

B. B. Beckwith,

Wasting Machine.

No. 93,104.

Patented Aug 3, 1869.

Fig 1.

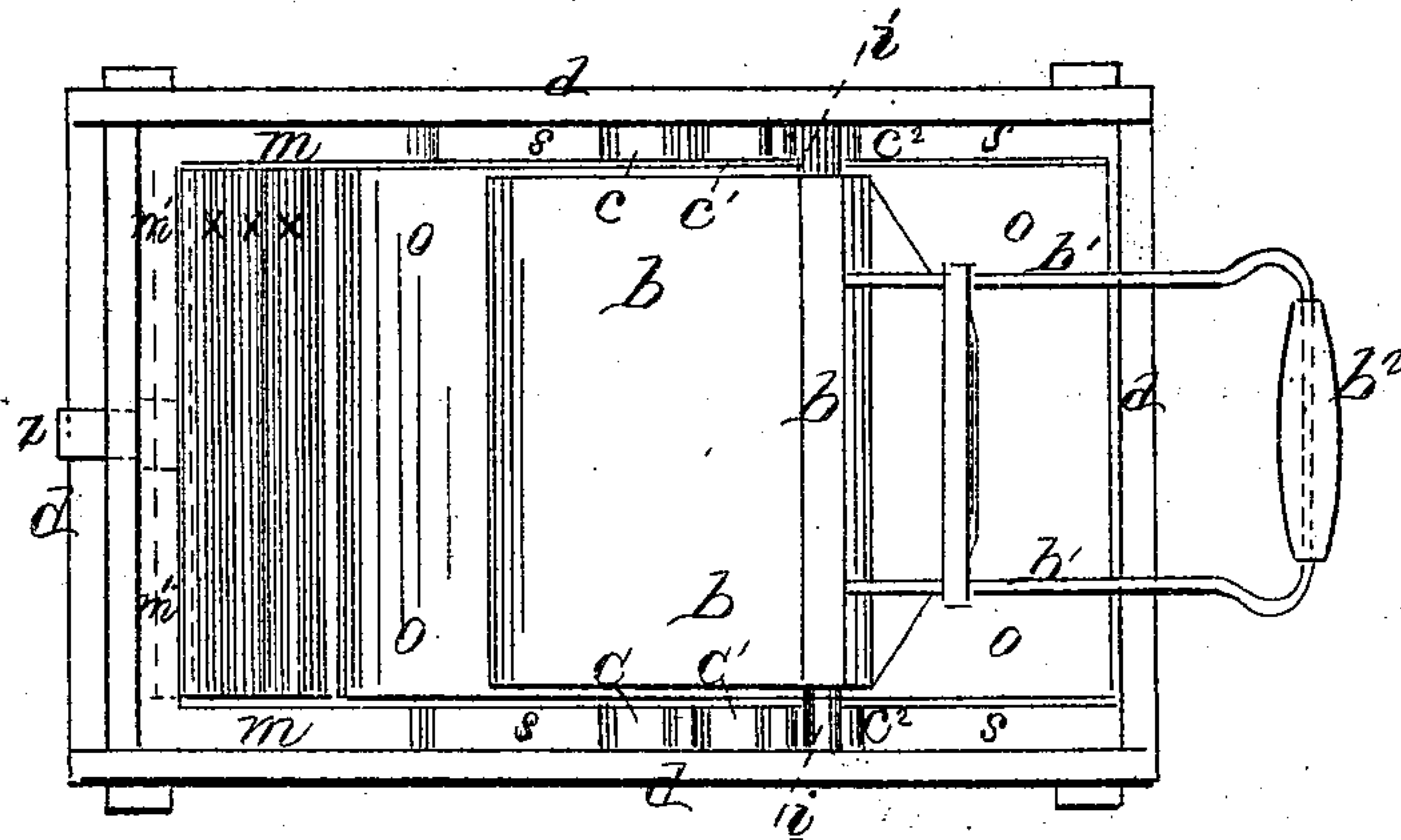
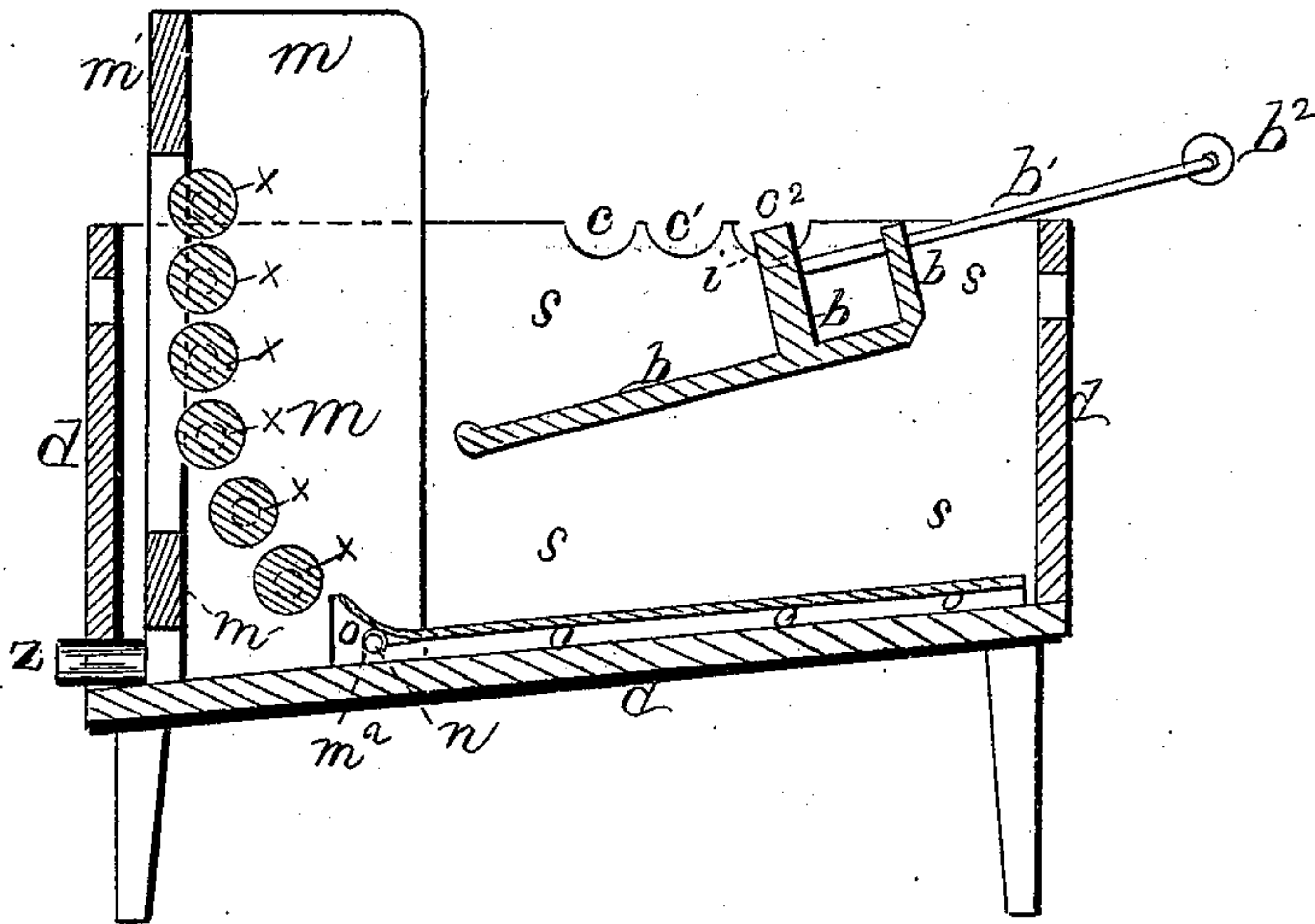


Fig 2.



Witnesses

Edwin E. Barrow

Joseph W. Bamm

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By W. E. Simonds Atty

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BARZILLAI B. BECKWITH, OF ROCKVILLE, CONNECTICUT.

Letters Patent No. 93,164, dated August 3, 1869.

IMPROVEMENT IN WASHING-MACHINES.

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, BARZILLAI B. BECKWITH, of Rockville, in the county of Tolland, and State of Connecticut, have invented a new and useful Improvement in Washing-Machines; and I declare the following to be a full and exact description thereof, reference being had to the accompanying drawings, and to the letters of reference marked thereon, forming a part of this specification.

Figure 1 is a plan view.

Figure 2 is a sectional elevation.

The same letters indicate the same parts.

The letter *a* designates an oblong (wooden) box, forming the body of the machine, made deeper at the end in which the spout *z* is inserted, that the water may be readily drawn off when desired.

Into both sides of this box fit, on the respective sides, the wooden side-pieces *s s*, which are readily removable out of the box.

They rest on the bottom of the box *a*, and extend from the shallower end to the roller-frame *m*, and abut against the roller-frame.

In the upper edges of these two side pieces are the three bearings, *c c*, *c¹ c¹*, and *c² c²*, for the axes *i i* of the washer *b* to turn in.

The letter *m* designates the (wooden) roller-frame, which fits into the deeper end of the box *a*, and with the two side pieces *s s*, just fills the sides of the box *a* lengthwise. Its upper end rises above the box *a*.

This roller-frame *m* contains and holds the rollers *x x x x x*, made of wood or other suitable material.

The two sides of the roller-frame are connected at the back by the (wooden) straps or cross-pieces *m¹ m¹*.

This roller-frame has at its lower front corners the notches *m²*, which fit down upon the studs or pins *n*, which project from the sides of the movable bottom *o*, and hold said movable bottom in its place.

The movable bottom *o* is faced on its upper surface with zinc, or other suitable material, and is raised somewhat from the bottom of the box *a* by (wooden)

ribs or slats attached to its under surface, running lengthwise of the movable bottom.

This movable bottom curves upward as it advances to meet the rollers *x x x x x*, that it may form a kind of continuous surface to and with them.

This movable bottom readily comes out of the box *a* when the roller-frame *m* and the side pieces *s s* are taken out.

The letter *b* designates the washer, its lower part made of wood, with a handle, *b¹ b¹*, made of round iron, or the like, and with a loose wooden roller, *b²*,

This washer turns freely on the axes *i i* in the bearings *c c*, *c¹ c¹*, *c² c²*.

These bearings are three in number, that the washer *b* may be placed at such a distance from the rollers as to accommodate itself to the quantity of clothes to be washed.

The advantages of this machine are—

First, it is simple.

Second, it readily accommodates itself to the quantity of clothes to be washed.

Third, by forcing the clothes again and again against the rollers, it forces the water through and through them, and thoroughly washes them.

Fourth, all its parts are readily removable, to be cleaned.

Fifth, it allows the dirt and grit, after they are separated from the clothes, to fall down behind the rollers and under the movable bottom, and prevents them from further contact with the clothes.

I claim, as my invention—

The movable side pieces *s s*, having the bearings *c c*, *c¹ c¹*, *c² c²*, the washer *b*, in combination with said side pieces, the roller-frame *m*, containing the rollers *x x x x x*, and the movable bottom *o*, all constructed substantially as described, and operating for the purpose described.

Witnesses: BARZILLAI B. BECKWITH.

BENEZET H. BILL,

KATE GRIGGS BILL.