

M. Turley,

Washing Machine,

Nº 42,130.

Patented Mar. 29, 1864.
Fig. 1.

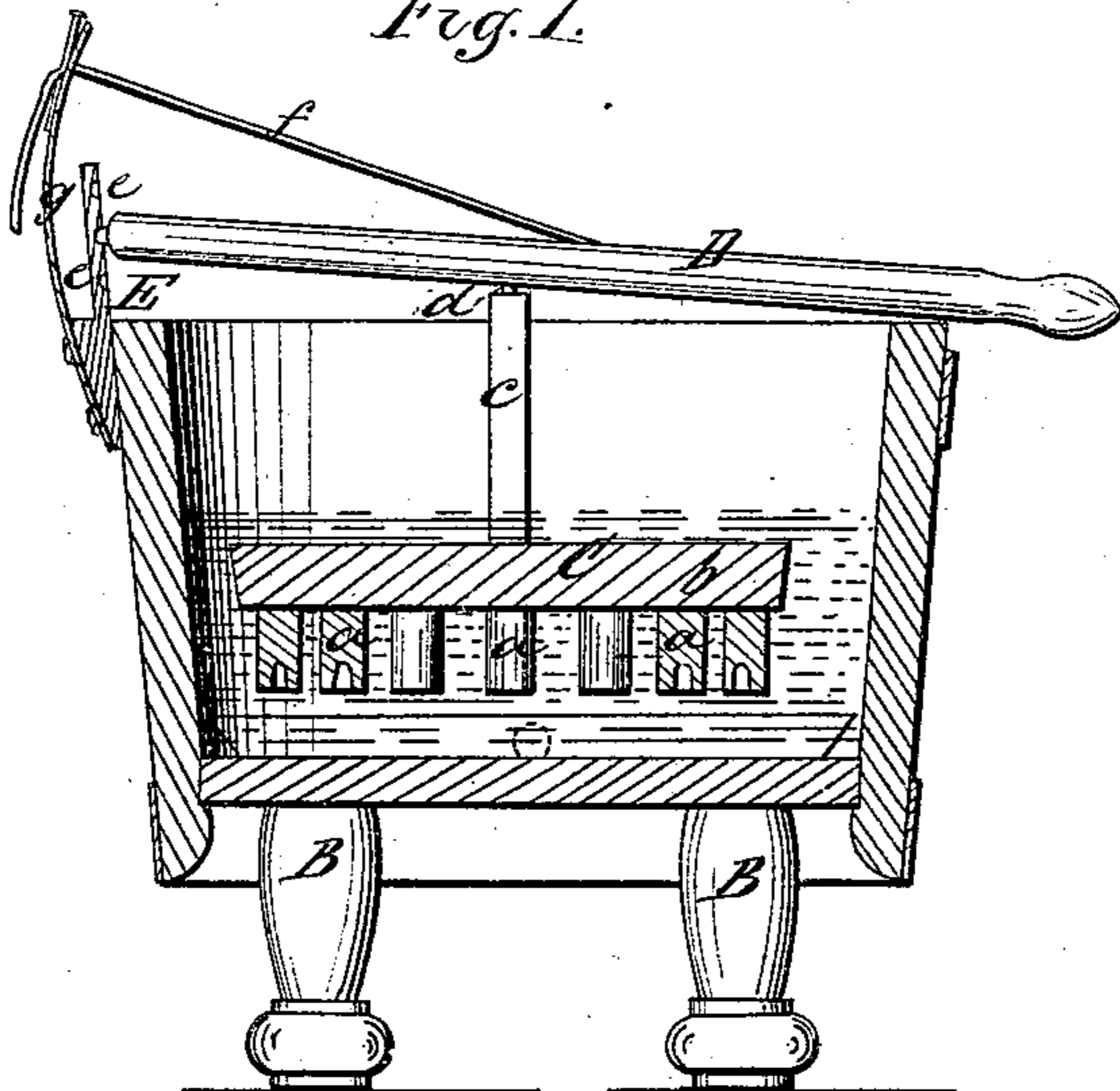
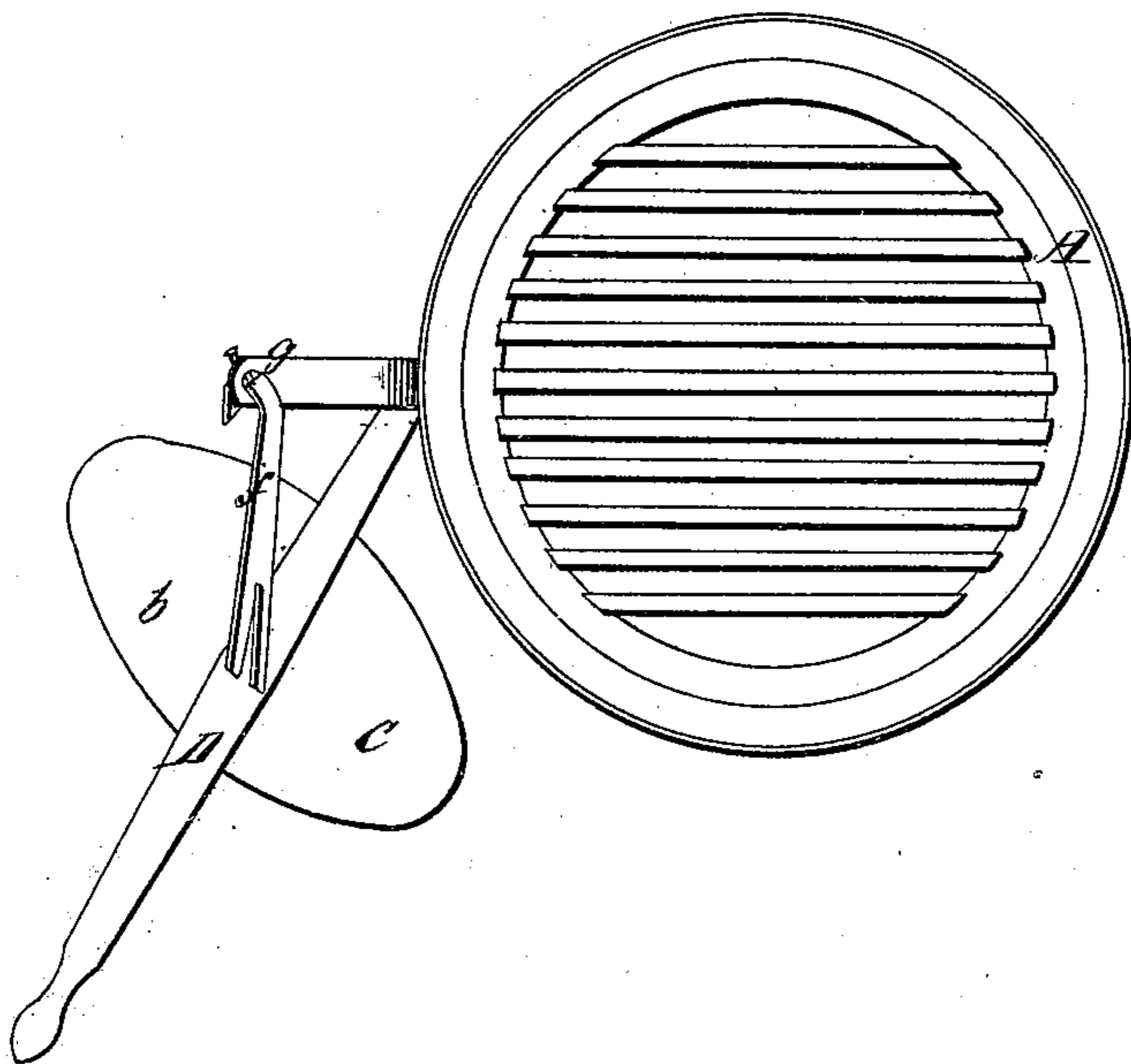


Fig. 2.



Witnesses:
James Whitelaw
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UNITED STATES PATENT OFFICE.

MARSHALL TURLEY, OF COUNCIL BLUFFS, IOWA.

IMPROVED WASHING-MACHINE.

Specification forming part of Letters Patent No. 42,130, dated March 29, 1864.

To all whom it may concern:

Be it known that I, MARSHALL TURLEY, of Council Bluffs, in the county of Pottawatomie and State of Iowa, have invented a new and Improved Washing-Machine; 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, making a part of this specification, in which—

Figure 1 represents a vertical central section of my invention in working position. Fig. 2 is a plan or top view of the same, the poulder having been removed from the tub.

Similar letters of reference indicate corresponding parts in the two figures.

This invention relates to an improvement in that class of washing-machines in which the operation of washing is effected by the action of a poulder which is placed in an ordinary wash-tub with a corrugated or slotted bottom, and to which a reciprocating motion is imparted by a hand-lever.

The nature of my invention and its peculiar advantages will be readily understood from the following description.

A represents a wash-tub of the ordinary shape, made of wood or any suitable material, and placed on legs B, so that it is elevated to a convenient height for the operator. The bottom of this tub may be corrugated or slotted, so as to facilitate the operation of washing. The washing is effected by the action of a poulder, C, which is suspended from a hand-lever, D. Said poulder is made with a series of tubular projections, *a*, which are secured to the under surface of the head *b*, and this head is made oval, so that it can be carried from one side of the tub to the other and made to act successively on different parts of the clothes in the same. It is suspended from the hand-lever D by means of a strap or stirrup, *c*, and pivot *d*, so that it can turn round freely and that the major axis of the oval head can be brought in line with the lever or at right angles with the same, or that it can be placed in any other desirable position in relation to it. By this arrangement all the clothes in the tub can be easily reached by the poulder and acted upon in various ways,

whereby the operation of washing is considerably facilitated. The hand-lever D is stepped into a bracket, E, which is rigidly attached to the side of the tub, and which is provided with two or more sockets, *e*, to receive the pivot of the lever and allow of adjusting the same higher or lower, according to the quantity of the clothes in the tub. A strap, *f*, which extends from the hand-lever to a spring, *g*, retains the same in position, and by the action of the spring the point of the lever is held in its socket, and furthermore the weight of the lever and poulder is balanced. In order to effect the washing, therefore, all the operator has to do is to place the clothes and soap suds in the tub, arrange the poulder in position, and depress the lever repeatedly until, by the action of the poulder and by the motion of the water, the clothes are cleansed. If the poulder is depressed the spring *g* raises the same up automatically, and thus the operation can be carried on with little exertion. If it is desired to introduce clothes into the tub or remove them therefrom, the poulder is removed and brought in the position shown in Fig. 2, and after the clothes have been properly arranged in the tub, the lever is replaced in its socket, carrying the poulder back into the tub, and the machine is ready for operation.

This machine is exceedingly simple in its construction, it is easily operated, requiring no skill or exertion, and the washing is effected in such a manner that the fabric is not strained or injured, and that fine and coarse goods can be washed with equal facility.

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

The poulder C, with an oval head, *b*, and suspended by means of a pivot, *d*, from the hand-lever D, in combination with the bracket E, sockets *e*, strap *f*, and spring *g*, constructed and operating in the manner and for the purpose substantially as herein shown and described.

MARSHALL TURLEY.

Witnesses:

JAMES WHITELOW,
GEO. W. REED.