J. M. OVERSHINER & T. SHANNON.

Washing-Machine.

No. 198,039. Patented Dec. 11, 1877

Fig. 1.

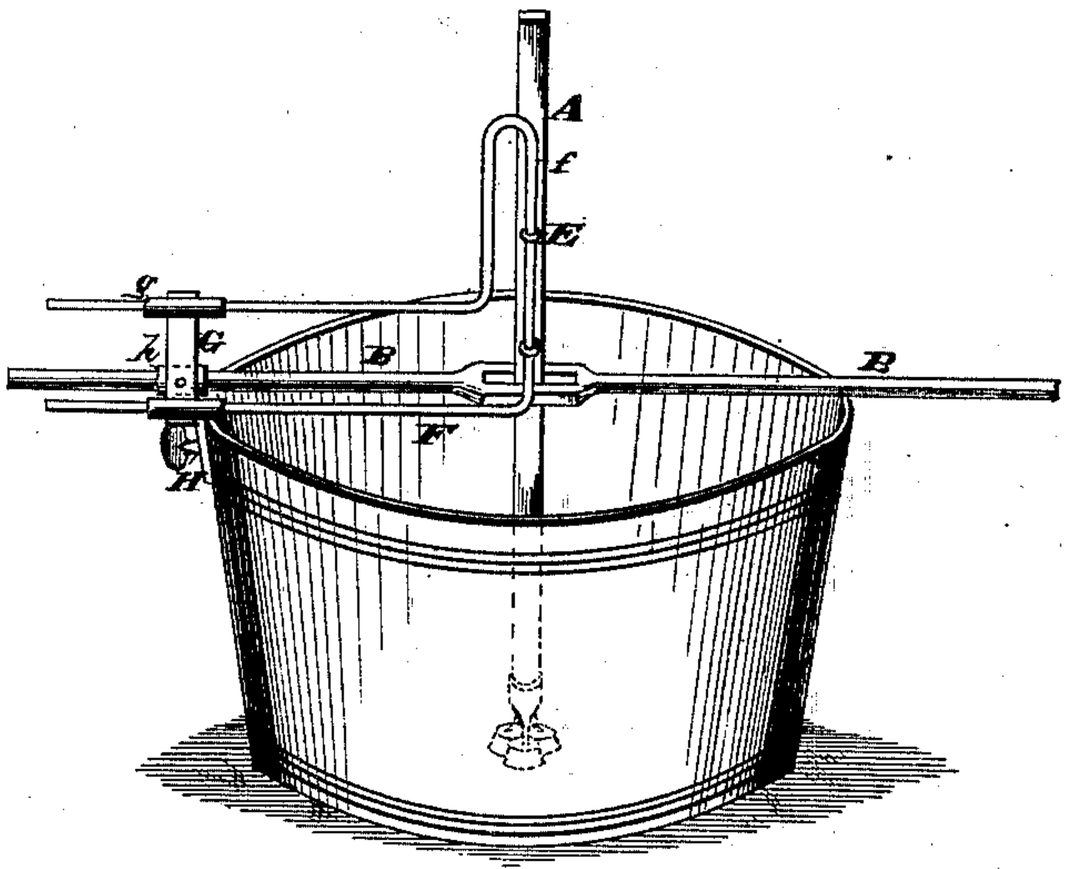


Fig. 2.

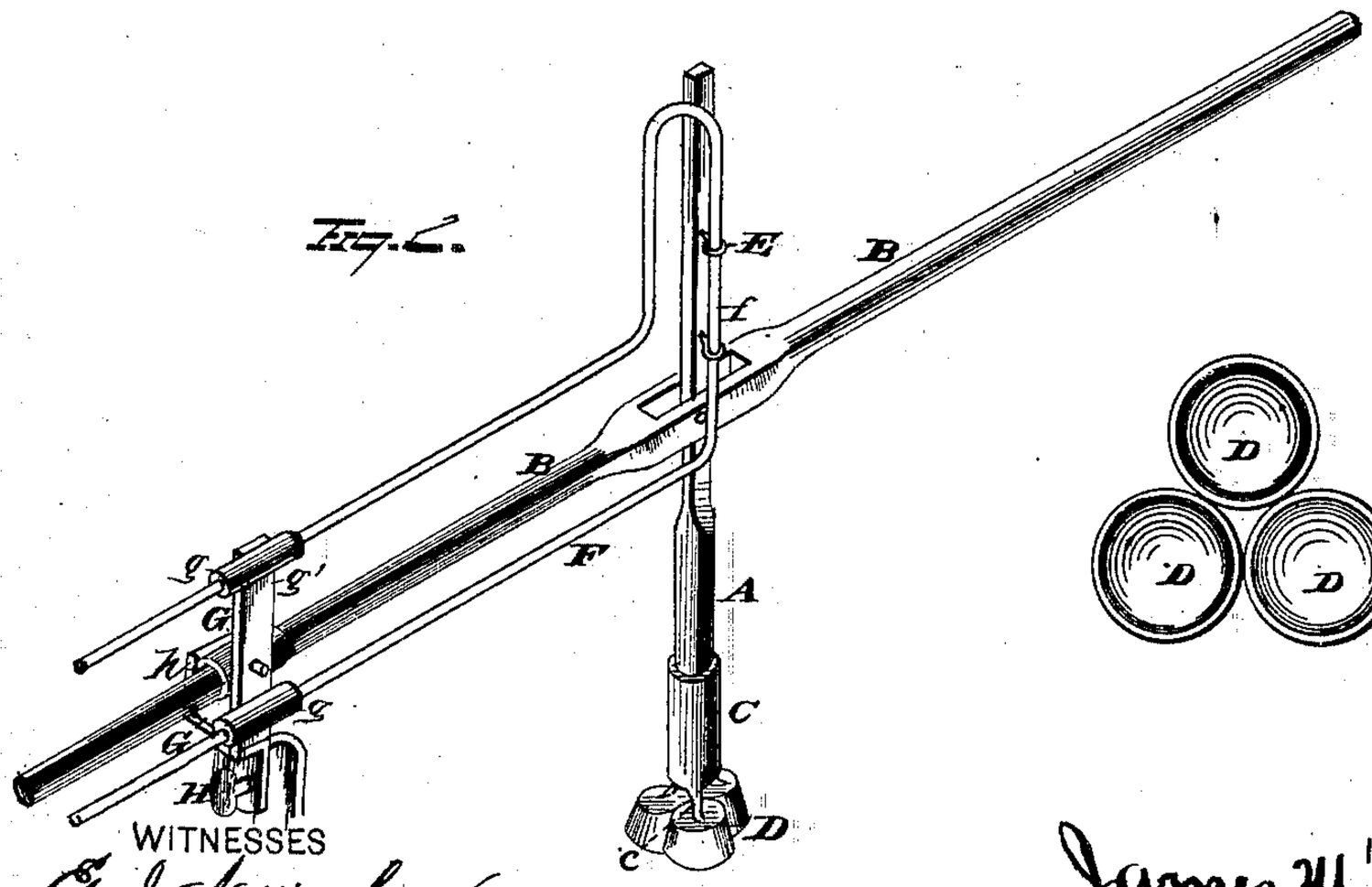
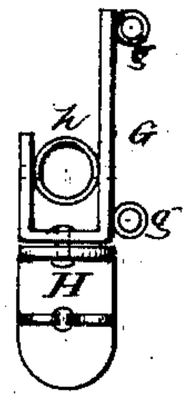


Fig. 3.



WITNESSES

E. F. Nottingham

A. M. Bright.

INVENTOR

James M. Overshiner

and

Thomas Shannon.

By Leggett & Leggett, ATTORNEYS

UNITED STATES PATENT OFFICE.

JAMES M. OVERSHINER, OF ELWOOD, AND THOMAS SHANNON, OF ANDERSON, INDIANA.

IMPROVEMENT IN WASHING-MACHINES.

Specification forming part of Letters Patent No. **198,039,** dated December 11, 1877; application filed May 26, 1877.

To all whom it may concern:

Be it known that we, JAMES M. OVERSHINER, of Elwood, in the county of Madison, and State of Indiana, and THOMAS SHANNON, of Anderson, in the county of Madison, and State of Indiana, have invented certain new and useful Improvements in Washing-Machines; and we do hereby declare the following to be a full, clear, and exact description of the invention, such as will enable others skilled in the art to which it pertains to make and use it, reference being had to the accompanying drawings, which form part of this specification.

Our invention relates to pounder washing-machines; and consists of certain improvements therein, which are hereinafter described and claimed.

Referring to the drawings, Figure 1 represents, in perspective, our improvement applied to a tub. Fig. 2 shows the same detached. Fig. 3 represents parts in detail.

The dasher-shaft A, together with the lever-handle B, is preferably made of wood, while the remaining parts of the attachment are metallic; but this is a matter immaterial to our invention, and other material may be substituted therefor. To the lower extremity of the shaft is secured the socket-piece C, which latter is provided with the triple arms *c*, fastened by any suitable means to the respective inverted bowls D. These bowls constitute the working part of the dasher which comes in direct contact with the clothes. They may be two, three, or more in number, and each forms a chambered piece, which acts upon the clothes, gathering the suds and portions of the clothes within it as it is brought down upon the latter. Eyebolts E are fastened to the central or upper part of the reciprocating shaft A, through which passes the long vertical arm *f* of the guide F. This guide consists of a double L-shaped wire, whose free extremities, opposite to its connection with the dasher-shaft, are longitudinally adjustable in the corresponding tubes *g*, secured to the vertical extension *g'* of the swivel G. A central pivot connects the bottom of this swivel to the upper plate of the screw-clamp H, which latter detachably engages the entire attachment to the side of the tub. This pivotal engagement allows the attachment to have movement in a horizontal line of direction, while the lever-handle also has longitudinal adjustment through the slide-tube *h*, hung by pivotal bearing on the swivel G. This latter bearing allows the tube, carrying the sliding lever, to have movement in a vertical line; and hence both the handle B and the guide F slide in supports which give them a horizontal movement, while the swinging tube *h* allows the handle alone to have a vertically angular movement. The result is that, while the handle B can operate the shaft A suitably for the washing process, the guide F maintains the shaft in vertical position, and causes the bowls D to always bear upon the clothes in a straight line.

This described construction of parts is extremely simple, is capable of ready attachment to any kind of a washing-tub, and can be operated by even a child, since it reduces the process of washing to a light and easy work.

Having fully described our invention, what we claim as new, and desire to secure by Letters Patent, is—

1. The combination, with the vertical shaft and double angular guide-rod, of the fixed tubes, in which the free extremities of the said rod have loose sliding support, substantially as described.

2. The combination, with the double angular guide-rod and vertical shaft engaging therewith, of the tubes formed rigidly with the swivel-clamp, substantially as described.

3. The combination, with the vertical shaft and eyebolts secured to its upper body, of the double angular guide-rod, the free extremities of the latter having sliding movement in the rigid tube-supports of the swivel-clamp, substantially as described.

4. The combination, with the actuating-lever, the vertical shaft, and the double angular guide-rod, of the swivel-clamp, provided with a tube horizontally pivoted to its upright ears, and formed with a vertical side extension,

having the two fixed tubes thereon, one above the other, substantially as described.

5. The combination, with the cluster of inverted bowls, the upright shaft, the double angular guide-rod, and the actuating-lever, having universal-joint movement, of the swivel-clamp supporting the entire apparatus, substantially as described.

In testimony that we claim the foregoing, we have hereunto set our hands this 21st day of May, 1877.

JAMES M. OVERSHINER.
THOMAS SHANNON.

Witnesses:
F. W. SHELLEY,
H. C. RYAN.