

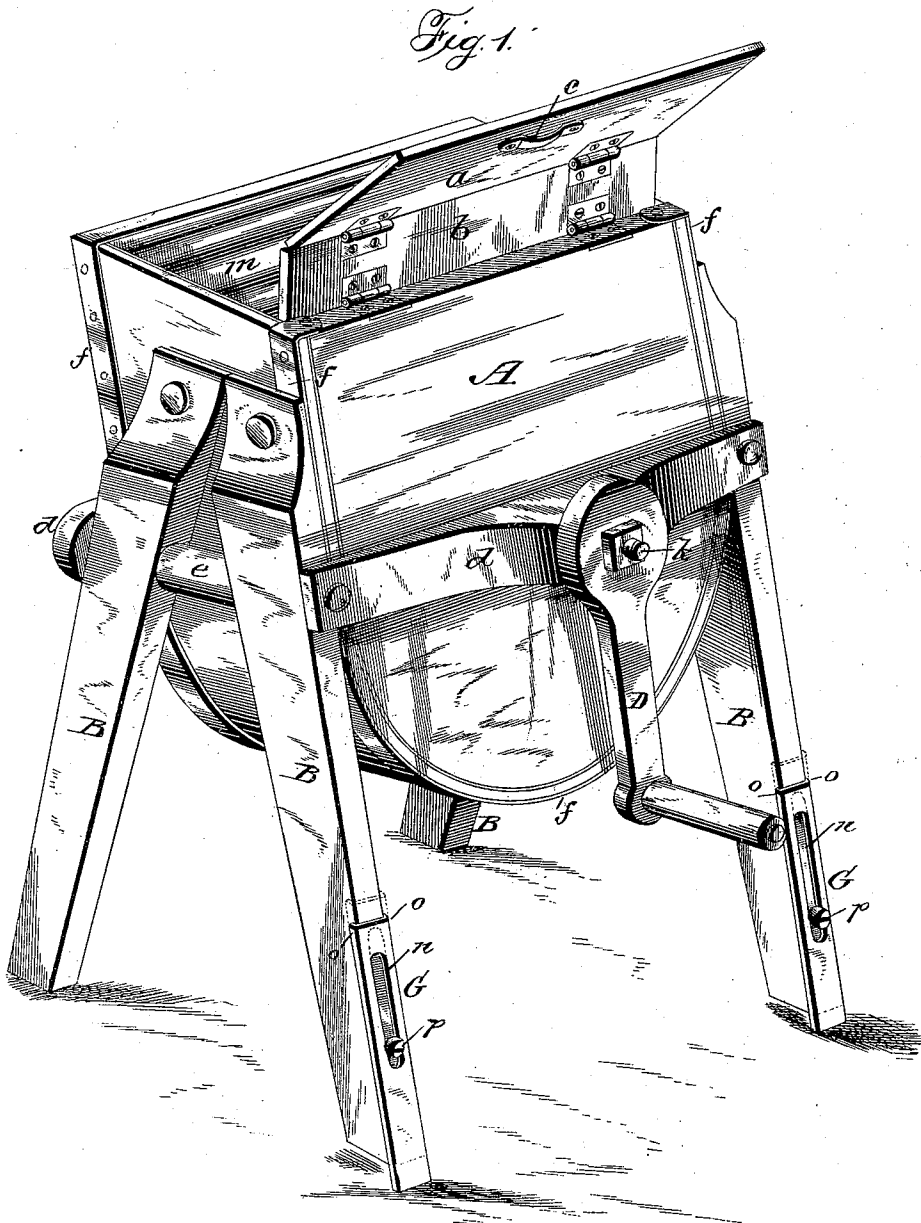
(No Model.)

2 Sheets—Sheet 1.

J. SCHRIB.
WASHING MACHINE.

No. 370,418.

Patented Sept. 27, 1887.



Witnesses:
Chas. Williamson
L. L. Miller.

Inventor
Juni Schrib.
per Chas. H. Fowler
Attorney.

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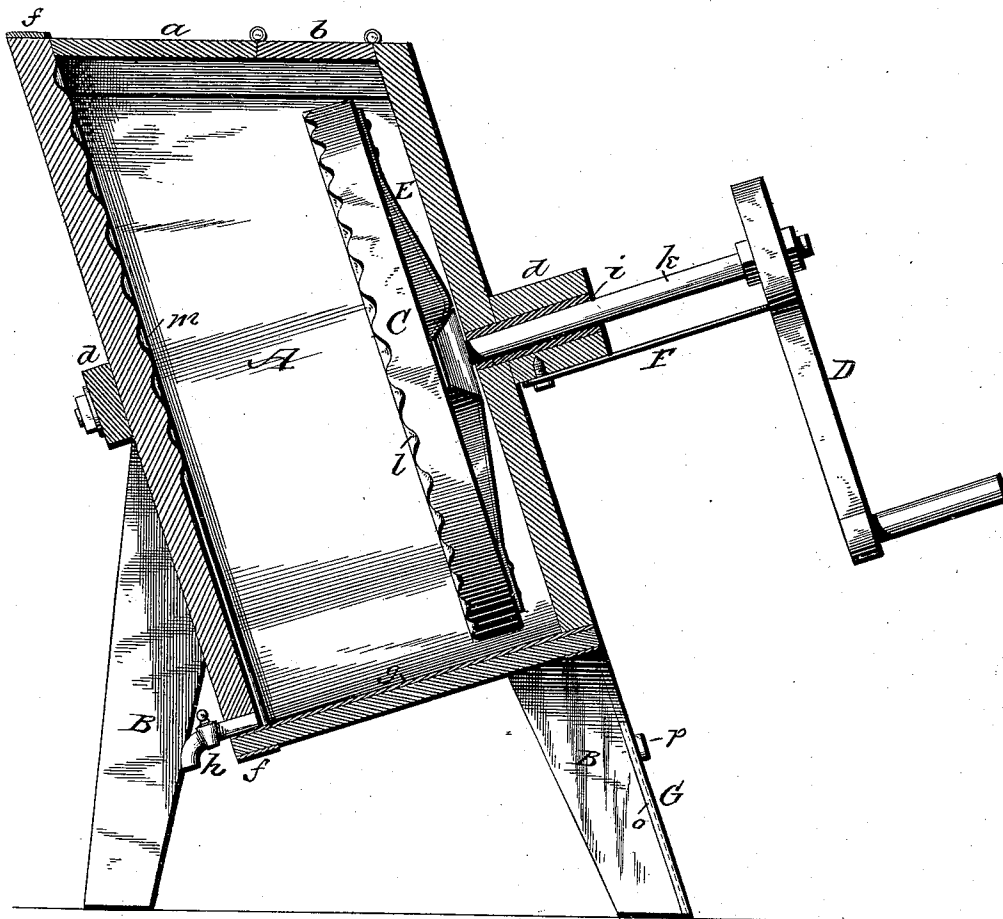
2 Sheets—Sheet 2.

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Fig. 2.



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UNITED STATES PATENT OFFICE.

JUNI SCHRIB, OF MCGREGOR, TEXAS.

WASHING-MACHINE.

SPECIFICATION forming part of Letters Patent No. 370,418, dated September 27, 1887.

Application filed November 16, 1886. Serial No. 219,029. (No model.)

To all whom it may concern:

Be it known that I, JUNI SCHRIB, a citizen of the United States, residing at McGregor, in the county of McLennan and State of Texas, have invented certain new and useful Improvements in Washing-Machines; and I do hereby declare that the following is a full, clear, and exact description of the same, reference being had to the annexed drawings, making a part of this specification, and to the letters and figures of reference marked thereon.

Figure 1 of the drawings is a perspective view of my invention; Fig. 2, a sectional elevation thereof.

The present invention has for its object to provide a simple, effective, and easily-operating washing-machine, whereby the clothes can be washed with any degree of pressure without injury thereto, such machine being constructed of few parts, and therefore capable of being manufactured and placed in the market at a comparatively small cost. These objects I attain by the construction substantially as shown in the drawings, and hereinafter described and claimed.

In the accompanying drawings, A represents the suds-box, which is semicircular upon its lower end, and is provided with a folding cover consisting of two sections, *a b*, hinged together and to the box, as shown, and is provided with a suitable handle, *c*, for raising it. The suds-box A is supported upon standards or legs B in such manner that said box will be disposed at an inclination, as shown. The box and legs are connected together by braces *d e* to form a strong frame-work around the box and render it more serviceable. The suds-box is also strengthened around its joints by metal straps *f*, which further increase its durability and prevent the possibility of the joints springing, and the interior of the box is preferably provided with a sheet-metal lining, *g*, although this may be dispensed with, if so desired, and the bottom at its lowest point has a faucet for drawing off the dirty water. One of the braces, *d*, has a babbitt-metal bearing, *i*, through which passes the shaft *k*, having upon one end the rubbing-head C and upon the other end a suitable crank-handle, D, for rotating it. The head C has a corrugated rubbing-surface, *l*, of any suitable shape or

design, and one of the interior sides of the suds-box A has a suitable rubbing-surface, *m*.

As previously stated, any suitable form of rubbing-surfaces against which the clothes impinge may be used, as I do not wish to be confined to any special shape or configuration.

The rubbing-head C is provided with a metal back, E, to which the end of the shaft *k* is detachably connected by set-screw or other well-known means.

Previous to supplying the suds-box with water and clothes, the rubbing-head C is held in position, as shown in Fig. 2, by means of the support F, which is pivoted at one end to the under side of one of the braces, *d*, and its free end being brought in contact with the crank-handle D, which prevents the shaft from sliding forward. When the machine is ready for operation, the support F is swung back under the brace *d*, away from contact with the crank-handle D, when by its own gravity the rubbing-head will slide down against the clothes in the box, and by rotating it the desired agitation will be given to the clothes to remove the dirt therefrom when the shaft *k* is rotated.

The degree of pressure of the head C against the clothes is regulated by means of the supplemental legs G, which are so connected to the rear one of the legs B as to be adjusted thereon to lengthen or shorten the supplemental legs and thereby tip the suds-box at the desired angle. As will thus be seen, the greater the angle of the suds-box A the greater the pressure of the head C against the clothes, caused by its own gravity. To render the supplemental legs G adjustable I provide them with elongated slots *n* and side flanges, *o*, said flanges embracing the sides of the legs B, to form a guide when the supplemental legs are moved up or down, and are held in their adjusted position by set-screws *p*, passing through the slot *n* and into the legs B.

The object of regulating the pressure of the rubbing-head is to adapt the machine to a greater or less quantity of clothes being washed.

The corrugated surfaces, as above described, may be covered with sheet metal, and, if preferred, the rubbing-head may be made in sections for convenience of taking apart.

Having now fully described my invention, what I claim as new, and desire to secure by Letters Patent, is--

In a washing-machine, a suds-box provided
5 with an automatically sliding or gravitating
rubbing-head adapted to be rotated within
the box, in combination with the supplemental
legs adjustable upon the main legs of the ma-
chine for the purpose of changing the inclina-
10 tion of the suds-box to regulate the pressure

of the rubbing-head against the clothes, substantially as and for the purpose set forth.

In testimony that I claim the above I have hereunto subscribed my name in the presence of two witnesses.

JUNI SCHRIB.

Witnesses:

I. M. WILLIAMS,
W. C. O'BRYAN.