H. F. W. LIEBMANN.

WASH-BOARDS.

No. 193,972. Patented Aug. 7, 1877.

Fig: 1.

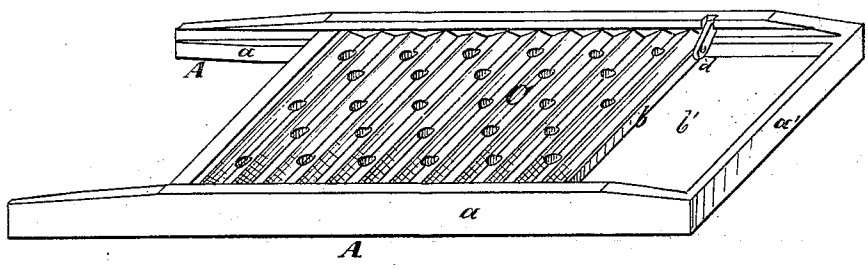


Fig: 2.

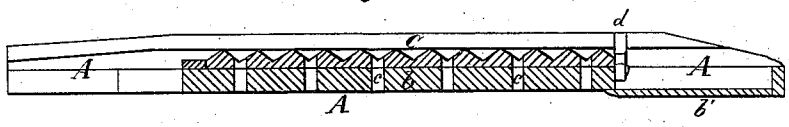
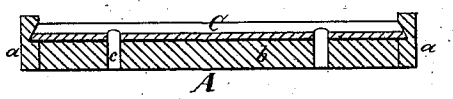


Fig: 3.



Witnesses

L. M. Dully

R. F. Dyer.

By

Inventor

Herman F. W. Liebmann.

Geo. W. Dyer & Co

Attorneys

N. PETERS, PHOTO-LITHOGRAPHER, WASHINGTON, D. C.

UNITED STATES PATENT OFFICE.

HERMANN F. W. LIEBMANN, OF CHICAGO, ILLINOIS.

IMPROVEMENT IN WASH-BOARDS.

Specification forming part of Letters Patent No. **193,972**, dated August 7, 1877; application filed May 7, 1877.

To all whom it may concern:

Be it known that I, HERMANN F. W. LIEBMANN, of Chicago, in the county of Cook and State of Illinois, have invented certain new and useful Improvements in Wash-Boards, of which the following is a full, clear, and exact description, reference being had to the accompanying drawing, in which—

Figure 1 is a perspective view of my improved wash-board. Fig. 2 is a longitudinal, and Fig. 3 is a cross-section, of the same.

The nature of my invention relates to wash-boards for domestic use; and it consists in the peculiar removable rubbing-board, sliding over the body-board in grooves in the side rails and held in position by a turn-button; and further, in the construction and arrangement of the parts composing my wash-board.

A is the body or frame of the wash-board, having the usual shape, and consisting of the side rails *a*, top end rail *a'*, the body-board *b*, and soap-holder board *b'*. The side rails *a* are grooved on their inner faces for receiving and holding the edges of the fluted or ribbed rubbing-board C, which is slid endwise into the frame A, and is secured therein by a turn-button, *d*, pivoted upon the end of the body-board *b*. Said rubbing-board C is made of glass or porcelain or terra-cotta, and has a series of perforations, *c*, of any suitable size or shape, which are to match with holes cut through the body-board *b*, so that while rubbing the clothes the soap-suds, carrying the dirt, will find an easy and ready escape.

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

1. The wash-board frame A, having grooved side rails *a* and body-board *b*, in combination with the rubbing-board C and turn-button *d*, all arranged substantially as described and shown.

2. The wash-board described, consisting of the side and end rails *a a'*, perforated body-board *b*, soap-board *b'*, and the removable perforated rubbing-board C, all constructed and arranged substantially as set forth and shown.

HERMANN F. W. LIEBMANN.

Witnesses:
WM. H. LOTZ,
EMIL H. FROMMANN.