

C. E. Carter,

Washing Machine.

No. 113,254.

Patented Apr. 4, 1871.

Fig. 1.

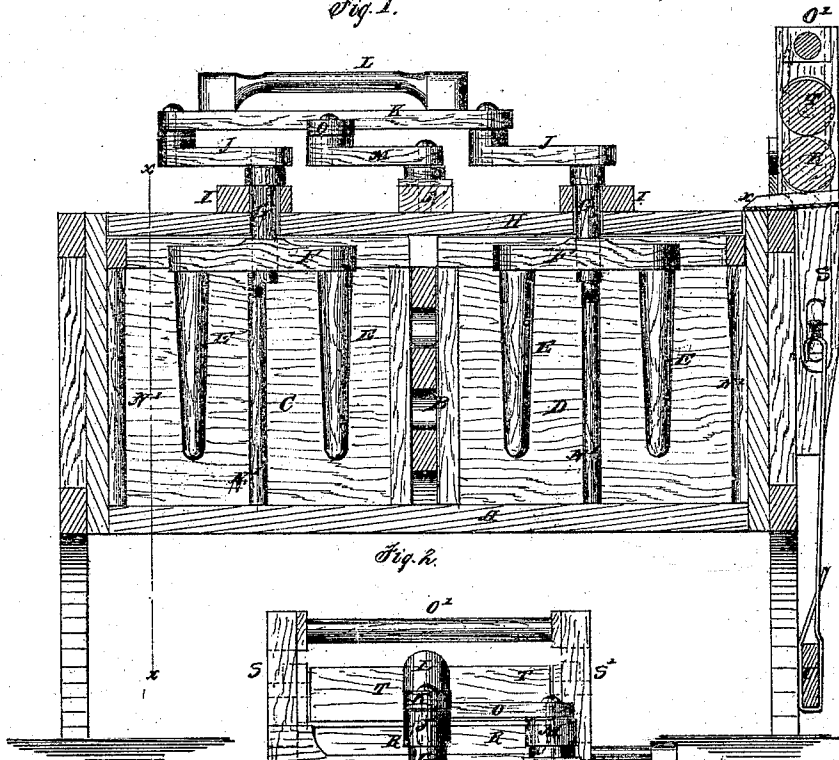
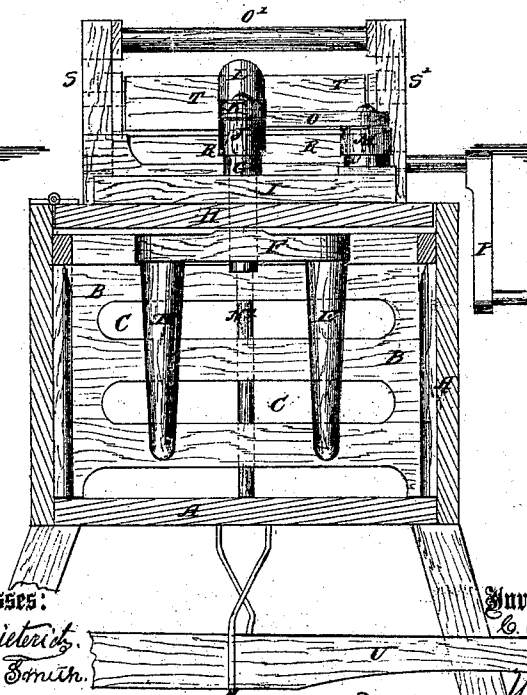


Fig. 2.



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CYRUS E. CARTER, OF MARTINSVILLE, OHIO.

Letters Patent No. 113,254, dated April 4, 1871.

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, CYRUS E. CARTER, of Martinsville, in the county of Clinton and State of Ohio, have invented a new and useful 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.

This invention relates to new and useful improvements in machines for washing clothes, whereby convenience, ease of action, and expedition are secured; and

It consists in the construction, arrangement, and combination of parts hereinafter described and set forth.

Figure 1 represents a longitudinal vertical section of the machine.

Figure 2 is a vertical cross-section of fig. 1, taken on the line $x\ x$.

Similar letters of reference indicate corresponding parts.

A is the box, which is of rectangular form, and of suitable depth, divided into two compartments by a slotted partition, B, or by a partition with openings, to allow the water or suds to pass from one compartment to the other.

In each of the compartments, which are marked in the drawing C and D, vertical fingers E are made to revolve. These fingers are rigidly attached to the horizontal heads F F, which heads are in turn rigidly attached to the vertical shafts G G. These shafts pass through the cover H of the machine, and rest on shoulders on the cleats I I, as seen in the drawing.

J J are cranks on the upper ends of the shafts, which cranks are connected together by the bar K.

The power is applied to this bar by means of the handle L, so that the shafts and fingers revolve simultaneously and with a uniform motion.

The bar K is connected with another crank, M, which works on a pin on the cleat N.

O is an arm attached to the under side of the bar K. The end of the crank M is connected with the arm O by a wrist-pin.

The crank M is of the same length or stroke as the cranks J J, and its revolution with the other crank serves to steady the motion and render it more uniform.

The cover H is hinged at one side, and the operating parts of the washer being attached thereto when the cover is raised, the fingers are lifted out of their compartments, when the latter are left clear for the introduction of the clothes to be washed or for other purposes.

On the inside of the compartments are vertical cleats N', more or less in number, attached to the sides and the ends for the purpose of retarding the motion of the clothes as they are revolved by the fingers.

Having thus described my invention,

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

The box A, divided by partition B, the vertical revolving fingers E, rigidly attached to heads F F, and thereby connected to shafts G G, the crank-mechanism J K L M N O, and the hinged cover H, all combined and arranged as and for the purpose specified.

CYRUS E. CARTER.

Witnesses:

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