

G. W. MIKESELL.
Washing-Machine.

No. 161,143.

Patented March 23, 1875.

Fig. 1

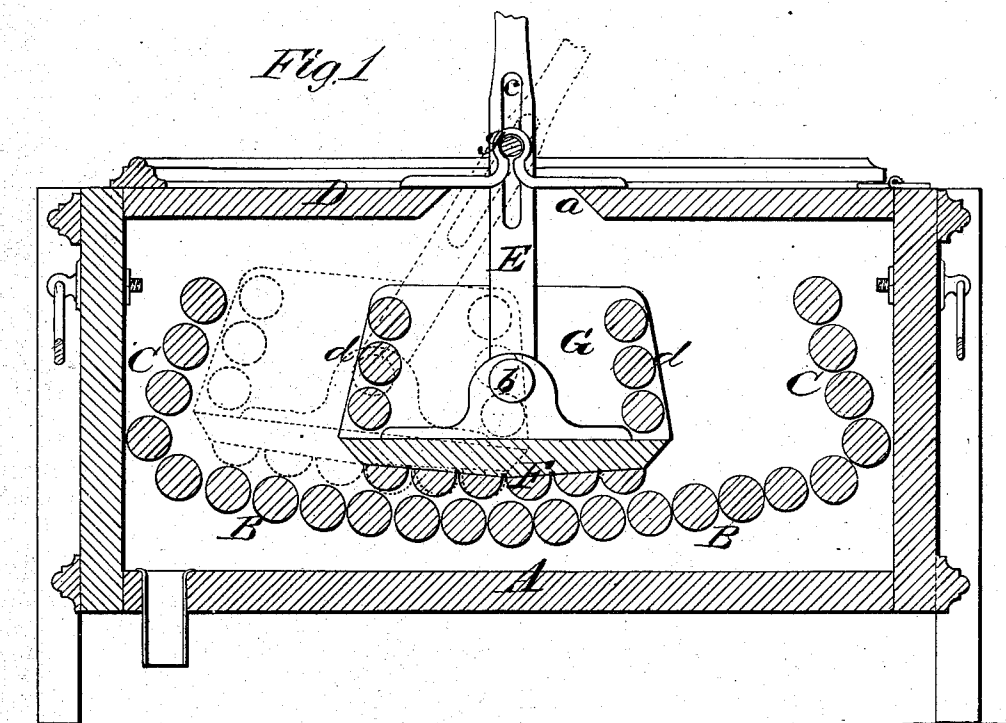
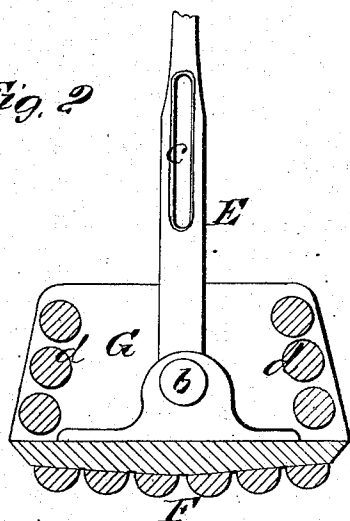


Fig. 2



WITNESSES

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UNITED STATES PATENT OFFICE.

GEORGE W. MIKESELL, OF HUNTINGTON, INDIANA.

IMPROVEMENT IN WASHING-MACHINES.

Specification forming part of Letters Patent No. **161,143**, dated March 23, 1875; application filed October 31, 1874.

To all whom it may concern:

Be it known that I, GEORGE W. MIKESELL, of Huntington, in the county of Huntington and State of Indiana, have invented a new and valuable Improvement in Washing-Machines; and I do hereby declare that the following is a full, clear, and exact description of the construction and operation 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 drawing is a representation of a longitudinal vertical section of my washing-machine, and Fig. 2 is a sectional detail view of the same.

This invention has relation to washing-machines wherein a reciprocating rubber is employed, in combination with a bed of rollers; and the novelty consists in a rubber which is free to reciprocate over a concave bed of rollers, and to rise and descend, in combination with a box which is adapted to receive weights, for the purpose of loading down the rubber, and cause it to press with greater or less force upon the fabrics in the wash-box, as will be hereinafter explained.

In the annexed drawings, A designates an oblong rectangular wash-box, in which is a concave bed of rollers, B, which bed has combined with it rollers C, arranged in inclined planes at its ends, as shown in Fig. 1. D designates the cover of the box A, having an oblong slot, *a*, through it, through which passes the handle or rod E of a rubber, F, and weight-

box, G. The handle E is connected to the bottom of the weight-box G by means of a pivot, *b*, and where this handle passes through the cover D it has an oblong slot, *c*, through it, the sides of which are faced with metal, as shown. Through the slot *c* a fulcrum-bolt, *g*, passes, which is secured to metal blocks secured on each side of the slot *a* through the cover D. The bottom of the weight-box is slightly convex, and has ribs secured to it, which form the rubber F, and two sides of the weight-box are formed of rollers *d*, inclined as shown, and designed for beating the fabrics against the rollers C. By vibrating the handle E the rubber and its weight-box will travel over the fabrics upon the bed of rollers B, and by using the box G any desired weight can be applied upon the fabrics without any exertion on the part of the operator.

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

The weight-receiving box G, in combination with the pivoted adjustable handle E, provided with the slot *c*, fulcrum-pin *g*, and the concave bed B, 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.

GEORGE W. MIKESELL.

Witnesses:

A. MCKINNEY,

HENRY D. TOWNSEND.