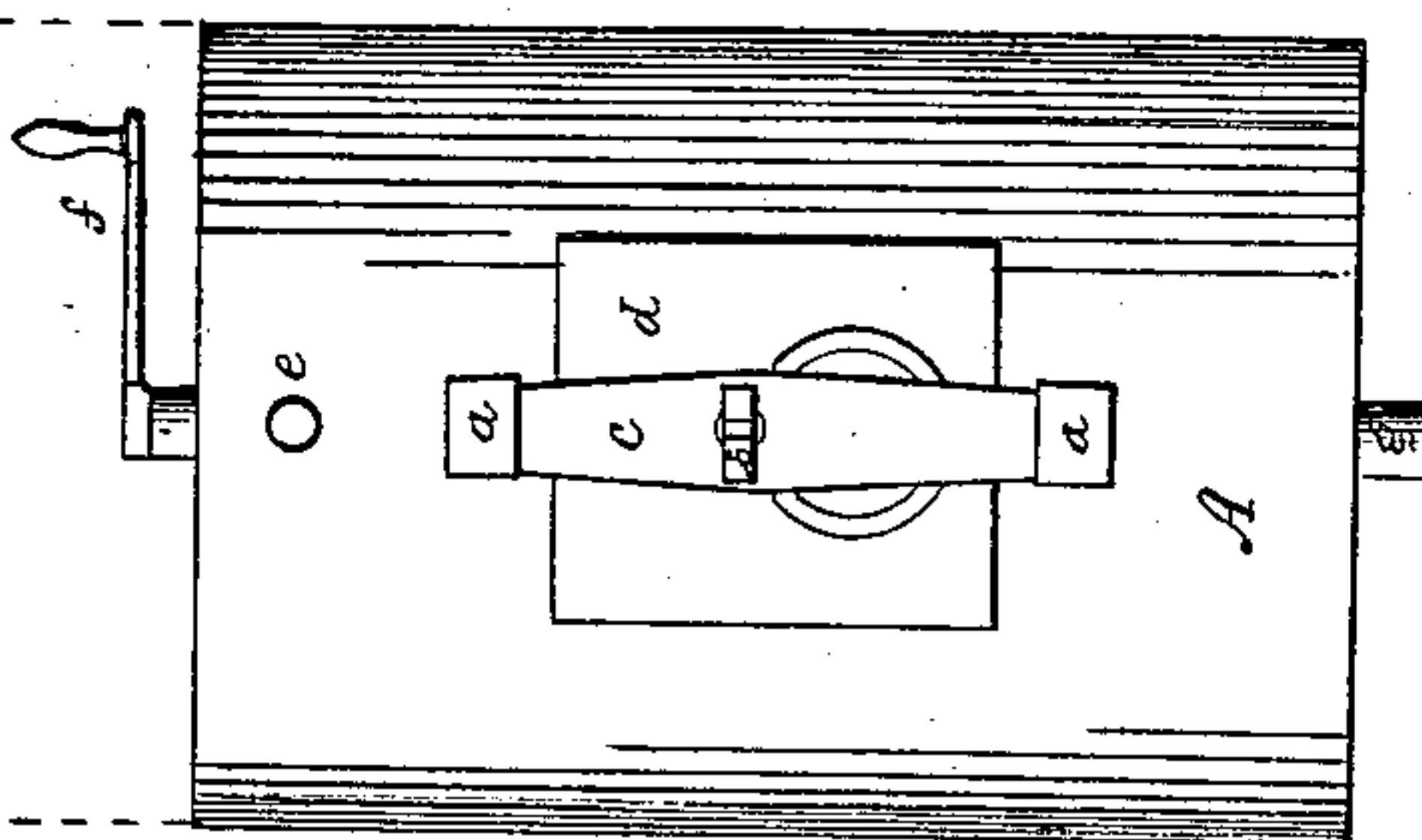
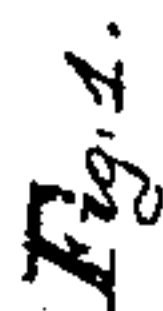
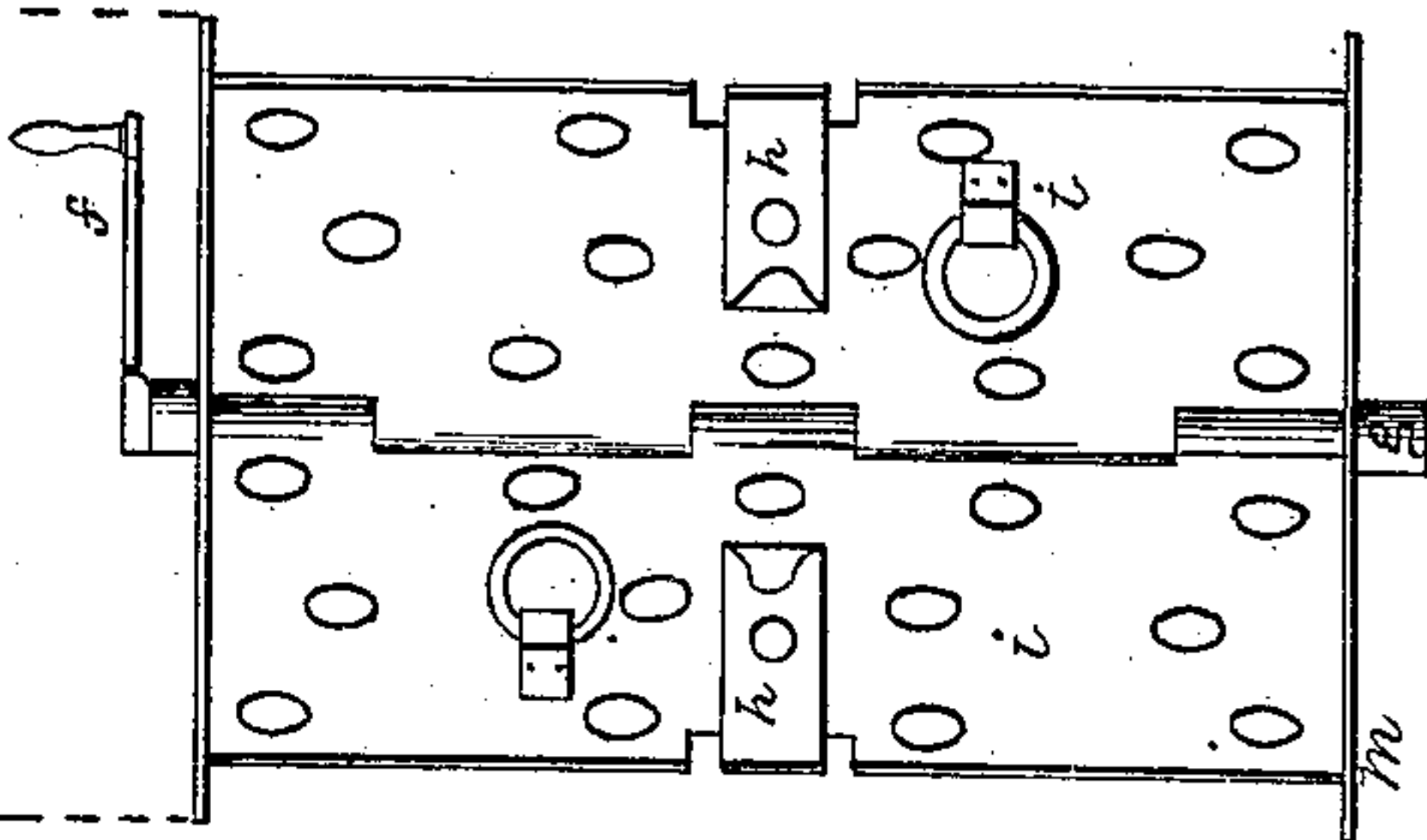
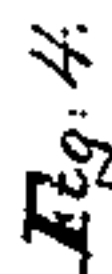


Patented Oct. 9, 1855.



John A. Bills.

UNITED STATES PATENT OFFICE.

JOHN A. BILLS, OF TROY, NEW YORK.

WASHING-MACHINE.

Specification of Letters Patent No. 13,635, dated October 9, 1855.

To all whom it may concern:

Be it known that I, JOHN A. BILLS, of Troy, county of Rensselaer, and State of New York, have invented a new and useful
5 Improvement in Washing-Machines; and I do hereby declare that the following is a full, clear, and exact description of the construction and operation of the same, reference being had to the annexed drawings,
10 making a part of this specification, in which—

Figure 5 is a perspective view. Letter A is a cylinder or barrel revolving on a frame and upright posts P P P. *g* is one of the
15 gudgeons with a hole *s* drilled through it to introduce steam into the cylinder by means of a hose or pipe leading to any steam generator. *d* is the door to introduce the clothes into the machine. *c* is a cross bar to hold
20 the door fast tightened by the thumb screw *b*. *a a* are staples to hold the cross bar. *e e* are vent holes to allow the steam to pass through the clothes and the inflated air to pass off. *f* is the crank.

25 Fig. 4 is an end view after one head of the machine is taken off showing the machine divided into three equal compartments by the partitions *i, i* and *i o*. The partition *i o* is stationary, but the other two (and in
30 which consists the value of the machine and which I claim as new) are movable and swing on hinges or pivots from one to the other or from K to K either way as desired.

By means of these swinging partitions I am enabled to distribute the clothes around the
35 inside of the machine in such a manner as to balance the machine and it revolves with ease the clothes are in smaller parcels and more easily acted upon by the suds and steam in which they are alternately im-
40 mersed. I require but one door and the whole is easy, simple, and durable. *w, w, w* are the compartments or divisions of the cylinder. *h h* are small pieces of wood fastened to the inside of the machine to hold
45 the partitions *i i* in their place by means of the buttons *h h*.

Fig. 3 is a front view of the swinging partitions perforated with holes to allow the steam and suds to pass from one division of
50 the machine to the other as it revolves.

Fig. 2 is an end view of the machine.

Fig. 1 is a top view showing the door *d* cross bar *c* staples *a a* crank *f* gudgeon *g*
55 and vent hole *e*.

Having thus explained the nature and manner of manufacturing and working my machine I wish it understood that all I claim as new and for which I ask Letters Patent is—

The movable partitions *i, i*.

JOHN A. BILLS.

Witnesses:

J. S. BARNEY,
WM. A. FOLLETT.