

Le Roy B. Wheeler,

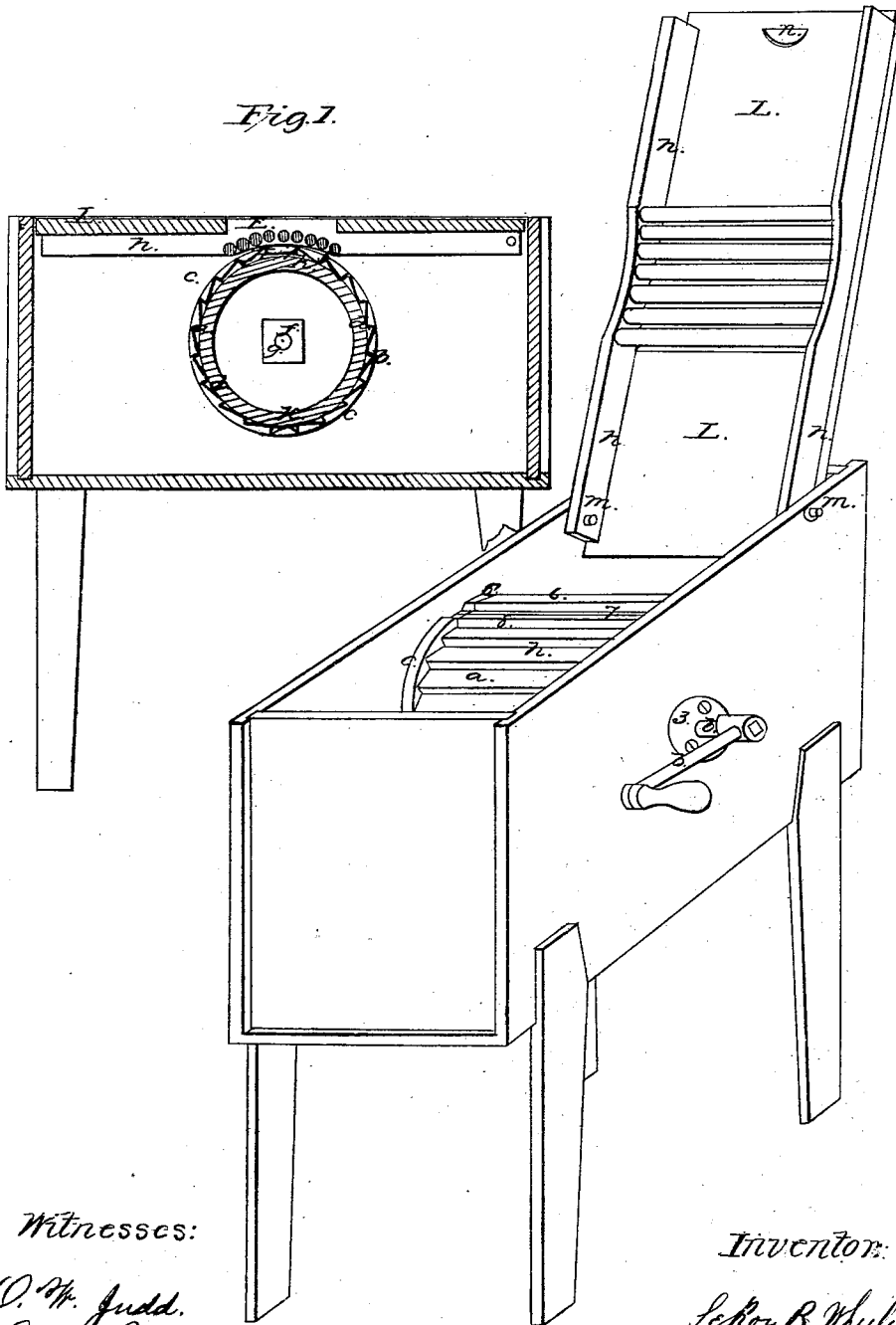
Wash-Board,

Nº 84,597,

Patented Dec. 1, 1868.

Fig. 2.

Fig. 1.



Witnesses:

O. W. Judd.
L. A. Brown.

Inventor:

Le Roy B. Wheeler.

United States Patent Office.

LE ROY B. WHEELER, OF MADISON, WISCONSIN.

Letters Patent No. 84,597; dated December 1, 1868.

IMPROVED WASHING-MACHINE.

The Schedule referred to in these Letters Patent and making part of the same.

To all whom it may concern:

Be it known that I, LE ROY B. WHEELER, of the city of Madison, county of Dane, and State of Wisconsin, have invented certain new and useful Improvements in Washing-Machines; and I do hereby declare that the following is a full and exact description thereof, reference being had to the accompanying drawings, and to the letters and figures of reference marked thereon.

Figure 1 is a longitudinal section, and

Figure 2, a perspective view of my washing-machine, the concave or hinged wash-board being raised in the latter figure.

My invention consists in the employment of a cylinder, on the outer surface of which is a rubber, made of a series of triangular pieces or stops, the smaller sides of each triangle being radial, or nearly so, with the cylinder, said stops or pieces being reversed on the opposite sides of the cylinder, in connection with a concave or set of rollers contained in a hinged board resting on said cylinder, the latter being provided with a string and button, for holding and alternating the clothes to be washed from one set of the angular pieces on the cylinder to the other, so as to wash thoroughly both sides of said garments.

In the accompanying drawings, A is the box, for the reception of the clothes to be washed, made in the usual manner, and supported on the legs L L.

P is a cylinder, which has its bearings in the opposite sides of the box A, and is rotated in either direction by a crank, B', fig. 2.

The cylinder P has on its periphery triangular pieces

or stops, *a* and *b*, which make up the rubber. These stops have their smaller sides radial, or nearly so, with the cylinder, and said stops or pieces are reversed on the opposite sides of the cylinder.

L is a hinged board, or concave, pivoted at *m m* to the longer sides of the box A, and having rollers, E E, arranged concentrically with the cylinder, which rollers fit over the cylinder when the concave is closed. The stops being obliquely inclined towards the concave, allow the concave to retain the garment, stop by stop.

8 is a string, passing over the outer surface of the cylinder in space 7, fig. 2, which string is fastened in its position by a button, or other equivalent means.

When it is thought desirable to rub both sides of a garment, it is done by putting one edge of the garment under the string 8, fig. 2, and alternating the garment from one side to the other by turning the crank B'.

Having thus fully described my invention,

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

The cylinder P, with the stops or triangular pieces *a b*, constructed as described, and provided with a string and button, for holding and alternating the clothes, so as to wash them on both sides, in combination with the concave or rollers E E, all constructed, arranged, and operated in the manner and for the purpose set forth.

LE ROY B. WHEELER.

Witnesses:

LUTHER POLAND,
ORTHELLO M. DAVIS.