(No Model.)

E. A. EGELSTON.

WASHING MACHINE.

No. 411,494. Patented Sept. 24, 1889.

Fig. 1.

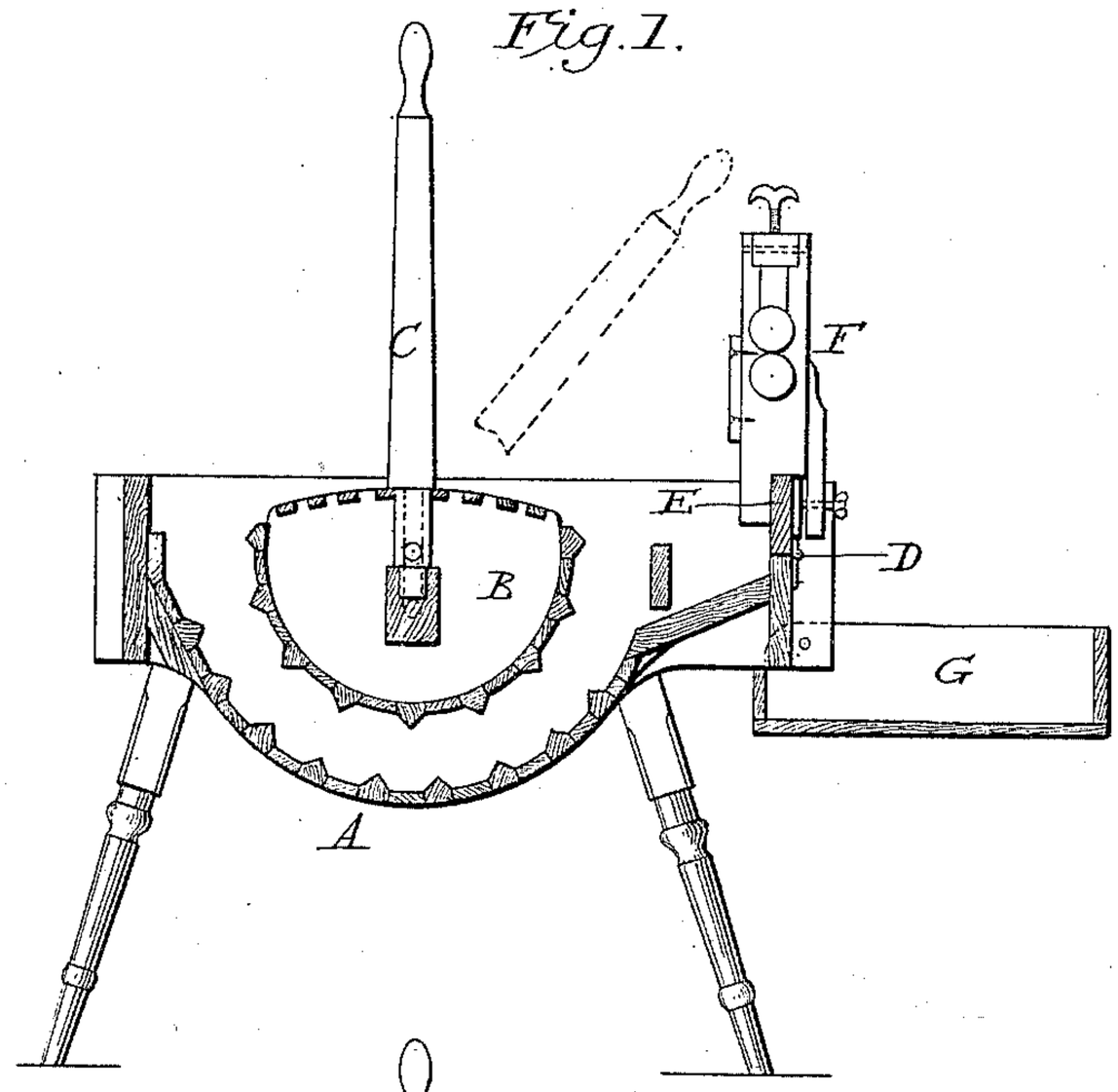


Fig. 2

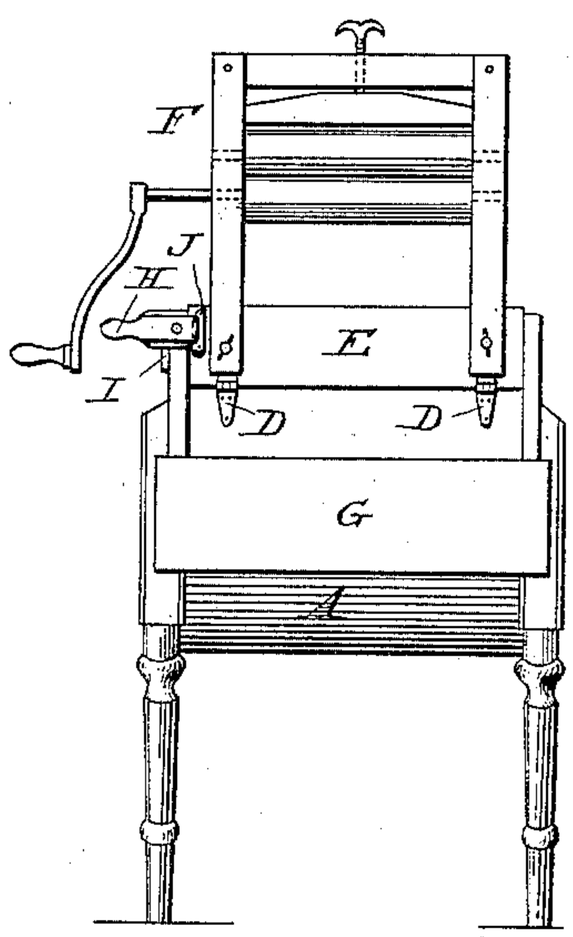


Fig. 3.

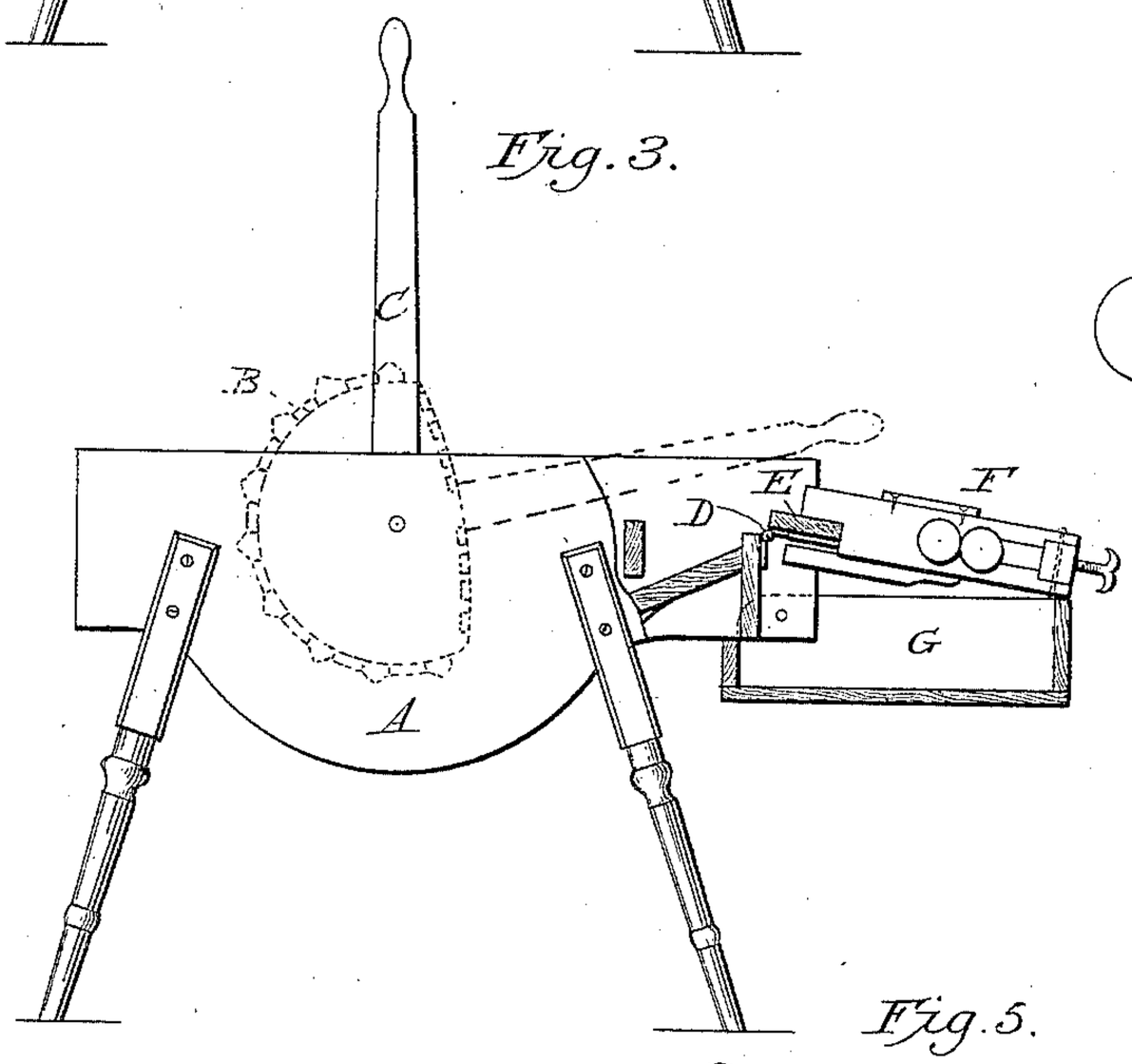


Fig. 4

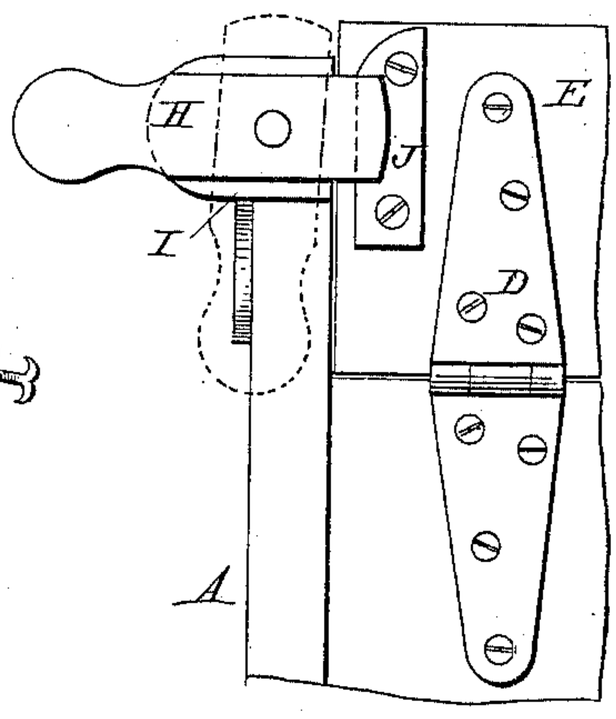
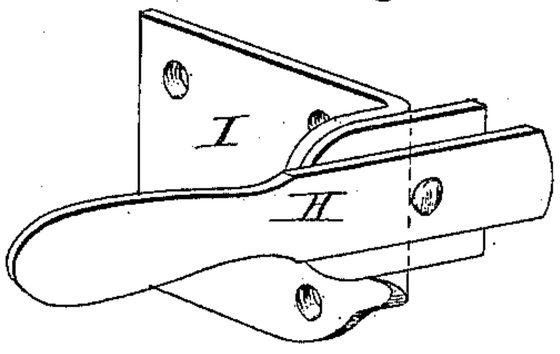


Fig. 5.



Attest:

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UNITED STATES PATENT OFFICE.

EDGAR A. EGELSTON, OF ALBION, NEW YORK.

WASHING-MACHINE.

SPECIFICATION forming part of Letters Patent No. 411,494, dated September 24, 1889.

Application filed April 8, 1887. Serial No. 234,211. (No model.)

To all whom it may concern:

Be it known that I, EDGAR A. EGELSTON, of the town of Albion, Orleans county, New York, have invented certain new and useful Improvements in Washing-Machines, of which the following is a clear and exact description, making a complete specification of said improvements.

My invention relates to washing-machines; and it consists in the combination, with the frame of the machine, of a wringer and its frame and means, substantially such as shown, whereby the wringer-frame may be swung down out of position, so as not to interfere with the proper operation of the washing-machine.

In the drawings, Figure 1 is a vertical sectional view of my improved machine, showing the wringer in position for use; Fig. 2, an end view of the same; Fig. 3, a side view, partly in section, showing the wringer thrown down out of the way to permit the use of the washing-machine; and Figs. 4 and 5, enlarged views illustrating the construction of the catch by which the wringer-frame is held in position.

A indicates the tub of the machine, and B the rubber journaled therein and provided with the operating handle or lever C, all of which parts, as they form no part of the present invention, may be modified, as desired.

Secured to one of the end bars of the tub A by means of hinges D is a cross-bar E, to which is secured in any suitable manner the wringer F. At the same end of the tub to which the wringer is applied there is a box or receptacle G, which is adapted to receive the clothes which fall from the wringer, and which in the present instance is also adapted to support the wringer when not in use, as shown in Fig. 3.

When the wringer is in its upright position, as shown in Figs. 1 and 2, it is obvious that it will be in the way of the movements of the lever C, and it is to obviate this difficulty that the wringer is hinged or pivoted to the tub or receptacle in such manner as to permit it to be swung backward out of the way, as shown in Fig. 3.

To hold the wringer in its upright position, I employ an arm or lever H, which is secured to a plate or bracket I, secured by means of screws, or in any other convenient manner, to the side wall of the tub or receptacle, as shown in Figs. 2, 4, and 5, the inner end of the arm or lever H, bearing against a plate J, secured to the outer face of the cross-bar E, to which the wringer is secured.

When it is desired to throw the wringer backward to the position indicated in Fig. 3, the arm or lever H is turned upon its pivot to the position indicated by dotted lines in Fig. 4, and as its inner end is then withdrawn from engagement with the plate J on the cross-bar the latter is free to fall or move backward.

I am aware that the combination of a washing-machine and a wringer is not new with me, and I am also aware that a wringer has been mounted upon a hinged frame or support, and to these features, separately considered, I make no claim; but,

Having thus described my invention, what I do claim is—

1. In combination with the tub or receptacle A of a washing-machine, a cross-bar E, hinged thereto, a wringer F, secured to said cross-bar, and a locking device holding the wringer in operative position, substantially as shown.

2. In combination with the tub or receptacle A of a washing-machine, a cross-bar E, hinged thereto, a wringer F, secured to said cross-bar, and a receptacle G, also secured to the tub or receptacle and adapted to receive and support the wringer when thrown out of operative position.

3. In combination with tub or receptacle A of a washing-machine, cross-bar E, hinged thereto, wringer F, secured to said cross-bar, and a lever H, pivoted to the tub or receptacle and adapted to lock the cross-bar in position.

4. In combination with tub or receptacle A of a washing-machine, cross-bar E, hinged thereto, wringer F, secured to said cross-bar, a plate J, applied to the outer face of the cross-bar, a plate I, secured to the tub or receptacle, and a lever H, pivoted to the plate I and adapted to engage the plate J.

EDGAR A. EGELSTON.

Witnesses:
HENRY DONNELLY,
W. P. L. STAFFORD.