

L. S. RIGGS & A. B. PARSONS.
Improvement in Washing-Machines.

No. 127,709.

Patented June 11, 1872.

Fig. 1.

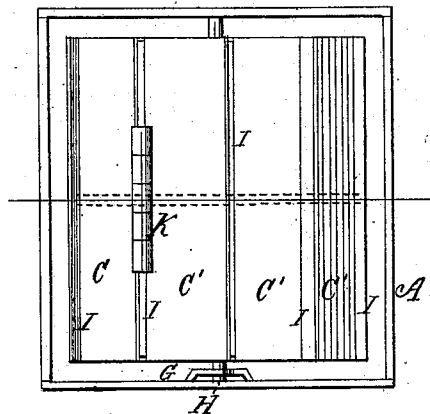


Fig. 2.

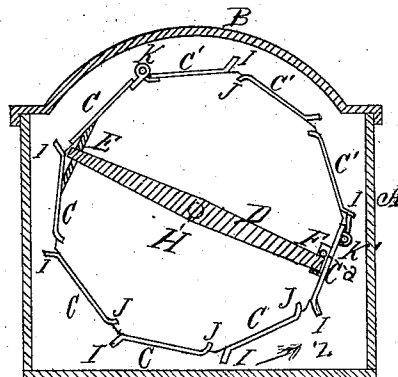


Fig. 3.

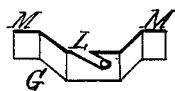
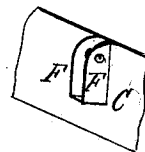


Fig. 4.



WITNESSES.

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LEANDER S. RIGGS AND ALBERT B. PARSONS, OF HIGHLAND, KANSAS.

IMPROVEMENT IN WASHING-MACHINES.

Specification forming part of Letters Patent No. 127,709, dated June 11, 1872.

SPECIFICATION.

We, LEANDER S. RIGGS and ALBERT B. PARSONS, of Highland, in the county of Doniphan and State of Kansas, have invented an Improved Washing-Machine, of which the following is a specification:

The present invention relates to an improvement in that class of washers which consists of rotating washers placed in washing-boxes; and its nature consists in the novel construction of a several-sided washer, which is combined with a bar to hold the clothes in position, as and for the purposes hereinafter described.

In the drawing, Figure 1 is a plan or top view of our improved washer with the cover removed; Fig. 2, a transverse section on line *x*, Fig. 1; Fig. 3, an enlarged perspective view of the slotted bearing which supports one journal of the washer; Fig. 4, an enlarged perspective view of the lugs which hold one end of the internal bar D in place.

A represents the washing-box, and B the lid, which may be made of metal or wood, as the case may require, or as it is most convenient, nothing being claimed to be new in regard to them. The washer, in this case, is composed of nine sides, C and C'. The parts C are permanently fixed to suitable end pieces, while the parts C' form a door for reaching the inside of the washer, said door being hinged at K and fastened at K'. The parts C C' are provided with outwardly-projecting flanges 1

1 1, &c., and inwardly-projecting flanges J, which serve the purpose of conducting water with suitable force onto the clothes in the washer. Were it not for these flanges the same dirty water would stay in the washer too long a time; but by their use a constant flow of water is carried to the clothes, especially when the washer is rotated in a direction opposite to the dart Z. To provide means for removing, the washer at one end is hung on a slotted bearing, G, shown more clearly at Fig. 3, the slot L being inclined so that the washer will not rise up when in use. To hold the clothes separate in the washer, and to allow a current of water to pass between them, a bar, D, is placed across the washer, as shown at Fig. 2, one end of the lever fitting into a hole in a strap, E, and the other being held by lugs F and a pin, *a*. The bar is removable by removing the pin.

Having thus described our invention, what we claim, and desire to secure by Letters Patent, is—

The washer, composed of the several sides C C', which are provided with flanges I J, and combined with the bar D, as and for the purpose set forth.

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Witnesses:

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