

No. 612,850.

Patented Oct. 25, 1898.

C. A. LATHAM.  
WASHING MACHINE.

(Application filed Nov. 19, 1897.)

(No Model.)

Fig. 1.

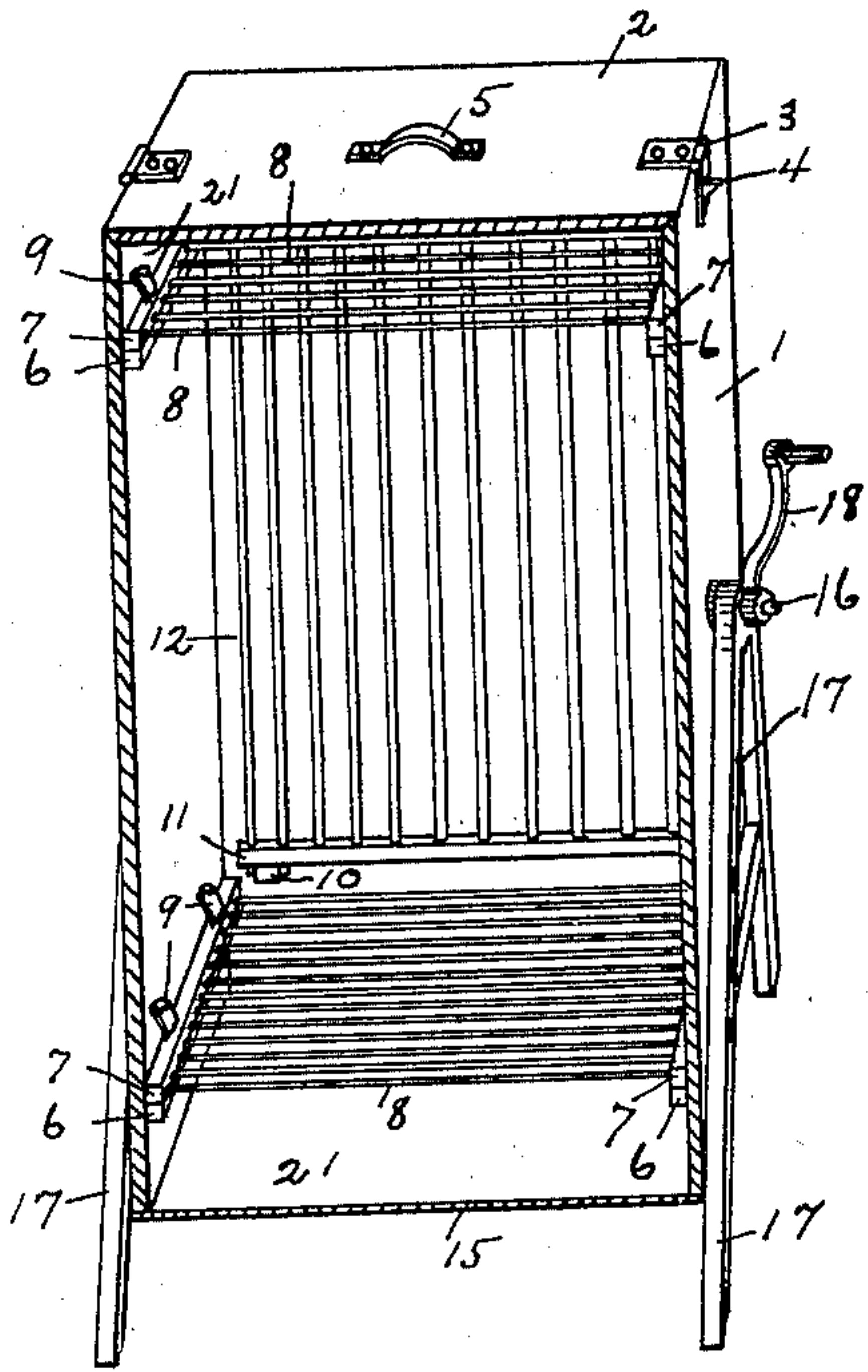


Fig. 2.

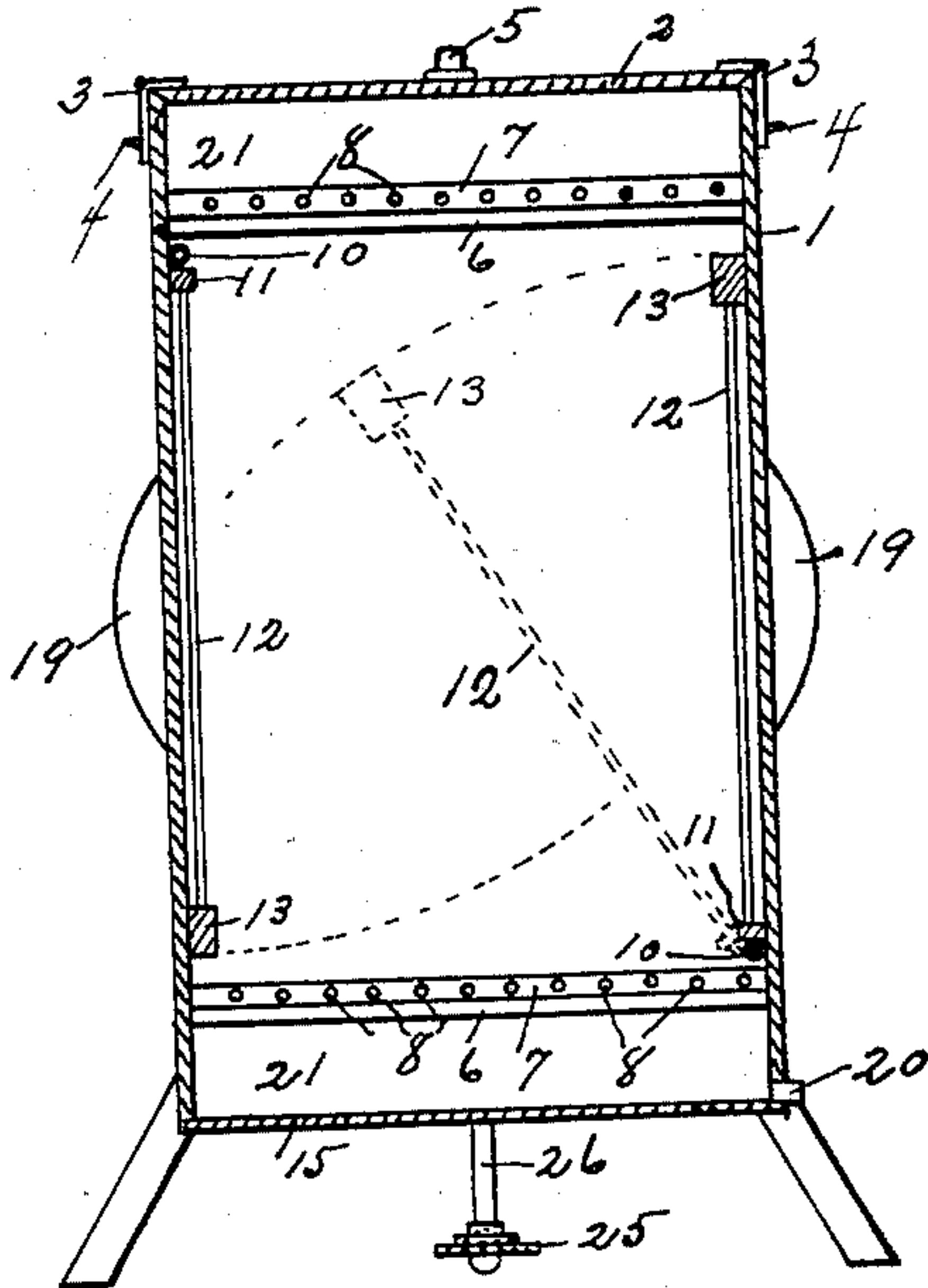


Fig. 3.

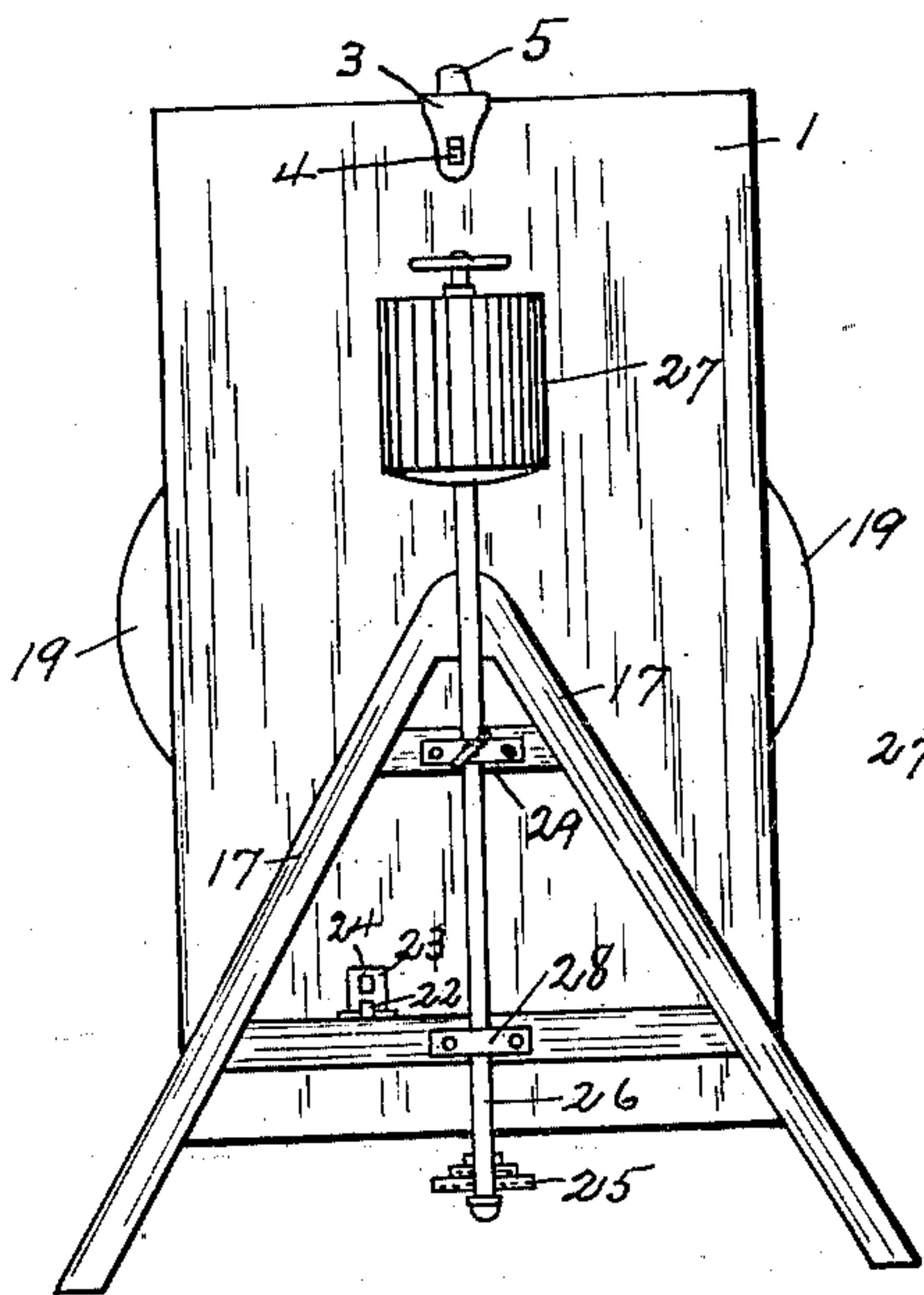
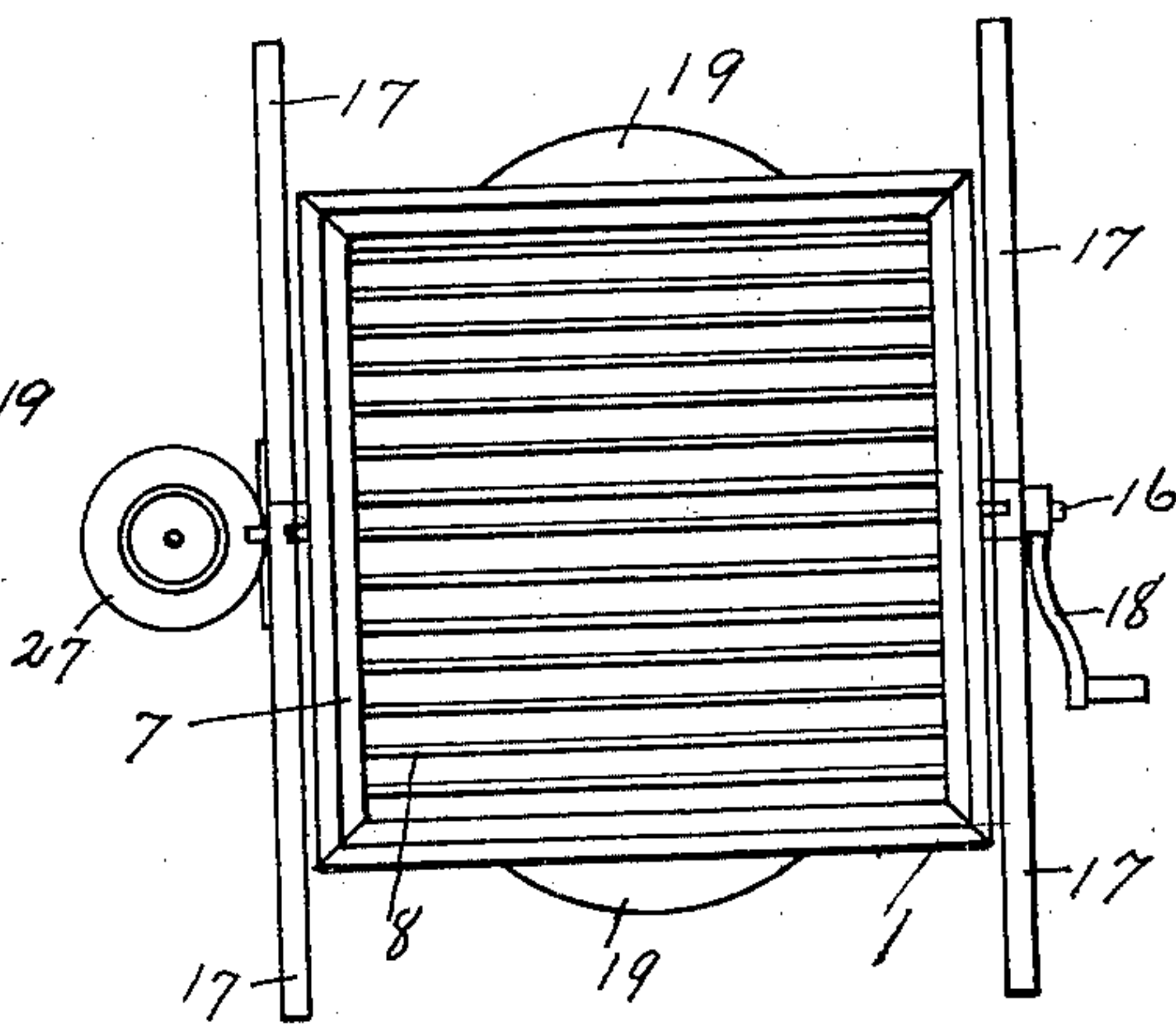


Fig. 4.



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# UNITED STATES PATENT OFFICE.

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## WASHING-MACHINE.

SPECIFICATION forming part of Letters Patent No. 612,850, dated October 25, 1898.

Application filed November 19, 1897. Serial No. 659,135. (No model.)

*To all whom it may concern:*

Be it known that I, CHESTER A. LATHAM, a citizen of the United States of America, residing at Wichita, in the county of Sedgwick and State of Kansas, 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, and the figures of reference thereon, forming a part of this specification, in which—

Figure 1 is a sectional perspective view of my improved washing-machine. Fig. 2 is a vertical sectional view of the same. Fig. 3 is a side view of said machine, and Fig. 4 is a top plan view of the same.

This invention relates to certain improvements in washing-machines; and it consists of the removable partitions provided with openings, said partitions forming three separate chambers in said machine, and the swinging pounders hinged to the body of said machine; and the object of my invention is to construct a washing-machine which can be made cheaply and durable and one that can be easily and effectually operated.

Referring to the drawings, 1 represents the body of said machine.

2 represents the cover, which is held in place by the hinge-clamps 3 catching on the beveled pin 4, which will draw said cover down snug on said body 1 when said hinged clamps are pressed snug against the side of said body 1.

5 represents a handle for the purpose of swinging said machine when desired in preference to the handle 18.

6 represents cleats secured to the inside of said body 1 at a certain distance from either end for holding the framework 7 of the partition, which may be made of wires stretched across, as shown at 8, or they may be of any other construction having openings to allow the free passage of water through them. 9 represents clamps for removably holding said partitions in place on said cleats 6. 10 represents hinges secured to two opposite sides of said body 1, to which are secured the cross-pieces 11, in which the ends of the connecting-rods 12 are secured. 13 represents cross-bars forming swinging pounders. 15 represents a metal bottom in said body 1. 16 represents

journals centrally located one on either of two sides of said body 1, which through the medium of the journal-bearings and the legs 17 said machine is supported and adapted to rotate. 18 represents a handle-crank secured to one of said journals. 19 represents weights centrally located on two sides of said machine not occupied by said journals.

20 represents a plug in an opening which is for emptying the water out of said machine.

21 represents water-spaces, one at either end between the partitions and the top and bottom.

22 represents a lug secured to a cross-brace of the legs 17.

23 represents a clasp having the openings 24. Said clasp is hinged to the body 1.

25 represents a gasolene-burner. 26 represents a pipe leading from the gasolene-tank 27 to said burner.

28 represents a clamp secured to a cross-bar of the legs 17, and 29 represents a thumb-screw passing through a clamp which is secured to another cross-brace of said legs 17.

This machine is operated in the following manner: The body 1 is turned to stand in the upright position, (shown in Fig. 3,) when the hinged clasp 23 is turned down on the lug 22, which will hold said machine in said position. The hinged clamps 3 are then released, and the cover 2 is removed, after which the lugs 9 are turned back and the upper partition is taken out, when the machine is ready to receive the water, after which the clothes can be put in, where they will rest on the lower partition. After said clothes are in the upper partition is to be replaced and secured in position by the clamps 9. After replacing the cover 2 and securing it in place the thumb-screw 29 can be released from the pipe 26, when said burner can be raised up close to the metal bottom 15. By tightening said thumb-screw the burner will be held in place. When the water in said machine is heated, the burner can be let down by loosening said thumb-screw to the position shown in Fig. 2, when the machine is ready to be rotated, which is done by taking hold of the handle 5 and giving it a hard quick pull or by turning the crank 18. As said machine is thus rotated the hinged swinging pounders 13 will alternately fall down on the clothes, as shown by

the dotted lines in Fig. 2, thus pounding them. The clothes will also fall from end to end on said partitions, and the water will pass from end to end through and around said clothes 5 to the outer spaces 21, the open-work of said partitions and said hinged weight-arms 10 allowing the water to pass freely. The agitation will loosen and remove the dirt from the clothes. Said weights 19 are for the purpose 10 of steadying the machine while the clothes and water are falling from end to end.

Having thus described my invention, what I claim as new and useful, and desire to secure by Letters Patent, is as follows:

A washing-machine consisting of a rectangular receptacle having journals secured to 15 two sides, legs having journal-bearings, partitions, one near each end removably held in said receptacle forming three chambers, said partitions being perforated to allow the free 20 passage of water through them, two pounders hinged at opposite ends and opposite sides of said central chamber, and a means of rotating said receptacle.

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Witnesses:

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