

UNITED STATES PATENT OFFICE.

WILLIAM POSTLEY BRUSH, OF JERSEY CITY, NEW JERSEY.

WASHBOARD.

SPECIFICATION forming part of Letters Patent No. 682,166, dated September 10, 1901.

Application filed September 17, 1900. Serial No. 30,209. (No model.)

To all whom it may concern:

Be it known that I, WILLIAM POSTLEY BRUSH, a citizen of the United States, and a resident of Jersey City, county of Hudson, and State of New Jersey, have invented certain new and useful Improvements in Washboards, of which the following is a specification, reference being had to the accompanying drawings, forming a part thereof, in which similar letters of reference indicate corresponding parts.

This invention relates to improvements in washboards.

The nature and object of the invention will be fully understood from the following general description and the accompanying drawings and will be subsequently pointed out in the claims.

Figure 1 is a front view of a washboard with my invention attached. Fig. 2 is a sectional view of the same, taken on the line xx of Fig. 1. Fig. 3 is a view of my invention applied to a washboard of another form. Fig. 4 is a sectional view of the same, taken on the line yy of Fig. 3.

In Figs. 1 and 2 of the drawings, A and A designate the side posts of a washboard, B the back board thereof, and C the usual corrugated metallic front plate. On the upper end of each of the posts A A and above the corrugated plate C is formed a triangular extension, (designated by O,) with an acute angle of the triangle downward. In the inner sides, near the outer edges of these extensions, are cut grooves v . Into these grooves is slipped a sheet of resilient sheet metal (designated by E) large enough to form one side of a triangular chamber, bounded at the ends by the extensions O, on one side by the back board B, and on the other side by the said sheet of resilient sheet metal. The top of this chamber may be closed with a lid n , which may be attached in any common and well-known way, so that it can be readily opened and closed. The said sheet of resilient metal E is perforated with a plurality of holes, (designated by e .) Within the chamber aforesaid and around these perforations are formed flanges e' . Between the bottom of the resilient plate E and the top of the corrugated plate C there is a narrow open space (designated by r) extending through the whole length of the plates.

Otherwise than herein described the washboard is to be of the common and well-known form; but many washboards are now on the market which have already been manufactured without the extensions O. In order to adapt my invention so as it can be used with these, I form a triangular metallic chamber E' O' I, as illustrated in Figs. 3 and 4. This has the perforated resilient sheet of metal E' for its front, sheet metallic ends and back O' and I, and is attached to the board above the corrugated sheet-metal front by the bolt and nut i i' . The resilient sheet-metal front is perforated with the holes e^2 , which are on their inner sides surrounded by the flanges e^3 , and the back I and the resilient front E' are arranged with the open space r' between their lower edges. This chamber is closed with a lid n' , which may be fastened in any common and well-known way, so that it may be easily opened and shut.

All the various parts of the device are to be substantially as herein illustrated and described.

To use my invention a piece of soap, as g , is placed in the triangular chamber. The washboard is then used for washing clothes and like articles in the common and well-known way, except that the operator draws the clothes in rubbing them well up and on the perforated plate E. Thus the water brought up out of the tub by the clothes will run through the perforations e onto the soap g , and as the plate E bends under the pressure of rubbing the flanges e' will impinge on the soap and aid the water to dissolve a part of it. This soap and water running down through the opening r will cover the whole surface of the corrugated plate C with the dissolved soap, and so the clothes will be automatically supplied with a sufficient amount of soap to wash them clean. Both examples of my invention as herein set forth are used for washing in the same way. Otherwise than as hereinbefore set forth the whole device is to be used in the common and well-known way.

What I claim as my invention, and desire to secure by Letters Patent, is—

1. The combination with the back board and side posts of a washboard; of a plate of resilient sheet metal, perforated as specified;

flanges formed on the inner side of said plate, around said perforations; said plate arranged to form the front of a triangular chamber, in front of the said back board, above the corrugations of said washboard; and said chamber arranged with one angle downward, and with a narrow opening extending nearly across said washboard, between the lower edge of said resilient plate and the back of
10 said chamber; all substantially as and for the purpose set forth.

2. The combination with the back board and side posts of a washboard; of a plate of resilient sheet metal perforated and flanged

as set forth, and arranged to form one side 15 of a triangular chamber on the upper part of said board; ends, back and cover for said chamber; said ends provided with grooves to receive said sheet, and a bolt and nut to hold the parts of said mechanism in position; all 20 substantially as and for the purpose set forth.

In testimony that I claim the foregoing as my invention I have signed my name in presence of two witnesses.

WILLIAM POSTLEY BRUSH.

Witnesses:

A. A. WILLIAMS,

C. E. McDONALD.