

C. THOMPSON, J. F. PETTY & J. D. COHEE.
Washing-Machine.

No. 212,070.

Patented Feb. 4, 1879.

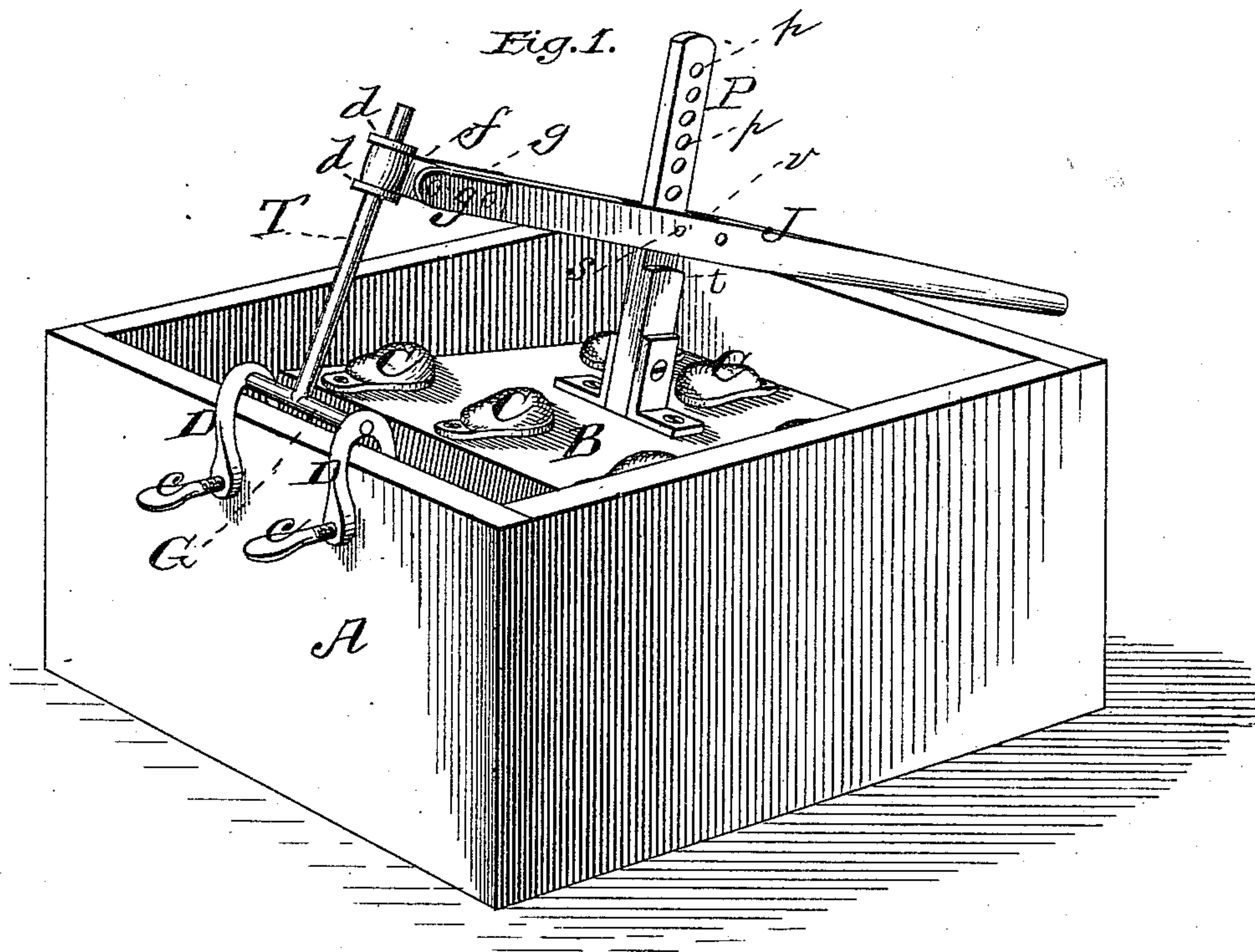
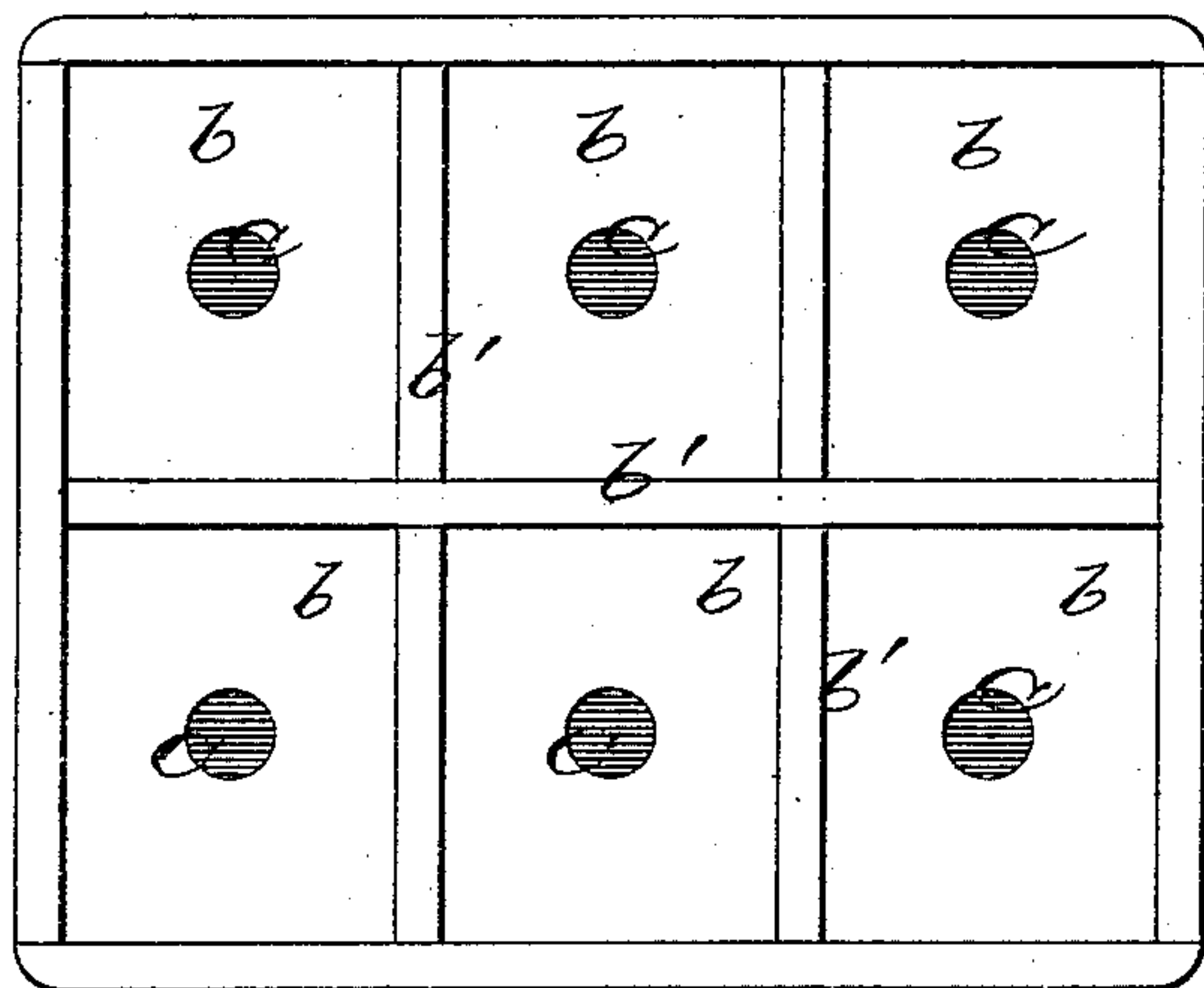


Fig. 2.



WITNESSES

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UNITED STATES PATENT OFFICE.

CRAVEN THOMPSON, JAMES F. PETTY, AND JOHN D. COHEE, OF FRANKFORT, INDIANA.

IMPROVEMENT IN WASHING-MACHINES.

Specification forming part of Letters Patent No. **212,070**, dated February 4, 1879; application filed October 19, 1878.

To all whom it may concern:

Be it known that we, CRAVEN THOMPSON, JAMES F. PETTY, and JOHN D. COHEE, of Frankfort, in the county of Clinton and State of Indiana, have invented a new and valuable Improvement in Washing-Machines; and we 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, making a part of this specification, and to the letters and figures of reference marked thereon.

Figure 1 of the drawings is a representation of a perspective view of our improved washing-machine, and Fig. 2 is a bottom view of the plunger.

The nature of the invention consists in the construction and novel arrangement of parts, as hereinafter shown and described.

In the annexed drawings, the letter A designates a preferably rectangular suds-tub, and B a similarly-shaped plunger adapted to be received therein. Plunger B, interiorly, is provided with a number of pockets, *b*, formed by suitable partitions *b'*, which pockets are open at their bottoms, and provided with valved openings C at their tops, outside of the plunger, for a purpose hereinafter set forth.

D designates double metallic U-shaped clamps, between the jaws of which the edge of the tub is received, being held in engagement therewith by means of thumb-screws *e*.

T designates a T-shaped metallic upright, the cross-arm G, of which is journaled in the upper ends of the clamps aforesaid. This upright has near its upper end the collars *d*.

f designates a metallic link that is looped loosely around the upright above described, between the collars *d*, and vibrates freely thereon in a horizontal plane. The end of this link is secured between two metallic plates, *g*, rigidly secured on the end of an operating-lever, J, and is pivoted thereto, as shown in

Fig. 1, thus forming a universal joint. Lever J is longitudinally slotted at *v*, and receives through it the stem P of the plunger, the same being coupled together by means of a pin, *s*.

The stem P is provided with a number of perforations, *p*, above a shoulder, *t*, formed on said stem. The object of these perforations is to adjust the plunger according to the quantity of clothes in the tub. This is done by shifting the pivot-pin *s* from an upper to a lower set of holes, or the reverse, as the case may be. The shoulder *t* is beveled at each side, and allows the lever to vibrate freely when the pin is in the last hole of the pitman.

It is clear that the upwardly-opening valves C of the pockets *b* will open as the plunger descends, and close as it rises, automatically drawing a portion of the water through the clothes in its upward movement, and through the suction created by the closure of said valves thoroughly removing from the clothes any and all impurities.

What we claim as new, and desire to secure by Letters Patent, is—

The clothes-pounder consisting of the rectangular box-case A, having its entire cavity divided by partitions *b'* into rectangular pockets *b*, the openings of which are on the same level, and each of which has a flat valve, C, in the top, in connection with the stem P, and its operating mechanism, substantially as specified.

In testimony that we claim the above we have hereunto subscribed our names in the presence of two witnesses.

CRAVEN THOMPSON.
JAMES F. PETTY.
JOHN D. COHEE.

Witnesses:

J. R. BROWN,
HENRY Y. MORRISON.