

JOHN LA BURT.
Improvement in Washing-Machines.
No. 126,309. Patented April 30, 1872.

Fig. 1.

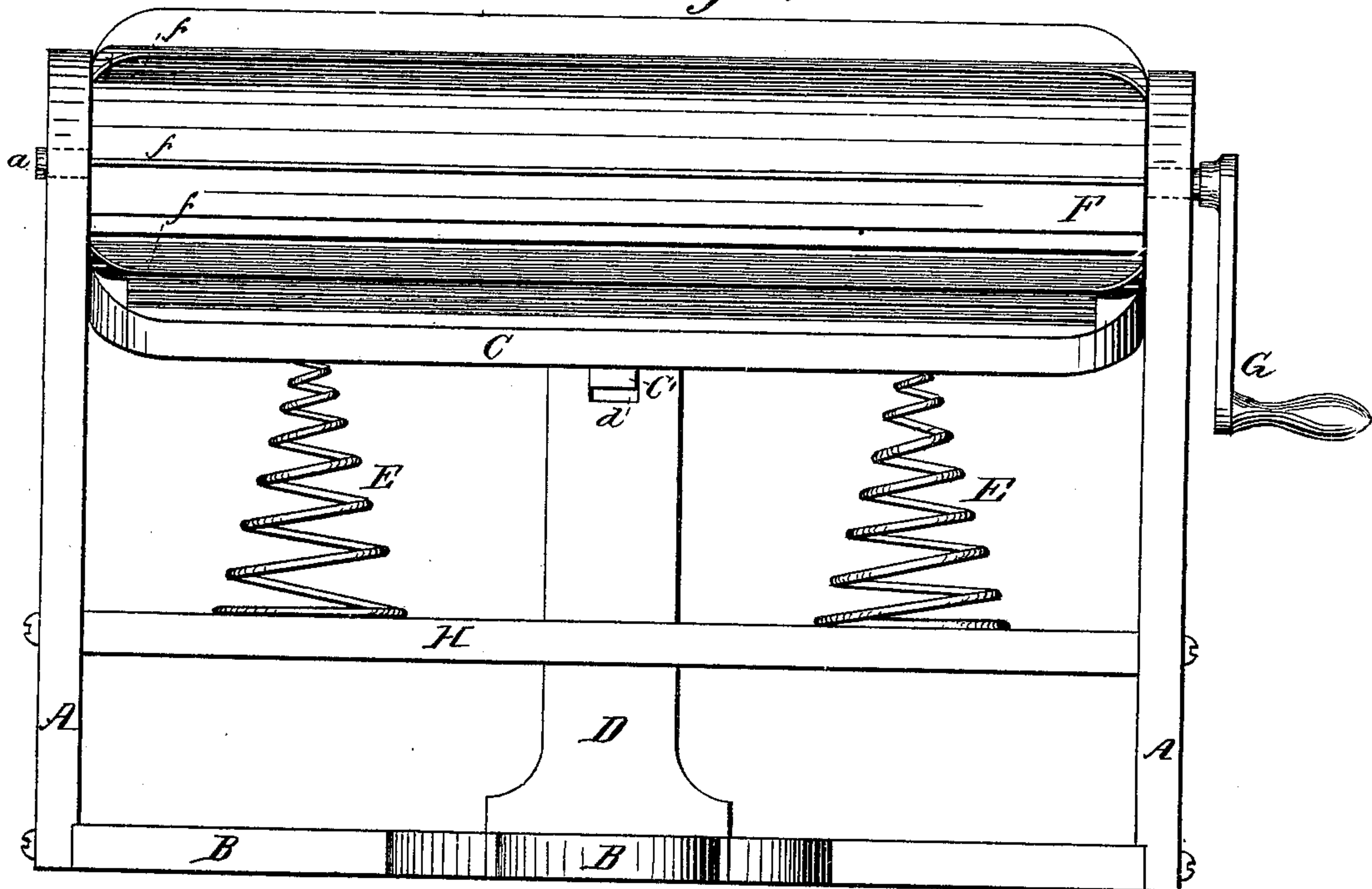


Fig. 2.

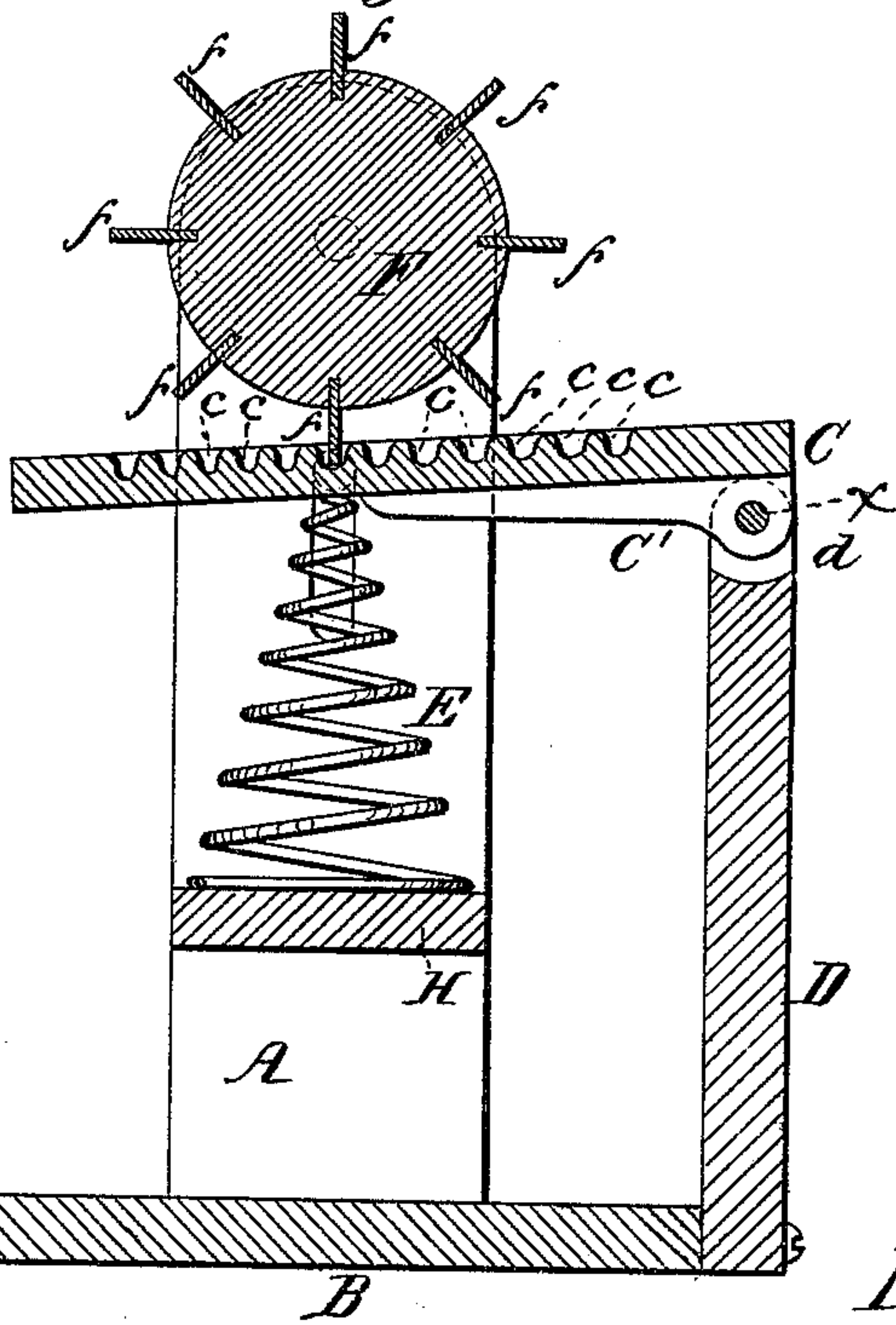
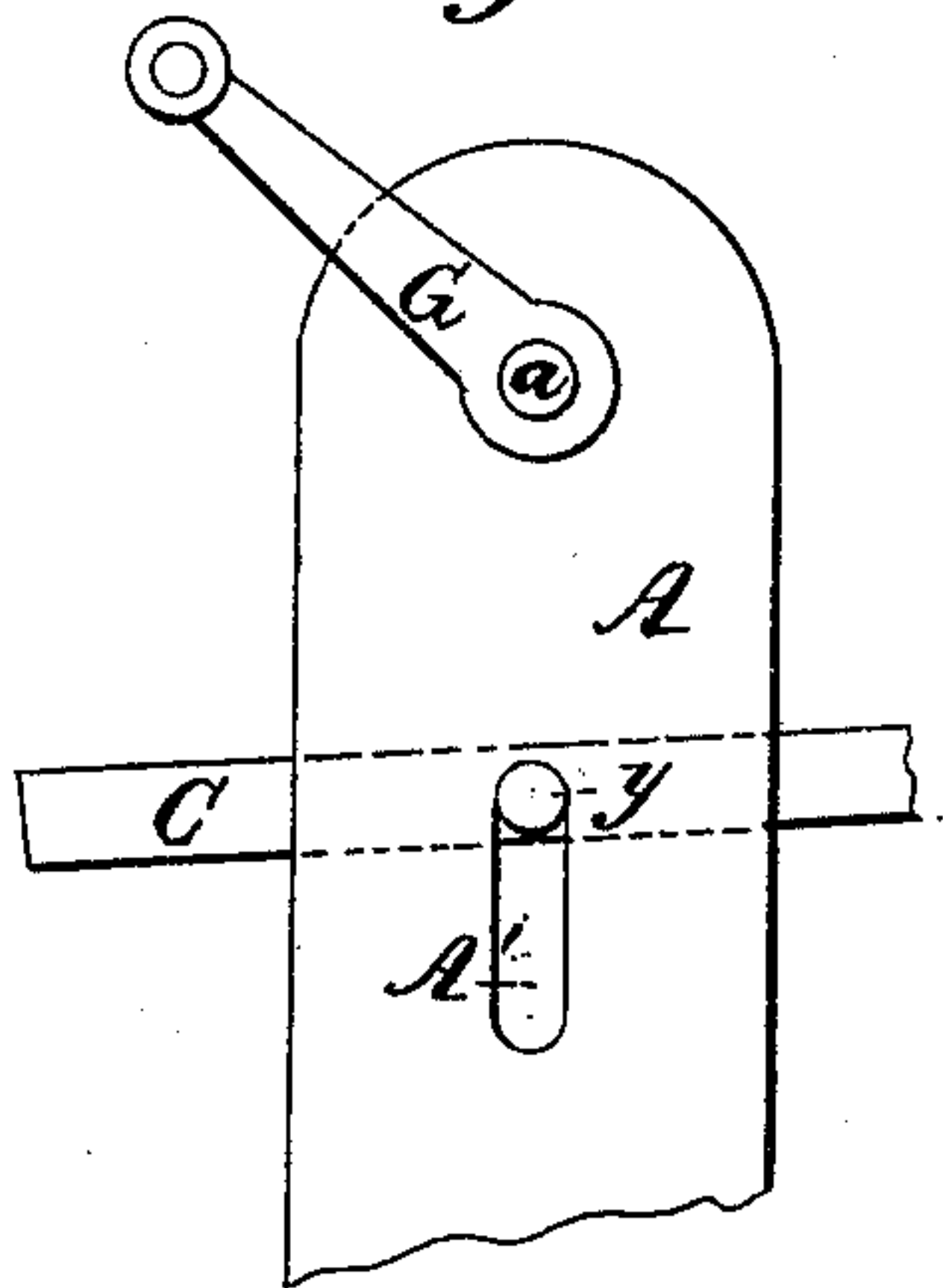


Fig. 3.



Witnesses.

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Inventor.

John La Burt
By his attorney,
McLellan & Benedict

UNITED STATES PATENT OFFICE.

JOHN LA BURT, OF NEW YORK, N. Y., ASSIGNOR OF ONE-HALF HIS RIGHT TO
KATE LEOPOLD, OF SAME PLACE.

IMPROVEMENT IN WASHING-MACHINES.

Specification forming part of Letters Patent No. 126,309, dated April 30, 1872.

Specification describing certain Improvements in Washing-Machines, invented by JOHN LA BURT, of the city, county, and State of New York.

My invention relates to a washing-machine, composed of a roller with flanges of vulcanized rubber, or similar material, working over a table with a grooved surface, the material to be washed passing between said parts, and the friction being regulated by springs under said table and supporting it.

Figure 1 is a front elevation of the machine. Fig. 2 is a vertical transverse section through the middle of the machine. Fig. 3 is an end elevation.

The frame of the machine is composed of two standards, A A, made of wood or metal, connected at lower end by a cross-piece, B, from the middle of which extends a projection, B', to which is secured the upright D. In the upper end of D is a slot, *d*. The table C is made with longitudinal grooves *c c c*, running across the upper surface, and should be strengthened by a brace, C', fastened to the under side, at right angles with the grooves. The outer end of this brace fits loosely into the slot *d* on which it plays on a pivot, *x*, inserted as represented in Fig. 2. Projecting from each end of the table C is a guide, *y*, which plays in a vertical slot, A', in standard A, regulating and limiting the movements of the table. Between the standards A A, and firmly secured to them, and between the table C and cross-piece B, is a shelf, H, on which rest the lower ends of two or more springs, E E, the upper ends of which press upon the under surface of the table C with such force that, when free, they carry it to the upper limit of its play. The roller F is made of any suitable material, and has fitted firmly to its periphery and running along its

length flanges *f f*, made of vulcanized rubber or similar material. The ends of this roller, or of a shaft extending through it, or of bearings attached to it, are inserted in openings made for the purpose in upper ends of standards A A. The flanges *f f* will then fit in grooves *c c*. The roller is made to turn by means of power applied to the crank G.

The machine can be placed in a tub, pail, or any other vessel containing water, and materials are washed by being placed upon the side of table which is hinged to the upright D, and carried between the table and the roller by the revolutions of the latter. The flanges *f f* and grooved surface of the table produce the requisite friction, while the springs E E permit the table C to yield to the pressure sufficiently to ease the labor of the operator, and prevent undue abrasion of the materials which pass through.

An advantage possessed by my invention is that it may be used in any vessel in which cloth or clothes can be washed, or it may be permanently combined with a tub of any material.

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

1. The table C, formed with longitudinal grooves *c c c*, in combination with upright D, standards A A, cross-piece B, shelf H, and springs E E, constructed and operating substantially in the manner and for the purpose set forth and described.

2. The roller F with flanges *f f*, and combined with the parts mentioned in the first claim.

JOHN LA BURT.

Witnesses:

GEO. ARNOLD,
WILLIAM E. HARRIS.