

J. WILBUR.

Washing-Machines.

No. 135,955.

Patented Feb. 18, 1873.

Fig. I

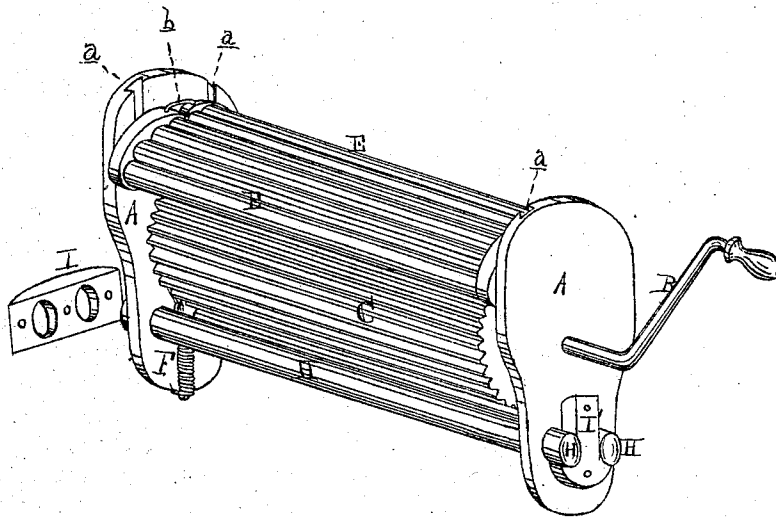
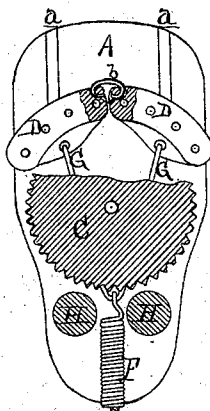


Fig. II



Attest
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UNITED STATES PATENT OFFICE.

JOHN WILBUR, OF CHESTERTON, INDIANA.

IMPROVEMENT IN WASHING-MACHINES.

Specification forming part of Letters Patent No. **135,955**, dated February 18, 1873.

To all whom it may concern:

Be it known that I, JOHN WILBUR, of Chesterton, in the county of Porter and State of Indiana, have invented a new and useful Improvement in Washing-Machines; and I do declare that the following is a true and accurate description thereof, reference being had to the accompanying drawing and to the letters of reference marked thereon and being a part of this specification, in which—

Figure 1 is a perspective view of my improved washing-machine, and Fig. 2 is a cross-section of the same near one end.

Like letters refer to like parts in the several figures.

The nature of my invention relates to an improvement in that class of washing-machines wherein a corrugated wooden roll is revolved under a series of small rollers journaled in a segment at each end, and which are drawn toward the main roll by springs at each end, the fabric passing between the large and small rollers. The invention consists in certain details of construction fully described herein-after.

In the drawing, A A represent the end-pieces or standards, in which is journaled a cranked shaft, B, carrying a large corrugated wooden roll, C. In the inner face of each standard two vertical dovetail grooves, *a a*, are cut, and into each groove is inserted a dovetail-tongue projecting from the middle of a short segment, D. The segments at each end are coupled

together by a link, *b*. In the segments are journaled the ends of small rollers E. F is a spiral spring secured to the lower end of each standard, and to the upper end of each standard is attached a bail, G, whose upper ends are attached to the middle of each segment, so as to draw both down or allow one to move up independently of the other, which is highly essential where fabrics of varying thickness are run through between the roll and rollers. H H are two round girts, mortised and projecting through the lower ends of the standards a little way. To one side of a wash-tub is screwed a wooden lug, I, with two holes in it to receive the ends of the girts H. To the other side of the tub is screwed an inverted T-shaped block, I'; and to secure the machine in the tub, insert the ends of the girts at one side in the holes of the lug I, and drop their other ends so as to embrace the block I', when it will remain fast in place. The girts are rounded, and prevent the fabrics from catching in the springs and being torn.

What I claim as my invention, and desire to secure by Letters Patent, is—

The combination of the link *b* with the segments D D, the latter having independent tongues adapted to slide in vertical grooves, as described.

JOHN WILBUR.

Witnesses:

JAMES CHEENY,
J. B. LUNDBERY.