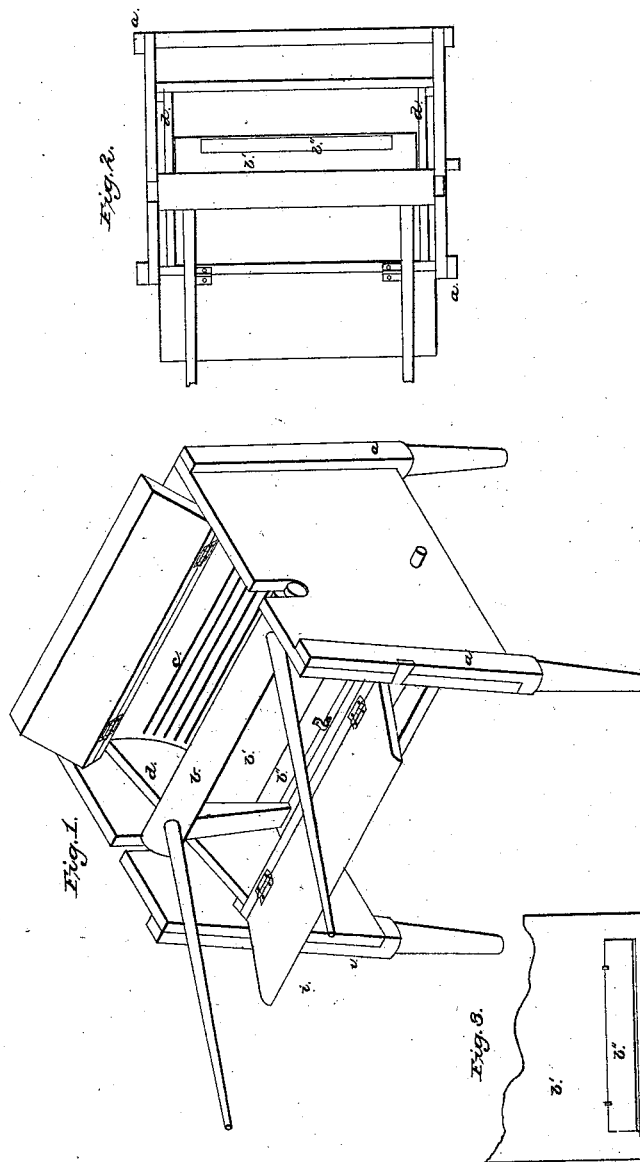


*H. B. Masser,*  
*Washing Machine,*  
*N<sup>o</sup> 4,799. Patented Oct. 7, 1846.*



# UNITED STATES PATENT OFFICE.

H. B. MASSER, OF SUNBURY, PENNSYLVANIA.

## WASHING-MACHINE.

Specification of Letters Patent No. 4,799, dated October 7, 1846.

*To all whom it may concern:*

Be it known that I, H. B. MASSER, of Sunbury, in the county of Northumberland and State of Pennsylvania, have invented a new and useful Improvement in Washing-Machines, and that the following is a full, clear, and exact description of the principle or character which distinguishes it from all other things before known and of the manner of making, constructing, and using the same, reference being had to the accompanying drawings, making part of this specification, in which—

Figure 1 is an isometrical view of the machine; Fig. 2 is a top plan; Fig. 3, the dasher detached.

The same letters indicate like parts in all the figures.

The nature of my invention consists in carrying the whole body of water in the machine up to one end there it is allowed to percolate through the clothes and thus wash them without pressing or rubbing them by simply forcing the water through the clothes, by which much labor is saved and the clothes washed without wearing.

The construction of my machine is as follows: An outer case is formed and supported on legs as shown at (a) in Fig. 1; the bottom of the case is the segment of a circle having the axis of the dasher for its center at (b); the wash board of the machine against which the clothes are thrown by the dasher is made with horizontal gratings as at (c), Fig. 1; this wash board has a space between it and the front of the case as shown in Fig. 2, and on each side of the

dasher are false ends (d) inside of the case with a space for the water that is forced through the grating of the washer board to flow into and from thence it passes into the body of the machine under said ends (d) behind the dasher. The dasher (b') is a plain board attached to two arms standing radially from the axis (b) and extending down to the bottom; near its lower edge there is a valve (b'') that opens toward the wash board so that when the dasher is turned back the water behind it will run through and as it is carried forward the valve closes and forces up the water and clothes against the wash board where it is held till the water all percolates through the clothes and grating of the wash board, (during which time the dasher is vibrated to keep the clothes in motion) into the space in front and thence round into the case again behind the dasher as above named.

Having thus fully described my invention and shown the operation thereof, what I claim therein as new and desire to secure by Letters Patent is—

The combination of a dasher having a valve therein as above described with a wash board and side pieces so arranged as to allow the water forced up by said dasher in front to pass around behind, the same substantially in the manner and for the purpose set forth.

H. B. MASSER.

Witnesses:

J. J. GREENOUGH,  
A. P. BROWNE.