

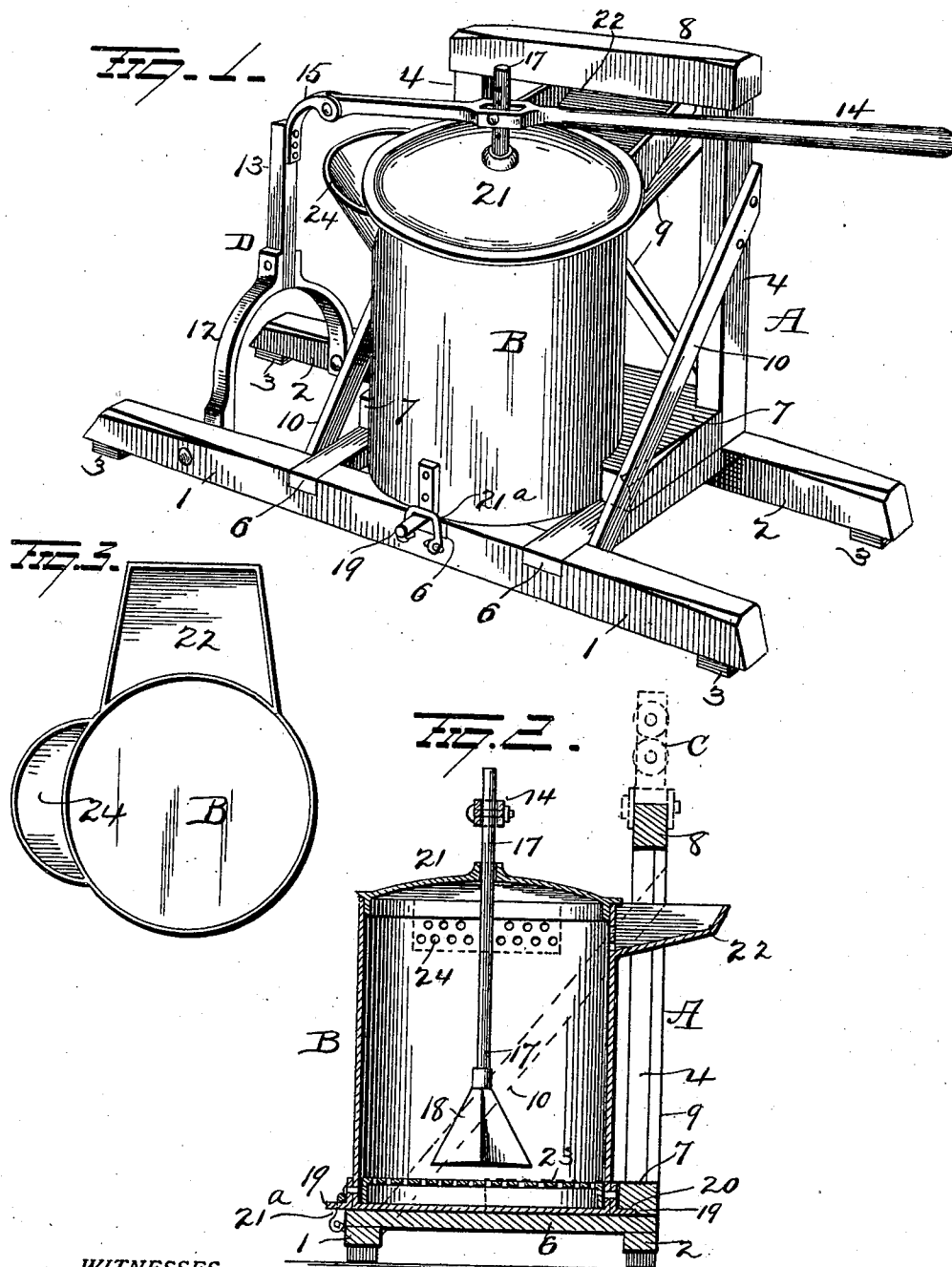
No. 674,217.

W. N. & F. RETTINGER.
WASHING MACHINE.

Patented May 14, 1901.

(Application filed June 25, 1900.)

(No Model.)



WITNESSES
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UNITED STATES PATENT OFFICE.

WILLIAM N. RETTINGER AND FRED RETTINGER, OF BOURBON, INDIANA.

WASHING-MACHINE.

SPECIFICATION forming part of Letters Patent No. 674,217, dated May 14, 1901.

Application filed June 25, 1900. Serial No. 21,490. (No model.)

To all whom it may concern:

Be it known that we, WILLIAM N. RETTINGER and FRED RETTINGER, residents of Bourbon, in the county of Marshall and State of Indiana, have invented certain new and useful Improvements in Washing-Machines; and we do hereby declare the following to be a full, clear, and exact description of the invention, such as will enable others skilled in the art to which it appertains to make and use the same.

Our invention relates to an improved washing-machine, the object of the invention being to provide improved operating mechanism for washing the clothes and an improved clothes-receptacle forming a part of the washing-machine, which latter will be so constructed as to return the water from the wringer, when the latter is attached, into the clothes-receptacle.

With this object in view the invention consists in certain novel features of construction and combinations and arrangements of parts, as will be more fully hereinafter described, and pointed out in the claim.

In the accompanying drawings, Figure 1 is a perspective view illustrating our improvements. Fig. 2 is a view in section through the clothes-receptacle. Fig. 3 is a top view of the clothes-receptacle.

A represents a supporting-frame for a clothes receptacle or can B, the former comprising parallel horizontal rods 1 and 2, both provided on their lower faces at their respective ends with blocks or enlargements 3, which may, if desired, be composed of rubber to cling to the floor and prevent accidental displacement of the frame. Parallel transversely-disposed slats 6 are secured at their respective ends to the rods 1 and 2, near the center thereof, to form a platform or support for the clothes-receptacle, and a block 7, having a portion of its face recessed to conform to the contour of the clothes-receptacle, is secured on said slats, at one end thereof, to form an abutment for the can to prevent transverse movement of the latter. Parallel uprights 4 are secured on the rod 2 and spaced a suitable distance apart and are connected at their upper ends by a bar 8, to which any approved wringer C may be removably secured, and said uprights are provided be-

tween their ends with cross-braces 9, and braces 10 connect the uprights 4 and slats 6 to strengthen the uprights.

A pivoted frame D is mounted on the rods 1 and 2 and comprises a yoke 12, pivotally connected at its ends to the rods 1 and 2 and secured between its ends to an upright rod 13, provided at its upper end with a bracket 15, to which one end of the operating-lever 14 is pivotally connected. A rod 17 is pivotally connected at its upper end between the ends of the lever 14 and is provided on its lower end with a pounder 18.

The pounder 18 is adapted to operate in the cylindrical can or receptacle B, which latter is supported on the platform and provided on diametrically opposite sides, at its lower end, with outwardly-projecting lugs 19, one of which is disposed in a notch 20 in the block 7 and the other secured against movement by a hook 21^a, pivotally connected to the rod 1. This construction prevents any possibility of accidental displacement of the clothes-receptacle.

The can or receptacle B is provided with a suitable cover 21, having a central opening for the passage of the rod 17, and said can is made on one side, at its upper end, with a spout or inclined trough 22, projecting beneath the wringer-supporting bar 8, so as to catch the water wrung from the clothes and convey it back into the can or receptacle B, which latter is provided near its bottom or lower end with a perforated partition 23, on which the clothes or other articles to be washed rest. The can B is also provided at its top with a spout or trough 24, in which the pounder when removed from the can rests. Hence any water drained from the pounder will be conveyed back into the can and not be spilled on the floor.

The operation of our improvements is as follows: When the clothes are being washed, the parts are in the position shown in Fig. 1, and by simply raising and lowering the free end of lever 14 the pounder 16 will agitate the water and clothes to wash the latter. After the clothes are washed the lever 14 can be thrown back, and when the pounder 18 comes in contact with the cover 21 it will raise the latter from the receptacle, and the frame D will permit the pounder, cover, and lever to

be folded back and the pounder disposed in the spout 24 out of the way. The clothes can then be separately removed from the receptacle and passed through the wringer C, which had previously been secured to bar S, and all water forced from the clothes will be caught by the spout or trough 22 and conveyed back into the receptacle.

It will be seen that our improvements can be readily taken apart and packed in a small space for shipment and can be as readily assembled when desired for use.

Various other slight changes might be resorted to in the general form and arrangement of the several parts described without departing from the spirit and scope of our invention, and hence we do not wish to be limited to the precise details set forth, but consider ourselves at liberty to make such slight changes and alterations as fairly fall within the spirit and scope of our invention.

Having fully described our invention, what we claim as new, and desire to secure by Letters Patent, is—

In a washing-machine, the combination with a frame, of a block having a curved recess in one face, secured to the frame and having a notch therein, a clothes-receptacle, lugs on diametrically opposite sides of the clothes-receptacle at its lower end, one of which is adapted to be disposed in the notch in the block and a hook on the frame adapted to engage the other lug and means for washing the clothes in said receptacle.

In testimony whereof we have signed this specification in the presence of two subscribing witnesses.

WILLIAM N. RETTINGER.
FRED RETTINGER.

Witnesses:

JOHN GOHEEN,
FRANK P. GRIFFIN.