

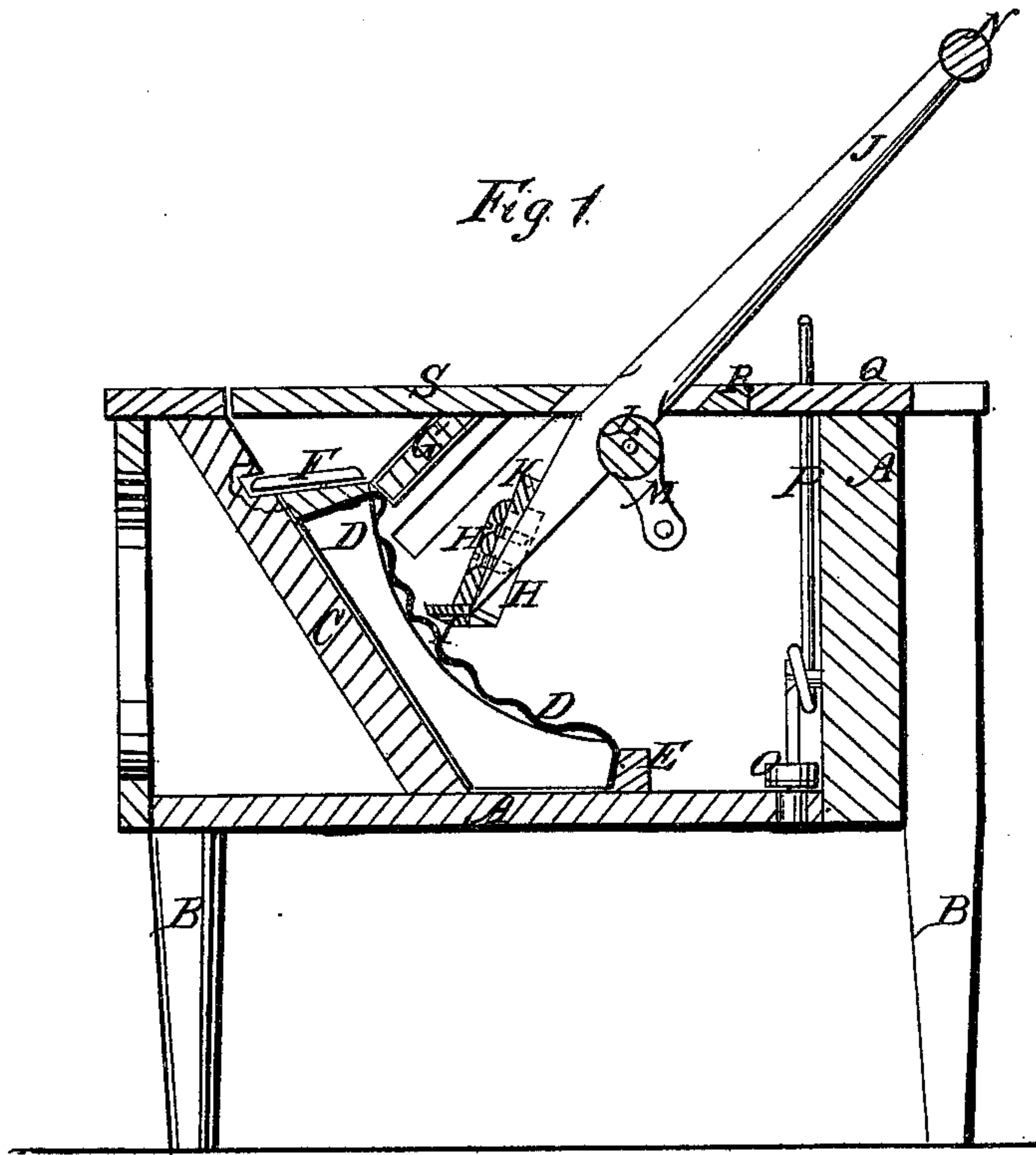
*F. L. Wickham.*

*Washing Machine.*

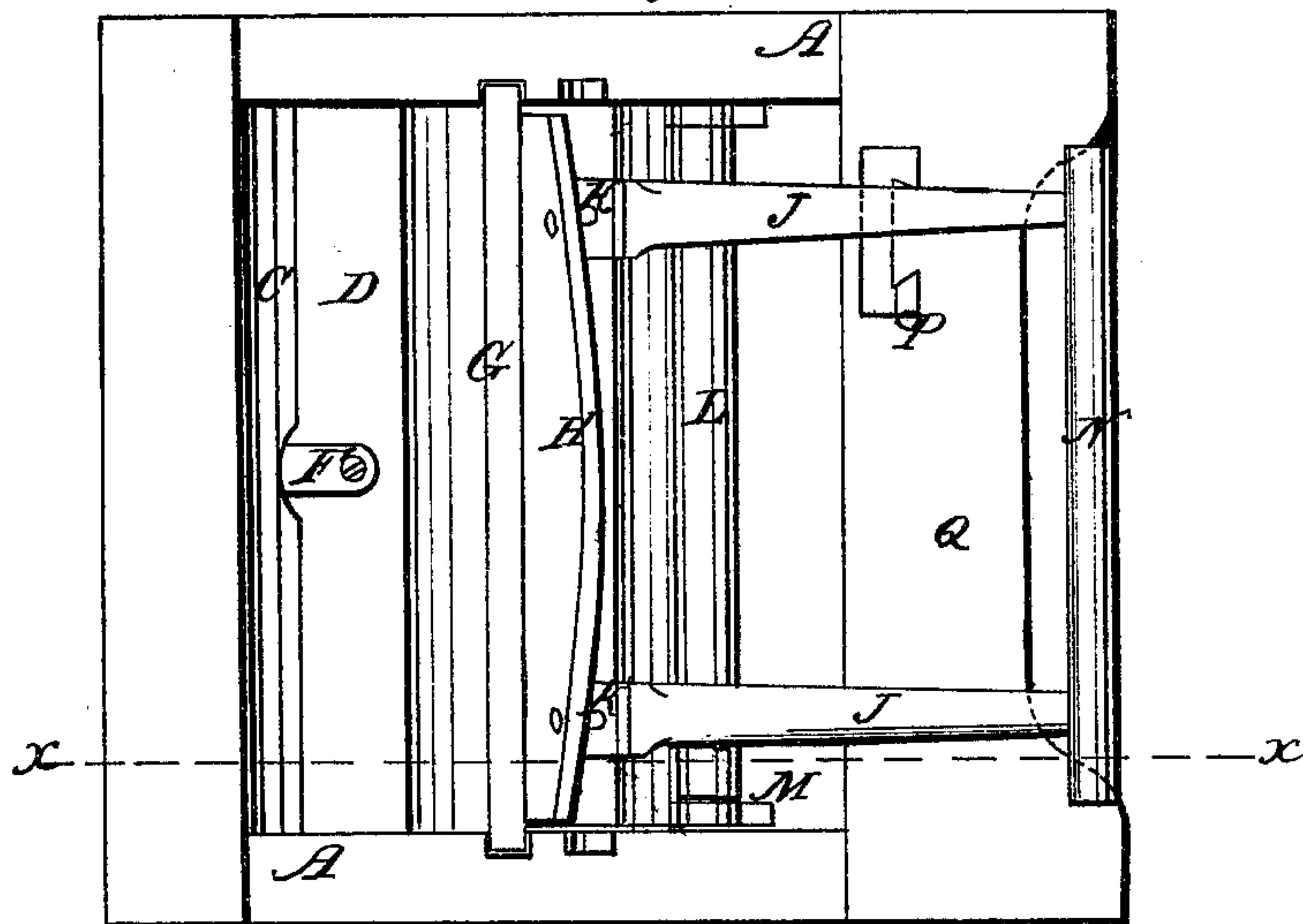
*Nº 91,396.*

*Patented Jan. 15, 1869.*

*Fig 1.*



*Fig 2.*



*Witnesses.*

*J. Hinckman*  
*Geo. Brooks*

*Inventor*

*per F. L. Wickham*  
*Wm. H. [Signature]*

# United States Patent Office.

FLAVIUS L. WICKHAM, OF PAVILION, ILLINOIS.

*Letters Patent No. 91,396, dated June 15, 1869.*

## IMPROVEMENT IN WASHING-MACHINES.

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, FLAVIUS L. WICKHAM, of Pavilion, in the county of Kendall, and State of Illinois, have invented a new and improved Washing-Machine; and I do hereby declare that the following is a full, clear, and exact description thereof, which will enable others skilled in the art to make and use the same, reference being had to the accompanying drawing, forming part of this specification, in which—

Figure 1 is a vertical longitudinal section of my improved machine, taken through the line *x-x*, fig. 2.

Figure 2 is a top view of the same, the detachable parts of the cover being removed.

Similar letters of reference indicate corresponding parts.

My invention has for its object to furnish an improved washing-machine, which shall be simple in construction, effective in operation, and easily operated, doing the work quickly and well; and

It consists in the construction and combination of various parts of the machine, as hereinafter more fully described.

A is the box, or tub of the machine, which is made rectangular in its general form, and is supported upon legs, B, of suitable length.

In the forward part of the box A is secured an inclined board, C, which forms the forward side of the washing-compartment.

The middle part of the forward side-board, of the box A, may be cut away, as shown in fig. 1, to give access to the space beneath the inclined side-board C, forming a convenient reception for various articles which it may be necessary or convenient to have close at hand when washing.

D is the washing-board, the frame of which is so formed as to fit upon the inclined board C and bottom of the box A, as shown in fig. 1, and is kept from getting out of place by a cleat, or cross-bar, E, attached to the bottom of said box.

The washing-board D is made corrugated, and is made concave, or curved, as shown in fig.

The washing-board D is further secured in place by a button, F, pivoted to its upper edge, and turning into a recess in the inclined board C.

G is a board, against which the clothes are pressed by the rubber, and the ends of which enter inclined grooves in the end-boards of the box A. Several sets of grooves should be prepared for the board G, so that it may be raised or lowered, according to the greater or less amount of clothes being operated upon.

H is the rubber, which is made concave upon its

forward side, so as to tend to draw the clothes toward the centre.

To the lower edge of the rubber H is attached a strip of rubber, I, to take hold of the clothes to rub them upon the washing-board D, and to prevent the clothes from being cut or injured while being washed.

The rubber H is adjustably attached to the lower ends of the bars, or levers J, and is adjusted to stand at a greater or less inclination, by slotted wedges, K, inserted between the ends of the rubber H and the forward sides of the bars, or levers J, as shown in figs. 1 and 2.

The bars, or levers are attached to the cross-bar, or shaft L, the ends of which are pivoted to the upper ends of the short bars M, the lower ends of which are pivoted to the end-boards of the box A, as shown in figs. 1 and 2.

The upper ends of the bars, or levers J are connected by the cross-bar N, which serves as a handle in operating the rubber.

In the lower part of the bottom of the box A is formed an opening, for the escape of the water.

This opening is closed with a valve, O, attached to the end of the lower end of the bent lever P, which is pivoted, at its angle, to the side of the box A, and the upper end of which passes up through a slot in the stationary part Q of the cover, which slot is formed with a notch at each end, to receive the said lever, to hold the valve O raised or lowered, as desired.

R and S are the removable parts of the cover, which are kept in place by cleats attached to their lower sides, and which are notched in their adjacent edges, to receive the bars, or levers J, and allow them to be operated.

Having thus described my invention,

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

1. The rubber, formed by the combination of the rubber strip I, curved rubber-board H, bars, or levers J, shaft L, pivoted bars M, and cross-bar, or handle N, constructed and operating substantially as herein shown and described, and for the purposes set forth.

2. The adjustable board G, in combination with the detachable washing-board D, rubber H I J K L M N, and box A, substantially as herein shown and described, and for the purpose set forth.

FLAVIUS L. WICKHAM.

Witnesses:

DANIEL HAIGH,  
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