

(No Model.)

O. D. HUDSON.
Clothes Wringer.

No. 230,942.

Patented Aug. 10, 1880.

Fig. 1.

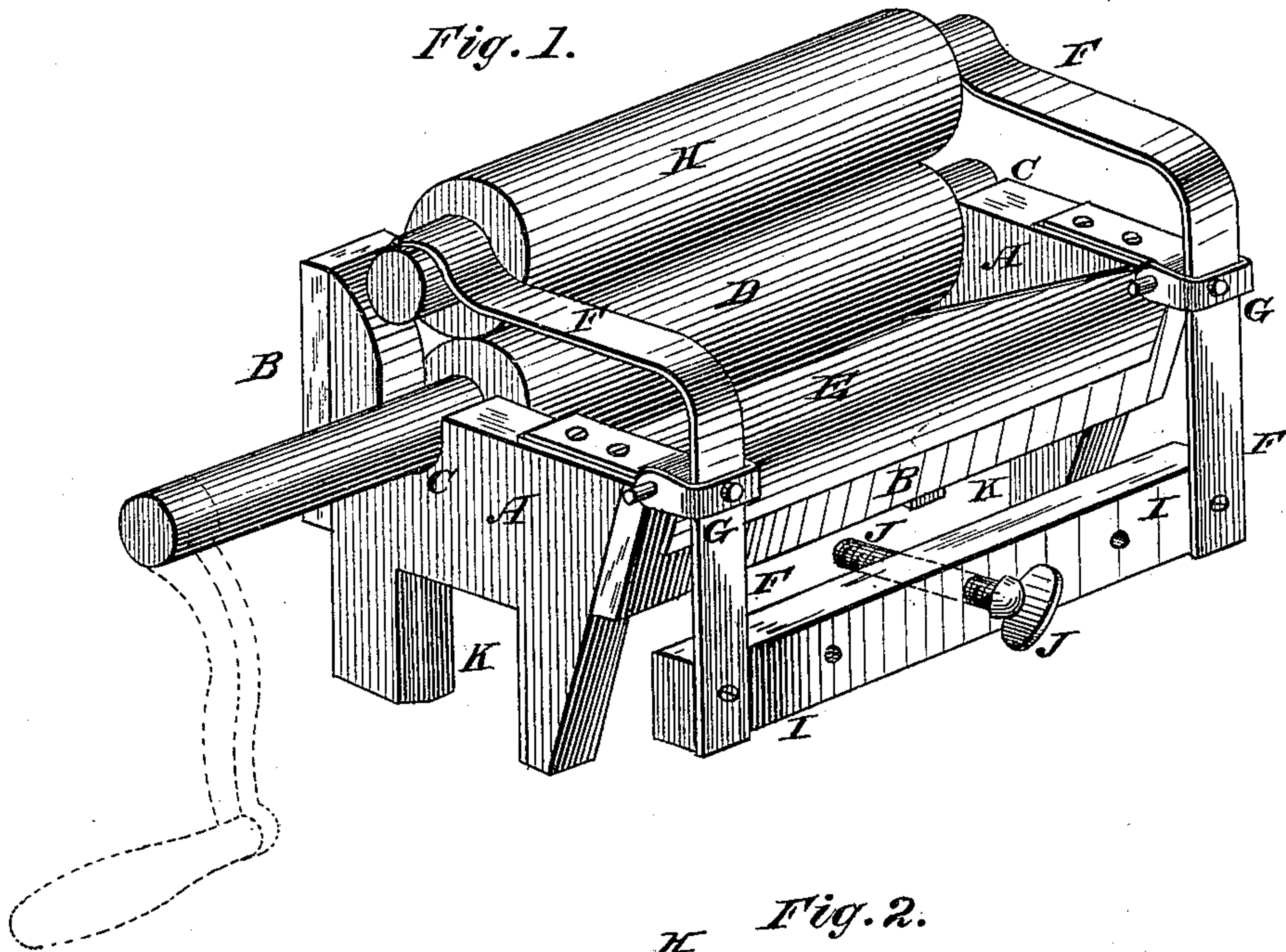
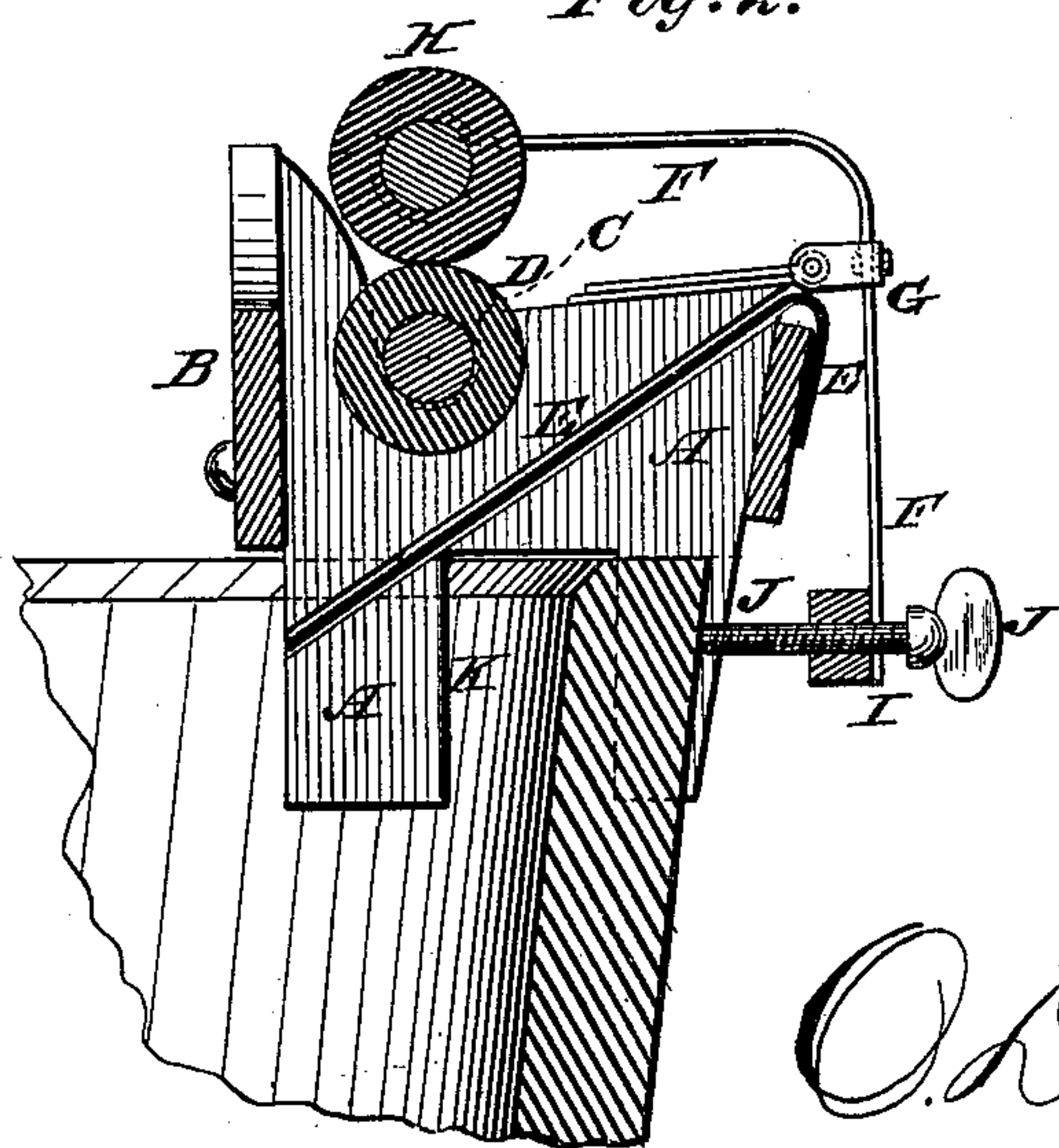


Fig. 2.



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UNITED STATES PATENT OFFICE.

ORVIS D. HUDSON, OF WAUPUN, WISCONSIN.

CLOTHES-WRINGER.

SPECIFICATION forming part of Letters Patent No. 230,942, dated August 10, 1880.

Application filed April 23, 1880. (No model.)

To all whom it may concern:

Be it known that I, ORVIS D. HUDSON, of Waupun, in the county of Fond du Lac and State of Wisconsin, have invented certain new and useful Improvements in Clothes-Wringers; and I do hereby declare that the following is a full, clear, and exact description of the invention, which will enable others skilled in the art to which it appertains to make and use the same, reference being had to the accompanying drawings, which form a part of this specification.

Figure 1 is a perspective view, and Fig. 2 is a vertical sectional view.

Similar letters of reference denote corresponding parts in both figures.

This invention relates to clothes-wringers; and it consists in certain improvements in the construction of the same, which will be hereinafter fully described, and particularly pointed out in the claim.

In the drawings hereto annexed, A A represent the sides of the machine, which are connected by suitable cross-pieces B B, and provided with bearings C for the lower roller, D. Under the latter is arranged an inclined board, E, to guide the water back into the tub in the usual manner as it is being wrung from the clothes.

F F are two flat springs bent at right angles, as shown, and provided near the corner or angle with bails G, by which they are pivoted to the upper front corners of the side pieces, A, the arms of said springs projecting, respectively, in a rearward and downward direction.

The rear ends of the springs F are provided with bearings for the upper roller, H, which is thus held just above roller D, as shown. The lower ends of the springs F are connected by a cross-piece, I, in the central part of which is inserted a thumb-screw, J.

The side pieces, A, are provided with mortises

K, by which the machine may be fitted upon the rim of a tub in the usual manner. 45

From the foregoing description, taken in connection with the drawings hereto annexed, the operation and advantages of my invention will be readily understood.

After placing the machine upon the rim of the tub the thumb-screw J is screwed down against the latter, thus causing the springs F to hold the rollers together with any desired degree of pressure, and at the same time serving to hold the machine in position upon the tub. 50 55

The machine may be operated by a crank attached to the shaft of either roller, and the rollers may be connected by cog-gear, if so desired. 60

It will be observed that by the construction herein shown and described a single screw suffices to secure the machine upon the tub and to regulate the pressure between the rollers. When heavy pressure is required the machine is proportionately firmly secured, and vice versa. 65

Having thus described my invention, I claim and desire to secure by Letters Patent of the United States— 70

In a wringing-machine constructed substantially as described, the right-angled springs F F, pivoted to the upper front corners of the machine, carrying at their rear ends the roller H, and having their lower ends connected by a cross-piece, I, having thumb-screw J for regulating pressure and securing the machine, as set forth. 75

In testimony that I claim the foregoing as my own I have hereto affixed my signature in presence of two witnesses. 80

ORVIS D. HUDSON.

Witnesses:

S. J. MORSE,
S. J. SUMNER.