J. GRAVES.

WASH-BOARD.

No. 192,254. Patented June 19, 1877.

Fig. 1.

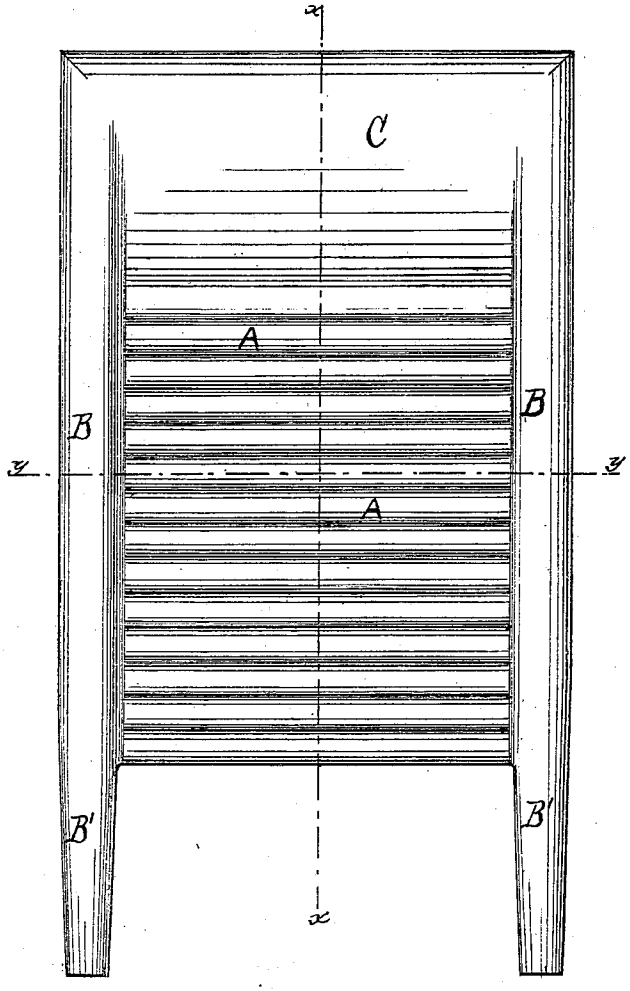


Fig. 2.

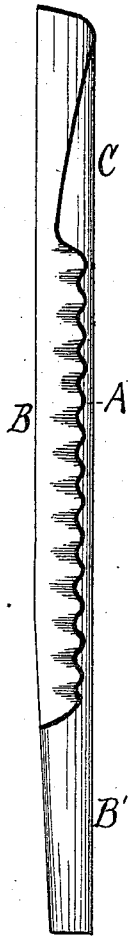
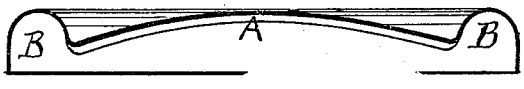


Fig. 3.



Witnesses:

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UNITED STATES PATENT OFFICE.

JOHN GRAVES, OF NEW YORK, ASSIGNOR TO HIMSELF AND HENRY W. SHEPARD, OF BROOKLYN, N. Y.

IMPROVEMENT IN WASH-BOARDS.

Specification forming part of Letters Patent No. **192,254**, dated June 19, 1877; application filed April 11, 1877.

To all whom it may concern:

Be it known that I, JOHN GRAVES, of the city, county, and State of New York, have invented an Improved Wash-Board, of which the following is a full, clear, and exact description, reference being had to the accompanying drawing, and the letters of reference marked thereon, making part of this specification, in which—

Figure 1 is a top-plan view. Fig. 2 is a longitudinal sectional view on the line *x x*, Fig. 1. Fig. 3 is a cross-sectional view on the line *y y*, Fig. 1.

My invention relates to a new article of manufacture; and consists in stamping the entire wash-board out of one piece of metal, as more fully hereinafter described.

The construction and operation of my invention are as follows:

A A are the corrugations, extending across the board, and upon which the clothes are rubbed when being washed. B B are the sides, which terminate in the legs B′ B′, to keep the wash-board from slipping farther down into the tub than is necessary. These sides, after the board is stamped out, are turned down, giving an arched formation to the same, for the purpose of gaining strength, as shown in Fig. 3. C is the receptacle at the top of the wash-board for soap or for clothing, and is formed by depressing that portion of the board next to the corrugations, and making the top of the board incline toward the same, as shown in Fig. 2. The sides B B extend longitudinally the whole length of the board.

Among the advantages of my improved wash-board may be enumerated the fact that, by stamping the entire board out of one piece of metal, there is no danger of any of its parts becoming loose, thus rendering the wash-board worthless.

What I claim as new, and desire to secure by Letters Patent of the United States, is—

A wash-board consisting of the crimped body, the top C, and the side pieces B B, all stamped from a single piece of sheet metal, as and for the purpose specified.

In witness whereof I have signed my name to this specification in the presence of two subscribing witnesses.

JOHN GRAVES.

Witnesses:
C. D. JONES,
H. H. SPELMAN.