

Banker & Purdy,

Washing Machine.

No. 107,151.

Patented Sept. 6. 1870.

Fig. 1.

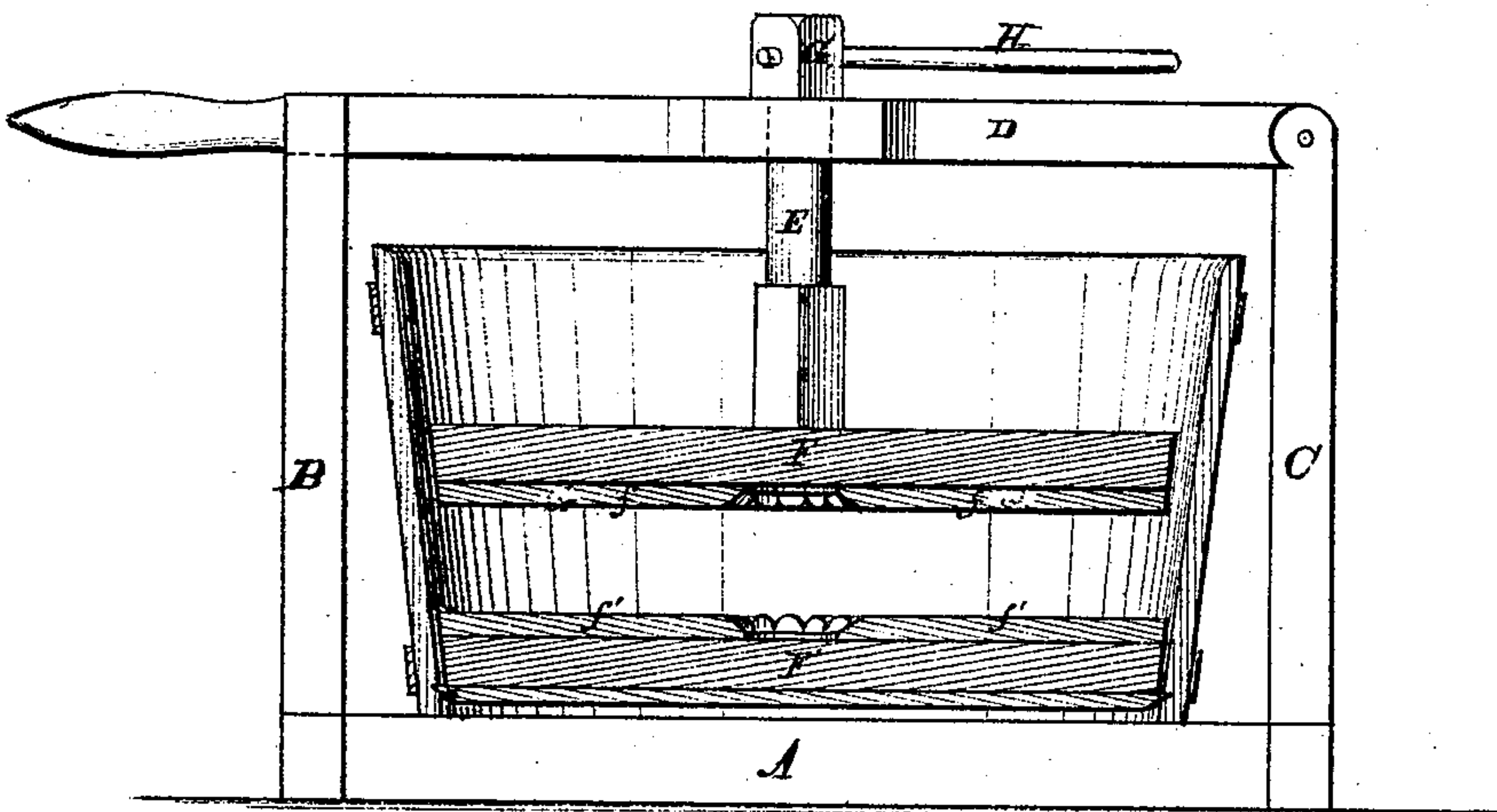
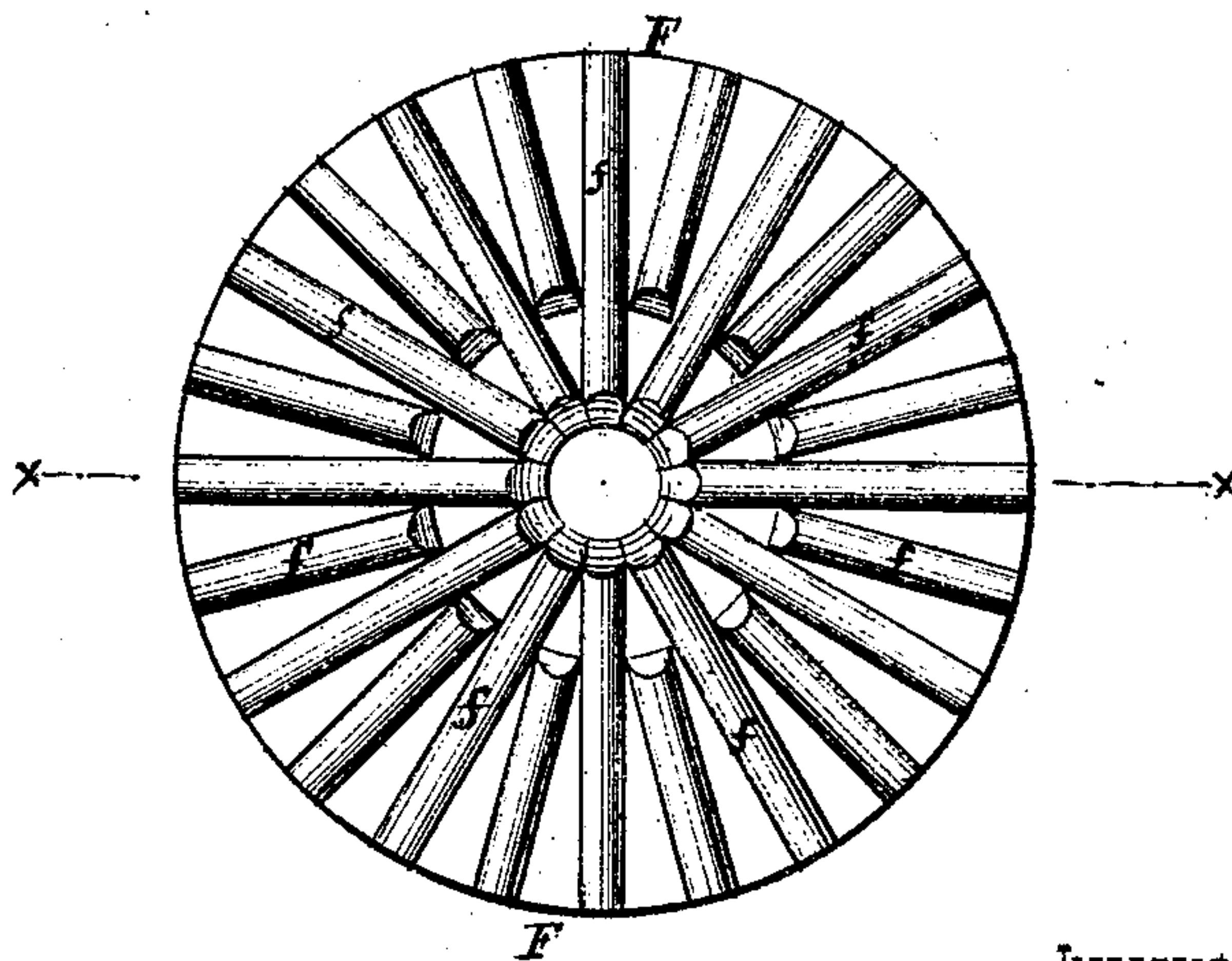


Fig. 2.



Witnesses.

Alb. Meale
George Rice

Inventors.

Chas. S. Banker
Alexander Purdy
by Prindle and Byer
Attys.

United States Patent Office.

CHARLES S. BANKER AND ALEXANDER PURDY, OF HECTOR, NEW YORK.

Letters Patent No. 107,151, dated September 6, 1870.

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 we, CHARLES S. BANKER and ALEXANDER PURDY, of Hector, in the county of Schuyler and in the State of New York, 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 making a part of this specification, in which—

Figure 1 is a vertical central section of our device as applied to a tub, and

Figure 2 is a plan view of the face of the rubbers.

Letters of like name and kind refer to like parts in each of the figures.

Our invention has for its object the cleansing of spoiled clothing by mechanical means; and

It consists in the peculiar construction and arrangement of the several parts of the device, whereby the same is adapted for use in an ordinary tub, as is hereinafter set forth.

In the annexed drawing—

A represents a bed-piece, of a suitable size to receive and support an ordinary tub, having secured to and extending upward from opposite sides thereof two posts, B and C, within the latter of which is pivoted one end of the lever D, that from thence extends across and rests within a corresponding slot provided in the upper end of the post B.

Journalled within a suitable bearing passing vertically in and through the center of the lever D, is a shaft, E, which is provided, upon its upper end, with a head, G, and has attached to its lower end a circular disk, F, upon the lower face of which is secured, radially, two series of half-round ribs or rubbers, *f*.

A second disk, F', corresponding in size and shape with that before described, and also provided with the rubbers *f'*, and a bar, H, having one of its ends secured horizontally within the head G of the shaft E,

completes the device; the operation of which is as follows:

The lever D, being raised to a vertical position, carrying with it the shaft E and disk F, an ordinary tub, I, is placed upon the base A, and the disk F' placed within said tub, with its ribbed face upward. A suitable quantity of suds and soiled clothing being placed within the tub, the lever D is restored to a horizontal position, causing the disk F to rest upon the upper side of the clothing, which is then cleaned by rotating said disk for a few times, then raising it, changing the position of the clothing, and again rotating the disk in contact with the latter.

It may be found advantageous to occasionally use the upper disk as a pounder, and alternately raise and depress the same, but, for ordinary work, the rotary motion will be found preferable.

The especial advantages possessed by this device arise from the ease with which it can be applied to any tub, the efficiency of its operation, and the small cost at which it can be furnished.

Having thus fully set forth the nature and merits of our invention,

What we claim as new is—

The hereinbefore-described washing device, for application to ordinary tubs, consisting of the base A, the posts B and C, the pivoted lever D, the shaft E, provided with the head G and bar H, and the disks F and F', provided with the radial ribs or rubbers *f* and *f'*, substantially as shown and specified.

In testimony that we claim the foregoing, we have hereunto set our hands this 25th day of May, 1870.

CHARLES S. BANKER.
ALEXANDER PURDY.

Witnesses:

TIMOTHY M. VAN WORMER,
CHAS. HAGER.