

C. SCHIFFERLY.
Washing-Machine.

No. 214,320.

Patented April 15, 1879.

Fig. I.

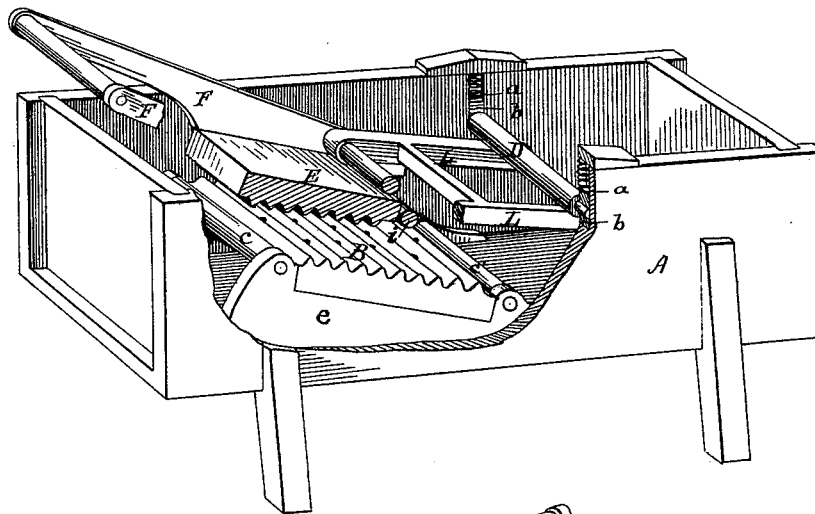
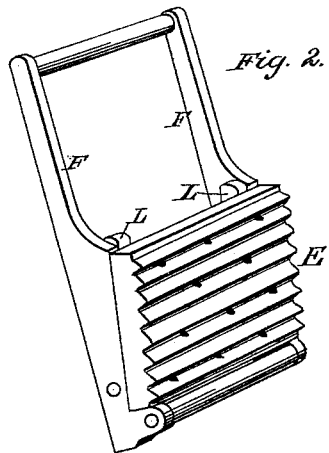


Fig. 2.



Attest:
Clarence Poole.
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by A. W. Evans & Co

UNITED STATES PATENT OFFICE.

CONRAD SCHIFFERLY, OF NORTH MANCHESTER, INDIANA, ASSIGNOR OF
ONE-HALF HIS RIGHT TO CHRISTIAN SHIVELY, OF SAME PLACE.

IMPROVEMENT IN WASHING-MACHINES.

Specification forming part of Letters Patent No. 214,320, dated April 15, 1879; application filed
January 8, 1879.

To all whom it may concern:

Be it known that I, CONRAD SCHIFFERLY, of North Manchester, in the county of Wabash and State of Indiana, have invented certain Improvements in Washing-Machines; and I hereby declare the following to be a full, clear, and exact description thereof, reference being had to the accompanying drawings, making part of this specification, in which—

Figure 1 is a perspective view of the machine, with a portion of the side broken away. Fig. 2 is a separate view of the rubber folded so as to be used as a wash-board.

The object of my invention is to produce a cheap and durable machine for washing clothes; and my invention consists in a tank, across which is a roller in yielding bearings, and beneath it an inclined corrugated wash-board, provided at each end with a roller. Over this fixed wash-board reciprocates a rubber-board, provided with hinged bars, lying at an angle to the direction given the rubber, said hinged bars bearing against the lower side of the transverse roller in elastic bearings, thus giving a continuous but varying pressure on the clothes.

In order that those skilled in the art may make and use my invention, I will proceed to describe the manner in which I have carried it out.

In the said drawings, A is a tank to contain water, and in this instance is made rectangular. At about one-third of the length from one end are cut vertical grooves *a* in the sides of the trough or tank to receive journal-boxes *b* for the ends of a transverse roller, D, and secured above the journal-boxes are coiled

springs, against which the boxes bear, thus giving roller D yielding spring-bearings.

On an inclined frame-work, *e*, in the bottom of the tank lies a wash-board, B, having rollers at each end *c c'*. A rubber, to work on the wash-board, is made of a corrugated board, E, fitted with handles F F, said handles carrying at their ends a roller, *i*.

Pivoted over board E and between handles F F are projecting legs L L, having a brace-bar between them. These legs L, when in position seen in Fig. 1, remain at an obtuse angle with the handles F, and they lie beneath the roller D and bear up against it as the rubber is reciprocated back and forth. This, through the medium of the spring-bearings, keeps a constant and varying pressure on the clothes. When the rubber is removed from the tank and the legs are folded so as to lie on board E, said board can be used as a wash-board in another vessel for rinsing, &c.

Having thus described my invention, what I claim as new, and desire to secure by Letters Patent, is—

In a reciprocating rubbing washing-machine, the inclined frame *e*, provided with rollers *c c'* and with inclined board B, in combination with the board E, provided with roller *i*, swinging bars L, and handles F, diverging from the plane of the board, and the tank A carrying a roller, D, in yielding bearings *a b*, as set forth.

CONRAD SCHIFFERLY.

Witnesses:

JACOB HARTER,
GEO. W. LAURENCE.