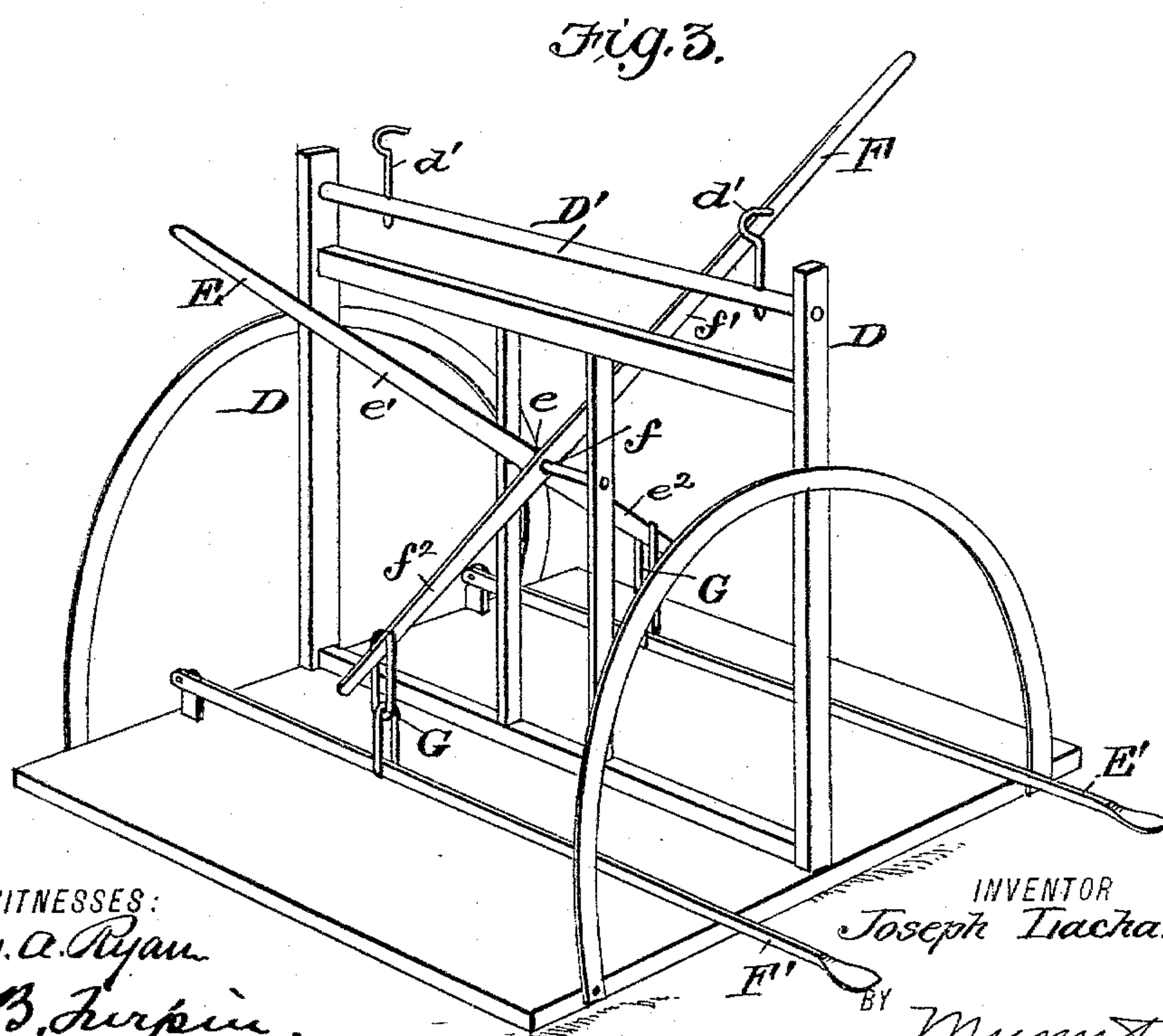
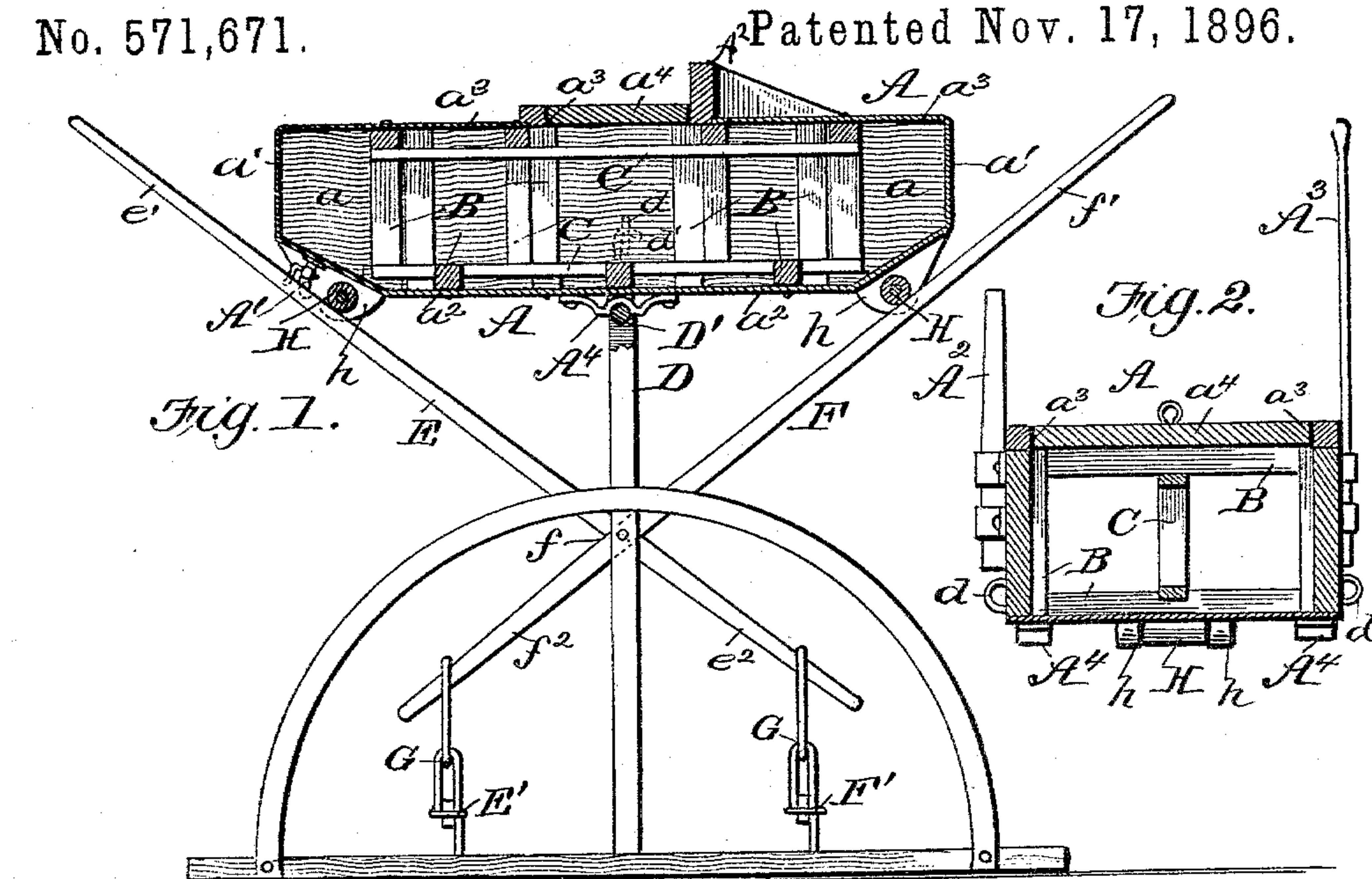


J. LACHANCE.
WASHING MACHINE.

Patented Nov. 17, 1896.



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JOSEPH LACHANCE, OF LITTLE FALLS, MINNESOTA.

WASHING-MACHINE.

SPECIFICATION forming part of Letters Patent No. 571,671, dated November 17, 1896.

Application filed January 8, 1896. Serial No. 574,785. (No model.)

To all whom it may concern:

Be it known that I, JOSEPH LACHANCE, of Little Falls, Minnesota, have invented a new and Improved Washing-Machine, of which the following is a full, clear, and exact description.

My invention relates to an improvement in washing-machines, and has for its object to provide a machine of simple construction, durable, and capable of being conveniently manipulated with comparatively little exertion on the part of the operator.

A further object of the invention is to provide a machine which will expeditiously and effectually wash the clothes without tearing or injuring the same.

The invention consists in the novel construction and combination of the several parts, as will be hereinafter more fully set forth, and pointed out in the claim.

Reference is to be had to the accompanying drawings, forming a part of this specification, in which similar letters of reference indicate corresponding parts in all the views.

In the drawings, Figure 1 is a side view of the machine, the suds-box being shown in section. Fig. 2 is a cross-section of the suds-box, and Fig. 3 is a detail perspective view of the rack or frame.

The body A of the machine is in the form of an elongated suds-box formed with sides a , ends a' , bottom a^2 , and a top a^3 . The sides may be of wood, but the top, bottom, and ends are preferably of galvanized sheet-iron or other suitable metal extending along the lower edges of the sides up along the ends and thence along the top to points short distances on opposite sides of the central inlet-opening a^3 , which may be closed by a wooden or other suitable lid a^4 when the machine is in use and affords means for introducing the water and clothing and for removing the latter, a faucet A' or other suitable draw-off being provided for withdrawing the water. The metal portion may be nailed or otherwise secured to the wooden sides and may be suitably calked or otherwise packed, if necessary.

Within the body I provide rubbing-slats B, arranged near together and extending over the sides, bottom, and top, those slats in the top and bottom being arranged in line with those on the sides, completing the formation of a rubber.

In some instances it may be preferred to divide the box by a central longitudinal partition C, extending from end to end of the box and dividing it into two compartments side by side.

On the body A and preferably at one side of the inlet-opening a^3 I provide a bar A^2 , upon which a wringer may be fastened. A lever A^3 is secured to the side of the body and may be used by hand to aid in operating the machine, as presently described. In practice the body A is supported on a rack or frame D, being pivoted midway between its ends to said frame, preferably by providing upon the said body A bearings A^4 , which rest upon seats on the rack, such seats being preferably provided by a shaft D' , to which are attached hooks d' , which engage staples d on the suds-box, and so hold the body A to the rack. To this rack or frame, preferably below the shaft D' , I pivot two oppositely-arranged levers E and F, such levers being pivoted at e and f , provided with upper arms e' and f' , which engage the opposite ends of the suds-box and have arms e^2 and f^2 connected with treadles E' and F' , preferably by double clevises G, as shown. To provide a sliding or rolling engagement of the arms e' and f' with the body A, I prefer to provide such body at both ends with rollers H, journaled in brackets h . In use the operator by putting his foot upon one or the other lever or on both and working the same will cause the body to rock, the clothes moving alternately from end to end of the body and being cleansed as the operation proceeds, as will be readily understood.

Having thus described my invention, what I claim, and desire to secure by Letters Patent, is—

The combination of the body provided at its ends with rollers and between its ends with bearings, the rack having seats for said bearings, the levers pivoted to said rack and having their upper ends bearing against the end rollers of the body and the treadles connected with the lower ends of said levers substantially as set forth.

JOSEPH LACHANCE.

Witnesses:

ALFRED GERMAIN,
ALPHONSE DUGOS.