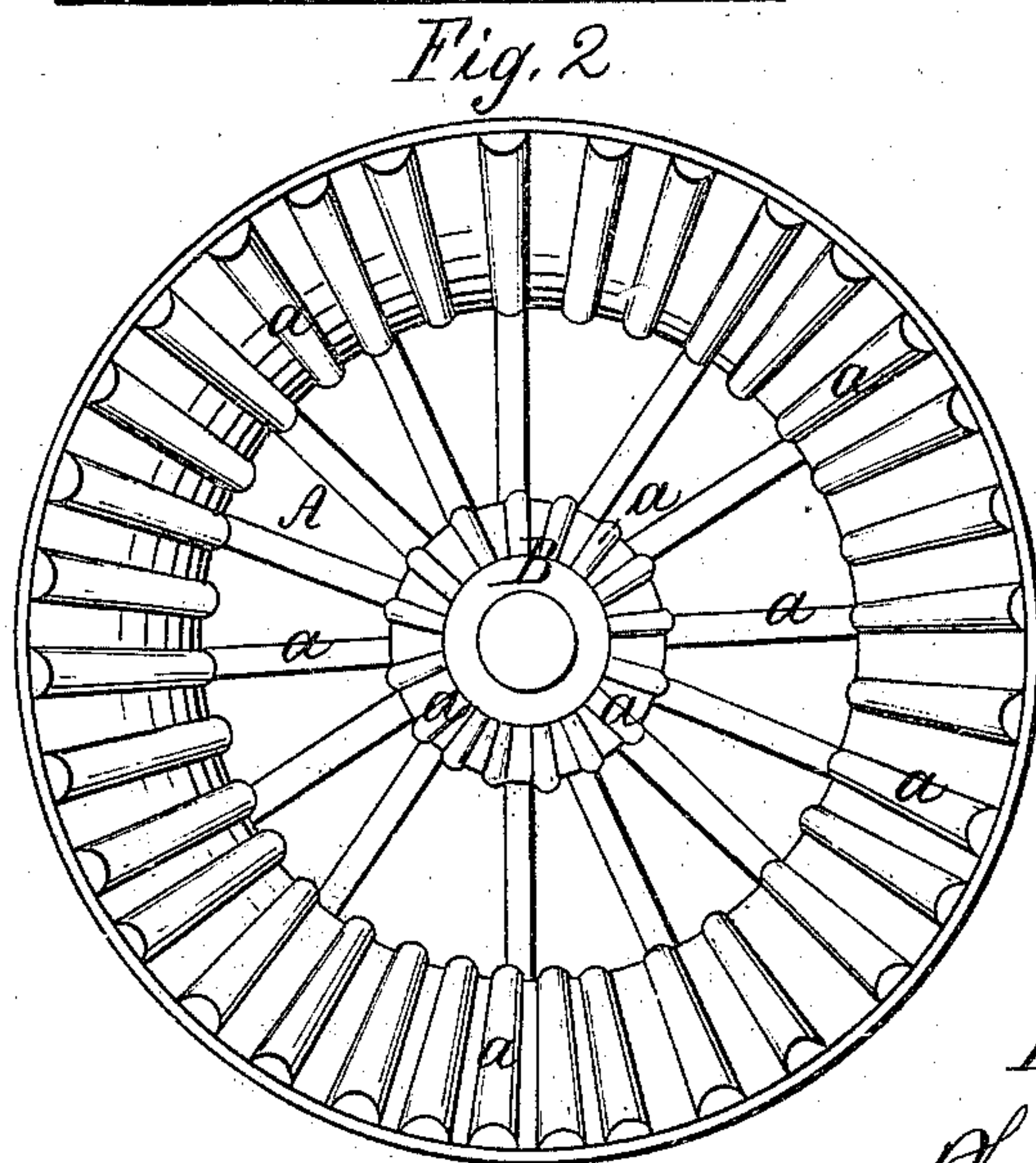
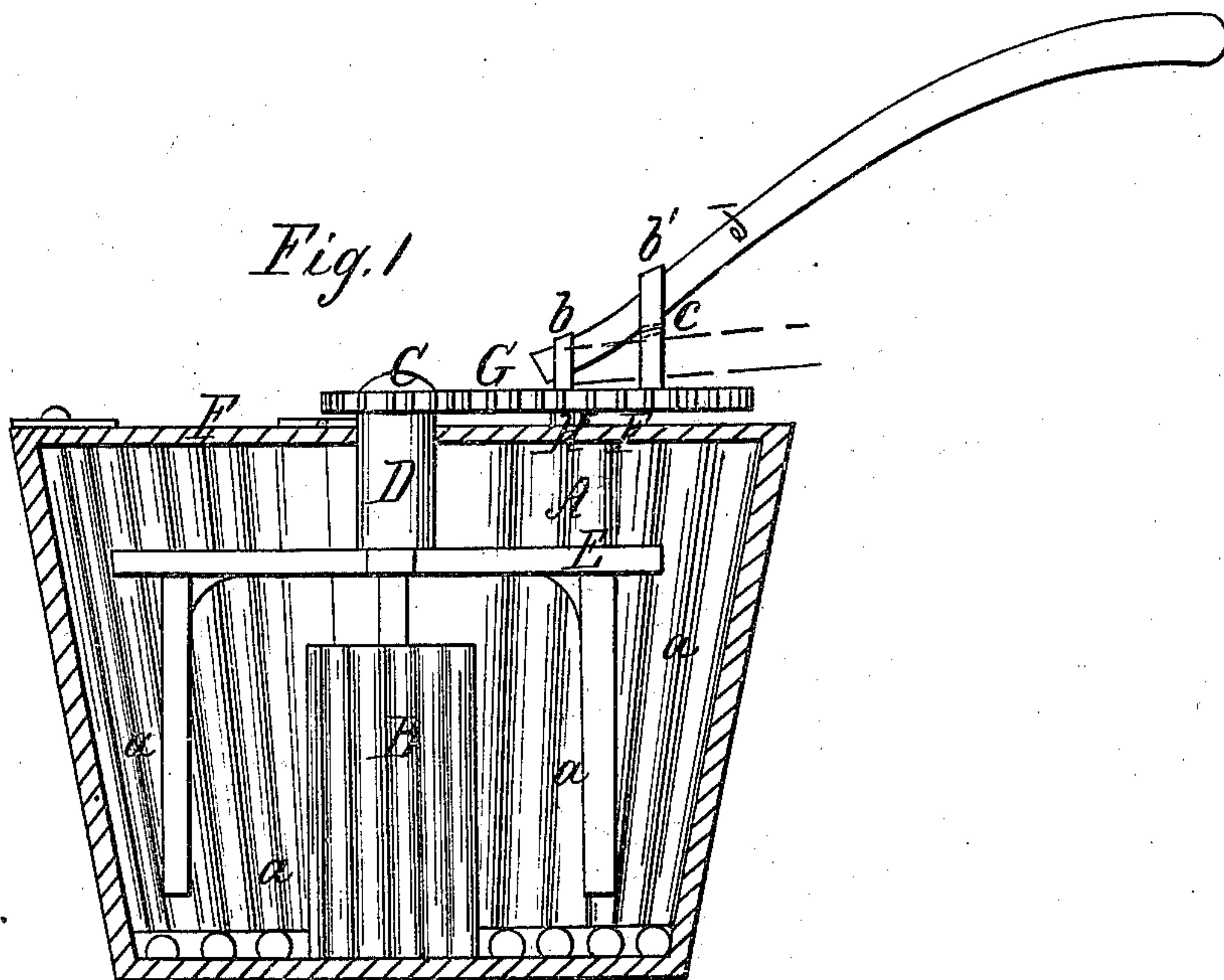


P. Prentiss,
Washing Machine,
No 80,501, Patented July 28, 1868.



Witnesses
Charles P. Drann
H. Ballou

Inventor
Phineas Prentiss
by Gardner & Hyde
attys

United States Patent Office.

PHINEAS PRENTISS, OF CHESTER, MASSACHUSETTS.

Letters Patent No. 80,501, dated July 28, 1868.

IMPROVED WASHING-MACHINE.

The Schedule referred to in these Letters Patent and making part of the same.

TO ALL WHOM IT MAY CONCERN:

Be it known that I, PHINEAS PRENTISS, of Chester, Hampden county, Commonwealth of Massachusetts, have invented a new and useful Improved Washing Machine; and I do hereby declare that the following is a full and clear description thereof, reference being had to the accompanying drawings, and to the letters of reference marked thereon.

In the drawings—

Figure 1 represents a sectional view of my device, and

Figure 2 a plan view of the lower part of it.

This invention consists of a washing-machine built upon the most economical principle, both of power and cost.

In construction, I form my machine with a tub, A, corrugated upon the inside, at the sides and bottom, with strips of wood, *a a*, &c., or these corrugations may be formed in the stock of the tub directly by suitable machinery. In the centre of this tub I sometimes place an upright centre-piece, B, also corrugated around its surface, in a similar manner as the tub.

The device for making this machine consists of a gear-wheel, C, attached to the main shaft D of the dasher E, above the cover, F, of the tub. This gear-wheel C has operating it a segmentary gear, G, working upon a pivot, H, and operated by a handle, J, which fits in sockets, *b* and *b'*, hereafter more fully described. By working the handle to and fro, the dasher inside of the tub is worked with reciprocating partial revolutions, and the clothes within are scrubbed against the numerous corrugations on the inside surfaces of the tub.

The sockets *b* and *b'* are made in a peculiar manner, so that the handle J may be shifted to suit the peculiar circumstances of the case. Thus, when placed in the position shown in the drawings, it is suitable for a tall person, or, in case the tub is placed in a low position relatively, and when the handle is placed as indicated by red lines in fig. 1, it is arranged for the convenience of a child, &c.

In the figure, it is seen that the socket *b'* is made double, having a dividing-piece, *c*, between the upper and lower places, for the handle.

The advantages of my device are, that I obtain an easily-working washing-machine, simple in construction and effectual in operation.

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

In combination with the tub, with ribbed sides and dasher, with gearing, the adjustable socket, arranged so that the handle may be used with comparative depression or elevation, substantially as shown.

PHINEAS PRENTISS.

Witnesses:

EDWARD H. HYDE,
H. BALLOU.