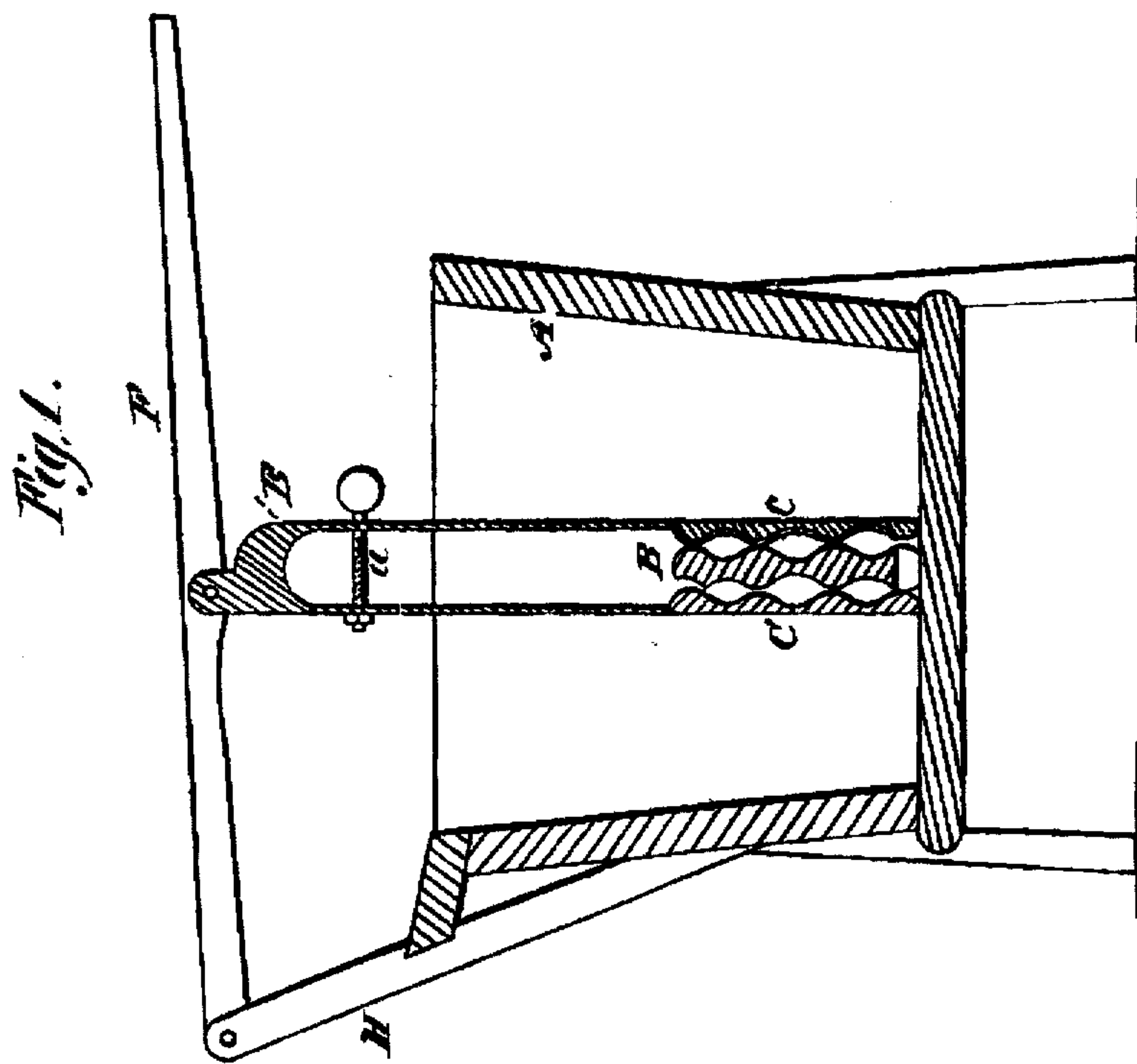


J. R. Morrison,

Washing Machine.

N^o 33,490.

Patented Oct. 15, 1861.



Witnesses.

C. M. Alexander.
M. H. Dow.

Inventor

John R. Morrison.

UNITED STATES PATENT OFFICE.

JOHN R. MORRISON, OF EAST SPRINGFIELD, OHIO.

IMPROVED WASHING-MACHINE.

Specification forming part of Letters Patent No. 33,490, dated October 15, 1861.

To all whom it may concern:

Be it known that I, JOHN R. MORRISON, of East Springfield, in the county of Jefferson and State of Ohio, have invented certain new and useful Improvements in Washing-Machines; and I do hereby declare that the following is a full, clear, and exact description of the same, reference being had to the accompanying drawings, and to the letters of reference marked thereon.

In the annexed drawings, making a part of this specification, A represents the wash-box, which may be constructed in the shape represented, or it may be made round or any other desirable shape. This box is divided by a partition B, which may be provided with corrugated zinc on both sides, as is usual with the ordinary wash-board. The partition B extends from the bottom of the box to about one-half its height. It may be higher or lower than this, but I usually have the partition about one-half the height of the box.

C C represent two rubbers which are corrugated and covered with zinc, and which are secured to the lower ends of the spring-bow E. These rubbers embrace the partition B between them and press against it.

E represents a bow, the arms of which may be made either of metal or wood, so that they will spring. The top of this bow is provided with a slot, into which a lever F is secured by means of a pivot or pin. An upright H extends up by the side of the box A.

F represents a lever, one end of which is pivoted to the top of the upright H, while the other end is free to be grasped by the hand for use. The bow E is attached to the lever near its center.

a is a screw which passes through the arms of the bow for the purpose of opening or closing them or for increasing or decreasing the pressure of the rubbers upon the dividing-board.

When this machine is to be used, the clothes are placed in the box, and, being wet, are spread over the dividing-board B. The rubbers C C then pass down over the clothes and press them tightly against it. The hand is then placed on the lever, and when it is worked up and down the rubbers C C rub and wash the clothes. When it is desired to change the position of the clothes, the lever is raised, so as to remove the rubbers from the board B. The clothes are then adjusted and the rubbers are returned to their position for washing. The rubbers, as also the dividing-board, may be made in a skeleton form, so as to allow of a free passage of water through them to the clothes. It will readily be seen that by means of this arrangement a very simple and effective machine is made—a machine which cannot get out of order, and which can be used by any one, however unskillful, with perfect success.

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

The spring-bow E, constructed as described and provided with the set-screw a, when used in connection with the lever F and the dividing-board C, the whole being arranged to operate as and for the purpose specified.

JOHN R. MORRISON.

Witnesses:

C. M. ALEXANDER,
M. M. DOW.