

H. W. Connor,

Washing Machine.

No. 101,103.

Patented Mar. 22. 1870.

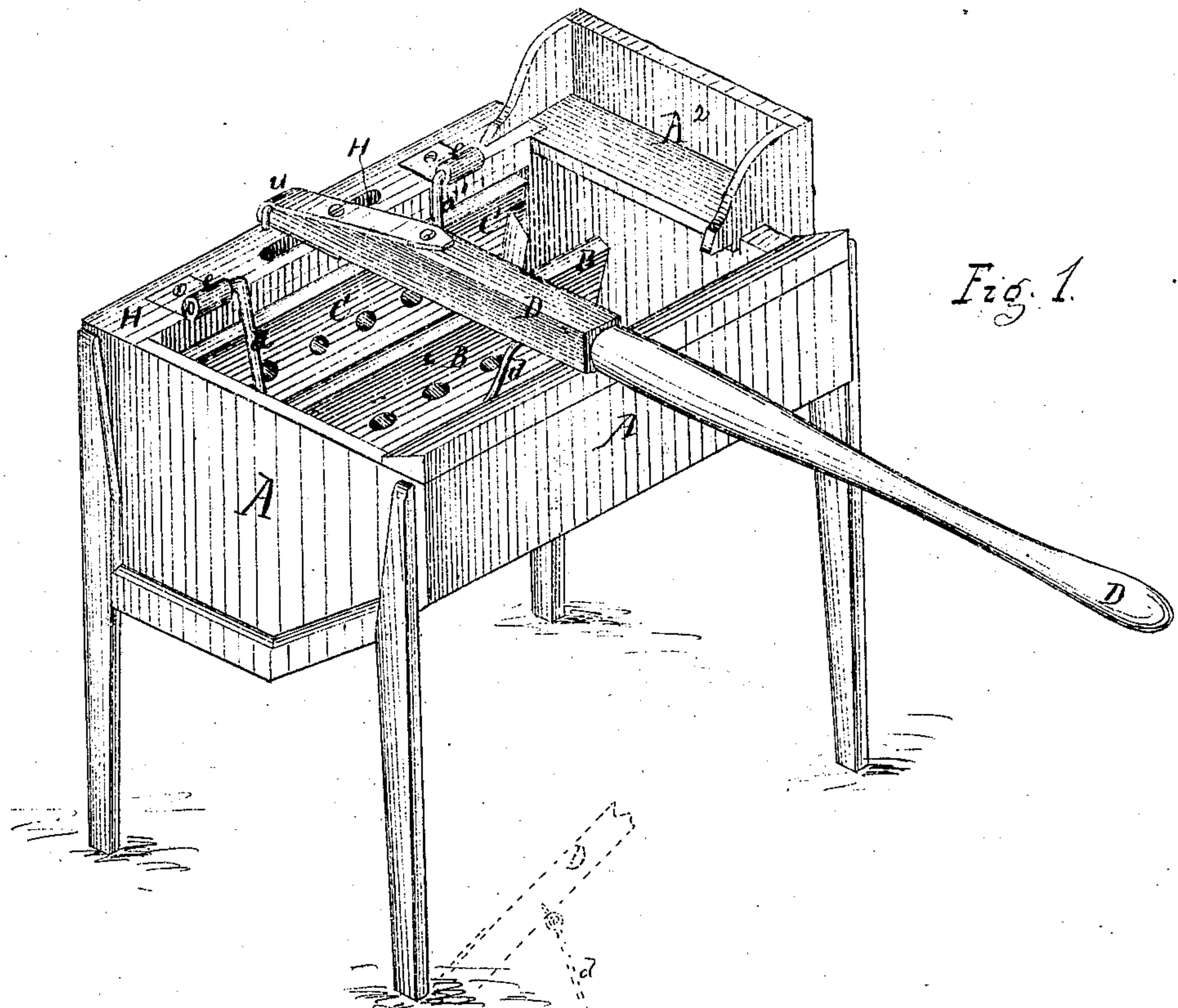


Fig. 1.

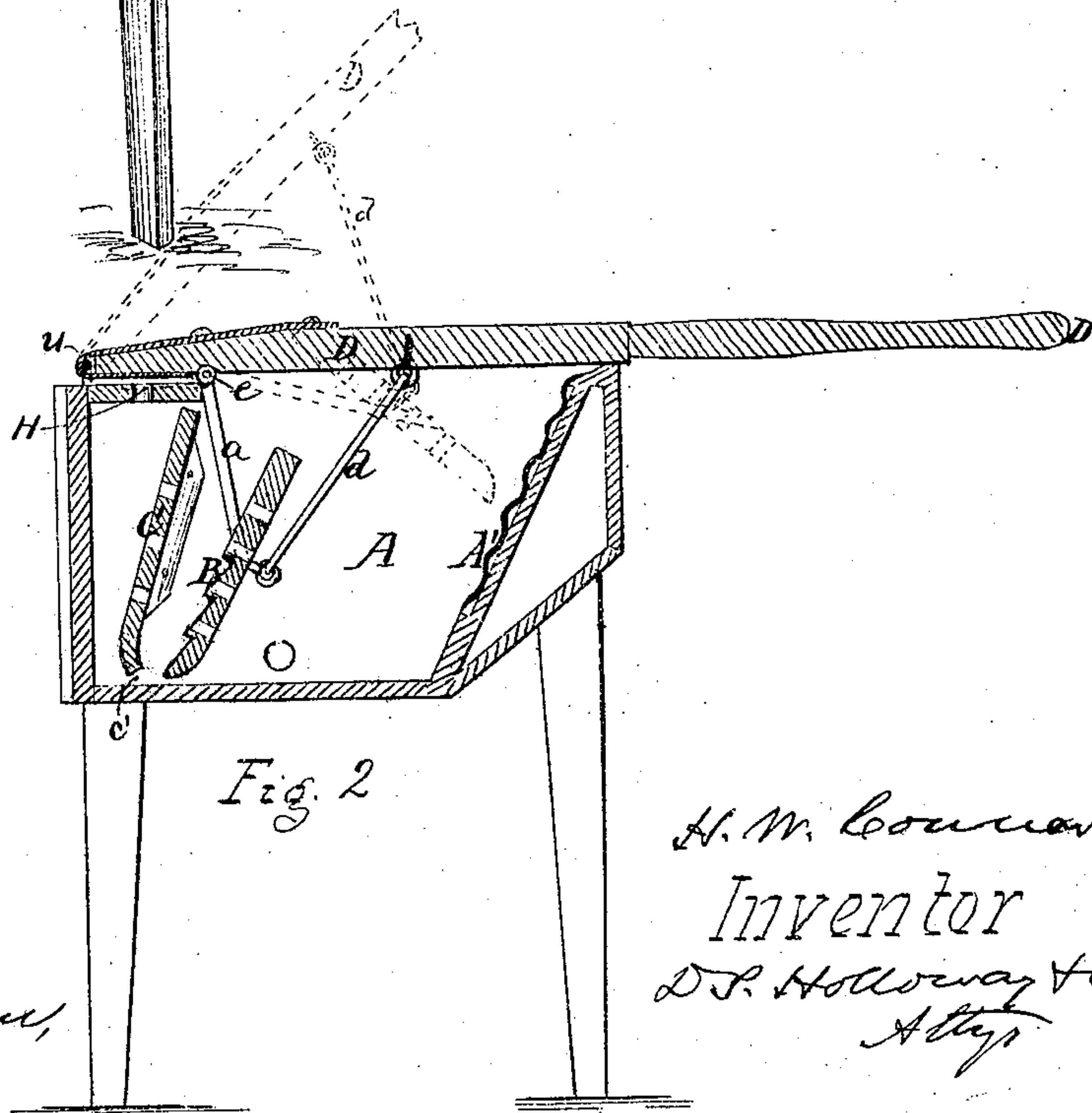


Fig. 2.

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HENRY W. CONNOR, OF RICHMOND, INDIANA.

Letters Patent No. 101,103, dated March 22, 1870.

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, HENRY W. CONNOR, of Richmond, Wayne county, Indiana, have invented a new and useful Improvement 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 making part of this specification, in which—

Figure 1 is a perspective view, and
Figure 2, a vertical section.

The same letters in the different figures refer to corresponding parts of the invention.

This invention relates to washing-machines; and

It consists in the combination and arrangement of the parts, as will be more fully specified hereinafter.

To enable those skilled in the art to make and use my invention, I will proceed to describe its construction and operation.

In the annexed drawings—

A represents the box in which the washing mechanism is arranged, it being mounted on legs, to raise it to a convenient height.

Its top is left open, except at the rear, where it is covered by a narrow strip, H.

The opposite side of the box is made slanting and provided with a rubbing-board, A¹, for convenience in washing some articles that require it, by hand.

Upon one end a frame, A², is attached, suitably constructed to receive a wringer.

C represents the stationary board, against which the clothes are pressed in the operation of washing, it being perforated, to admit of the passage of the water through it. It is arranged in the rear of the box, under the strip H, and so as to leave a suitable space between it and the rear board of the box, and also a small space between its lower edge and the bottom of the box, to permit the water forced through its perforations to flow back into the main chamber. It stands in an oblique position, and its lower portion is

curved forward, for a purpose which will be explained hereinafter.

B represents the perforated plunger or press-board, which is rigidly secured to the bars *a a'*, which in turn are pivoted in sockets *e*, secured upon the strip H of the box.

The side of the plunger facing the stationary board C is made grooved or corrugated, so that it can take hold of the clothes and turn or roll them.

The plunger is operated by means of the lever D, which is fulcrumed on the box at *u*, and connected to such plunger by the link *d d'*, which turns in eye-bolts secured to such lever and plunger.

It will be seen, by reference to fig. 2, that, as a consequence of its arrangement, the perforated plunger gradually changes its position with reference to the stationary board, it being nearly at right angles to it at the beginning of the stroke, as indicated in dotted lines, while at the end of the stroke it is nearly parallel to it.

This movement of the plunger has the effect of turning or rolling the clothes over and over, thus bringing all of them successively into the most favorable position for the action of the water and pressing mechanism.

This turning or rolling is further facilitated by the oblique position of the press-board C, and the construction of its lower end, which is to be curved on the line in which the lower edge of the plunger moves.

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

The stationary perforated press-board C, perforated plunger B, rods *a a'*, links *d d'*, and lever D, when all the parts are constructed and arranged on the box A, and with reference to one another, as herein shown and described.

Witnesses:

JOSEPH RIDGE,
ARTEMAS ROBERTS.

HENRY W. CONNOR.