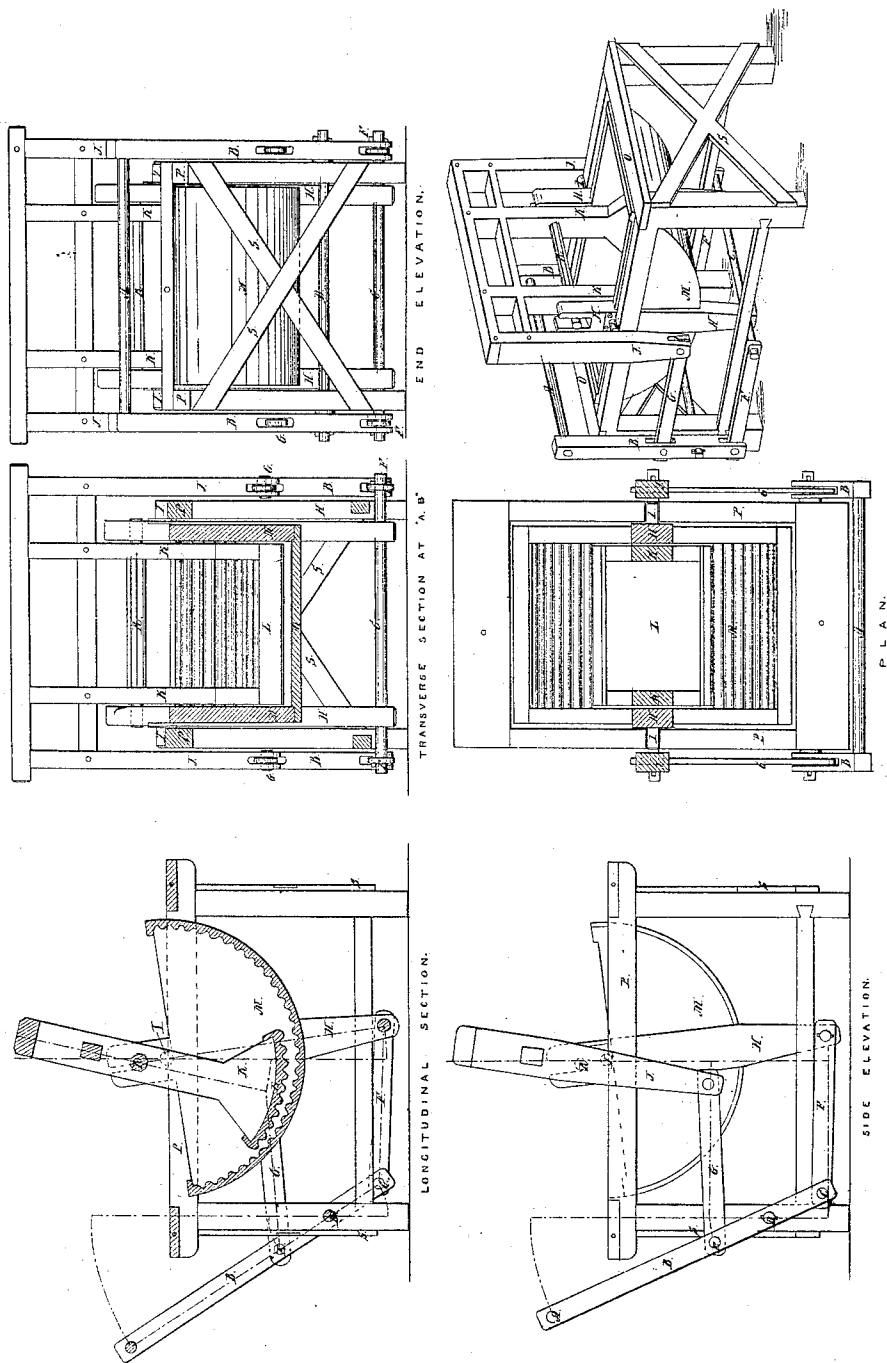


J. GILL.
WASHING MACHINE.

No. 35,816.

Patented July 8, 1862.



UNITED STATES PATENT OFFICE.

JOSEPH GILL, OF WILLISTOWN, PENNSYLVANIA.

IMPROVED WASHING-MACHINE.

Specification forming part of Letters Patent No. **35,816**, dated July 8, 1862.

To all whom it may concern:

Be it known that I, JOSEPH GILL, of Willistown township, Chester county, and State of Pennsylvania, have invented and improved a new Washing-Machine, for the purpose of washing clothes by means of a newly-contrived and arranged combinations of levers, rods, arms, and segmental tub and rubber; and I do hereby declare that the following is a full and exact description thereof, reference being had to the accompanying drawing, and to the letters of reference marked thereof.

Similar letters throughout refer to the same parts.

The nature of my invention consists in having a frame properly braced having clothes-shelves *o o* on each end, and a segment shaped tub, M, say of the proportions of three feet by fourteen inches deep and two feet wide, having the concave surface corrugated or fluted in the usual manner, and which contains the water and the clothes to be washed. The tub is hung upon the axles I I, and is acted upon by the convex segmental and corrugated rubber L. The motion is caused by the operator working the brake A forward, thereby moving the levers B B, which work upon a fixed center shaft, D, the levers B B acting at the same time upon the rods F F, connected by the shaft

C to the arms H H, swinging the tub M toward the operator; while the upper rods, G G, connected with the gallows-frame by the upright levers J J, move the rubber L backward. The brake moved back again gives a reverse action, thus producing an opposite motion at one and the same time. The inner uprights; K K, of the rubber have a fixed shaft, R, having axles which rise or fall in the slots of the arms H H, thereby adjusting the rubber to the quantity of clothing in the tub, and affording a traveling center for the free working of the rubber.

Having described my invention, I do not claim the opposite motion at one and the same time, nor the application of the semicircular tub or box, rocking rubber, or the slots of the arms; but

What I do claim as my invention, and desire to secure by Letters Patent, is—

The arrangement, adjustment, and combination of the levers, rods, and arms, acting in connection with the concave corrugated segmental tub and the rubber, as set forth, and before described.

JOSEPH GILL.

Witnesses:

EDWIN F. DURANG,
HIBBARD G. GILL.