J. W. & P. W. GOULD.

Washing Machine.

No. 32,220. Patented April 30, 1861.

Fig. 3.

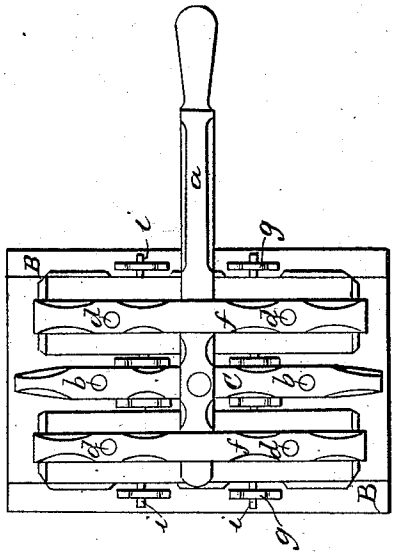


Fig. 2.

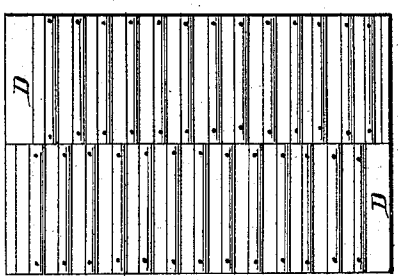


Fig. 1.

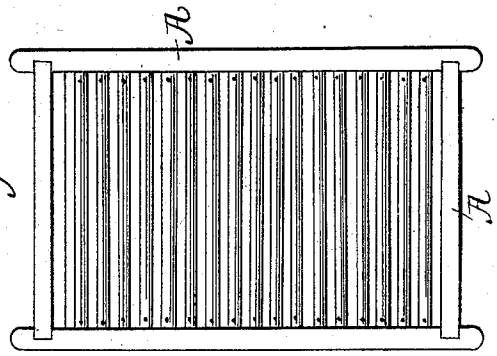
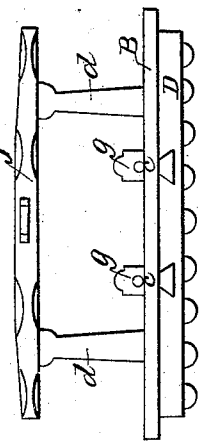


Fig. 4.



Witnesses.

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UNITED STATES PATENT OFFICE.

J. W. GOULD AND P. W. GOULD, OF EVANS, NEW YORK.

WASHING-MACHINE.

Specification of Letters Patent No. 32,220, dated April 30, 1861.

To all whom it may concern:

Be it known that we, J. W. GOULD and P. W. GOULD, of Evans, in the county of Erie, State of New York, have invented certain new and useful Improvements in Washing-Machines; and we do hereby declare that the following is a full, clear, and exact description of the same, reference being had to the accompanying drawings and to the letters of reference marked thereon, in which—

Figure (1) represents a plan view of the box; Fig. (2) a plan of the rubbers; Fig. (3) plan of frame, and Fig. (4) a longitudinal view of the same.

The nature of our invention consists in the employment of the reciprocating rubbers, in combination with a stationary frame and a flat corrugated bottomed box all used together for the purpose herein set forth.

To enable others skilled in the art to make and use our invention we will now describe its construction and operation.

(A) represents a rectangular box with its bottom corrugated either by grooves or by tacking strips across it.

(D D) are two rubbers, the combined width of which is almost that of the box in the clear, while in length they are from three to five inches shorter than the box. The bottom of each of these rubbers is also corrugated in one of the two ways already mentioned.

(B) represents a frame so constructed that it will fit tightly on the inside of the box (A). Said frame has a piece extending longitudinally through its center. Upon this piece at each end is erected a standard (*b*), and over these standards is secured the cross piece (*c*) as fully shown in Fig. (3). (*d d*) are also standards and are secured to the rubbers (D D) as seen in Fig. (4). These standards likewise have cross pieces (*f f*), each of which is provided with a mortise through its center. (*a*) is a lever which extends through these mortises and is pivoted to cross piece (*c*), seen in Fig. (3). It should be observed that these mortises are sufficiently wide to allow of the lever being worked backward and forward.

(*g g*) are guides, which are dovetailed on to rubbers (D D). Said guides extend through long mortises in the frame and are provided with pins (*i i*) to keep them from coming out.

The operation is as follows: The box having been provided with water, the articles to be washed are put in, and then the frame and rubbers are set over them. Force is now applied to the lever (*a*)—working it to and fro—thus giving the rubbers a reciprocating motion. So effective is this mode of washing that in a few moments the most filthy article can be thoroughly cleansed.

Having thus fully described our invention what we claim and desire to secure by Letters Patent is—

The employment of the double reciprocating rubbers (D D) used in connection with stationary frame (B), substantially as and for the purpose set forth.

J. W. GOULD.
P. W. GOULD.

Witnesses:
H. B. BENT,
H. MCLANE.