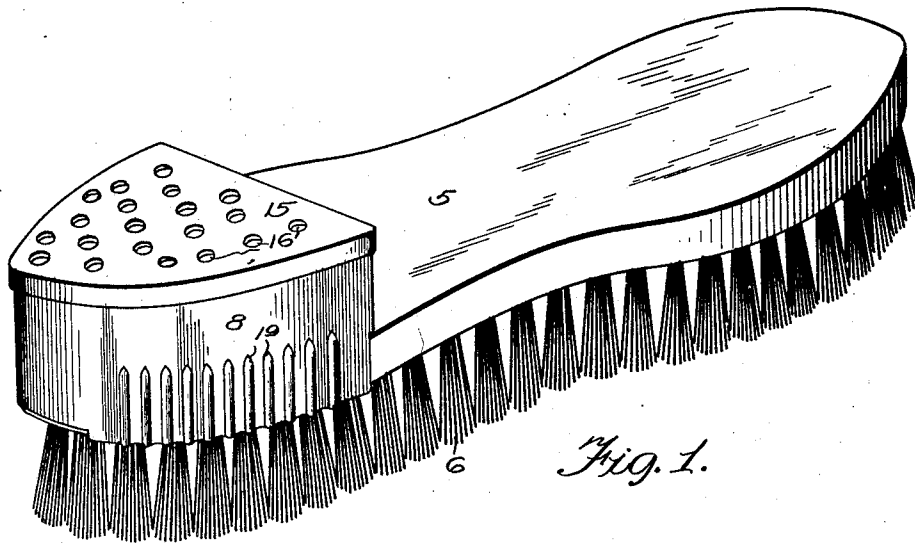


Fig. 1.

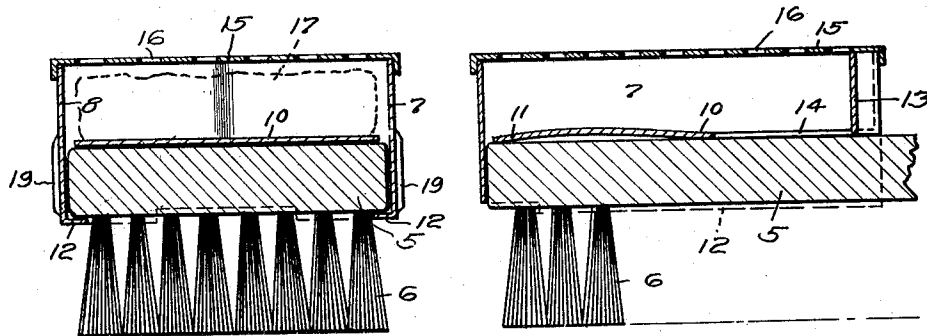


Fig. 2.

Fig. 4.

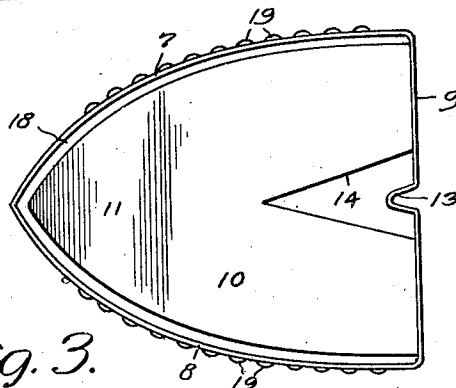


Fig. 3.

Witnesses

J. H. [Signature]

Inventor

Harry E. Adams,

By *Shepherd & Coupland*

Attorney

UNITED STATES PATENT OFFICE.

HARRY E. ADAMS, OF BELLE VERNON, PENNSYLVANIA.

SOAP-HOLDING ATTACHMENT FOR SCRUB-BRUSHES.

1,338,665.

Specification of Letters Patent.

Patented May 4, 1920.

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To all whom it may concern:

Be it known that I, HARRY E. ADAMS, a citizen of the United States, residing at Belle Vernon, in the county of Westmoreland and State of Pennsylvania, have invented certain new and useful Improvements in Soap-Holding Attachments for Scrub-Brushes, of which the following is a specification.

This invention relates to soap holding attachments for scrub brushes and it has for its object the provision of a simple and inexpensive structure of such nature that it may be slipped upon scrub brushes of the usual and well known construction and when in position will serve to retain a piece or a number of pieces of soap. The device is so constructed that when the scrub brush is dipped into a pail of water some of the water may enter the receptacle and will thereafter feed from the receptacle as soapy water down to and upon the surface being scrubbed.

It is a further object of the invention to provide a structure of the character above indicated so constructed as to fit brushes of different sizes and provided with means for engaging the back of the brush, of such nature that the mere act of slipping the structure into position upon the back of the brush secures the same in place. No skill is required to apply the attachment and thus it is adapted to be manufactured and sold as an article of manufacture separate from the scrub brushes.

The attachment is an article of great utility because it obviates the necessity of rubbing soap upon a scrub brush and also renders it possible to use the small pieces of soap that would otherwise be wasted.

In the accompanying drawing—

Figure 1 is a perspective view of a scrub brush having the attachment applied thereto;

Fig. 2 is a transverse vertical section through the brush and attachment;

Fig. 3 is a plan view of the attachment with the cover thereof removed; and

Fig. 4 is a longitudinal sectional view of the attachment.

Like numerals designate corresponding parts throughout the several figures of the drawing.

Referring to the drawing 5 designates the back and 6 the bristles of an ordinary scrub brush. My improved soap holding attach-

ment consists of a receptacle which is preferably made of galvanized or other rust proof metal and comprises the side walls 7 and 8 which are shaped to conform to the nose of the back of the brush. These side walls are united by a transverse rear wall 9 which lies above the back 5 and is continued to form a spring tongue 10 that is provided with a downwardly directed terminal end 11. The side walls 7 and 8 project downwardly beyond the tongue 10 and are provided at their lower edges with in-turned flanges 12. In applying the receptacle the forward end or nose of the back of the brush is thrust into the space between tongue 10 and flanges 12, the flanges 12 engaging the edges of the back of the brush and the tongue 10 resiliently bearing upon the upper face of the back of the brush. To permit of a limited yielding of the side walls 7 and 8 with respect to each other so that the structure may be used upon brushes of varying sizes the transverse rear wall 9 is indented to form the V shaped portion 13 and the tongue 10 is cut out as indicated at 14. The receptacle is provided with a cover 15 having a number of openings 16 formed therein and when the brush is dipped into a pail of water the receptacle fills through these openings and some of the soap indicated at 17 is dissolved by the churning action imparted to the water by the back and forth movement of the brush, in use, and the soap and water pass, as soapy water through the openings 18 between the edges of the tongue 10 and the side walls and the edges of the back of the brush to, and upon the bristles of the brush.

While it is not essential I may, if desired corrugate the side walls as indicated at 19 in Fig. 4 both for the purpose of adding strength and for providing vertical channels through which the soapy water may find its way past the edge of the back 5.

It is to be understood that the invention is not limited to the precise construction set forth but that it includes within its purview whatever changes fairly come within either the terms or the spirit of the appended claims.

Having described my invention, what I claim is—

1. A device of the character described consisting of a receptacle comprising side walls having inturned flanges at their lower

edges, means carried by the receptacle to engage the upper face of the back of a scrub brush, the side walls extending downwardly beyond the last named means leaving the structure open at the back to adapt it to be slipped upon the nose of a scrub brush, the back of the brush being received between said means and said flanges, said receptacle comprising a removable cover, and having means for permitting the entry of water to the receptacle when the structure is dipped into a pail of water, and means being provided for permitting the flow of water from the receptacle past the edges of the scrub brush onto the bristles of the same.

2. A receptacle of the character described comprising side walls having in-turned flanges at their lower edges, a perforated

cover therefor and a transverse rear wall which lies above said flanges a sufficient distance to permit the insertion of the back of a scrub brush between the rear wall and the flanges.

3. A structure as recited in claim 2 in combination with a spring tongue carried by one of said walls and bearing yieldingly upon the upper face of the back of a brush when in position.

4. A structure as recited in claim 2 in combination with a forwardly projecting spring tongue extending from the lower edge of the rear wall and lying in spaced relation to the side wall.

In testimony whereof I affix my signature.

HARRY E. ADAMS.