

W. H. BERGER.

WASH-BOARD.

No. 170,432.

Patented Nov. 30, 1875.

Fig. 1.

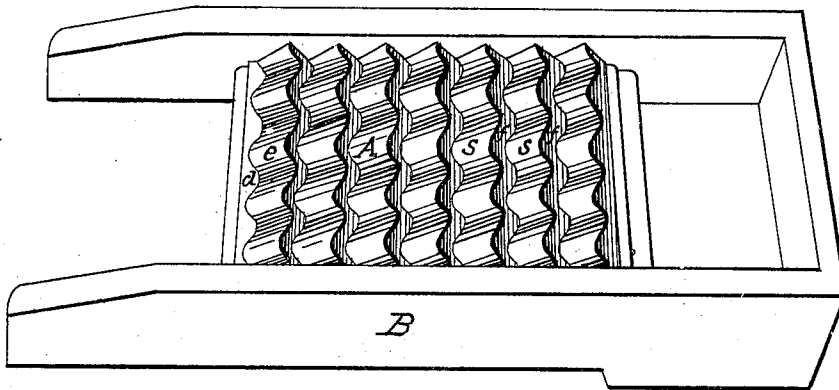


Fig. 2.



Witnesses,

O. D. Lewis
R. S. Sill

Inventor.

William H. Berger
per Josiah W. Ellis
Attorney.

UNITED STATES PATENT OFFICE.

WILLIAM H. BERGER, OF PITTSBURG, PENNSYLVANIA.

IMPROVEMENT IN WASH-BOARDS.

Specification forming part of Letters Patent No. **170,432**, dated November 30, 1875; application filed July 17, 1875.

To all whom it may concern:

Be it known that I, WILLIAM H. BERGER, of Pittsburg, in the county of Allegheny and State of Pennsylvania, have made an improvement in that well-known, useful, and domestic article denominated a Wash-Board, of which the following is a specification:

My invention will be readily understood from the following description, taken in connection with the accompanying drawing, wherein—

Figure 1 represents a perspective view of a wash-board with my invention; Fig. 2, a longitudinal vertical section of the metallic plate-facing or rubbing-surface.

The nature of my invention consists in the new and improved configuration given to the zinc facing or rubbing-surface, and which is formed by first corrugating the said plate *A* transversely in a manner as to produce therein a series of plain angular grooves, *a b c*, of such a shape as that each groove will represent, in transverse section, a scalene triangle. This plate, so prepared, is then submitted to the action of suitable dies or rolls, that will produce in the broad side *s* of each groove a series of curved elevations, *e*, and depressions *d*, thus constituting a wavy surface therein its entire length, leaving the opposite or narrow side *f* plain and perfectly smooth, with the exception of the vertex of the angle, which

is effected by the wavy corrugations on the broad side to the extent of giving these several edges the appearance of short broad teeth, that are admirably suited to the creation of friction on the clothes in the rubbing process. The metallic plate, so made, is to be secured by any of the well-known methods to a wooden frame, *B*, and back, constructed in the usual style, when it may be operated in the same manner and to the same end that wash-boards are generally contrived for.

I claim—

A new article of manufacture, consisting of a wash-board having its metallic covering or rubbing-surface formed to constitute a series of transverse angular grooves, *a b c*, the sides of said grooves being inclined and proportioned to each other so as to represent two sides of a scalene triangle, the broad side *s* of which is stamped or pressed into a series of curved elevations and depressions, *d*, extending completely across the side, producing therein a wavy surface, leaving the surface of the opposite or narrow side *f* of each groove smooth and plain, substantially as shown and set forth.

WILLIAM H. BERGER.

Witnesses:

JOSIAH W. ELLS,
ROBERT S. SILL.