

O. D. Beebe,
Washing Machine,

Nº 55,986.

Patented July 3, 1866.
Fig: 1.

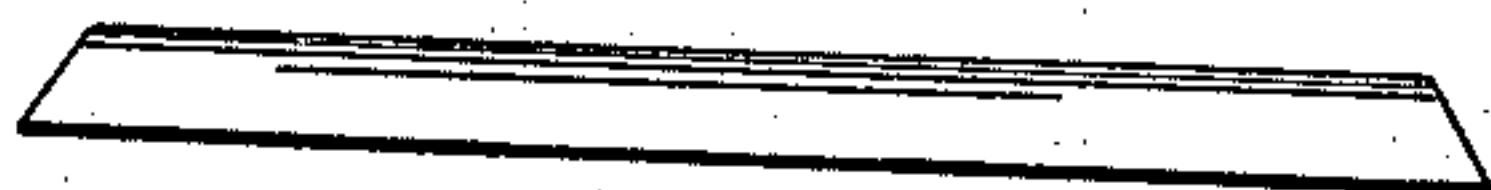
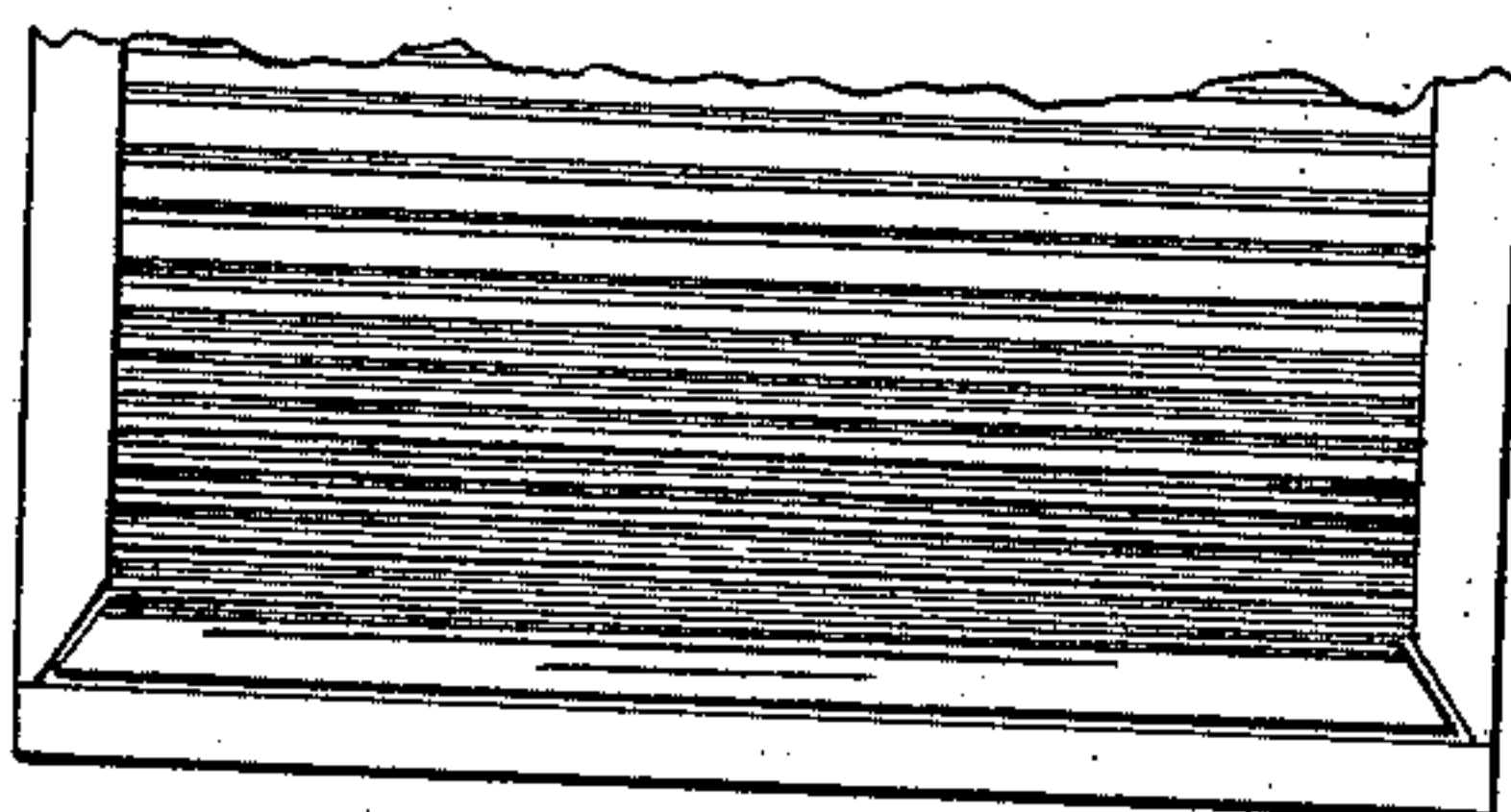
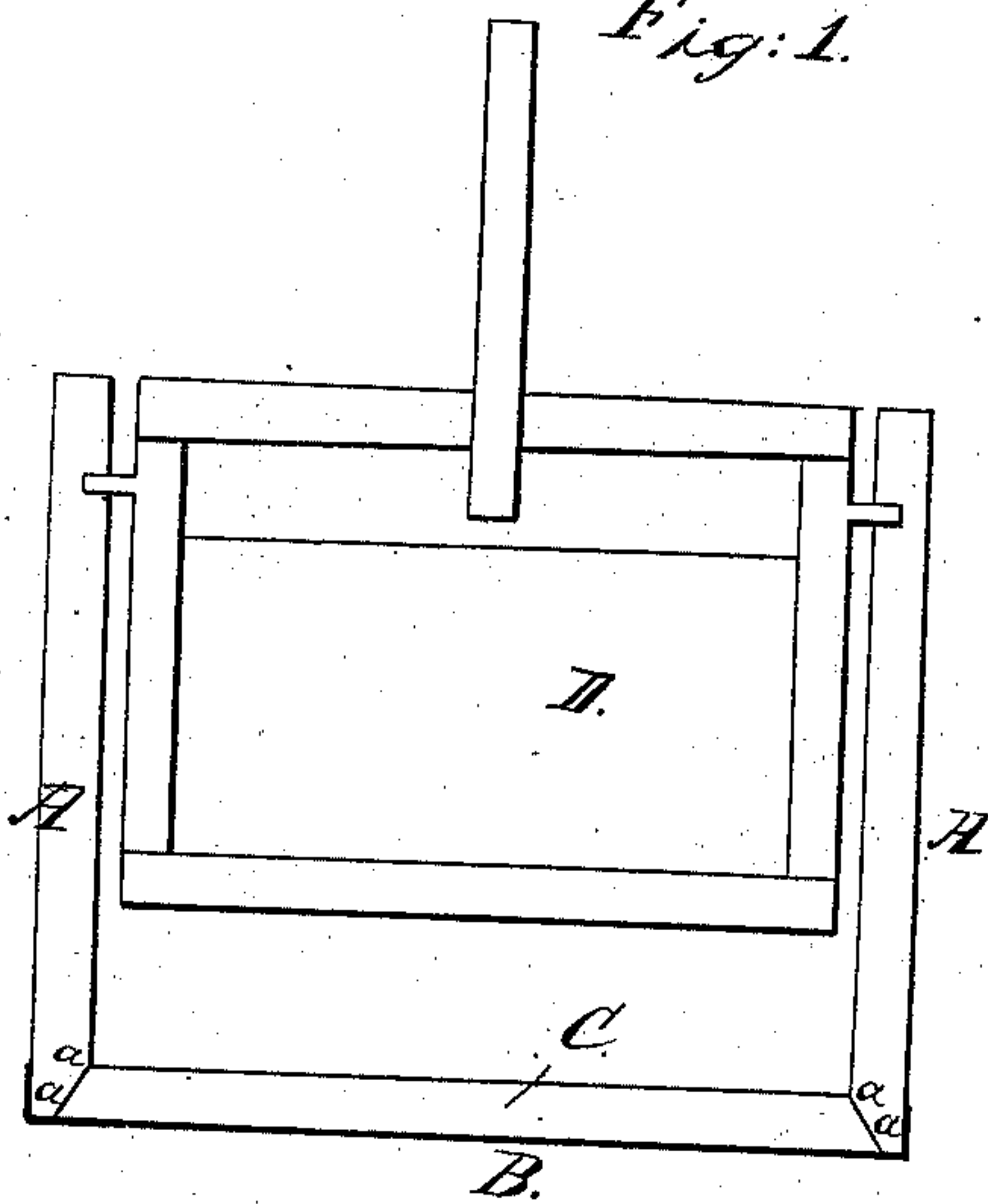
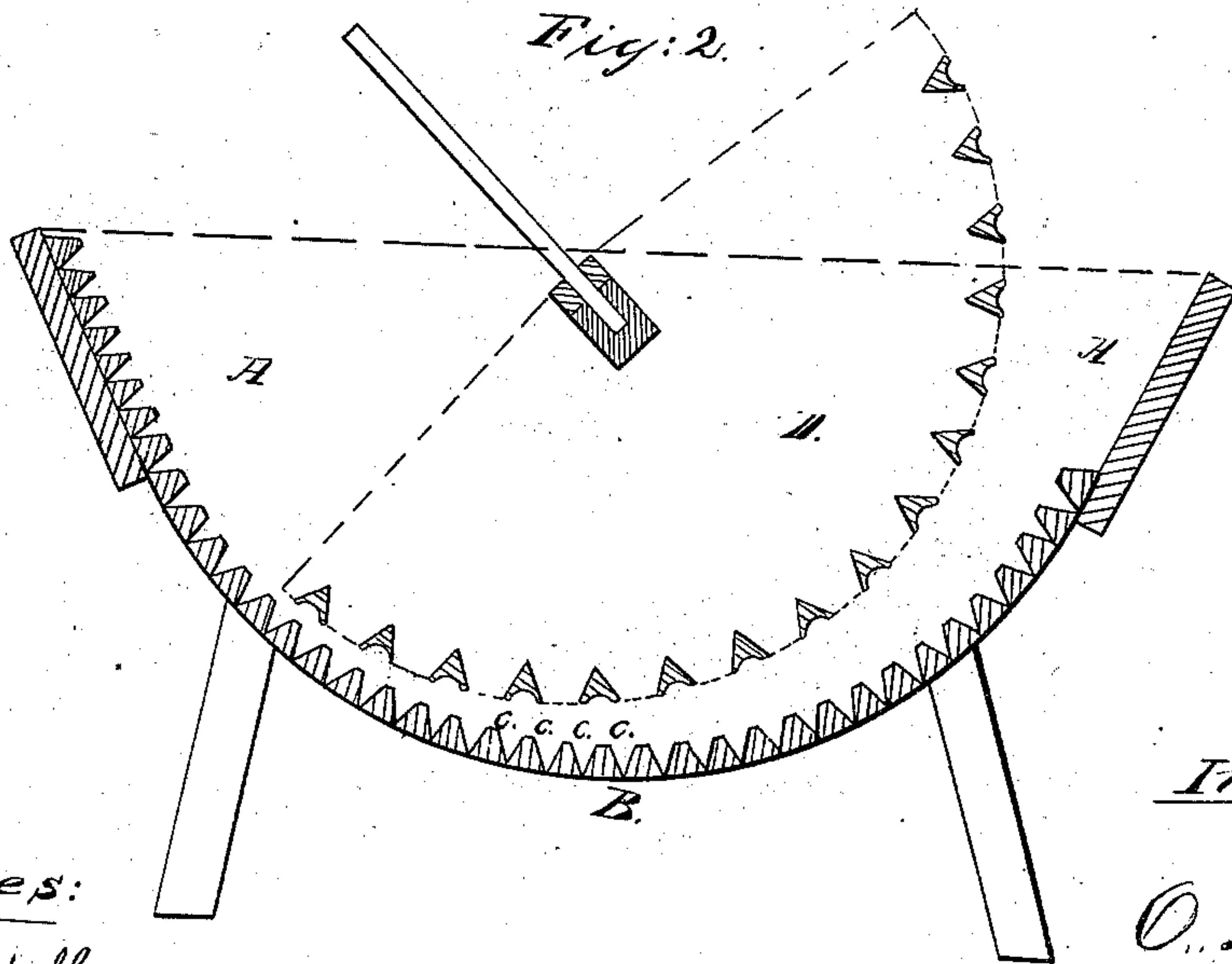


Fig: 2.



Inventor:

O. D. Beebe

Witnesses:

Chas. W. Russell

for my D. Lawrence

UNITED STATES PATENT OFFICE.

ORMUS D. BEEBE, OF BEAVER DAM, WISCONSIN.

IMPROVEMENT IN WASHING-MACHINES.

Specification forming part of Letters Patent No. 55,986, dated July 3, 1866.

To all whom it may concern:

Be it known that I, ORMUS D. BEEBE, of the city of Beaver Dam, in the county of Dodge and State of Wisconsin, have invented new and useful Improvements in Washing-Machines; and I do hereby declare that the following is a full, clear, and exact description thereof, reference being had to the accompanying drawings, making a part of this specification, in which—

Figure 1 is a cross-section taken in a vertical plane through the center of a machine to which my invention relates, showing as my improvement the mode of securing the slats in the bottom of the tub, which bottom is made of zinc or other metallic substance. Fig. 2 is a longitudinal section taken in a vertical plane through the machine, showing the slats in the bottom of the tub when properly adjusted, the slats being continued to the top of the tub on one end, so as to form a convenient hand rub-board, while on the other end the slats are left off, thereby making a convenient place for fastening a wringer.

Similar letters of reference indicate corresponding parts in the figures.

This invention relates to that class of washing-machines constructed with fluted rubbing-surfaces formed by slats arranged upon an oscillating rubber hung within a slatted concave washing-tub.

Washing-machines as usually constructed, with rubbing-surfaces permanently fastened upon or near the bottom of tubs composed of wood, retain moisture, which causes the wood to soon decay, and slats thus secured often expand so as to open the tub, rendering the machine nearly worthless, because of the trouble and expense of repairing; hence the necessity of so constructing a washing-machine that it may be readily dried after use, and also, when necessary, it may be easily repaired.

The object of my invention is, first, to construct a washing-machine with a zinc or other metallic bottom, so as to apply heat for the purpose of heating or keeping the water hot within the tub, and also to dry the machine after using, if necessary; second, to secure the slats in the bottom of the tub, so as to permit them to expand and move within the tub without injuring the same, and also that the slats may be readily replaced, when necessary, without the drawing of nails or otherwise taking the machine apart, thus making a durable, cheap, and easily-repaired machine.

To enable others skilled in the art to make and use my invention, I will proceed to describe its construction and operation.

A A represent the sides of suds-box or tub; B, the metallic bottom; C C, the slats; D, the rubber.

A A in Fig. 1 represent the sides of the tub, showing my method of securing the slats C C, as at *a' a''*, which is by having the slats extend under the sides A A upon the metallic bottom B, the slats being slipped in after the tub is finished.

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

1. Securing the slats C C within the tub upon the metallic bottom by having them extend under or mitering with the sides A A, substantially as and for the purposes herein set forth.

2. The combination of the metallic bottom with the slats C C, lying thereon and mitered with the sides, as herein set forth.

ORMUS D. BEEBE.

Witnesses:

C. W. RUSSELL,
E. A. CRANE.