

M. Mc Garry,

Wash-Board,

Nº 77,828,

Patented May 12, 1868.

Fig: 1.

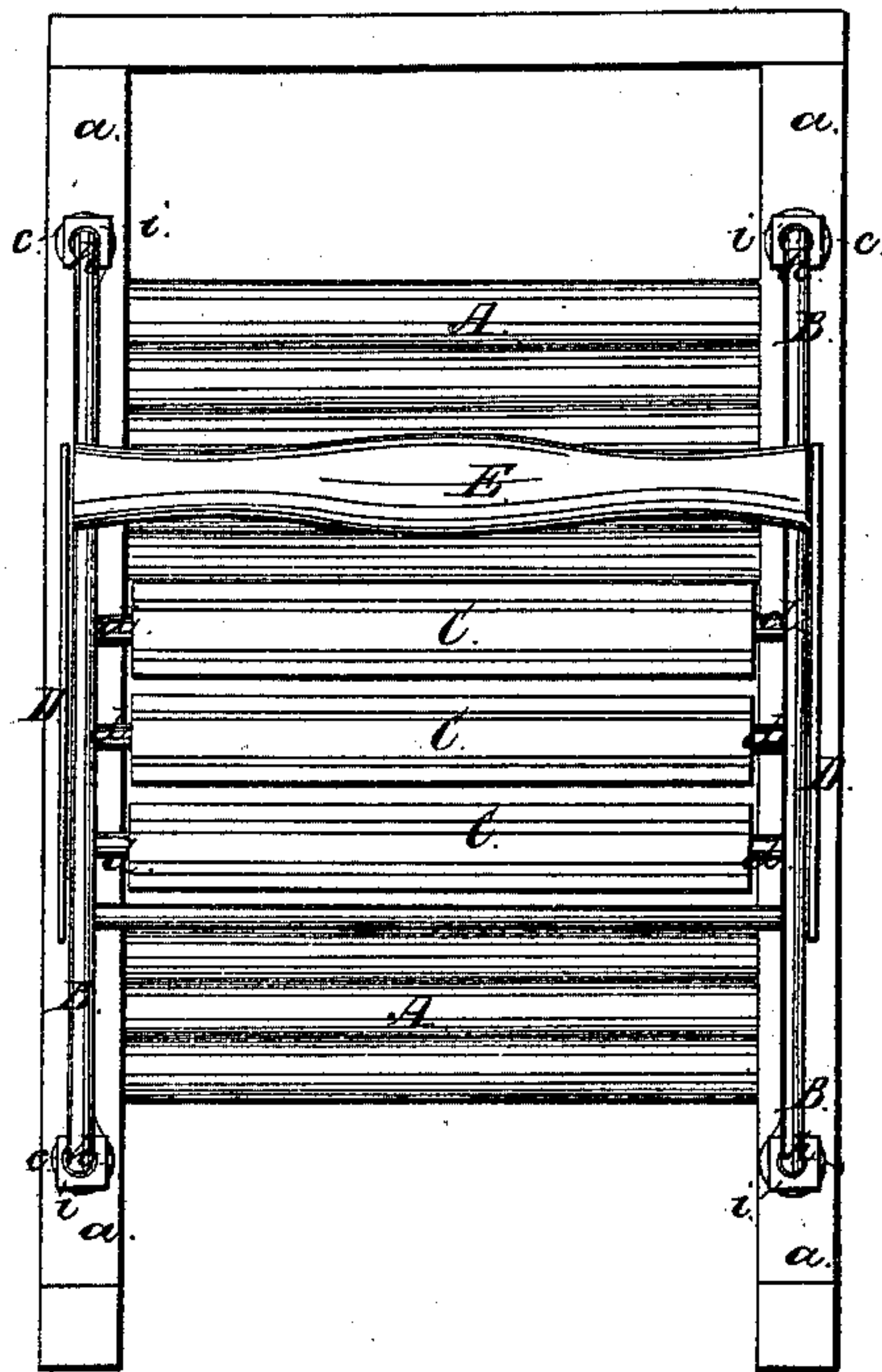
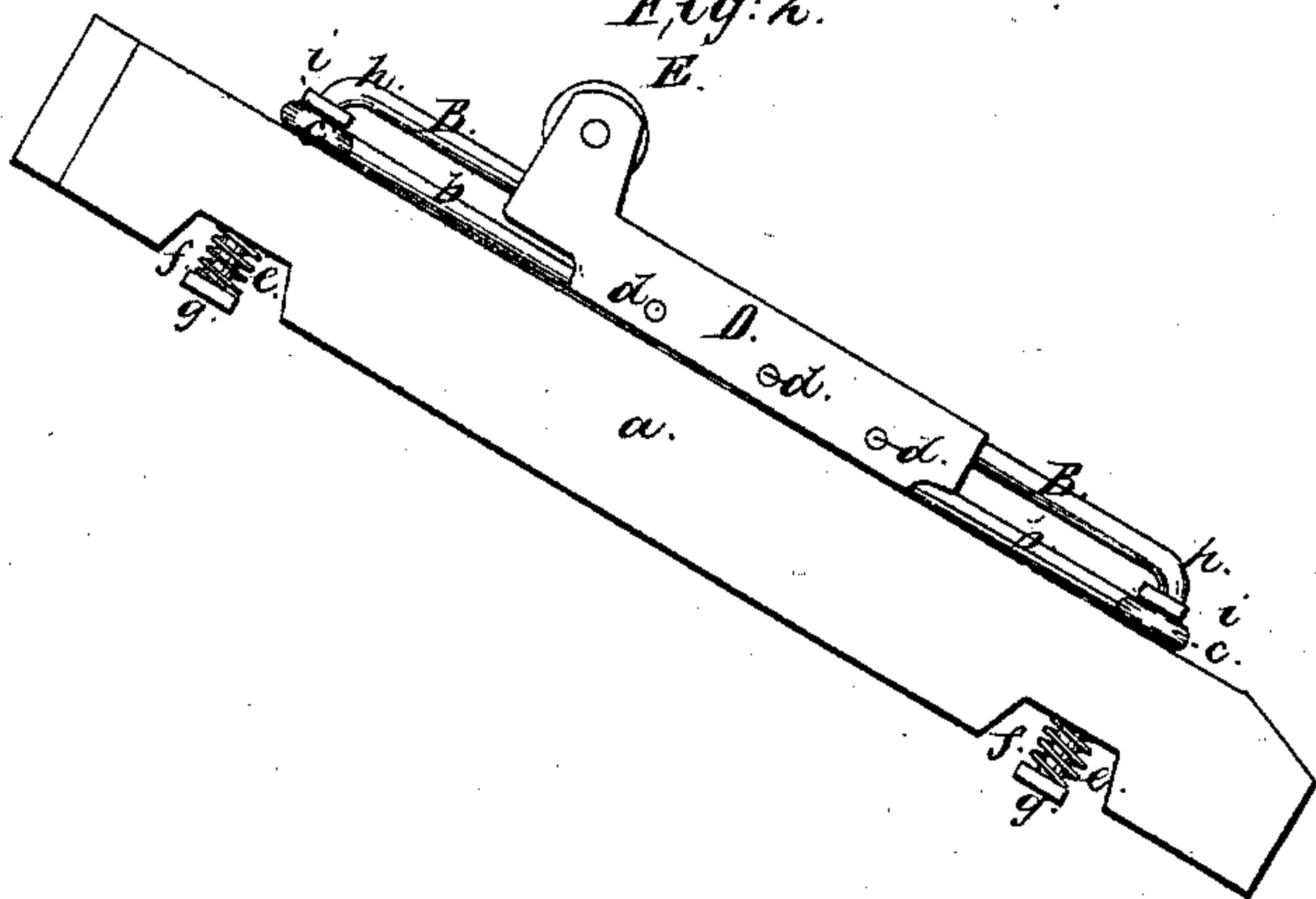


Fig: 2.

E.



Witnesses:

J. R. Drake,

Geo. W. Miatt.

Inventor:

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J. Fraint & Co
attys

United States Patent Office.

MICHAEL McGARRY, OF WESTFIELD, NEW YORK.

Letters Patent No. 77,828, dated May 12, 1868.

IMPROVED WASH-BOARD.

The Schedule referred to in these Letters Patent and making part of the same.

TO ALL WHOM IT MAY CONCERN:

Be it known that I, MICHAEL McGARRY, of Westfield, in the county of Chautauqua, and State of New York, have invented a certain new and useful Improvement in Wash-Boards; and I do hereby declare that the following is a full and exact description thereof, reference being had to the accompanying drawings, making part of this specification, in which—

Figure 1 is a front view of my improved wash-board, and

Figure 2 a side view of the same.

Like letters of reference indicate corresponding parts in both figures.

My invention consists in combining, with the wash-board and rubber, an arrangement of wire ways and spring-guides, connected as hereinafter described.

In the drawings, A is a corrugated wash-board, and C C C are corrugated rollers, forming the rubber, attached to side bearings D D, which have a handle, E.

The journals *d d* of the rollers rest on top of longitudinal ways *b b*, made of wire, having eyes *c c* at each end, that rest on the top of the side pieces *a* of the wash-board.

Clamps or guides, B B, pass over the journals *d d*, and are bent at each end, as shown at *h*, and pass through the eyes *c c* of the ways, and through the side pieces, coming out at the under side in open spaces *e e*, cut in the wood, where they are enclosed by spiral springs *f f*, which are held in place by nuts *g g*.

Washers, *i i*, are employed at each end, between the parts B *b*, to keep them in position.

The great advantage in this arrangement consists in the employment of the ways and guides *b B*.

These parts are cut from wire, of the proper length, the eyes formed in the ways, and the ends of the guides bent at right angles, and inserted through the eyes, which hold the parts together and clamp the journals between them. The ways form a smooth surface for the journals to run on, and prevent wear of the soft wood, and avoid friction; and the elasticity of the guides holds the journals down with sufficient pressure. This elasticity will allow any desired quantity of clothes to be placed under the rubber, and will adapt it to any inequality of the clothes, and the nuts *g g* will allow tightening up at pleasure.

It will be noticed that this construction and connection of the wires insure the extreme of simplicity, and render the machine enduring under constant action.

I am aware that a reciprocating rubber has before been used in connection with a wash-board, therefore my claim is only to the parts combined therewith.

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

The arrangement of the spring-guides B and ways *b*, connected by eyes *c* and bends *h*, as described, when combined with wash-board A and rubber C C, as herein set forth.

In witness whereof, I have hereunto signed my name in the presence of two subscribing witnesses.

MICHAEL McGARRY.

Witnesses:

ALBERT HAIGHT,
J. R. DRAKE.