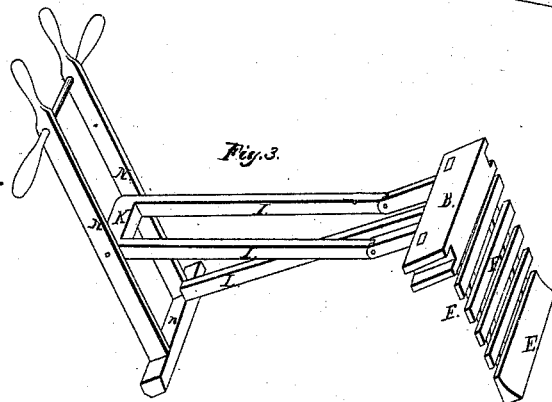
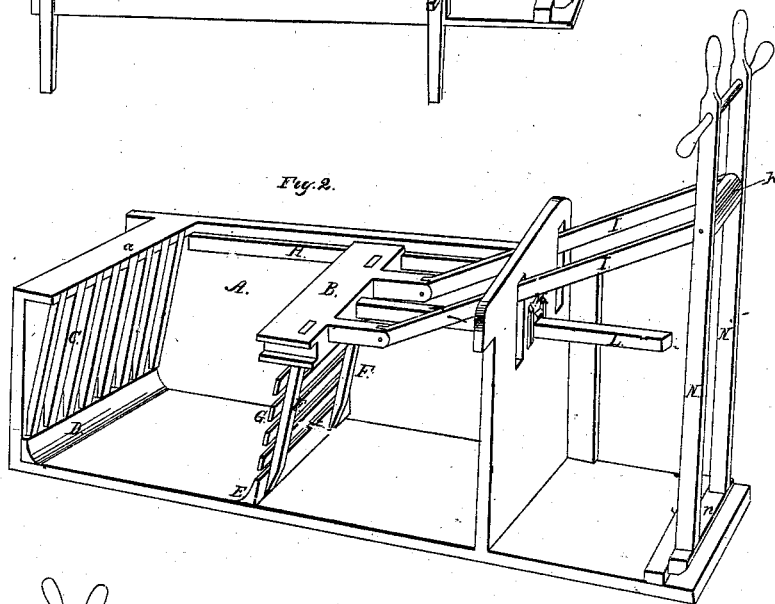
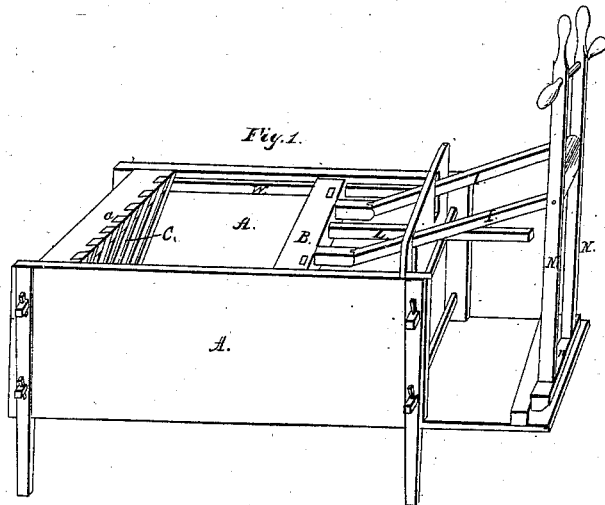


A. Mitchell,

Washing Machine,

N^o 3,329.

Patented Nov. 6, 1843.



UNITED STATES PATENT OFFICE.

ARTHUR MITCHELL, OF ABERDEEN, OHIO.

WASHING-MACHINE.

Specification of Letters Patent No. 3,329, dated November 6, 1843.

To all whom it may concern:

Be it known that I, ARTHUR MITCHELL, of Aberdeen, in the county of Brown and State of Ohio, have invented a new and useful Improvement in Washing-Machines; and I do hereby declare that the following is a full, clear, and exact description thereof, reference being had to the accompanying drawing, which forms a part of this specification, in which—

Figure 1, is a perspective view; Fig. 2, same view with side removed; Fig. 3, the movable follower detached.

The nature of my invention consists in constructing a washing machine, having a follower that moves up toward the end against which the clothes are washed, parallel with it, and in a right line, being steadied in its course by guides and ways; and also in the formation of the end against which the clothes are washed.

The case or reservoir, A, is an oblong rectangular box, the bottom of which projects beyond it at one end, this box is supported on four legs at a proper height and the end where the bottom projects rises above the sides; the other end is level with them, and from it a top piece (a) projects inward; from the inner edge of this piece slats C extend down, slanting toward the end piece, which they rest against at about three or four inches from the bottom, the ends being supported by a solid piece, D, of the same thickness as the slats at the upper edge, and about four or five inches thick at the bottom; the face or side next the follower being curved. Near the top of the box are ribs H, running from end to end, along the sides, to which they are attached; on these ways a cross head B, slides back and forth, the ends being cut out so as to fit the ways, and having a shoulder above and below them. To make this head B, slide more steadily and relieve it from binding on the ways, a tongue or guide L, extends back from it, through the end of the box that rises above the sides, a mortise being made therein for that purpose; on

the upper side of this mortise a roller M, is placed, to relieve the guide from friction. On each side of the guide two short pieces are affixed to the cross head B, parallel with said guide, to these pitmen I are jointed that extend backward through slots in the back end, and are connected with two upright handles N, that are connected with a rocker (n), which is jointed to the bottom board beyond the box, their upper ends being connected by a cross rod, that extends beyond them, and is formed into a handle at each end; the ends of the handles N, are also formed to be grasped by the hand. By this contrivance it will be seen, as the handles are rocked back and forth, the cross head will have a rectilinear reciprocating motion. Into the underside of the cross head are mortised two braces F, that project down, and slant a little toward the front grating C, so as to be about parallel therewith; on these are fastened cross slats G, horizontally, and at their lower ends a bar E, is fastened, that reaches nearly to the bottom of the box; this is thicker on its lower edge than its upper, and is concave on the face next the slats C, similar to the stationary bar D. This forms the follower.

The operation of this machine is as follows: When the box is supplied with hot water, the clothes are soaped and put in between the follower and the front grate; the machine is then put in motion, and the water squeezed through the clothes by rocking the handles to and fro, the form of the front grate and follower assisting in revolving them as the process continues, thus speedily removing the dirt from the clothes without injuring them.

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

The follower, constructed, arranged and operating, in the manner, and for the purpose herein set forth.

A. MITCHELL.

Witnesses:

L. CALDWELL,
J. J. GREENOUGH.