

W. H. TUTT.

WASHING-MACHINE.

No. 180,393.

Patented July 25, 1876.

Fig. 1.

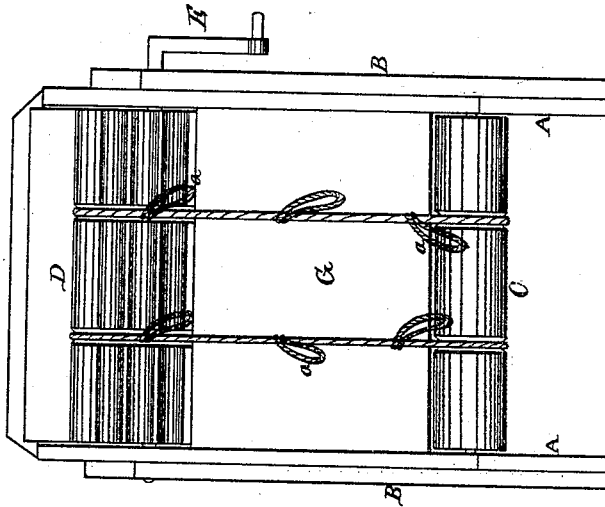
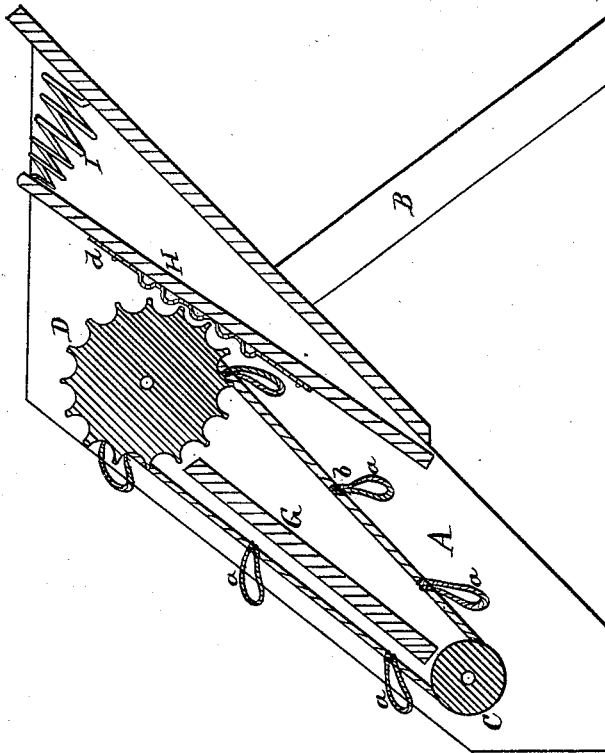


Fig. 2.



WITNESSES

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INVENTOR

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UNITED STATES PATENT OFFICE.

WILLIAM H. TUTT, OF DANVILLE, KENTUCKY, ASSIGNOR OF ONE HALF HIS RIGHT TO SAMUEL S. BROUGHTON, OF SAME PLACE.

IMPROVEMENT IN WASHING-MACHINES.

Specification forming part of Letters Patent No. **180,393**, dated July 25, 1876; application filed March 11, 1876.

To all whom it may concern :

Be it known that I, WILLIAM HANSFORD TUTT, of Danville, in the county of Boyle, and in the State of Kentucky, have invented certain new and useful Improvements in Washing-Machines; and do hereby declare that the following is a full, clear, and exact description thereof, reference being had to the accompanying drawings, and to the letters of reference marked thereon, making a part of this specification.

The nature of my invention consists in the construction and arrangement of a washing-machine, as will be hereinafter more fully set forth.

In order to enable others skilled in the art to which my invention appertains to make and use the same, I will now proceed to describe its construction and operation, referring to the annexed drawing, in which—

Figure 1 is a front elevation of my machine. Fig. 2 is a longitudinal section of the same.

A represents an inclined frame, of any suitable dimensions, supported upon legs B B. In the lower part of the frame A is a roller, C, journaled in the sides thereof, and in the upper part of the frame is another roller, D, also journaled in the sides of the frame, and provided with a crank, E, for turning the same. The upper roller D is of larger diameter, and corrugated longitudinally, as shown; while the lower roller C is smooth. Both rollers have two or more circumferential grooves, in which are placed endless cords *b b*, provided at suitable intervals with loops *a a*. Between the two rollers is a board, G, over which the clothes are carried while washing. Under or back of the upper corrugated roller D is a

board, H, pivoted at its lower end in the sides of the frame A, and its upper end acted on by springs I I, to hold the same against the roller. The upper side of the board H is provided with a corrugated sheet-metal plate, making a wash-board of said board H.

The machine thus constructed is to be placed on the bottom of a wash-tub, and may be fastened thereto, if desired, by any suitable means.

The clothes are attached to the cords *b* by simply passing a part thereof through the loops *a*. The crank E is then turned so that the clothes will pass up and over the roller D, and down between said roller and the wash-board H *d*, back into the tub of water; thence around the bottom roller C, and up again to the top, and so on.

I am aware that washing-machines having endless cords passing over rollers for carrying the clothes around the same, and having a yielding wash-board, against which the clothes are rubbed, are not new. Hence, I do not claim such as my invention.

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

The loops *a a*, attached to or formed on the endless cords *b b*, in combination with the rollers C D, wash-board H *d*, and springs I, all substantially as and for the purposes herein set forth.

In testimony that I claim the foregoing I have hereunto set my hand this 16th day of February, 1876.

WILLIAM HANSFORD TUTT.

Witnesses:

REED S. NICHOLS,
W. W. WEBB.