

(No Model.)

W. B. HUBER.
WASHING MACHINE.

No. 323,336.

Patented July 28, 1885.

Fig 1

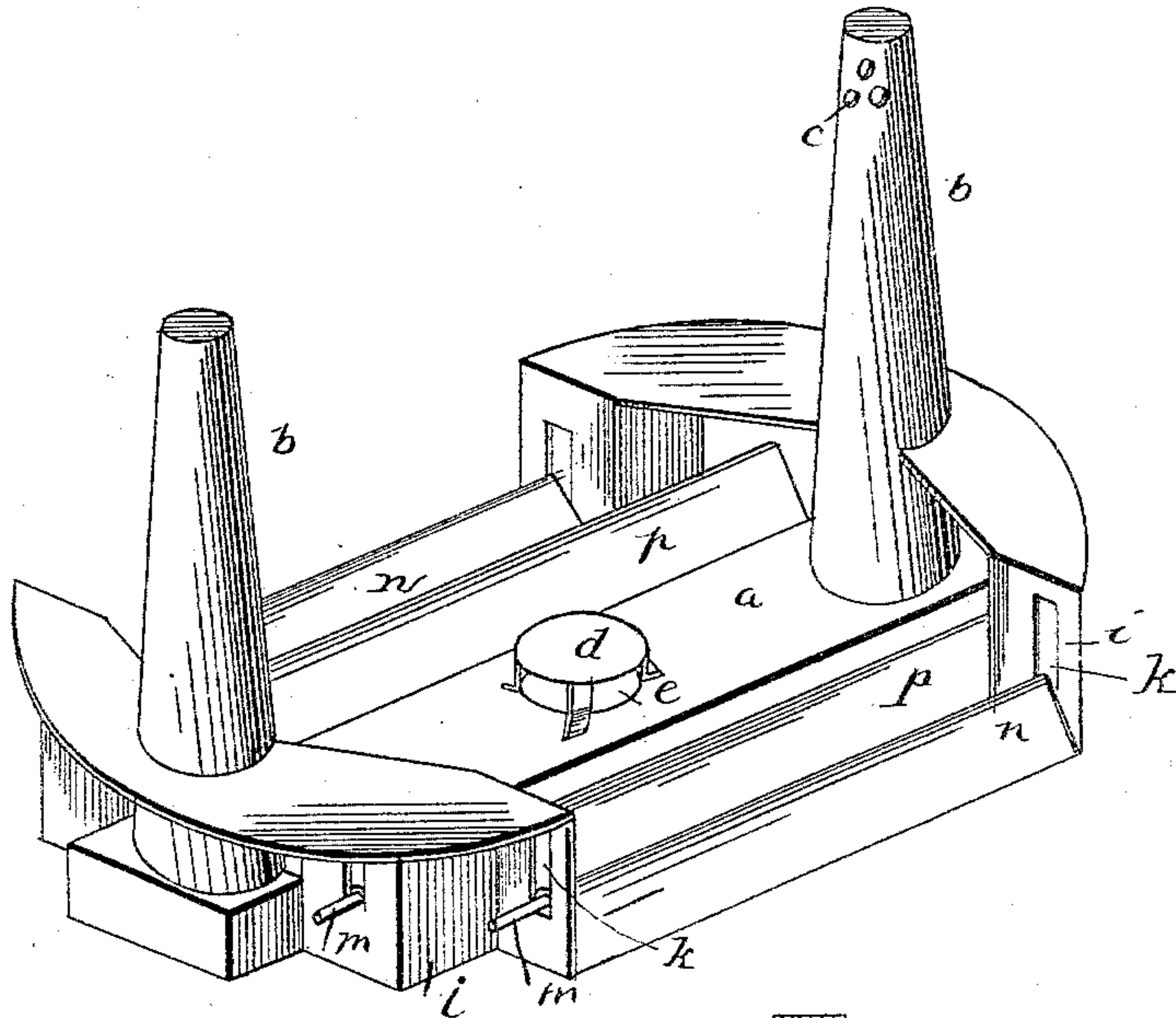


Fig 2

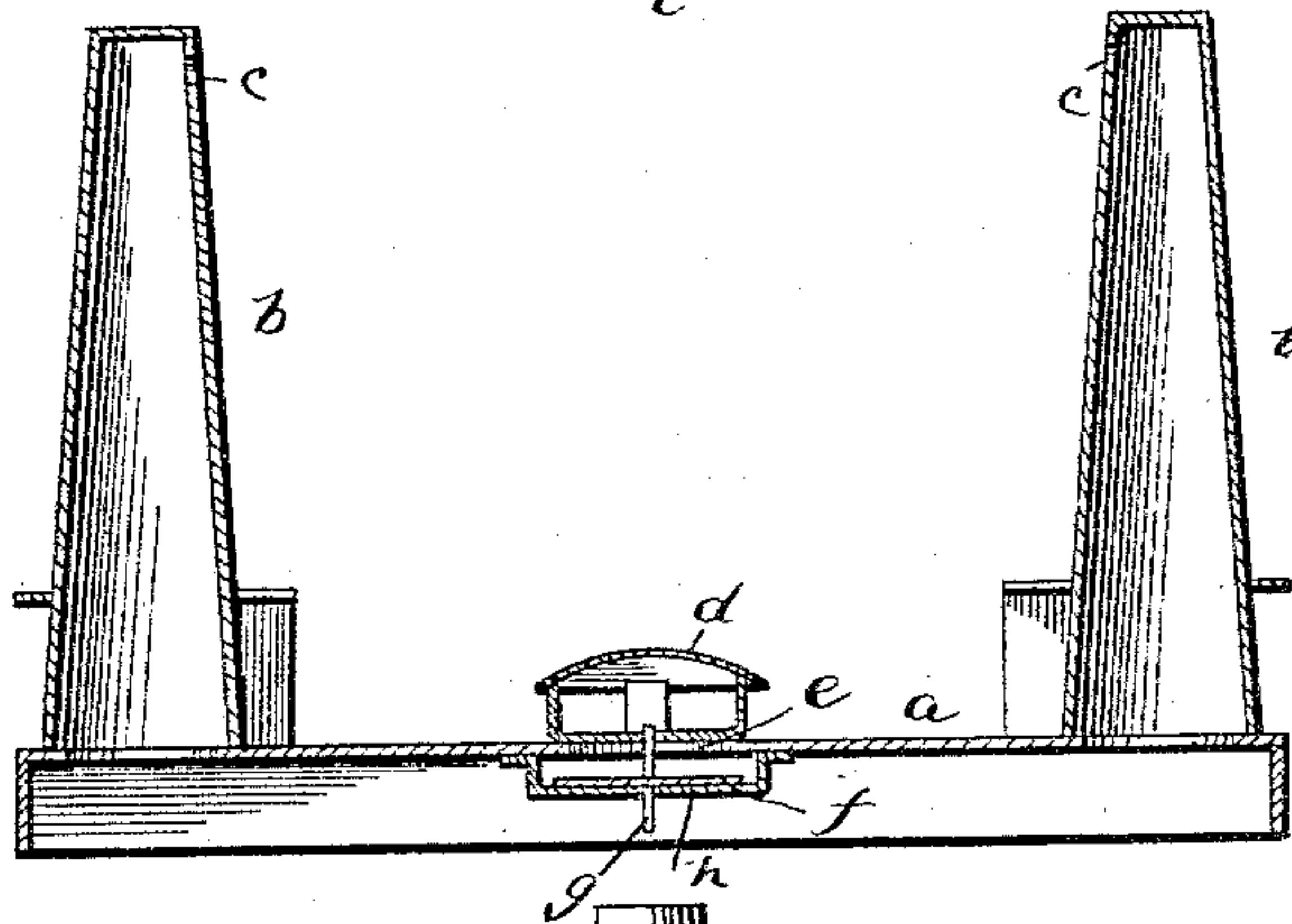
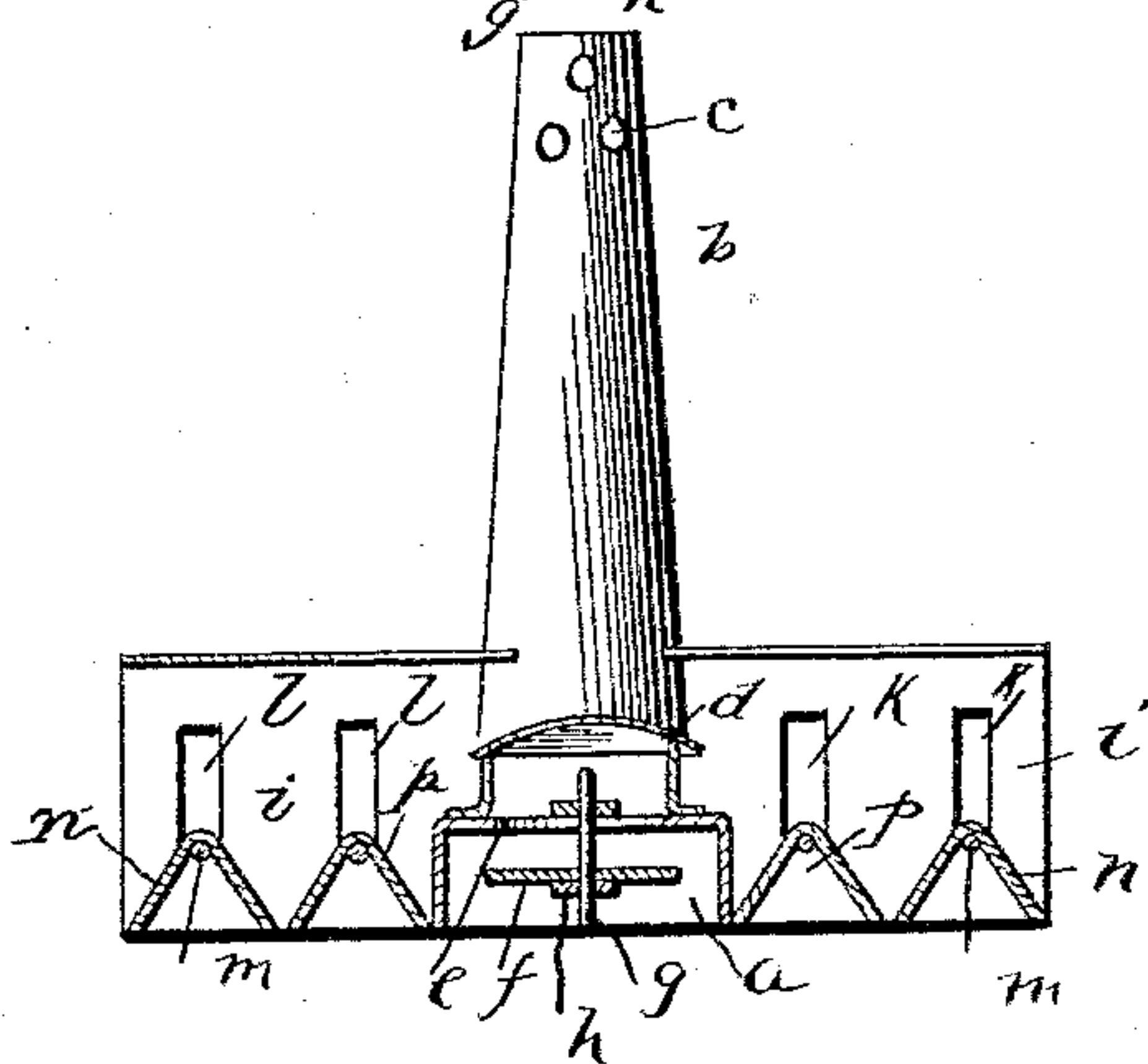


Fig 3



WITNESSES

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WILLIAM BIGLER HUBER, OF FREMONT, NEBRASKA.

WASHING-MACHINE.

SPECIFICATION forming part of Letters Patent No. 323,336, dated July 28, 1885.

Application filed April 5, 1884. (No model.)

To all whom it may concern:

Be it known that I, WILLIAM B. HUBER, a citizen of the United States, residing at Fremont, in the county of Dodge and State of Nebraska, have invented a new and useful Washing-Machine, of which the following is a specification, reference being had to the accompanying drawings.

This invention has relation to steam washing-machines; and it consists in the construction and novel arrangement of parts, as will be hereinafter fully described, and particularly pointed out in the claims.

Figure 1 is a view in perspective of my improvements. Fig. 2 is a transverse vertical sectional view, and Fig. 3 is a vertical longitudinal sectional view.

Referring by letter to the accompanying drawings, *a* designates the central compartment or forcing-chamber of the steamer, which is provided with two vertical pipes, *b b*—one at each end of the forcing-chamber—which are perforated in their opposing faces near their upper ends, as at *c*. At the middle portion the forcing-chamber is provided with a valve cap or guard, *d*, secured to its upper face; a valve-opening, *e*, below the valve-guard; a valve, *f*, within the forcing-chamber, having a stem, *g*, working in a guide, *h*, within the chamber *a*. The ends of the steam-table are curved on their horizontal flanges to fit the interior of an ordinary wash-boiler, and their vertical walls *i* are made angular and provided with vertical slots *k k* and *l l*, which form the bearings for the journals or shafts *m m* of the triangular-shaped (in cross-section) agitators *n n* and *p p*. The intermediate agitators, *p p*, are longer than the outer ones, *n n*.

In operation the steamer is placed in an ordinary wash-boiler and rests on the bottom of the same. About two inches of water is then poured in the boiler and the clothes to be washed are placed upon the steamer table. When the water boils, the agitators work up and down and keep the clothes moving and loosen them, and at the same time the valve closes the valve-opening and streams of water are forced up through the pipes and pour down upon the clothes and thoroughly steam and wash them.

This steamer is cheap and simple and washes the clothes thoroughly.

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

1. In a steam washing-machine, the combination, with the vertically-slotted end walls of the steamer-table, of the triangular-shaped agitators, having bearings in the vertical slots, substantially as specified.

2. A steam washing-machine having the forcing-chamber provided with the vertical perforated pipes and the valve and the agitators, substantially as described.

3. A steam washing-machine having the forcing-chamber provided with the vertical perforated pipes and the agitators, which are secured in vertical slots in the end walls of the machine, substantially as described.

In testimony that I claim the foregoing as my own I have hereto affixed my signature in presence of two witnesses.

WILLIAM BIGLER HUBER.

Witnesses:

LINCOLN J. LEE,
A. W. AVERY.