(No Model.)

A. E. ROBINSON.

SCRUBBER.

No. 358,625. Patented Mar. 1, 1887.

Fig. 1.

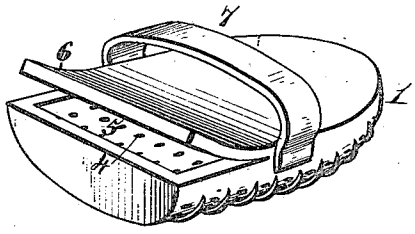


Fig. 2.

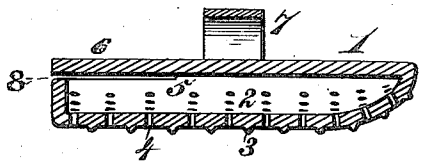
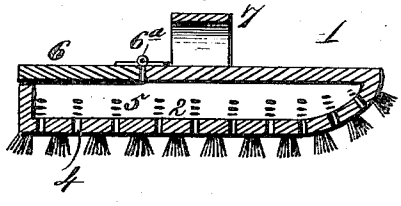


Fig. 3.



Witnesses,
Robert Everett.
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UNITED STATES PATENT OFFICE.

ARTHUR E. ROBINSON, OF ST. PAUL, MINNESOTA.

SCRUBBER.

SPECIFICATION forming part of Letters Patent No. 358,625, dated March 1, 1887.

Application filed May 11, 1886. Serial No. 201,876. (No model.)

To all whom it may concern:

Be it known that I, ARTHUR E. ROBINSON, a citizen of the United States, residing at St. Paul, in the county of Ramsey and State of Minnesota, have invented new and useful Improvements in Scrubbers, of which the following is a specification.

My invention relates to certain novel and useful improvements in scrubbers or devices for cleansing floor and other surfaces by water and soap, and the especial purpose thereof is to provide a simple device by which the soap may be contained, applied in substantially equal quantities to the surfaces cleansed, and consumed with the greatest degree of economy.

The invention consists in the several novel features of construction and combinations of parts hereinafter fully set forth, and definitely pointed out in the claim annexed to this specification.

Referring to the drawings forming part of this application, Figure 1 is a perspective view illustrating my invention. Fig. 2 is a vertical longitudinal section of Fig. 1. Fig. 3 is a view showing a modification.

In the drawings, the reference-numeral 1 designates the scrubber, which, as illustrated, is formed of rubber vulcanized sufficiently to possess the required degree of flexibility or elasticity. I may, however, employ any other suitable material, such as wood or other substance, as shown in Fig. 3, and fully described hereinafter.

In Figs. 1 and 2 the body of the scrubber is made of a plate of rubber, 2, having at intervals transverse ribs of rubber 3, and provided at those parts between said ribs with series of perforations 4, running parallel with said ribs and penetrating into an interior chamber or space, 5, within the scrubber.

The top of the implement consists of a flat plate, 6, which, in conjunction with the body portion 2, incloses the chamber 5, and to said plate is attached a handle, 7, by which the scrubber may be grasped and used. The rear portion of the plate 6 is detached from the body part 2 by a cut, 8, as shown in Fig. 2, leaving that portion free to rise upward, as in Fig. 1. The purpose of this construction is to enable the operator to insert soap within the chamber 5, whereupon, by dipping the scrubber in water and applying it to the surface to be cleansed the dissolved soap will flow out through the perforations 4.

I may form the body of the scrubber of wood or other material, as in Fig. 3, and instead of the ribs 3 bristles may be used, the perforations 4 being formed between the transverse lines of bristles. In this construction the rear part of the plate, which is shown at 6^a, Fig. 3, will be hinged to the plate 6.

By this invention the soap is easily and equally applied to the surface operated upon, and the consumption thereof is greatly economized. When the scrubber is not in use, it is placed where the water may readily escape, and the soap is left in the chamber 5, and is thereby not only prevented from wasting, but is provided with a convenient place of storage where it is at all times ready for immediate use.

I propose to so construct the scrubber that a pole-handle may be applied instead of the handle 7, whereby the scrubber may be used upon windows or other elevated or inaccessible points, or as a mop.

I may, if desired, insert a sponge in the chamber 5, or any other absorbent material.

Having thus described my invention, what I claim is—

As a new article of manufacture, a soap-holder and scrubber consisting of the body 1, having the soap-chamber 5, the perforated rubber plate 2, and the top plate, 6, located at one end of the body, and detached from the sides and end thereof, to permit said plate to swing outward for the insertion of the soap, substantially as described.

In testimony whereof I affix my signature in presence of two witnesses.

ARTHUR E. ROBINSON.

Witnesses:

J. A. RUTHERFORD,

GEO. W. REA.