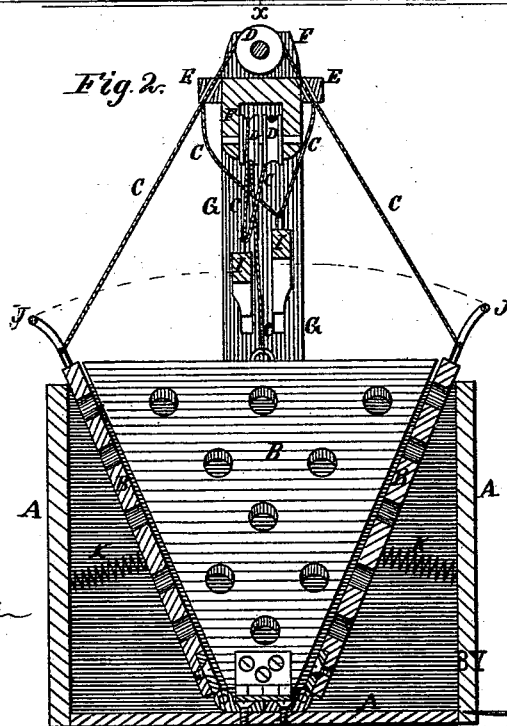
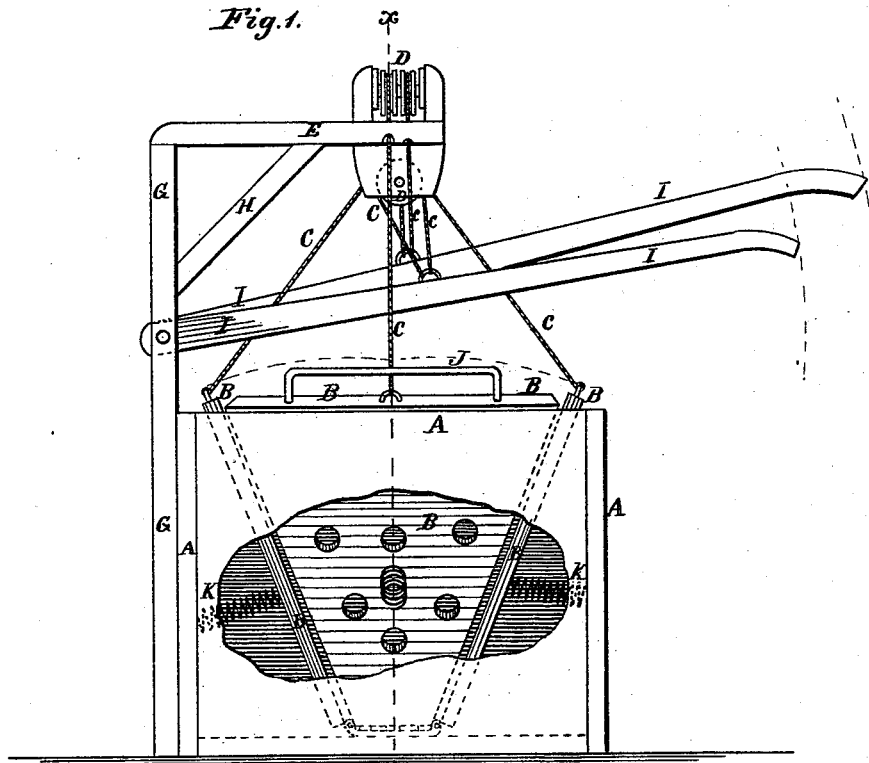


L. C. WHITE & G. M. WALTON.
Pounder.

No. 211,820.

Patented Jan. 28, 1879.



WITNESSES:

Henry N. Miller
C. Sedgwick

INVENTORS:

L. C. White
G. M. Walton
Munn & Co

ATTORNEYS.

UNITED STATES PATENT OFFICE.

LEMUEL C. WHITE AND GEORGE M. WALTON, OF CLEVELAND MILLS, N. C.

IMPROVEMENT IN POUNDERS.

Specification forming part of Letters Patent No. **211,820**, dated January 28, 1879; application filed June 5, 1878.

To all whom it may concern:

Be it known that we, LEMUEL C. WHITE and GEORGE MILLS WALTON, of Cleveland Mills, in the county of Cleveland and State of North Carolina, have invented a new and useful Improvement in Washing-Machines, of which the following is a specification:

Figure 1 is a side view of our improved machine, part being broken away to show the construction. Fig. 2 is a vertical section of the same, taken through the line *x x*, Fig. 1.

Similar letters of reference indicate corresponding parts.

The object of this invention is to furnish an improved machine for washing clothes which shall be simple in construction, convenient in use, and effective and rapid in operation, washing the clothes thoroughly and without injuring them, and which at the same time shall be so constructed that it may also be used as a wringer, so that the clothes may be immediately taken from the machine and hung up to dry.

The invention will first be described in connection with the drawings, and then pointed out in the claims.

A is the suds-box, which is made rectangular in form and of any desired size. B are four tapering or V-shaped wings or plates, which are hinged at their narrow ends to each other, and to the center of the bottom of the suds-box A, so as, when placed edge to edge, to form a hopper-shaped box.

The wings or plates B are perforated with numerous holes, to allow the water to pass through them freely, and may be corrugated, or may have small cleats or ribs attached to their inner sides, if desired.

The side edges of the wings or plates B are beveled off, so that they may move past each other freely.

To the center of the upper edges of the wings or plates B are attached the ends of four ropes, C, which pass over guide-pulleys D, pivoted to the arm E, or to a block, F, attached to the said arm. The other end of the arm E is attached to the upper end of the standard G, the lower end of which is attached to the side of the suds-box A.

The connection between the arm E and the standard G is strengthened by an inclined brace, H, the upper end of which is attached to the said arm E, and its lower end is attached to the standard G.

The other ends of the ropes of each pair of opposite wings or plates B are attached to two levers, I, the other ends of which are pivoted to the standard G a little above the top of the suds-box A, as shown in Figs. 1 and 2.

With this construction, by placing the clothes to be washed in the space between the four plates or wings B and operating the levers I alternately, the pairs of opposite plates will be alternately moved toward each other, compressing the clothes and forcing out the water and dirt, washing the said clothes very quickly.

To the upper edges of two opposite plates or wings B, or of all of said wings or plates, are attached handles J, so that the clothes may be washed without the use of the levers and ropes.

The water may be drawn off, when desired, through an opening in the bottom of the suds-box A, which opening should be closed by a faucet or other suitable means.

If desired, the plates or wings B may be drawn back, after being moved inward to press the clothes, by springs K, attached to them and to the sides of the suds-box A; but generally the springs K will not be necessary, as the weight of the clothes will press back the plates or wings B when released with sufficient promptness.

With this construction, when the clothes have been sufficiently washed, the suds may be drawn out of the box A, and the water may be squeezed out of the clothes by pressing them between the said plates or wings B.

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

1. The combination, in a washing-machine, with the box A, of the perforated tapering plates B, hinged at their narrow lower ends to a central piece on the bottom of the box, as shown and described.

2. The combination, with the four hinged plates B, of the ropes C, the pivoted pulleys D, and the levers I, all arranged as and for the purpose specified.

LEMUEL C. WHITE.
GEORGE MILLS WALTON.

Witnesses:
D. D. SUTTER,
L. L. SMITH.