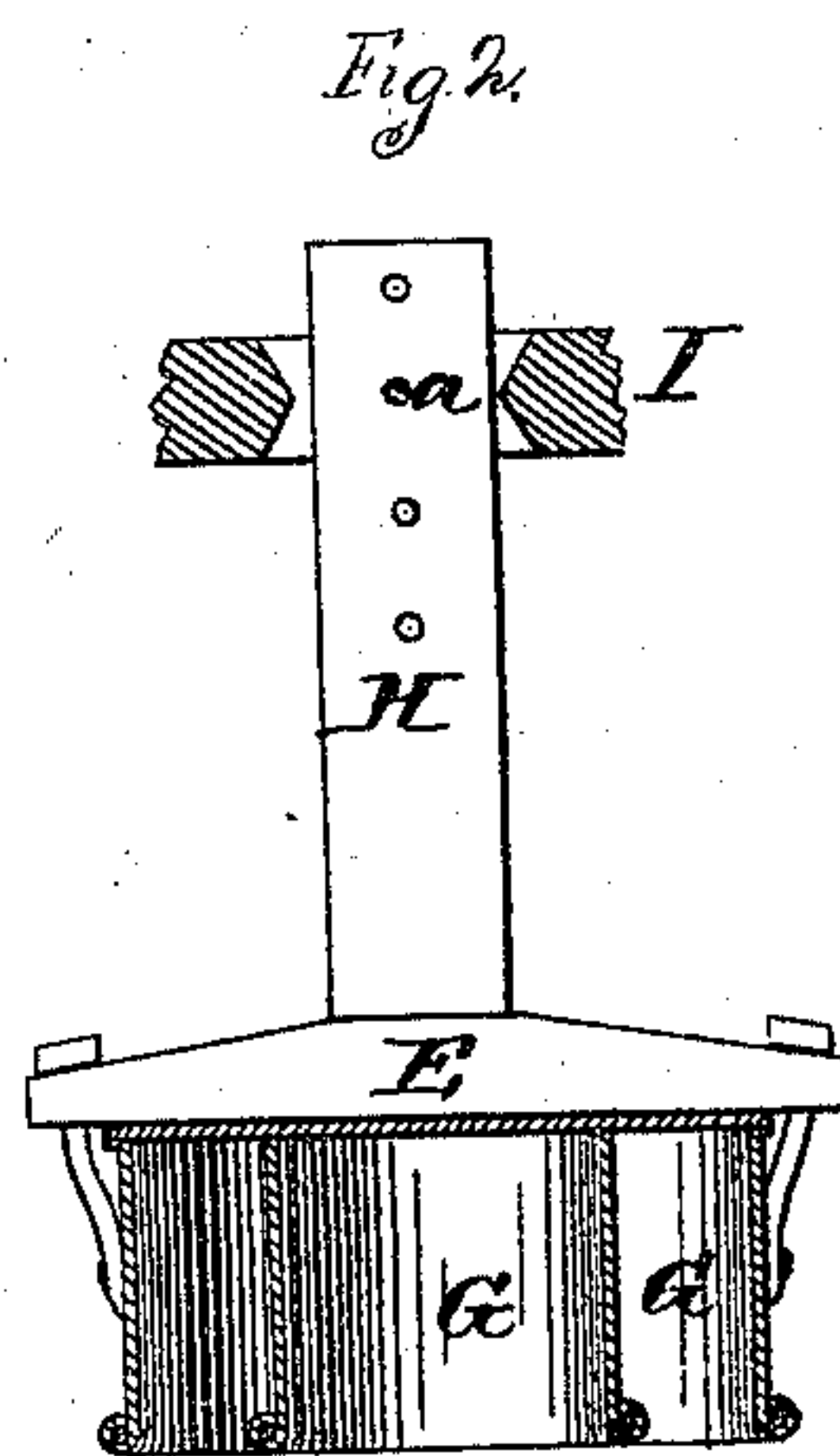
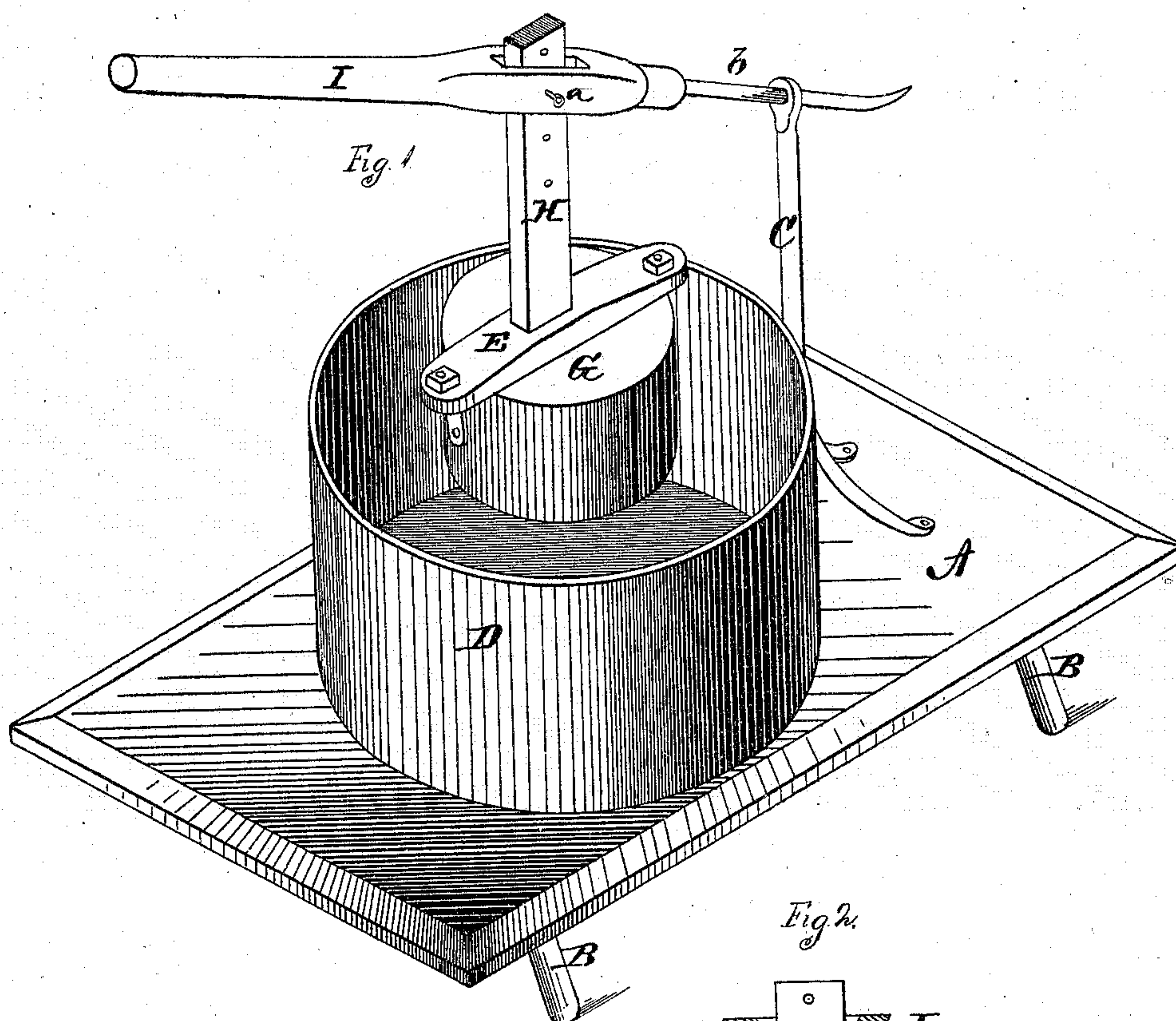


L. CALDWELL.

Improvement in Washing-Machines.

No. 131,659.

Patented Sep. 24, 1872.



Witnesses:

Jas. C. Hutchinson  
 C. L. Evers

Inventor.

Levi Caldwell.  
 per *Hander Mason*  
 Attorneys.



# UNITED STATES PATENT OFFICE.

LEVI CALDWELL, OF BURGETTSTOWN, PENNSYLVANIA.

## IMPROVEMENT IN WASHING-MACHINES.

Specification forming part of Letters Patent No. 131,659, dated September 24, 1872.

*To all whom it may concern:*

Be it known that I, LEVI CALDWELL, of Burgettstown, in the county of Washington and in the State of Pennsylvania, have invented certain new and useful Improvements in Washing-Machines; and do hereby declare that the following is a full, clear, and exact description thereof, reference being had to the accompanying drawing and to the letters of reference marked thereon making a part of this specification.

The nature of my invention consists in the construction and arrangement of a "washing-machine," as will be hereinafter more fully set forth.

In order to enable others skilled in the art to which my invention appertains to make and use the same, I will now proceed to describe its construction and operation, referring to the annexed drawing, in which—

Figure 1 is a perspective view of my entire machine, and Fig. 2 is a longitudinal section of the beater.

A represents a bench of any suitable dimensions supported upon legs B B, and provided, at or near one end, with an upright post or standard, C, having a hole or eye through its upper end. D represents a tub, of any desired size, placed on the bench A. The beater consists of two inverted cups, G G, one inside of the other, and attached to a cross-bar, E, from the center of which extends an upright, H.

This upright passes through a mortise in a lever, I, and is adjusted in the same at any desired height, according to the amount of clothes in the tub, by a pin, *a*, passing through the lever and upright, as shown, there being several holes in the upright to allow of said adjustment. One end of the lever I forms the handle, while the other end is provided with a rod, *b*, the end of which is pointed and bent to pass through the eye of the post C.

The lever I is worked up and down, causing the beater to operate on the clothes in the tub, and at every upward stroke of the beater the clothes are sucked up with it till the beater leaves the water and suds, when the clothes fall back, changing their position, so that they will all be acted upon by the beater.

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

The combination of the beater G G, cross-bar E, upright H, lever I with rod *b*, and a post or standard, C, attached to a bench, A, all constructed and arranged substantially as and for the purposes herein set forth.

In testimony that I claim the foregoing I have hereunto set my hand this 16th day of August, 1872.

LEVI CALDWELL.

Witnesses:

GEORGE W. METZNER,  
HENRY M. DONGAN.