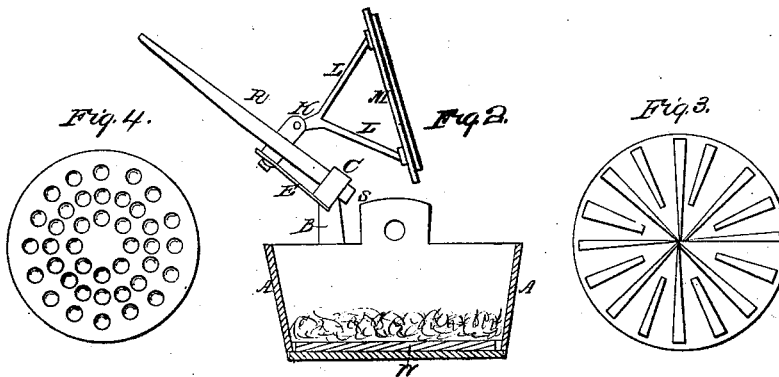
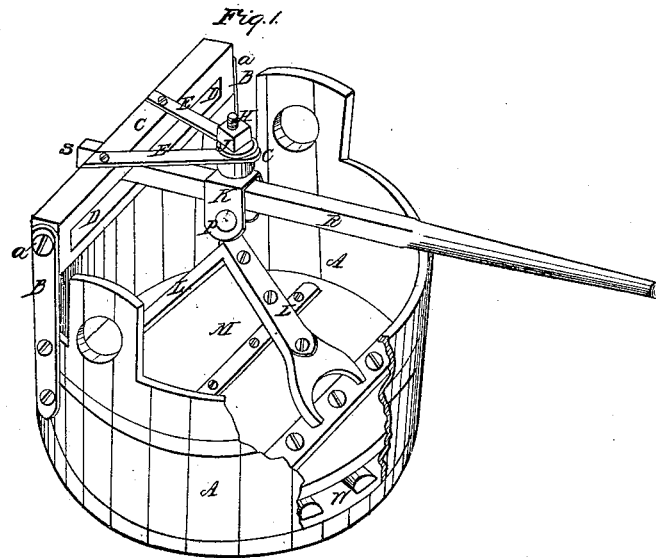


S. Spelman,

Washing Machine,

N^o 52,085.

Patented Jan. 16, 1866.



Witness:
Robert A. Mott
Joseph H. Mott

Inventor:
Stephen Graham

UNITED STATES PATENT OFFICE.

STEPHEN SPELMAN, OF WESTFIELD, MASSACHUSETTS.

WASHING-MACHINE.

Specification forming part of Letters Patent No. 52,085, dated January 16, 1866.

To all whom it may concern:

Be it known that I, STEPHEN SPELMAN, of Westfield, Hampden County, State of Massachusetts, have invented a new and useful Mode of Constructing Washing-Machines; and I declare the following specification, with the drawings forming part thereof, to be a full and complete description of my invention.

Figure 1 represents the machine in perspective, with a portion of its body removed to show its interior construction; Fig. 2, a central vertical sectional diagram of the same.

Similar letters denote the same parts of the apparatus.

A is the body of the machine—a large wash-tub to contain the articles to be washed. Between the center and circumference of the tub, a pair of upright standards, B B, are fastened to its sides, rising some—say six— inches above its upper edge. Between them, and pivoted at each end to them by axes *a a*, there is a beam, C, lying horizontally and having a slot, D, cut through it nearly from end to end. From this beam project out toward and beyond the center of the tub two arms, E E, which unite over the center in a common plate, G. Through a hole in this a pivot or vertical axis, H, secured at top, as shown, by a nut and washer, J, supports a hanging socket, K. From the lower part of this socket, upon a pin, P, hangs the upper wash-board, M, by its braces L L, within a short space of the lower wash-board or bottom of the tub, W. Through the socket K a lever, R, passes, its back end, S, entering into and moving freely through the slot D, for the purpose of strengthening and steadying the machine when working, and its front end projecting as far as may be required to work the machine advantageously. The lower face of the upper wash-board, M, and the upper face of the lower one, W, are to be fitted,

in the manner common to many washing-machines, with flutings, as shown in Fig. 3, or knobs, as shown in Fig. 4, or in any way best suited for rubbing-surfaces.

It will be seen from the above description that the pin H forms the pivot upon which, by moving the lever R horizontally, the wash-board M can be turned around nearly half a circle from the right to the left and left to the right hand, to rub and roll the clothes which are placed between the wash-boards; also, that the beam C, by its axes *a a*, becomes a fulcrum upon which, by raising the lever R, the board M can be raised up out from the tub, as shown by Fig. 2, for the purpose of entering, removing, or handling the clothes to be washed, and, as a consequence, permits the proper pressure of the board upon the clothes, according to their quality and condition, to be duly regulated by the hand of the operator, the effect and purpose of the whole arrangement being to produce a machine of the simplest construction, providing the proper movements for the rubbing and rolling operation, with the means of regulating the pressure for the work, and for the withdrawal of the wash-board from the tub, whenever needed for the handling of the clothes, without encountering the necessity of unfastening some part of the machinery.

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

The combination of the standards B B, beam C, arms E, socket K, wash-board M, with its braces L, and the lever R, arranged as described, and for the purposes set forth in this specification.

STEPHEN SPELMAN.

Witnesses:

RICHD. VARICK DE WITT,
JOSEPH W. RUSSELL.