

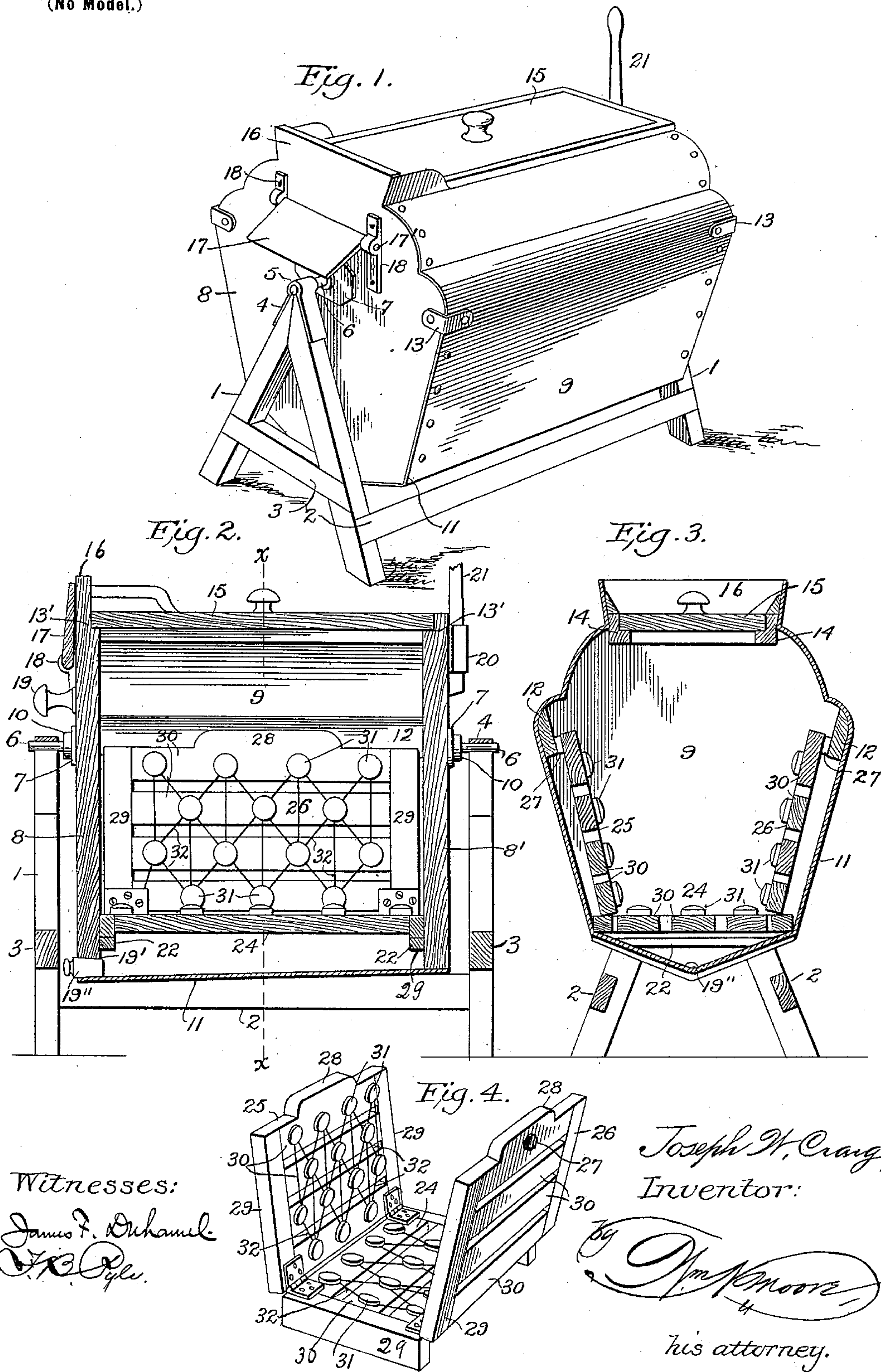
No. 607,424.

Patented July 19, 1898.

J. W. CRAIG.
WASHING MACHINE.

(Application filed Dec. 1, 1897.)

(No Model.)



UNITED STATES PATENT OFFICE.

JOSEPH W. CRAIG, OF PAULDING, OHIO.

WASHING-MACHINE.

SPECIFICATION forming part of Letters Patent No. 607,424, dated July 19, 1898.

Application filed December 1, 1897. Serial No. 660,412. (No model.)

To all whom it may concern:

Be it known that I, JOSEPH W. CRAIG, a citizen of the United States, residing at Paulding, in the county of Paulding and State of Ohio, have invented certain new and useful Improvements in Washing-Machines, of which the following is a specification, reference being had therein to the accompanying drawings.

My invention relates to improvements in washing-machines, and has special reference to that class of washing-machines known as "swinging" or "rocking" machines.

The main object of my invention is the provision of a rocking or swinging washing-machine which is supported upon standards and has outlet and inlet openings for the water and a means to swing or rock the receptacle on its axis, a machine which will thoroughly wash the clothes in a thorough and speedy manner, and which is very simple, durable, and inexpensive, thus producing a machine of this character which is useful and practical for the intended purpose.

To attain the desired objects, the invention consists of a clothes-washing machine embodying novel features of construction and combination of parts, substantially as disclosed herein.

Figure 1 represents a perspective view of my improved clothes-washing machine. Fig. 2 represents a vertical central sectional view thereof. Fig. 3 represents a sectional view taken on line *xx* of Fig. 2, and Fig. 4 represents a perspective view of my improved washing mechanism removed from the receptacle.

In the drawings the numeral 1 designates the triangular standards, and 2 designates the horizontal brace-rods joining the two standards together, and to more securely hold the legs of the standards in position I employ the short braces 3, and at the top or apex of the standards I secure a triangular metal brace 4, having the circular bearing or journal 5 at their apices. Journaled in these bearings are the axles 6, which are formed on the plates 7, which are secured to the ends 8 and 8' of the clothes-receptacle 9, and to adjust the axles or keep the receptacle from coming

in contact with the standards the washers or nuts 10 are placed on the axles between the receptacle and standards.

The clothes-receptacle consists of the ends 8 and 8' and the one piece 11, composing the sides and concave bottom, the whole being riveted to the ends of the receptacle. To hold the ends apart and also to keep the shape of the sheet-metal sides and bottom, I employ the braces or rods 12, which are held in place by means of the angle-braces 13, which are on the outside of the receptacle.

The receptacle has an opening at the top, around which fit the grooved edges 13' of the ends 8 and 8' and the grooved side pieces 14, in which grooves fits the rectangular top or cover 15. The top edge of the end 8 of the receptacle is extended upward to form the wringer-attaching board 16, and under which and upon said end is the clothes-guiding platform 17, having its pivots 17' journaled in the brackets 18, which are secured to the end, and to keep the platform from swinging too low I provide the stop 19, secured in the end between the brackets 18, and near the bottom is the outlet-opening 19', in which is adapted to fit the plug 19". Upon the end 8' I secure the cleat 20 for the reception of the handle 21, which is operated to rock the receptacle upon its axis.

Secured to the brace-rods 22, inside of the receptacle, is the three-part washing mechanism 23, which consists of the stationary section 24 and two hinged sections 25 and 26, each hinged on the opposite side of the stationary section and adapted to swing back and forth alternately as the receptacle is swung or rocked, and to keep the hinged sections from injuring the sides of the receptacle I employ the rubber bumpers 27, which are secured to the short strips 28, secured upon the upper edges of the hinged sections. These sections 24, 25, and 26 each consist of the end strips 29 and the lengthwise strips 30, and upon these strips 30 are secured the knobs 31, and the wire 32 is wound around to form the network, and thus not allow the clothes to slide between the strips to the space below.

It will also be seen that the bottom of the

receptacle is slanting in order that the water and dirt from the clothes may be very readily drawn off.

From this description, in connection with the drawings, it is very readily seen that I provide a device for the purpose named which is very easily understood and operated; but to more clearly illustrate it I will state, in brief, its operation: The water, with a little shaved soap, is first placed in the receptacle, and then the clothes are placed therein, the lid is placed over the opening, and the receptacle is then rocked by means of the handle, although any other power, if desired, may be used. The hinged ends or sections of the washing mechanism are then swung from one side to the other alternately and simultaneously with the rocking of the receptacle until the clothes are washed, when they may be passed through the wringer attached to the wringer-board, and the clothes are then ready to be starched or hung to be dried.

From this construction it will be seen that

I provide a clothes-washing machine which will operate and clean the clothes in a perfect manner and which is easily operated and which is very simple, durable, and cheap of construction, thus rendering it both useful and practical.

I claim—

A washing-machine, consisting of the supporting-standards, the receptacle swingingly mounted between said standards, means for rocking said receptacle, and a washing mechanism arranged in the receptacle, consisting of one stationary central section and two hinged swinging sections secured to opposite sides of the stationary section and adapted to swing alternately as the receptacle is rocked to wash the clothes.

In testimony whereof I affix my signature in presence of two witnesses.

JOSEPH W. CRAIG.

Witnesses:

P. W. STUMM,
W. F. CORBETT.