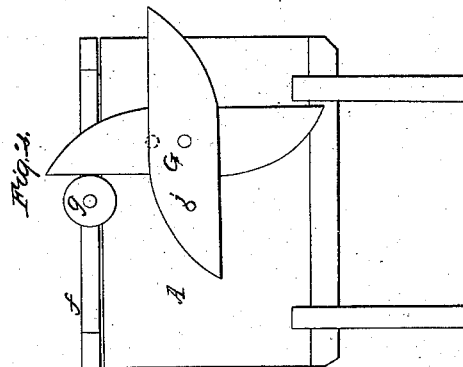
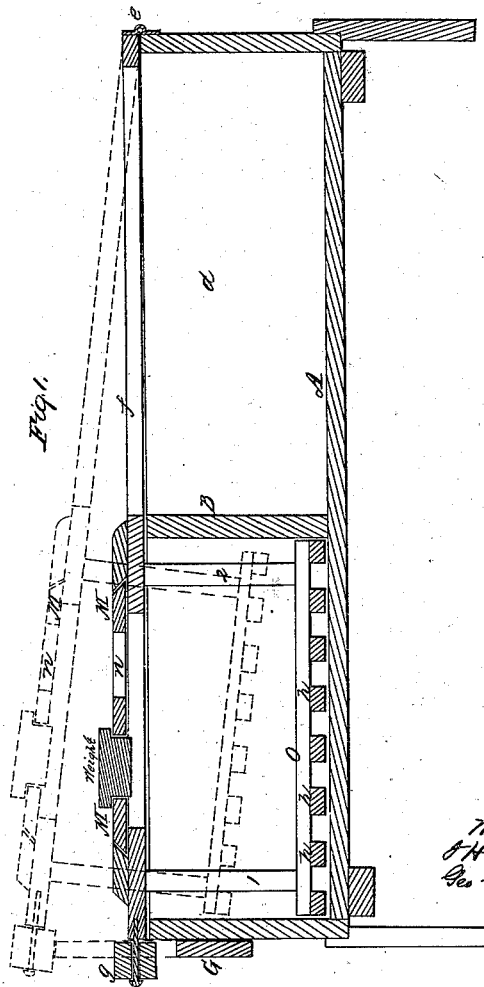
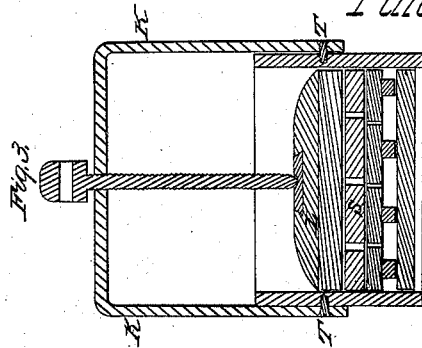


E. Sawyer,

Washing Machine,

N^o 54,965.

Patented May 22, 1866



Witnesses:
J. H. Phillips
Geo. C. Lambright

Inventor
Emory Sawyer
By J. J. D. Fuller his atty.

UNITED STATES PATENT OFFICE.

EMERY SAWYER, OF MILLBRIDGE, MAINE.

IMPROVED WASHING-MACHINE.

Specification forming part of Letters Patent No. **54,965**, dated May 22, 1866.

To all whom it may concern:

Be it known that I, EMERY SAWYER, of Millbridge, in the county of Washington and State of Maine, have invented a new and useful Machine for Washing and Cleansing Clothes, Wool, or other Fabrics; and I do hereby declare that the following is a full, clear, and exact description of the construction and operation of the same, reference being had to the annexed drawings, making a part of this specification.

The nature of my invention consists of a new mode of washing and cleansing fabrics and wool from dirt in such a manner that no injury is done to the articles being washed by it, and that it saves seven-eighths of the labor required in washing and cleansing the same by hand.

To enable others to construct a similar one, reference is had to the model and annexed drawings.

Letter A represents a box six feet long, eighteen inches wide, and fifteen inches deep. B represents a parting in the box A. C represents the apartment in which the washing is performed, and is three feet long, eighteen inches wide, and fifteen inches deep. *d* represents the apartment in which the wringer sets. *e* represents the place of a hinge that is secured to the end of the cover *f* at *e*, on the end of the cover. *g* represents a hub on the end of the wheel, which revolves around a pin when the wheel is turned to prevent friction on the cams of said wheel. *h* represents the washer, which consists of slats two inches square, and are secured to the side pieces O. Figures 1 and 2 represent posts of sufficient length to let these slats *h* strike upon the bottom of the box A. The slats fall suddenly by the turning of the wheel and strike suddenly upon the articles to be washed and cleansed, the suds just covering the surface of the clothes, causing a sudden and violent rushing of the suds to make room for the slats.

G represents a wheel, which is hung on the end of the box A. In Fig. 2, on the end of box A, are holes, one above the other, for the purpose of raising or falling the wheel G, for the proper rising and falling of said cover upon the articles being washed.

j represents the place for a pin or handle to turn the wheel with.

Fig. 3 represents a section of the wringer-box, which is eighteen inches long, fifteen inches wide, and eighteen inches deep.

K represents an iron band encircling the box. Through this band, at the top, a screw plays.

L represents the cover of the wringer. On the middle of the top side the end of the screw strikes upon an indenture in an iron plate to receive it, and when the screw is turned this cover is pressed down upon the garments washed and squeezes the water out of them. On the inside of the box is a rubber bottom, *s*, for the purpose of equalizing the pressure upon the clothes. The band K has a joint at T on each side, so that it can be turned down to put in and take out of the wringer-box whatever is put in or taken out.

n n represent the place for weights to be used when necessary. M represents a slide-cover.

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

1. The hinged cover, with its washing-ribs C, when operated by the cam-wheel G, as and for the purpose described.

2. The wringing-box, working between the arms *f*, and furnished with the rubber bottom and screw-pressure, as and for the purpose described.

EMERY SAWYER.

Witnesses:

JAMES BONZEY,
CLARINDA WYMAN.