

J Keane,

Washing Machine.

N^o 50,873.

Patented Nov. 7, 1865.

Fig. 1.

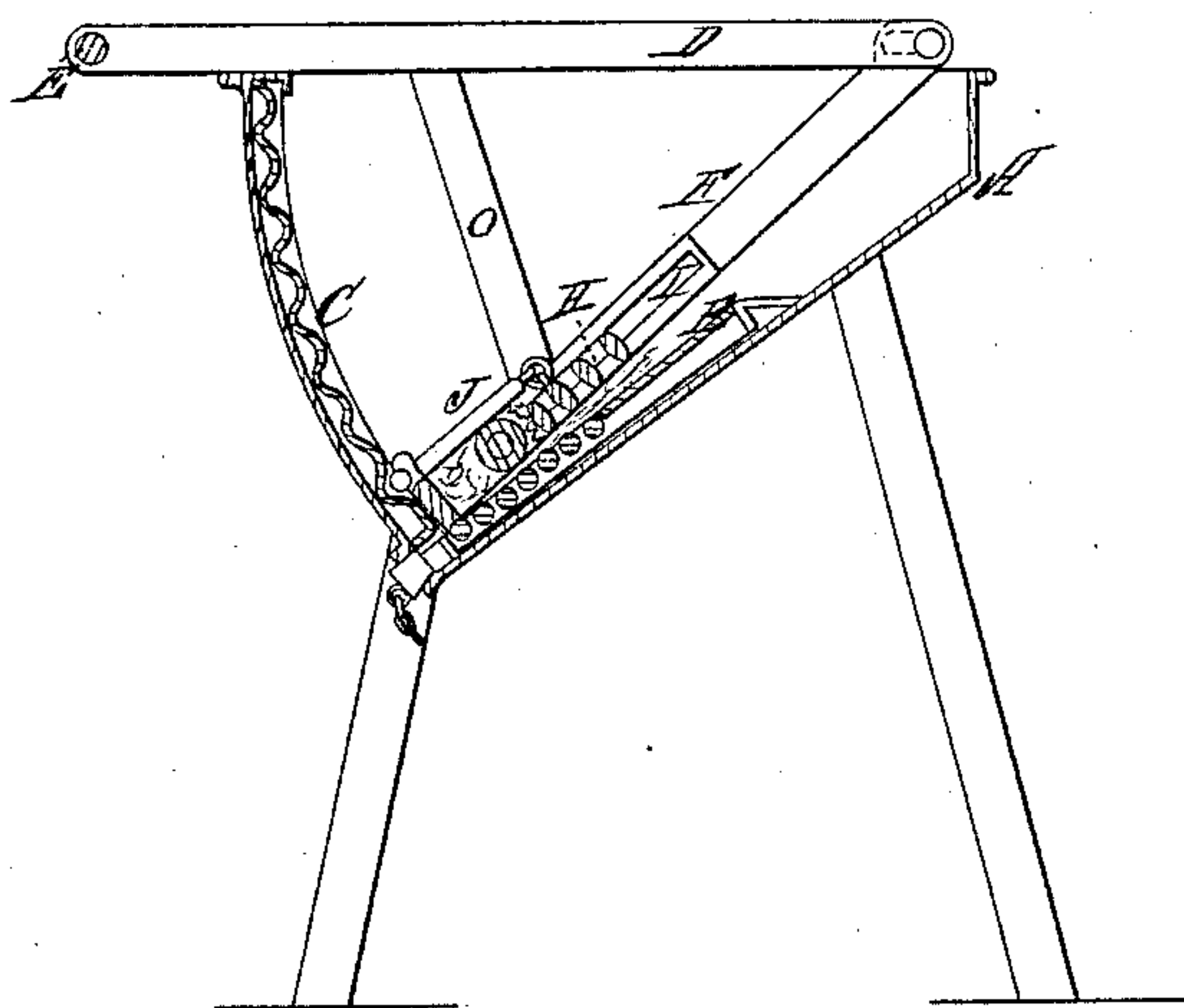
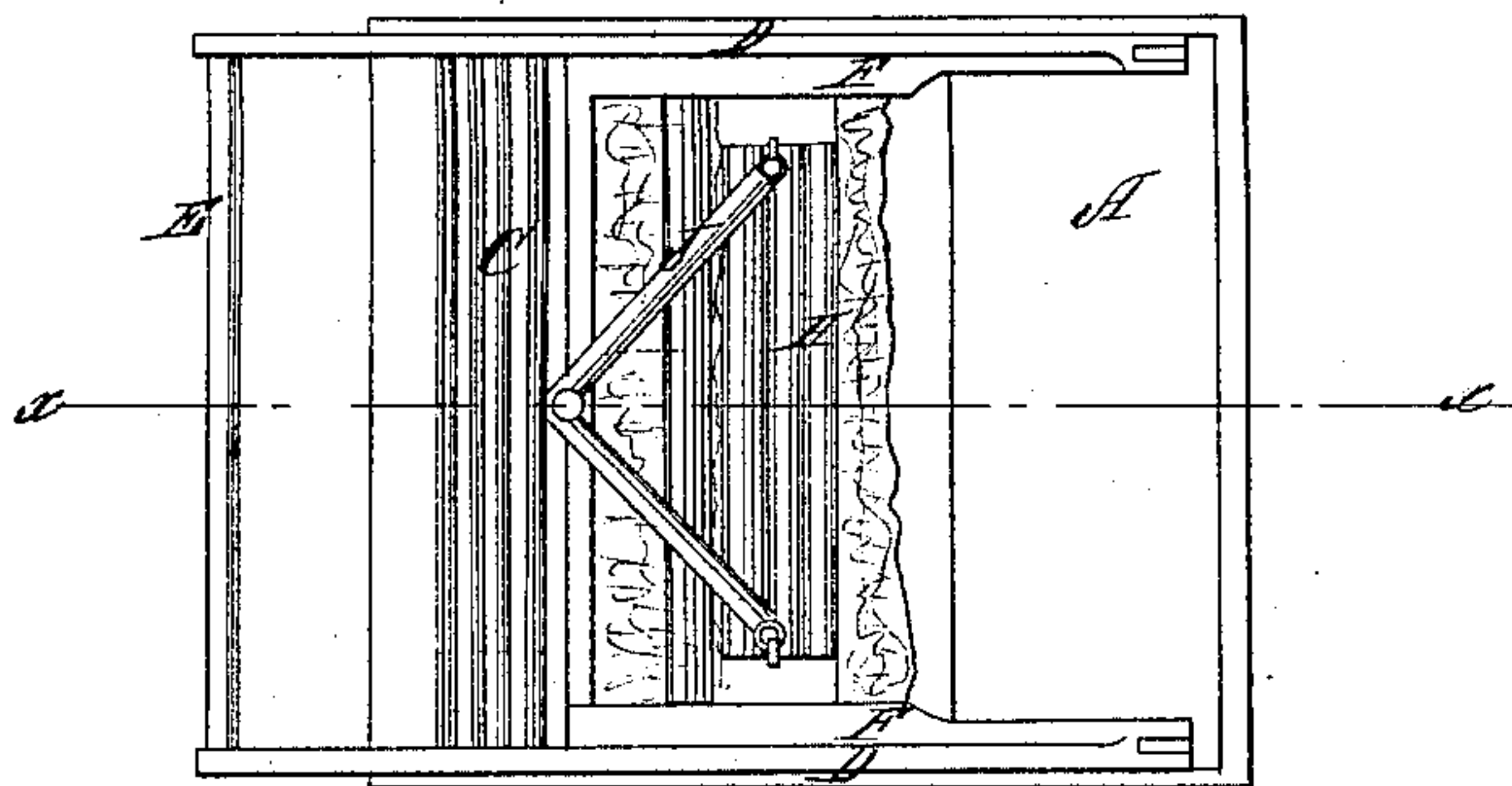


Fig. 2.



Witnesses:

*Wm. Brewin
Geo. Lusch*

Inventor:

*J Keane
Byllum & Co
Atty*

UNITED STATES PATENT OFFICE.

JOHN KEANE, OF NEW YORK, N. Y., ASSIGNOR TO HIMSELF AND WILLIAM J. SUGDEN, OF SAME PLACE.

WASHING-MACHINE.

Specification forming part of Letters Patent No. 50,873, dated November 7, 1865.

To all whom it may concern:

Be it known that I, J. KEANE, of the city, county, and State of New York, 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 those skilled in the art to make and use the same, reference being had to the accompanying drawings, forming part of this specification, in which—

Figure 1 is a sectional elevation on the line *x* in Fig. 2. Fig. 2 is a plan view of a washing-machine made according to my invention.

Similar letters of reference indicate corresponding parts.

The object of this invention is to produce a washing-machine which will be of real advantage to a household, not only in saving labor and time, but also in preserving clothes.

A designates the body of the machine. It is placed on legs of suitable height, as shown.

In the inside and bottom of the machine, and fastened down by means of buttons, is a false bottom, B, with slotted openings across it to admit the water to pass in and out freely, and to accelerate rubbing and pounding. On the false bottom, and against the front of the machine, is an arc-shaped wash-board, C, the lower part of which is provided with slotted openings, the same as on the bottom, and for a like purpose.

On the top and sides of the machine is a frame, F, consisting in part of two levers, fastened to the body A by means of clamps and bolts at the one end, so as to be capable of a little motion lengthwise of the box, the other ends of which are firmly held together by the cross-bar E; as shown. To the levers are attached, by means of uprights O, the washing-frame F, which is provided with a roller, G, and dasher H, fitted in grooves I in the frame and made movable back and forth. The dasher is provided with an elastic spring, J, and the front bar of the frame with a button, K, on which to fasten the spring.

In front of the machine is shown an outlet, L, to which is fitted a cork or plug.

The operation is as follows: Take hold of

the levers with both hands by the cross-bar in front; raise the washing-frame to the top of the machine, pull slightly forward, which will cause the frame to rest on the wash-board; push open the dasher in the grooves, and put the clothes on the roller from the top or bottom of the frame, and pass one end over the roller and down again in front; pull the dasher against the clothes and button the spring; push back on the handle, and the frame will fall into the machine. Now operate up and down as many times as your think necessary, and then pull up the frame again, push back the dasher, and roll the clothes farther over the roller, and operate as before. To turn the clothes to the wash-board without taking them off the roller, disengage the roller from the grooves with the clothes held on, turn end for end, and place it in the grooves again. In washing shirts, &c., place them on the roller with the bosoms and wristbands against the wash-board. One movement on the roller for such pieces is sufficient. For longer pieces, such as bed-coverings, two or more movements may be necessary. When the pieces are washed, drop them into the machine and turn over the washing-frame altogether, if you like. To give room to examine the clothes to see that no stains are left unwashed, have no clothes but those on the roller under the dasher while you wash.

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

1. In washing-machines, the dasher, H, fitted at its ends to move in grooves in the frame F, substantially as shown, in combination with the said frame, substantially as described.

2. The dasher constructed and operated as described, in combination with the roller G, substantially as above shown.

3. The vibrating frame F, which carries the dasher H and roller G, in combination with the fixed wash-board C, substantially as described.

JOHN KEANE.

Witnesses:

M. M. LIVINGSTON,

WM. T. McNAMARA.