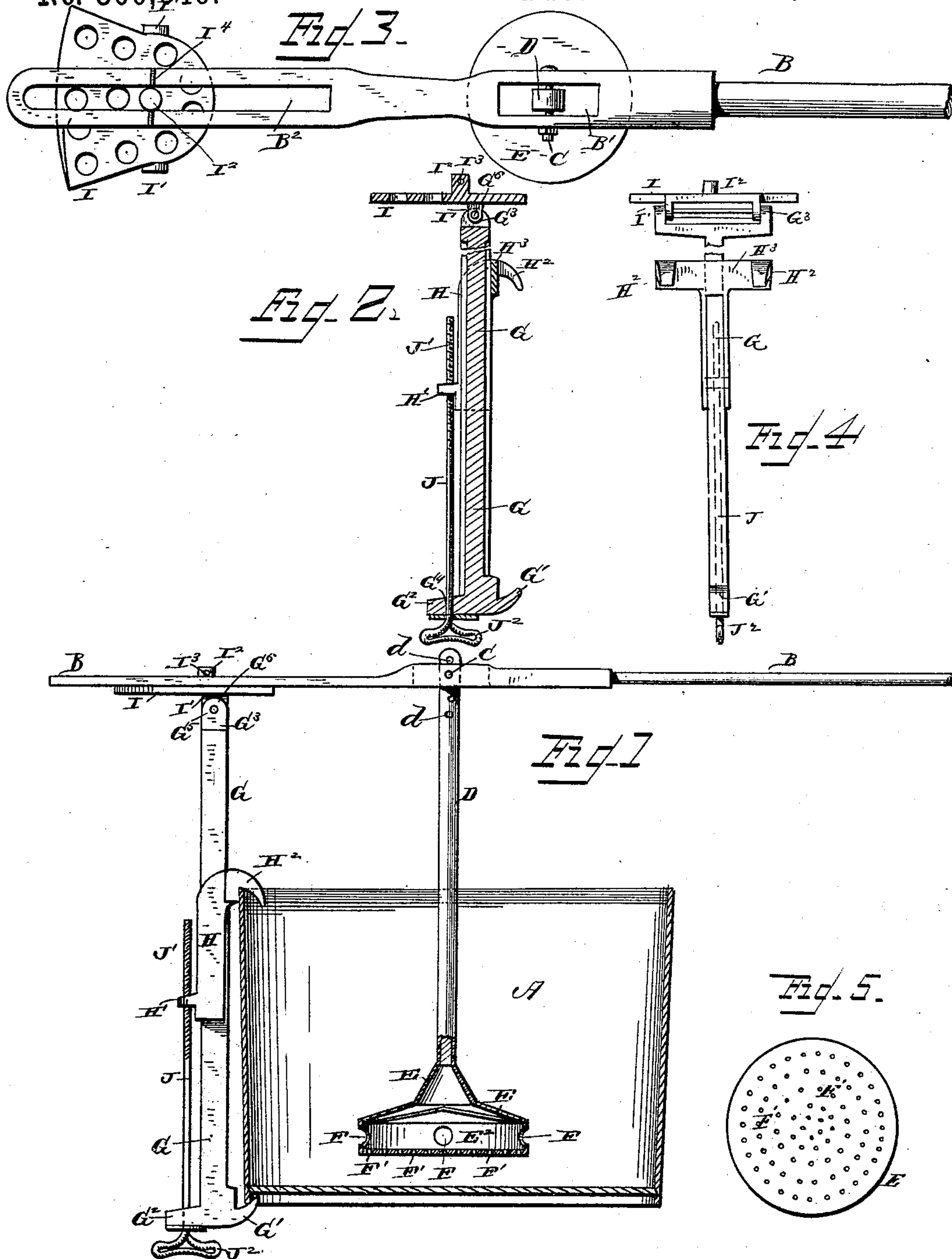


M. H. SCHUG.
WASHING MACHINE.

No. 300,646.

Patented June 17, 1884.



WITNESSES
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UNITED STATES PATENT OFFICE.

MARTIN H. SCHUG, OF EASTON, PENNSYLVANIA.

WASHING-MACHINE.

SPECIFICATION forming part of Letters Patent No. 300,646, dated June 17, 1884.

Application filed October 15, 1883. (No model.)

To all whom it may concern:

Be it known that I, MARTIN H. SCHUG, a citizen of the United States, residing at Easton, in the county of Northampton and State of Pennsylvania, have invented certain new and useful Improvements in Washing-Machines, of which the following is a specification, reference being had therein to the accompanying drawings.

My invention relates to washing-machines. It consists in the parts which will be hereinafter described, and pointed out in the claim.

In the accompanying drawings, Figure 1 is a side elevation of my invention, the tub and pounder being shown in sections. Fig. 2 is a detail in section of the clamping device. Fig. 3 is a top plan view of the lever, pounder, and swivel-plate. Fig. 4 is a rear elevation of the locking-arms and the rocking-plate mounted thereon. Fig. 5 is a bottom view of the pounder, showing the perforations therein.

Like letters indicate like parts in the several views.

A represents the tub.

B is the lever, provided with longitudinal slots B' and B².

C is the bolt passing through the lever B in the slot B', to which is pivoted the pounder-standard D.

d d represent openings in the pounder-handle D.

E is an inverted cone between the handle D and pounder.

E² is the hollow inside of said pounder.

F F are openings in the side of the pounder.

F' are bottom perforations.

G is a bar, provided on its lower end with a clamp-hook, G'.

G² is a projection on the bar G. This projection is provided with an opening for the reception of the rod J.

G³ represents two side arms on the top of the bar G, provided with opening G⁵.

H is a sliding clamp-bar, having clamp-hook H².

H' is a projection on the bar H. This projection is provided with a threaded opening for the reception of the threaded end of the rod J'.

J² is a thumb-piece on the rod J.

I is a plate provided with side arms, I'. These arms have openings and are pivotally

secured to the arms G³ by means of the cross-rod G⁶.

I² is a stud on the upper face of plate I. This stud lies in a slot, B², of the lever B.

I³ is an opening in the top of the stud I² for the reception of the pin I⁴.

The operation of the device is as follows: It is secured to the tub by means of the clamp-hooks G' and H². By turning the thumb-piece J² the hooks may be drawn together, and thereby firmly secured to the tub or released therefrom at pleasure. The pounder being pressed down, presses the clothes against each other, and the water passes up the small holes. Thus a greater pressure can be made. Then in raising pounder the water passes out of large side holes, as well as out of the small ones in bottom, and tends to prevent suction, though there is enough to raise clothes somewhat and rearrange them for another pressure of pounder. The forward end of the lever is pivotally mounted on the plate I by means of the longitudinal slot B² and stud I². This arrangement enables the operator to place the pounder in any part of the tub, and the slot admits the backward and forward movement of the lever and pounder, and the pivotal attachment to the plate admits of lateral play of the pounder. The stud I² secures the forward end of the lever to the face of the plate I. By means of the arms I' and G³ the lever B and plate I may be rocked on the bar G. This is done when the lever B is raised and lowered. The pounder E will always be in a vertical position by reason of its pivotal connection with the lever B and stud I².

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

In a washing-machine, the plate I, pivotally mounted on standard G, said plate being provided with a top stud, in combination with a lever having a longitudinal slot in its forward end, and a pounder secured to said lever, substantially as described, and for the purposes set forth.

In testimony whereof I affix my signature in presence of two witnesses.

MARTIN H. SCHUG.

Witnesses:

JNO. L. WILSON,
JOHN EVANS.