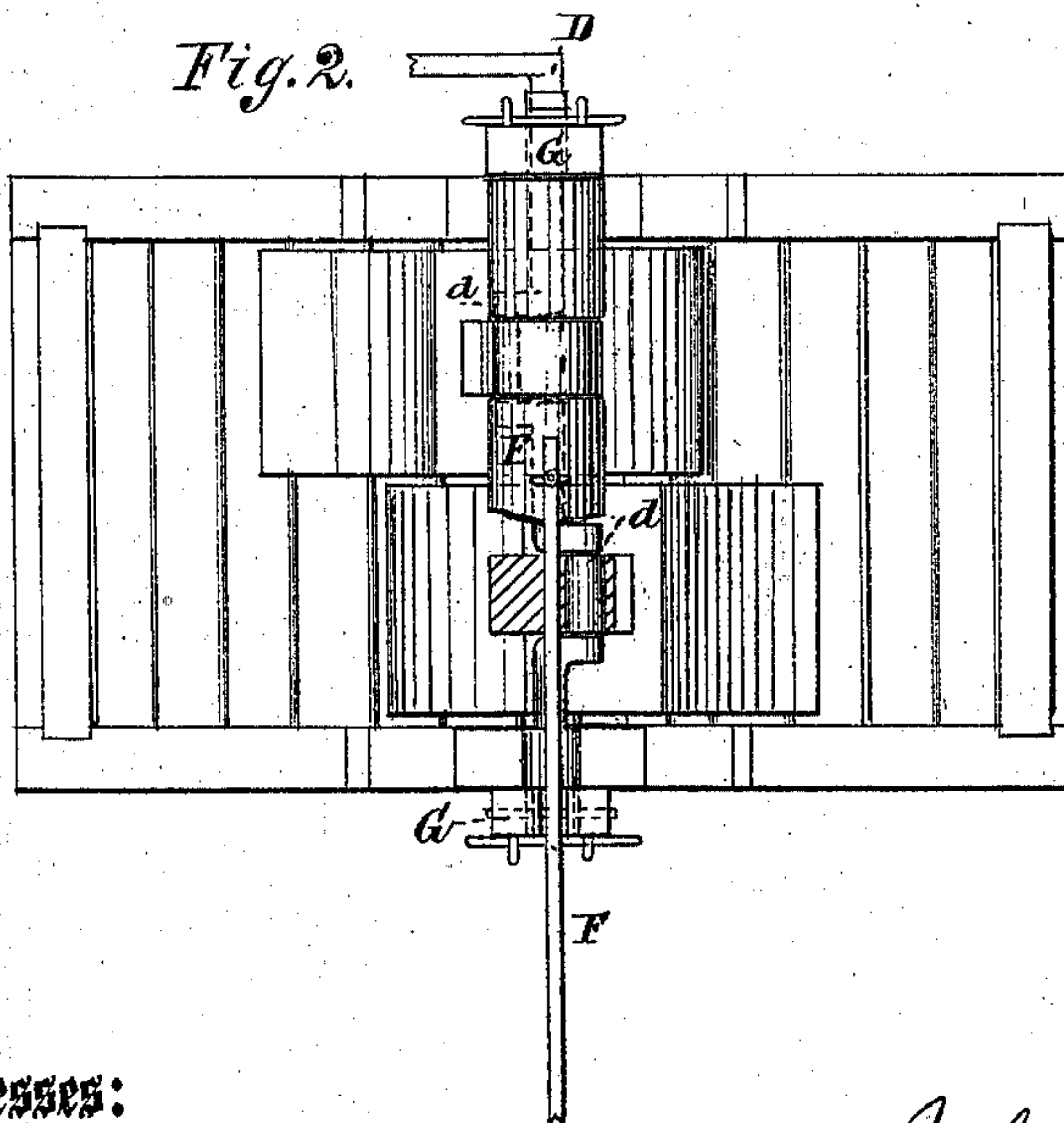
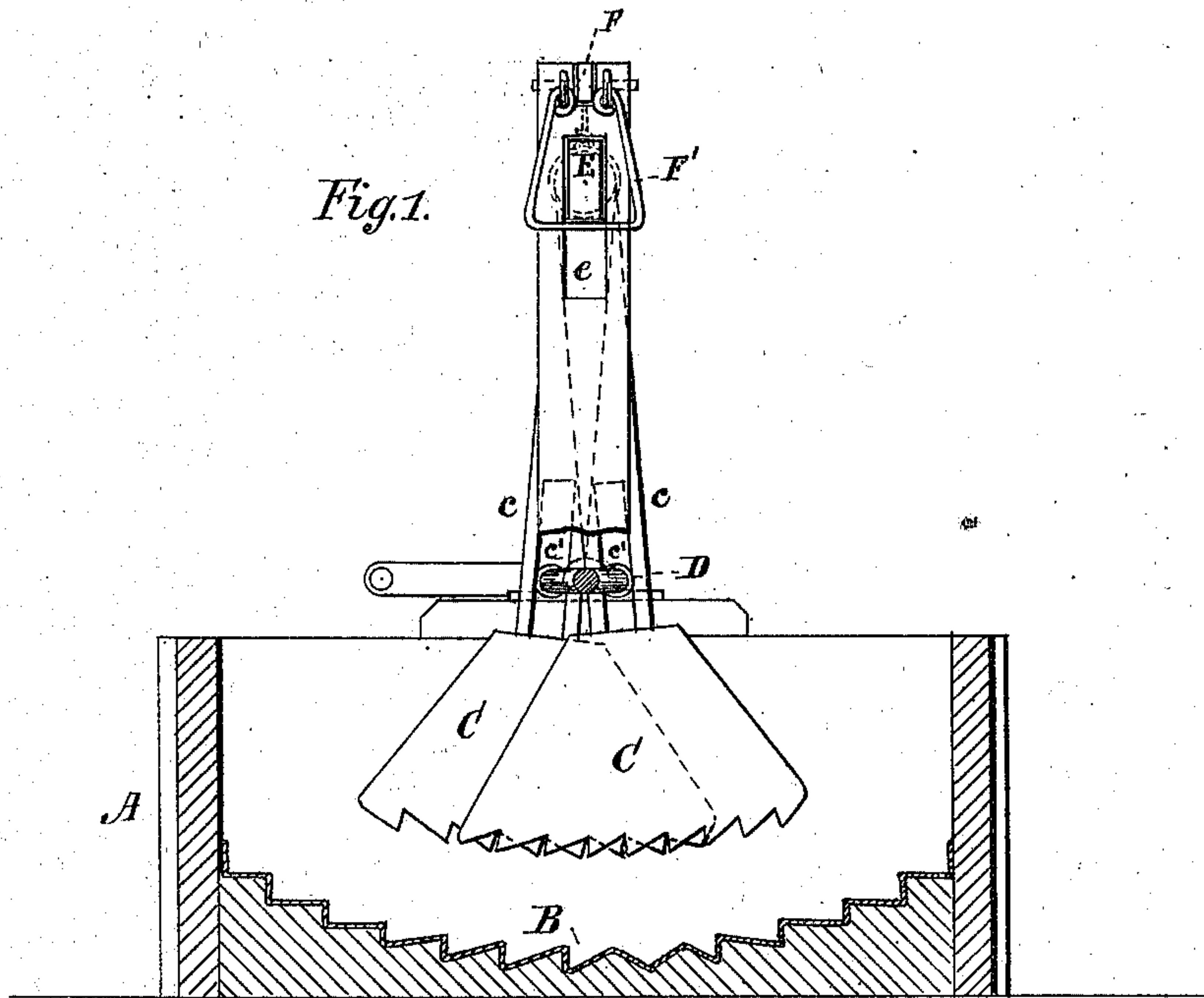


J. S. ORD.

Improvement in Washing-Machines.

No. 131,700.

Patented Sep. 24, 1872.



Witnesses:
G. Watkins.
Thos. L. L. Curand

Inventor:
John S. Ord
PER [Signature]
Attorneys.

UNITED STATES PATENT OFFICE.

JOHN S. ORD, OF SOQUEL, CALIFORNIA.

IMPROVEMENT IN WASHING-MACHINES.

Specification forming part of Letters Patent No. 131,700, dated September 24, 1872.

To all whom it may concern:

Be it known that I, JOHN S. ORD, of Soquel, in the county of Santa Cruz and State of California, have invented a Washing-Machine, of which the following is a specification:

The invention consists, first, in simultaneously operating two corrugated rubbers reversely over clothes resting upon a stationary rubber; second, it consists in combining with the aforementioned parts a lever for lifting the rubbers off the clothes when it is desired to introduce or remove them from the tub; third, it consists in a device for holding the swinging rubbers out of contact with the stationary rubber, so as to allow the clothes to be conveniently withdrawn or inserted.

Figure 1 is a side elevation partly in sections. Fig. 2 is a top view partly in sections.

A represents the wash-box; B, a corrugated bottom rubber; and C C, a pair of reversely notched or corrugated top rubbers. These latter have pendent holders *c* with the end slots *c'*, and are vibrated by a shaft, D, having two cranks, *d d*, on opposite sides thereof. They also swing from a bar, E, arranged adjustably in its bearings *e e*. F is a lever, pivoted on top of one of the posts G G, and connected at the end to the middle of bar E. By means of this device, the bar with rubbers C C may be lifted up, the yokes F' F' slipped over its ends, and clothes conveniently withdrawn or inserted.

The operation is as follows: The clothes being placed upon the bottom rubber B, the two top rubbers are let down upon them, and the crank-shaft D rotated. As the opposite cranks *d d* revolve in the end-slotted holders *c c'*, they carry the two top rubbers in opposite directions over the clothes. This causes the water to permeate the clothes and to effectually eliminate all dirt therefrom.

Having thus described my invention, what I claim as new, and desire to secure by Letters Patent, is—

1. The two reversely operated and reversely notched top rubbers C C, combined with a lower rubber, B, in a wash-box, A, as and for the purpose set forth.

2. The combination of the rubbers C C, having slotted holders *c c'*, through which passes the crank-shaft that moves them, in combination with the bar E and lever F, all as and for the purpose specified.

3. The combination of the yokes F' F' with the bar E, as and for the purpose specified.

To the above specification of my invention I have signed my hand this 19th day of April, A. D. 1872.

JOHN S. ORD.

Witnesses:

M. MEAGHER,
WM. M. ORD.