

S. W. Curtiss. Washing Machine.

Fig 1.

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PATENTED
DEC 10 1867

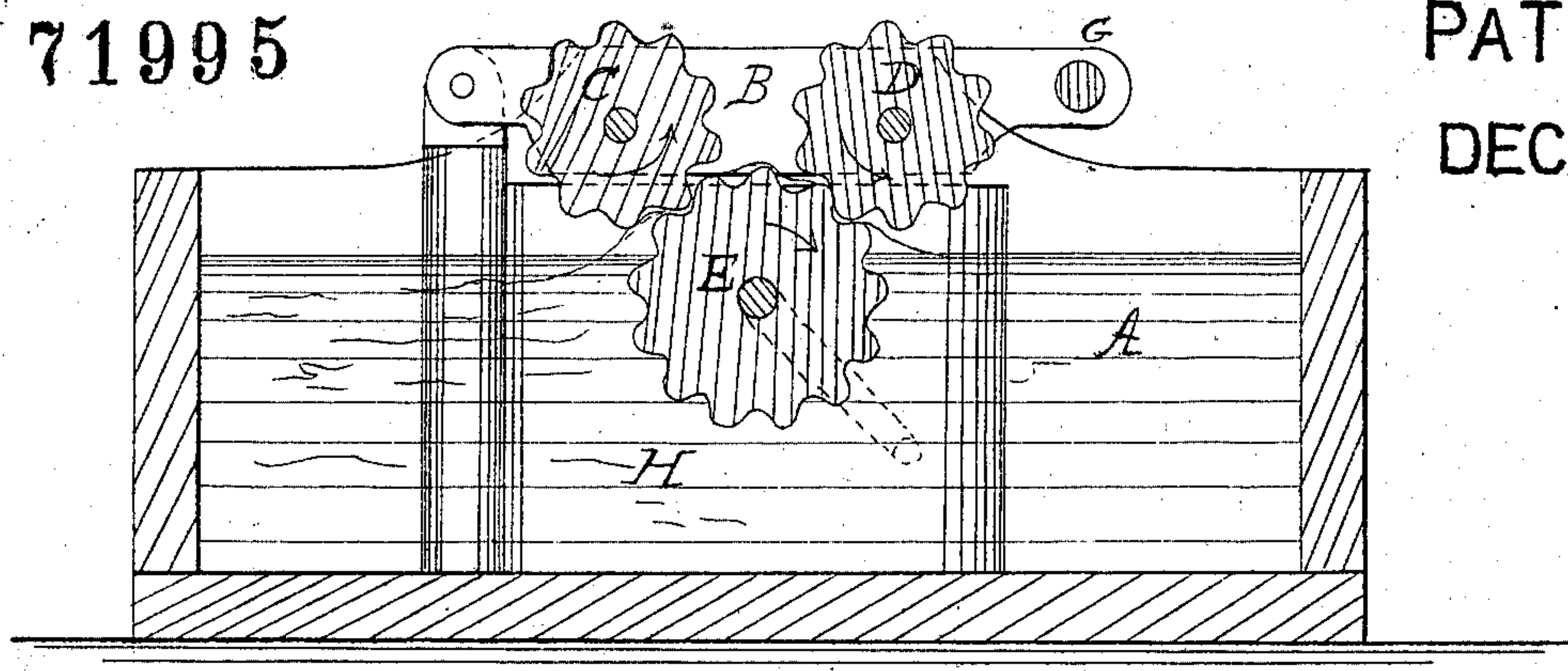
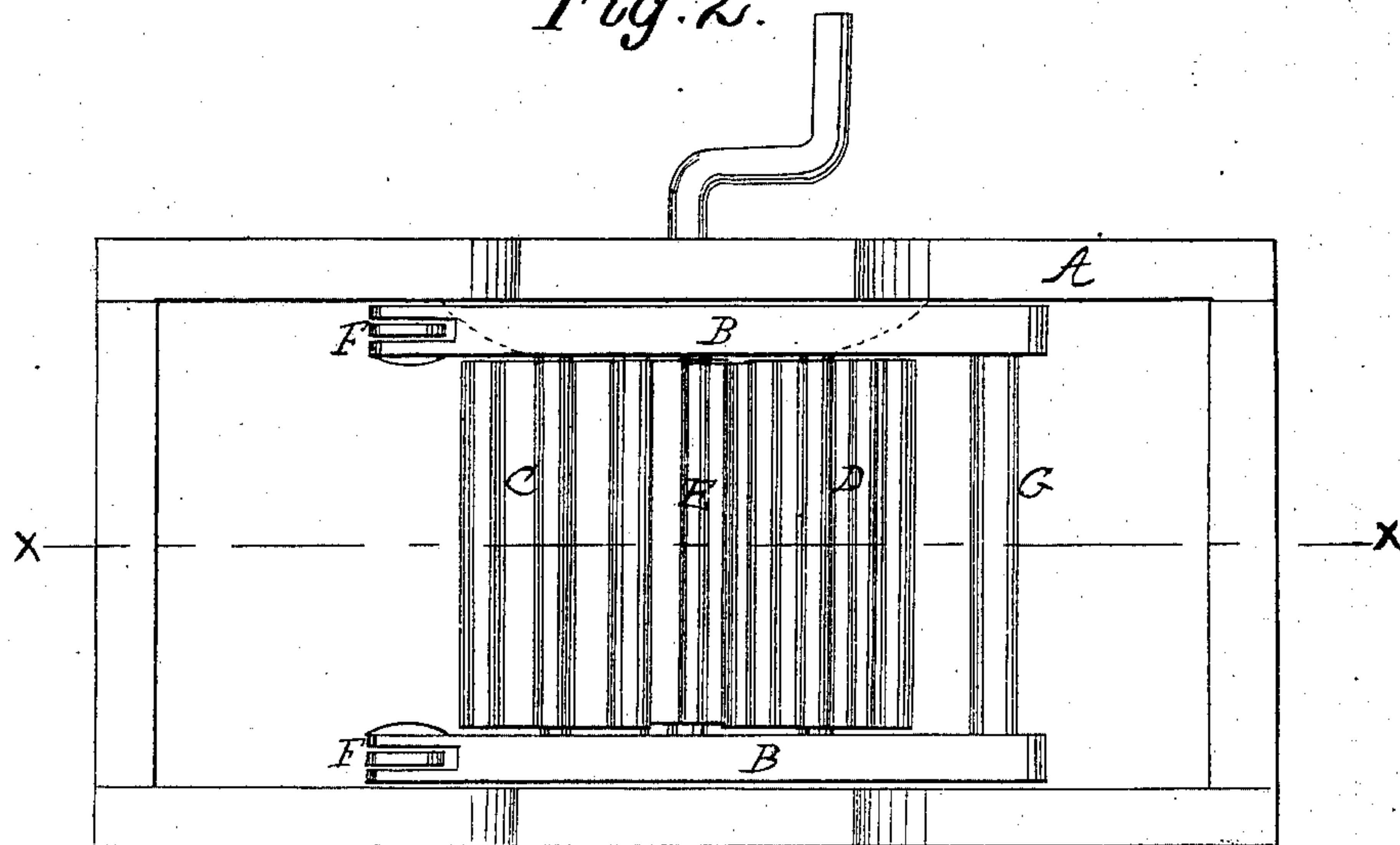


Fig. 2.



Witnesses:
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S. W. CURTISS, OF SUGAR GROVE, PENNSYLVANIA.

Letters Patent No. 71,995, dated December 10, 1867.

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, S. W. CURTISS, of Sugar Grove, in the county of Warren, and State of Pennsylvania, have invented a new and useful Improvement in Washing-Machines; 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 my invention, reference being had to the accompanying plate of drawings, forming a part of this specification.

This invention relates to a new and improved method of constructing washing-machines, and the invention consists in the arrangement of three fluted rollers in a suitable washing-box or vessel, in the manner herein-after described.

Figure 1 is a sectional side view of the machine, showing the rollers and the manner of their arrangement, the section being through the line *x x* of fig. 2.

Figure 2 is a top or plan view of the same.

A represents the vessel or washing-box. B is a frame, to which two of the rollers are attached by pivots so that they are free to revolve. These two rollers are marked C and D. E is the third roller, which is attached to the box A, with a pivot or journal at one end, and with a crank-journal at the other end, as seen in the drawing. In the operation of washing, this roller is revolved by hand with the crank. The frame B is hinged at one end to stands, which are attached to the inner sides of the machine, as seen at F F in the drawing. G is a bar which connects the two sides of the frame together at the other end, and which serves as a handle by which to press down the rollers, or to lift them up.

The operation is readily understood from the drawing. The two smaller rollers, C and D, are raised up from the roller E, and the clothes to be washed are laid or spread on the roller E, when the two smaller rollers are brought down and pressed upon the clothes with as much force as may be desired, the roller E being at the same time revolved, or partially revolved, back and forth, with a sufficiency of water in the machine.

As will be seen, the rollers are not as long as the machine is wide, as the frame B shuts down, on the inside, on to the edges of pieces which are attached to the sides. A side view of one of these pieces is seen in fig. 1, marked H.

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

An improved washing-machine, consisting of the box A, provided with blocks H and roller E, the hinged frame B having rollers C D, and handle G, all constructed, arranged, and operating as and for the purpose set forth.

The above specification of my invention signed by me, this 2d day of September, 1867.

S. W. CURTISS.

Witnesses:

H. J. CARL,

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