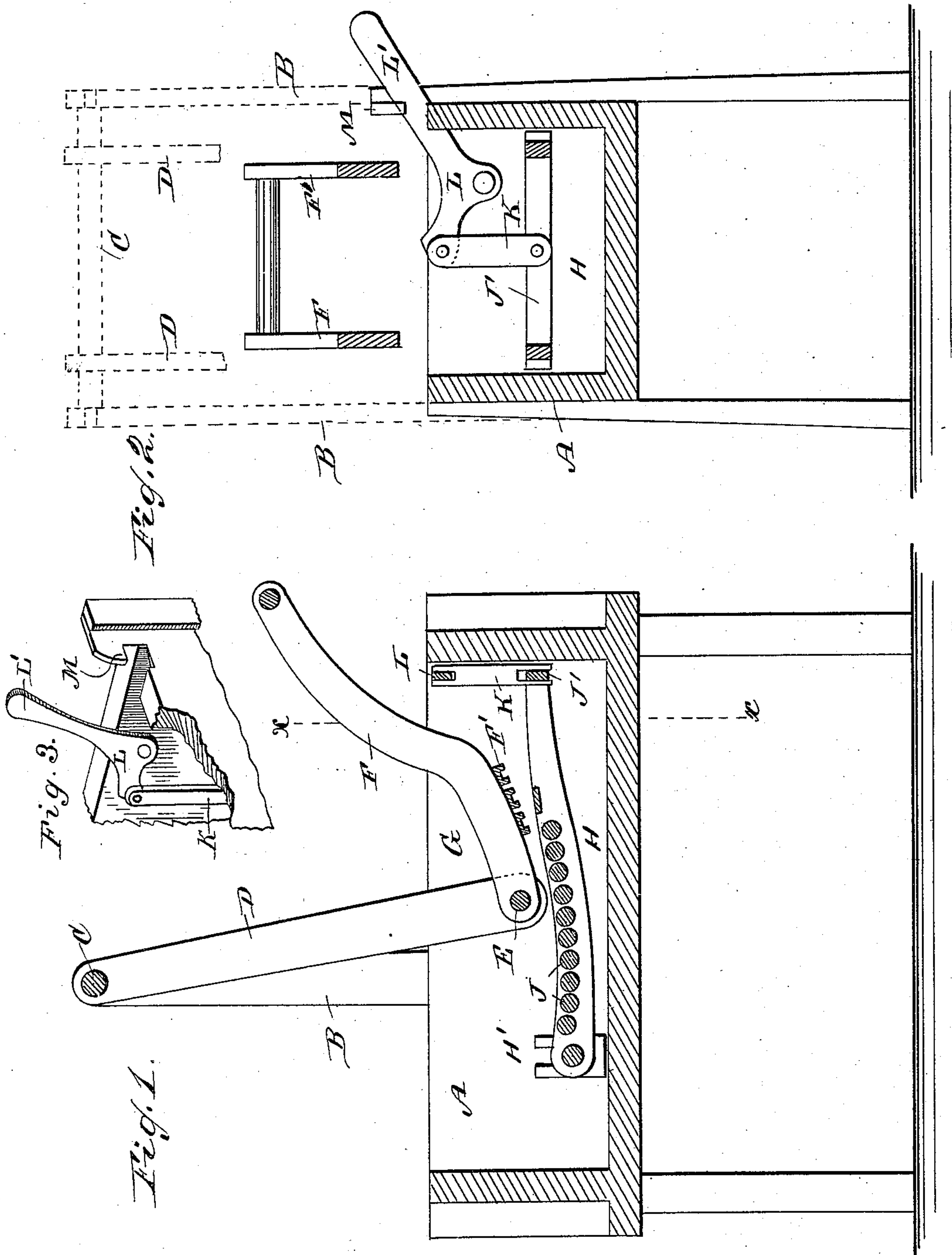


(Model.)

E. W. DIXON.
WASHING MACHINE.

No. 337,136.

Patented Mar. 2, 1886.



WITNESSES:

Thos. G. Foster.
C. Sedgwick

INVENTOR:

E. W. Dixon

BY

Munn & Co.

ATTORNEYS.

UNITED STATES PATENT OFFICE.

ELLIS W. DIXON, OF YAKIMA, WASHINGTON TERRITORY.

WASHING-MACHINE.

SPECIFICATION forming part of Letters Patent No. 337,136, dated March 2, 1886.

Application filed March 31, 1885. Serial No. 160,792. (Model.)

To all whom it may concern:

Be it known that I, ELLIS W. DIXON, of Yakima, county of Yakima, Washington Territory, have invented a new and Improved
5 Washing-Machine, of which the following is a full, clear, and exact description.

This invention relates to certain new and useful improvements in that class of washing-machines provided with swinging or rocking
10 rubbers.

The invention consists in the construction and arrangement of parts, as will be herein-after fully described, and specifically pointed out in the claim.

15 Reference is to be had to the accompanying drawings, forming part of this specification, in which similar letters of reference indicate corresponding parts in all the figures.

Figure 1 is a longitudinal sectional elevation
20 of my improved washing-machine, and Fig. 2 is a cross sectional elevation of the same on the line *x x*, Fig. 1. Fig. 3 is a detail perspective view showing the arrangement of the hook for holding the lever L.

25 On the sides of the tub or washing-box A the uprights B are secured, in the upper ends of which the shaft C is journaled, which extends over the tub A. On the shaft two downwardly-projecting arms or bars, D, are rigidly
30 mounted at their upper ends, and in their lower ends a shaft, E, is held, on which the side bars, F, of the rubber G are mounted to swing, the side bars, F, being united by the grooved rubber-bars F'. The bottom rubber, H, consists of a frame pivoted in blocks
35 H' on the inner sides of the tub at the bottom to adapt the free end of the rubber, which is at one end of the box, to be raised or lowered.

40 Rollers J are journaled in some suitable manner in the frame H, and the cross-piece J' at the swinging end of the rubber H is connected

by a link, K, with one end of an elbow-lever, L, pivoted on the inner surface of one end of the box and provided with a handle, L'. A hook, M, is provided on one side of the box, 45 with which hook the handle L' can be engaged.

The clothes are placed on the lower rubber, H, and are rubbed by means of the upper rubber, G. 50

The lower rubber, H, can be raised or lowered by means of the lever L, according to the quantity or bulk of the clothes being washed, or according to the pressure desired.

The upper rubber, G, is rocked to and fro, 55 and at the same time pressed upon the clothes, which are thus thoroughly rubbed and cleaned.

The upper rubber can be dipped more or less, according to the quantity of clothes in the tub or the pressure desired. 60

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

As an improved article of manufacture, a washing-machine consisting of the tub A, having uprights B, the swinging arms D, pivotally connected to the upper ends of the uprights, the rubber G, having side bars, F, pivotally connected to the lower ends of arms D, the grooved rubber-bars F', the bearings H', the bottom rubber, H, journaled at its inner end in said bearings and provided with the rollers J and cross-piece J', the elbow-lever L, pivoted at its bend to the inner end of the tub at right angles to the rubbers, and having a handle, L', the link connecting the 75 elbow-lever and the cross-piece J', and the latch M, engaging the handle-arm of the elbow-lever, substantially as set forth.

ELLIS W. DIXON.

Witnesses:

GEO. B. FERGUSON,
M. GILLIAM.