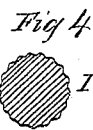
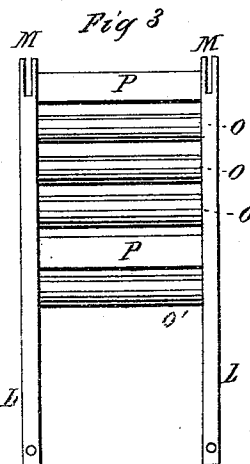
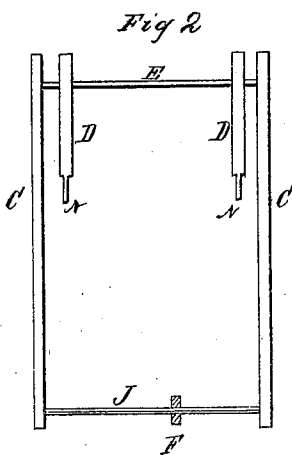
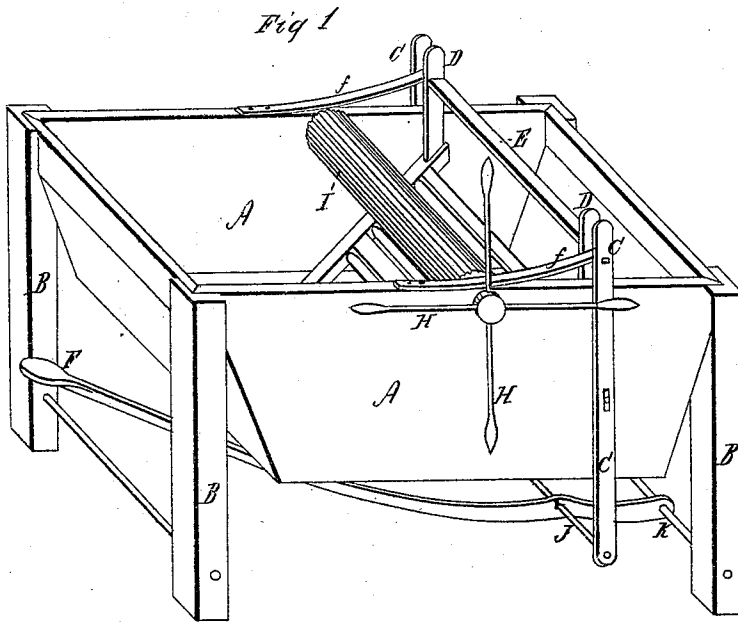


G. W. WAGEONER.
Washing-Machines.

No. 139,093.

Patented May 20, 1873.



Witnesses

E. H. Wheeler.
A. R. Cushman

Inventor.

G. W. Wagoner

UNITED STATES PATENT OFFICE.

GEORGE W. WAGEONER, OF SCOTLAND COUNTY, MISSOURI, ASSIGNOR TO
ANDREW R. CUSHMAN, OF SAME PLACE.

IMPROVEMENT IN WASHING-MACHINES.

Specification forming part of Letters Patent No. **139,093**, dated May 20, 1873; application filed
February 19, 1873.

To all whom it may concern:

Be it known that I, GEORGE W. WAGEONER, of Scotland county and State of Missouri, have invented a new and useful Improvement in Washing-Machines; and I do hereby declare that the following is a full and complete description of its construction and operation, reference being had to the annexed drawing making a part of this specification, in which—

Figure 1 is a perspective view. Fig. 2 is a sectional elevation of the sash-frame. Fig. 3 is a top view of the wash-board. Fig. 4 is a transverse section of the roller I and wash-board and rollers therein.

Construction.

I take a wash-box, A, with legs B B B, and large corrugated roller I, placed across the box A at its center and within the box, as seen in Fig. 1. I then construct a sash-frame of the several parts C C, D D, E, and J, and treadle F F F, and attach arms H H H to roller I, as seen in Fig. 1; also, a wash-board frame, L L, rollers O O O, beveled boards P P, and rollers O' O', as shown in Figs. 3 and 4. I make springs *ff* and place them on top of box A, and passing through under bar E between parts C C and D D of the sash-frame, Fig. 1. The wash-board is placed within the box A so as to bring the central roller O under the center of roller I, and it is secured in place by bolts or screws passing through the ends of L L into the box A, so as to let the end under the roller I rise and fall. Wash-board L L, Fig. 3, is attached to the sash-frame C C by inserting tenons N N, Fig. 2, in slots M M, Fig. 3, and passing a bolt or pin through them. Treadle F is placed upon round K of box A,

Fig. 1, and round J of the sash-frame passes through it, as shown in Fig. 1.

Operation.

The box A being partly filled with water, the fabrics to be washed are then put in the box. By bearing the treadle F down the space between the roller I and the wash-board and rollers is opened to allow the fabrics to be washed to be passed between the roller I and wash-board and rollers. The treadle being released, the springs *ff* hold the wash-board and rollers up against the roller I, when the roller I is rotated, by means of arms H, back and forth until the operation of washing is completed.

The rollers O' O' are placed at the outer edge of beveled boards P P, as shown in Figs. 3 and 4, to prevent injury to the fabrics and friction upon the beveled boards P P.

Disclaimer.

I disclaim the use of the wash-box A, roller I, and smooth rollers O O O, because the same have been used heretofore by others.

Claim.

I claim—

The combination and arrangement of the several parts, as follows: Roller I, wash-board frame L L, rollers O O O, bevel boards P P, rollers O' O', sash-frame C C, D D, and E, treadle F, and springs *ff*, when constructed and operating substantially as and for the purpose set forth.

G. W. WAGEONER.

Witnesses:

E. H. WHEELER,
A. R. CUSHMAN.