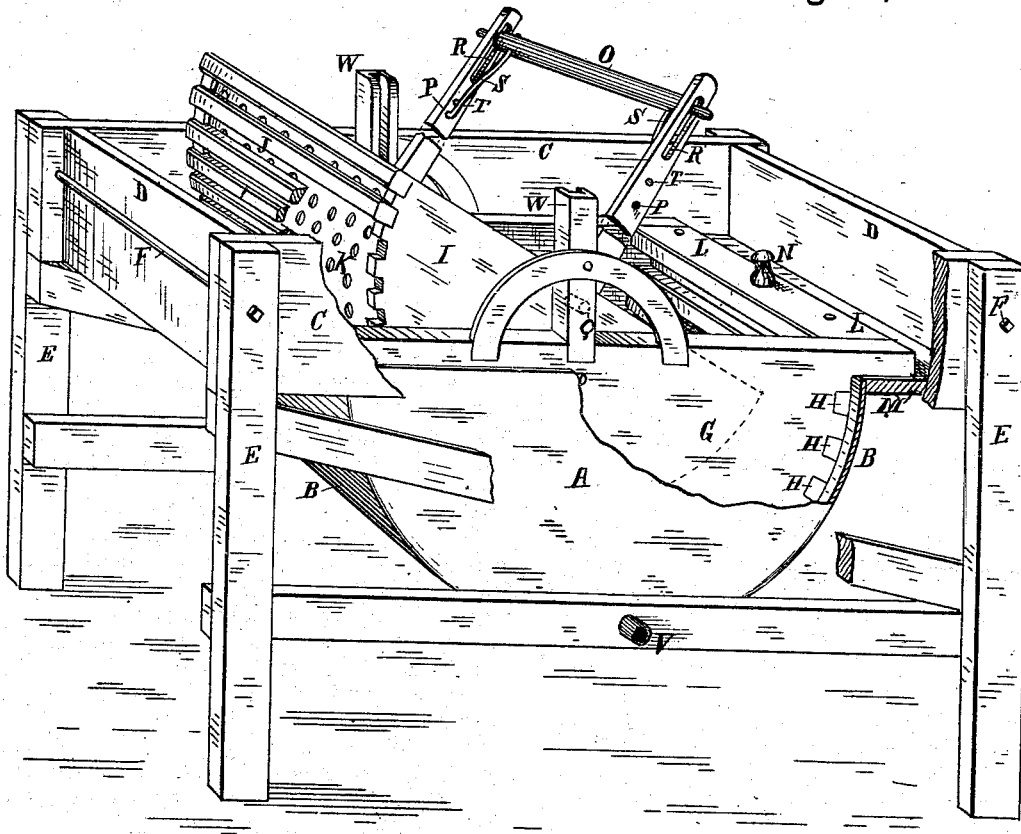


(Model.)

J. P. BENTLEY.
WASHING MACHINE.

No. 263,102.

Patented Aug. 22, 1882.



WITNESSES:

J. D. Garfield
C. Sedgwick

INVENTOR:

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UNITED STATES PATENT OFFICE.

JESSE P. BENTLEY, OF SABINA, OHIO.

WASHING-MACHINE.

SPECIFICATION forming part of Letters Patent No. 263,102, dated August 22, 1882.

Application filed April 13, 1882. (Model.)

To all whom it may concern:

Be it known that I, JESSE P. BENTLEY, of Sabina, in the county of Clinton and State of Ohio, have invented a new and Improved Washing-Machine, of which the following is a full, clear, and exact description.

This invention relates to the kind of washing-machines consisting of a tub of semicircular form and a rubber of similar form pivoted in the tub and made to rock forward and backward on the pivots to rub the clothes placed between the rubber and the tub.

The invention consists in the peculiar construction and arrangement of parts, as hereinafter fully described.

Reference is to be had to the accompanying drawing, forming part of this specification, in which the said improved washing-machine is represented in perspective and with some parts broken out.

A represents one end, and B the bottom, of the semicircular tub, constructed of sheet metal and suspended in a suitable rectangular box of wood sides C and ends D, with ledges M, and supported by posts E, and bolted together by rods F. Within this tub is a bottom rubber, consisting of wood ends G, and the semicircular bottom of bars H, suitably arranged, with spaces between them, to subject the clothes placed within said rubber to the required rubbing action by the vibrating rubber I J K. This bottom rubber is provided with the end projections, L, to rest on the ledges M of the box, to support the weight of the clothes thereon and keep said weight off of the sheet-metal bottom; also, to protect the bottom B from the thrusts of the working-rubber. The said ends L have a knob-handle, N, by which to lift the rubber out of the metal tub to remove it when the tub is to be used for rinsing. The rocker-rubber, having wood ends I and rubbing-slats J, together with the bars P, handle O, and pivots Q, has a perforated sheet-metal bottom, K, inside of the slats

J, to prevent the clothes from working through the slats. The handle O is arranged in slots R, which are located at the upper ends of the bars P, for adjustment of the handle to suit different operators, the said handle being secured in position by the spring-latches S, which engage with holes T in bars P. By the arrangement of the bottom rubber for removal the parts can be readily cleaned, besides affording more room in tub A B and smoother surfaces for rinsing. The tub A B, being of sheet metal as high or a little higher than the usual height of the water, will be more substantial than if made of wood.

V represents the spout for the discharge of the water.

The pivots Q of the working-rubber are mounted in the grooved posts W, which are attached to the sides of the removable rubber G H, as shown.

Having thus fully described my invention, I claim as new and desire to secure by Letters Patent—

1. The combination, with the tub A B C D, provided with the ledges M, and bottom rubber, G H, provided with the end projections, L, having handles N and grooved standards W, of the oscillating rubber I J K, provided with journals Q, operating directly in the grooves of the said standards, and adjustable handles O P, substantially as and for the purpose set forth.

2. The combination, with the oscillating rubber I J K, provided with the bars P, having slots R and holes T, of the cross-bar O, and the springs S, secured to the said cross-bar O and their free ends adapted to engage with the holes of the bars P, substantially as and for the purpose set forth.

J. P. BENTLEY.

Witnesses:

A. H. MILLS,
J. H. BURRIS.