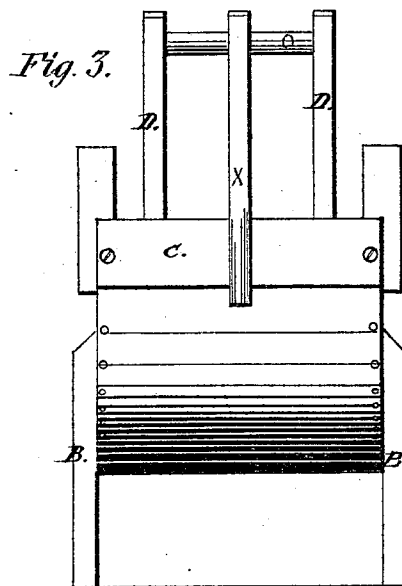
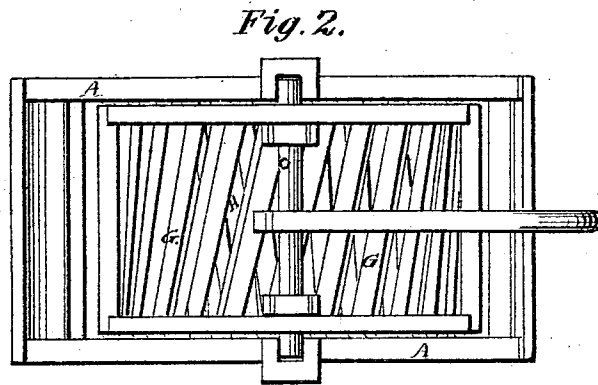
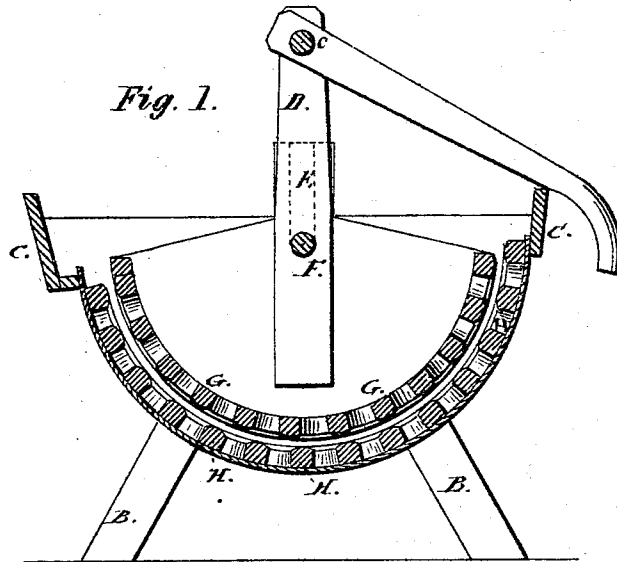


WILLIAM J. FREEMAN.

Improvement in Washing Machines.

No. 123,560.

Patented Feb. 13, 1872.



Witnesses.

W. R. Wauter
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UNITED STATES PATENT OFFICE.

WILLIAM J. FREEMAN, OF HUMBOLDT, KANSAS.

IMPROVEMENT IN WASHING-MACHINES.

Specification forming part of Letters Patent No. 123,560, dated February 13, 1872.

SPECIFICATIONS.

Specifications describing an Improved Washing-Machine, invented by WILLIAM J. FREEMAN, of the city of Humboldt, Allen county, Kansas:

The object of my invention being to wash clothes of any kind or description by means of the diagonal bars across the bottom of the machine and diagonal bars arranged reversely upon the half-circle rubber, thus the clothing or article washed is kept from doubling up while being washed.

A is the frame of the machine, to which all other parts are attached.

Figure 1 is a side elevation of the machine embodying my invention. Fig. 2 is a plan of the same. Fig. 3 is an elevation, which shows the end of the machine.

B represents the legs or uprights which support the machine. G represents the diagonal cross-bars which are attached to the rubber; and H represents the diagonal cross-bars which are placed the reverse of those on the

rubber, being fast to the bottom of the machine, both of which are seen in Fig. 2. F represents the axle, upon which the rubber is worked, resting in the grooves E, as seen in Fig. 1. D represents the two arms or uprights, which are attached to the inner sides of the rubber, by which said rubber is worked. C represents a slat or piece of wood which is fastened to the end of the machine, to which it is intended that a wringer shall be attached. The slats marked G and H are reverse of each other. X represents a lever, which is used to work the rubber back and forth.

What I claim as my invention and improvement in washing-machines is—

The construction and arrangement of the diagonal bars G and H, shaft F with the upright journal-boxes E, connecting-bars D, in combination with the frame and box and lever X, cross-bar O, all as shown and described.

WILLIAM J. FREEMAN.

D. I. WORTHINGTON,
J. K. BOYD.

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