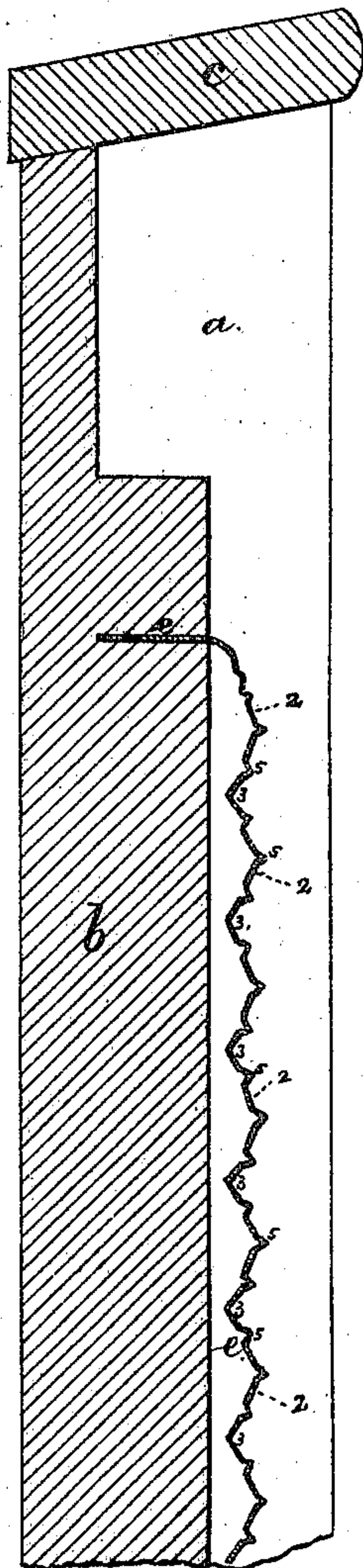


J. T. McNALLY & F. T. McNALLY.


Wash-Boards.

No. 134,607.

Patented Jan. 7, 1873.



Charles Smith
Chas. F. Penckney  Witnesses.

INVENTORS.
Frank J. McNally,
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 ATTY.

UNITED STATES PATENT OFFICE.

JOHN T. McNALLY, OF BROOKLYN, AND FRANK T. McNALLY, OF EAST
NEW YORK, N. Y.

IMPROVEMENT IN WASH-BOARDS.

Specification forming part of Letters Patent No. 134,607, dated January 7, 1873.

To all whom it may concern:

Be it known that we, JOHN T. McNALLY, of Brooklyn, and FRANK T. McNALLY, of East New York, in the county of Kings and State of New York, have invented an Improvement in Wash-Boards, of which the following is a specification:

This invention relates to that class of wash-boards in which the rubbing-surface is made of a plate or sheet of metal mounted in a wooden frame, and made with corrugations running horizontally across such surface. Our improvement consists in a wash-board formed with small ribs or corrugations upon the surface of the main corrugations in the plate or sheet; thereby the rubbing-surface is made of small corrugations longitudinally of large corrugations or undulations, so as to expose a much larger number of corrugations to act upon the clothes as they are rubbed, and at the same time the undulations or large corrugations retain the water and suds, the result being greater rapidity in washing and less labor expended.

In the drawing our improvement is illustrated by a vertical section of the wash-board.

The side pieces *a*, back *b*, and top rail *c* are of usual construction, and the sheet of metal

e, forming the surface of the wash-board, is secured at top, bottom, and sides, as usual. The metallic sheet is made with undulations or corrugations 2 2, with the intermediate depressions 3 3, and upon the corrugations 2 2 there are longitudinal ribs or small corrugations 5 5.

In washing clothes the corrugations or ribs 5 5 serve to hasten the washing operation by more effectually squeezing out the water and suds as the clothes are drawn over and rubbed upon the same; but the depressions 3 3 holding the water, the clothes absorb the same in passing such depressions; hence the water and suds are rapidly imbibed by and ejected from the clothes to effect the washing operation.

We claim as our invention—

A wash-board with a surface of sheet-metal in which there are small ribs running longitudinally of the corrugations or undulations, for the purposes set forth.

Signed by us this 12th day of July, A. D. 1872.

JOHN T. McNALLY.

FRANK T. McNALLY.

Witnesses:

GEO. T. PINCKNEY,
CHAS. H. SMITH.