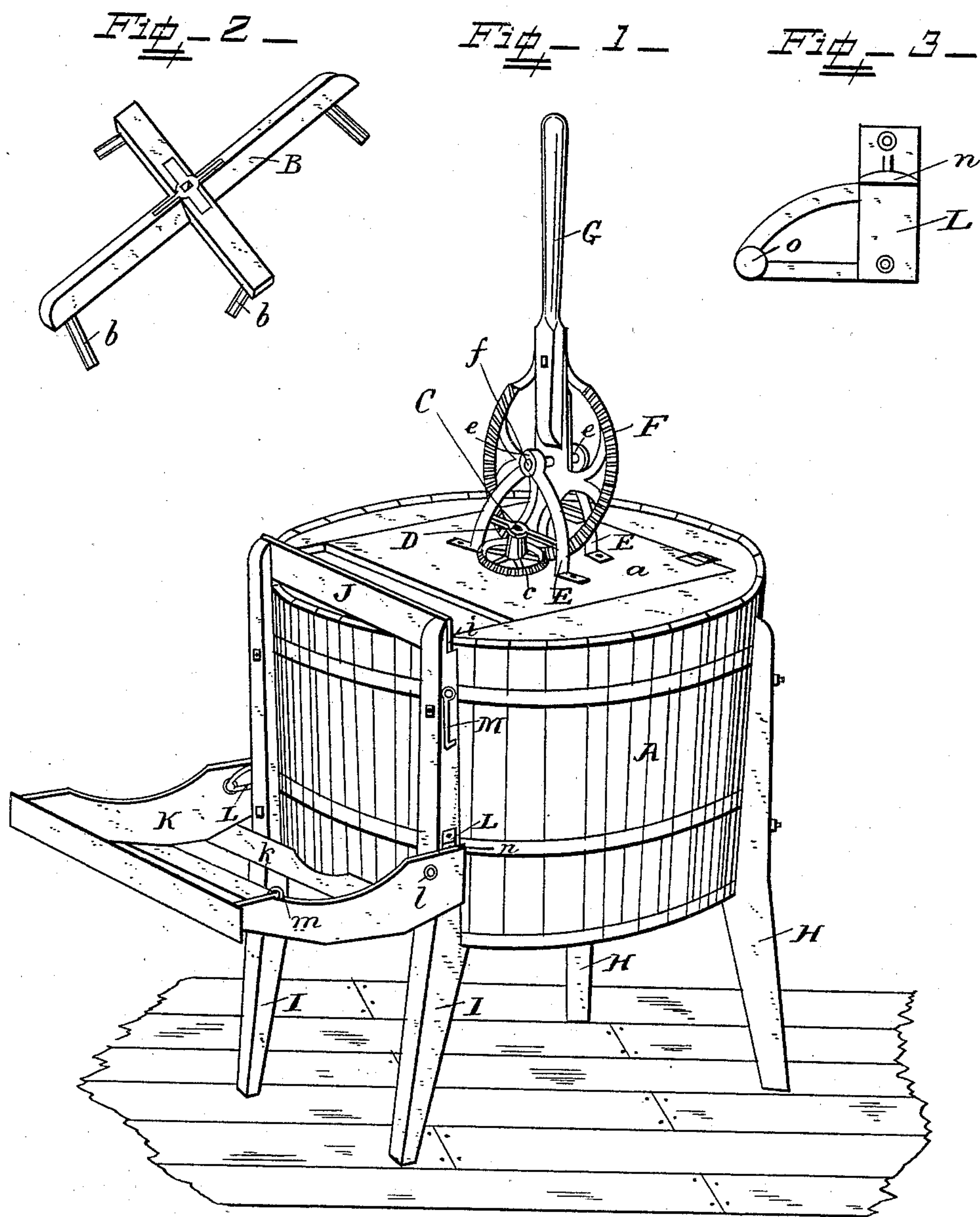


(No Model.)

T. WALDRON.  
WASHING MACHINE.

No. 401,769.

Patented Apr. 23, 1889.



Witnesses,

H. Eaton Coleman.  
J. Alfred Kerby

Inventor

Thomas Waldron.

By his Attorney

Herbert W. Jenner.

# UNITED STATES PATENT OFFICE.

THOMAS WALDRON, OF SHELDON, MISSOURI.

## WASHING-MACHINE.

SPECIFICATION forming part of Letters Patent No. 401,769, dated April 23, 1889.

Application filed June 17, 1887. Serial No. 241,642. (No model.)

*To all whom it may concern:*

Be it known that I, THOMAS WALDRON, a citizen of the United States, residing at Sheldon, in the county of Vernon and State of Missouri, have invented certain new and useful Improvements in Washing-Machines; and I 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.

This invention relates to washing-machines; and it consists in the novel construction and combination of the parts, hereinafter fully described and claimed.

In the drawings, Figure 1 is a perspective view of the complete machine. Fig. 2 is a detail perspective view of the arms removed from the tub. Fig. 3 is a detail side view of the self-adjusting hinge of the clothes-rack.

A is the wash-tub, largest at the top and provided with the hinged lid *a*.

B are the arms inside the tub. These are of unequal length and are provided with pins *b*, projecting from them at an angle, so that every part of the tub may be reached.

C is a spindle upon which the arms are secured. This spindle is provided with the beveled crown-wheel *c*, and is journaled in the lid *a* of the tub and in the bearing D of one of the brackets E, which are firmly secured to the lid of the tub.

F is a beveled-toothed segment secured upon the spindle *f*, which is journaled in the bearings *e* of the said brackets E. The segment F gears into the crown-wheel *c*, and is operated by the handle G, bolted to the segment, and to which a reciprocating movement is given by hand.

The tub A is provided with rear legs, H, of ordinary construction, securely bolted to it, and with front legs, I, of similar construction. The front legs are, however, extended upward above the top of the tub, and have the offsets *i* cut in them, to which the wringer-board J is firmly secured. The wringer is not shown; but any wringer may be used which

can be clamped onto the board. In this position it will be securely and conveniently fixed for use, and there will be no strain upon the tub itself.

K is the clothes-rack, of open frame-work, provided with the cross-piece *k* at the bottom, which also acts as a stop, if desired.

L are brackets of irregular shape secured to the front legs of the tub. These brackets are provided with pivots *o*, which engage with the eyes *l* let into the sides of the clothes-rack, and *n* are stops to prevent the clothes-rack from being lowered too far. The pivots *o* project considerably from the side of the tub, so that when the clothes-rack is raised up against the side of the tub its center of gravity passes the pivots and the rack is retained automatically in that position.

M is a hook pivoted to one of the front legs, and which engages with the eye *m* on the clothes-rack. This hook is for use when the machine is moved about from place to place, and supplements the action of the aforesaid pivots.

What I claim is—

The combination, with a washing-machine tub provided with legs, of the projecting brackets L, secured to the legs of the tub and provided with the stops *n* on their inner ends, and with the pivots *o*, projecting horizontally from the projecting outer ends of the said brackets some distance from the said stops, and the clothes-rack having its sides pivoted on the said pivots, with the inner ends of its sides resting against the under sides of the stops, said clothes-rack being adapted to fold upwardly over the center of the said pivots and to rest against the side of the tub when not in use, substantially as set forth.

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

THOMAS WALDRON.

Witnesses:

JOHN C. WEISS,

SAMUEL M. JOHNSON.