

J. R. Madison,

Washing Machine,

N^o 57,348.

Patented Aug. 21, 1866.

Fig: 1.

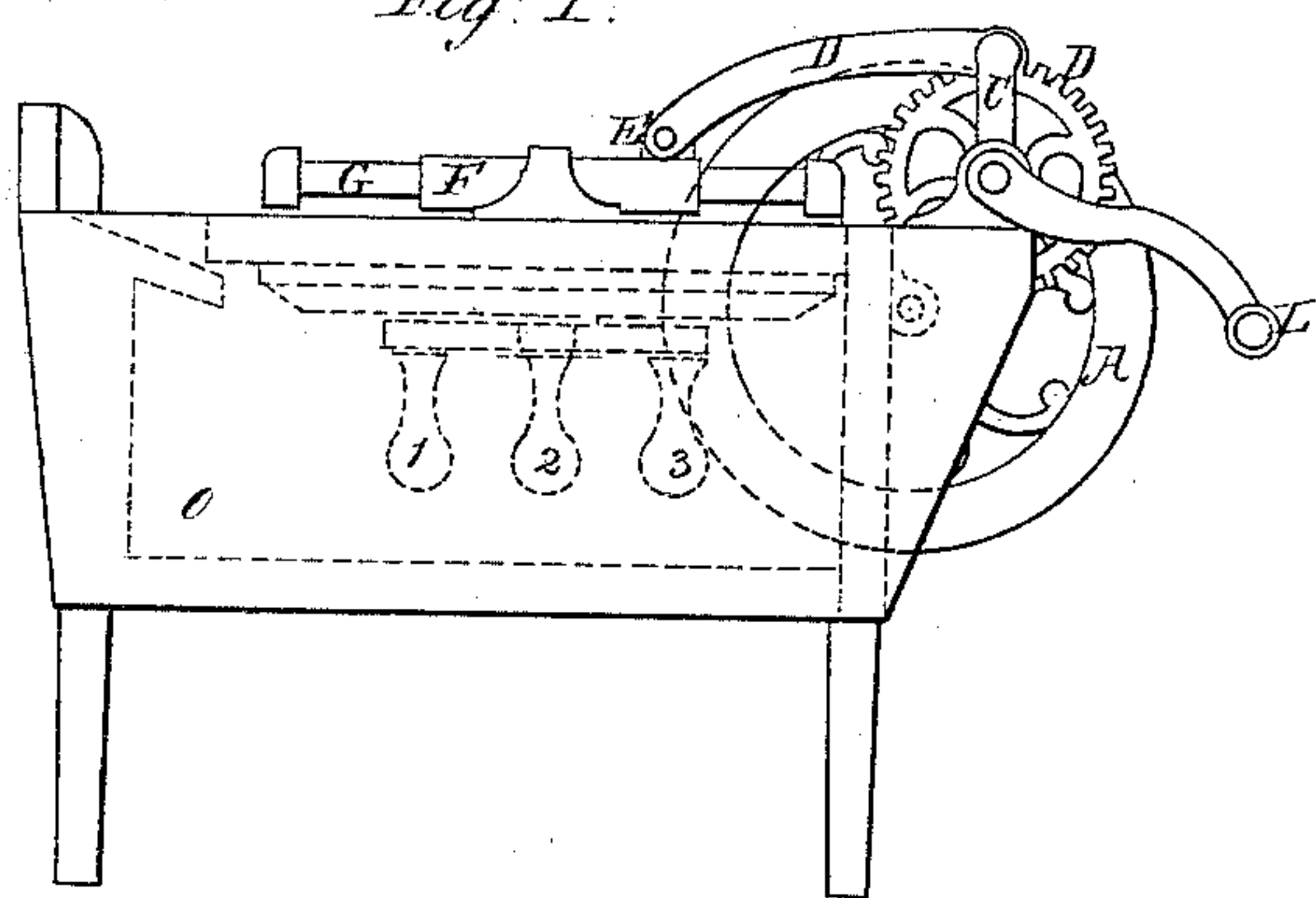


Fig: 2.

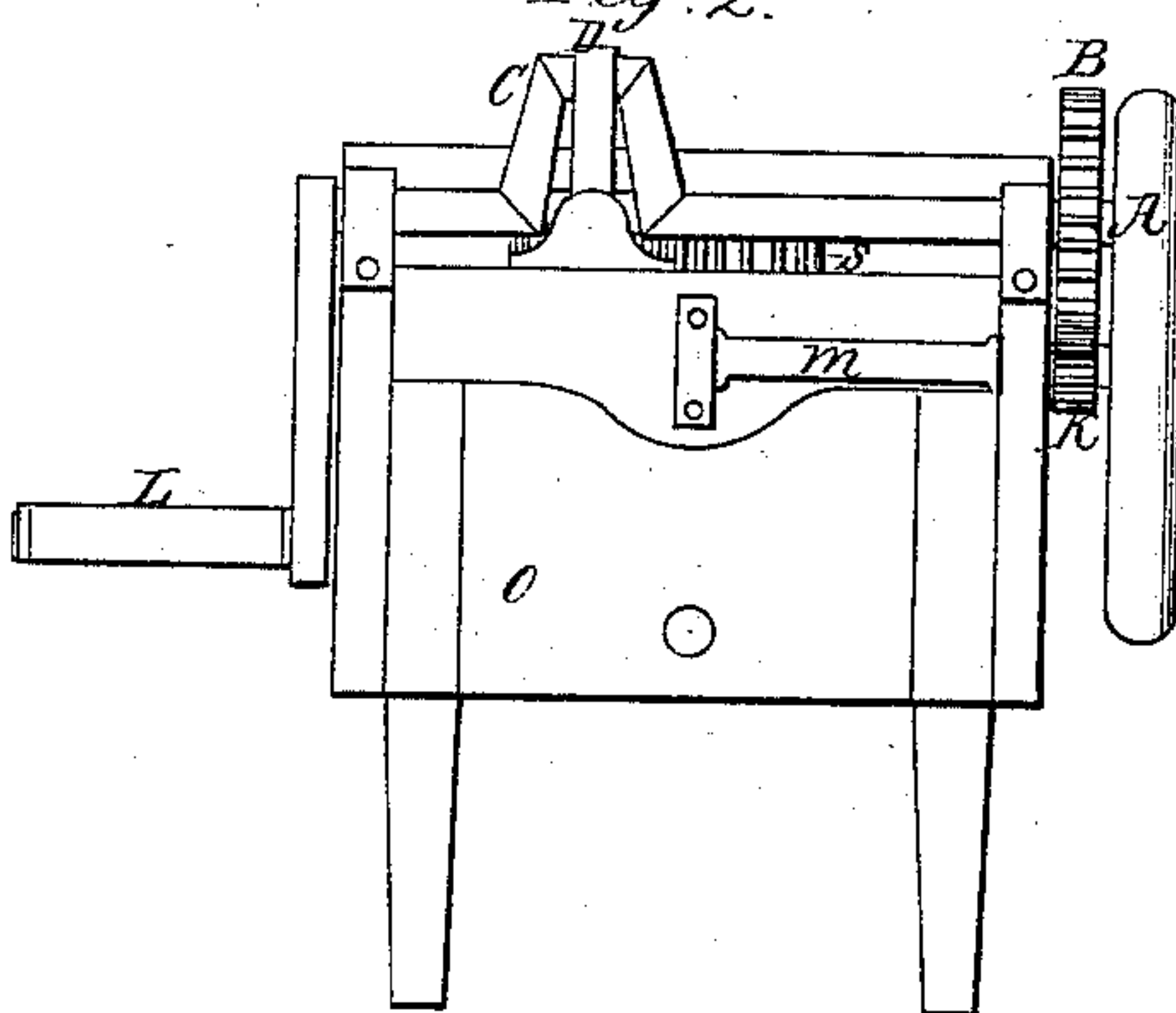


Fig: 3.

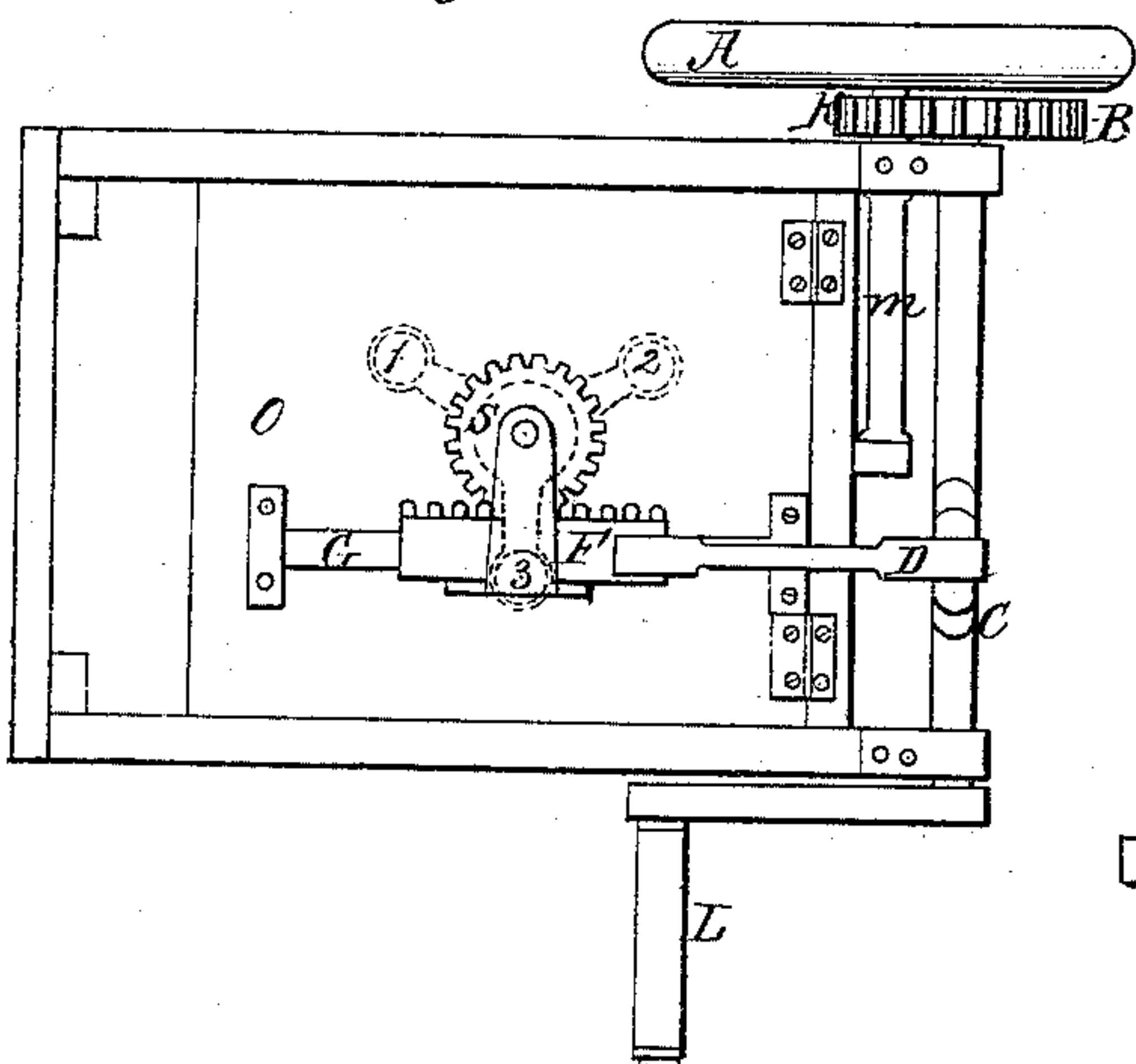


Fig: 4.

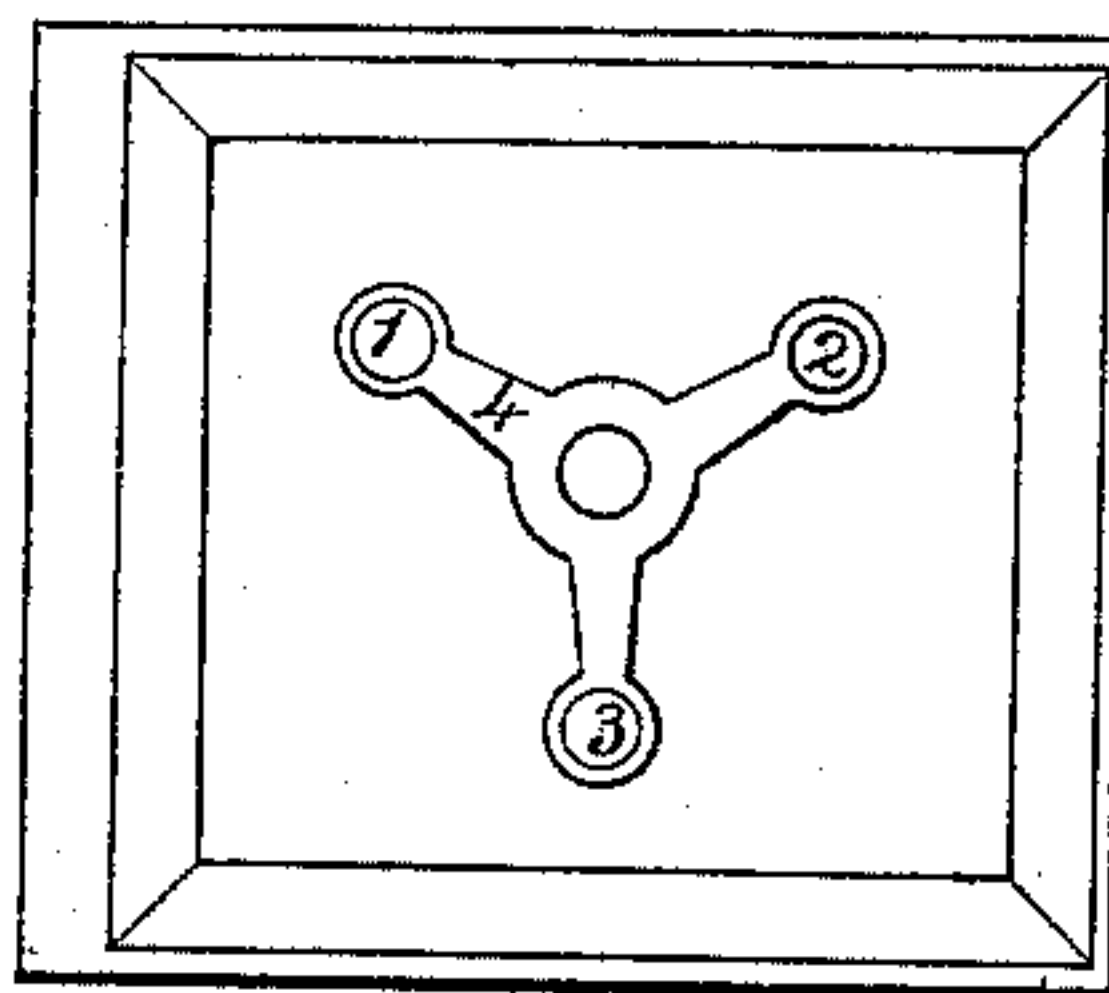
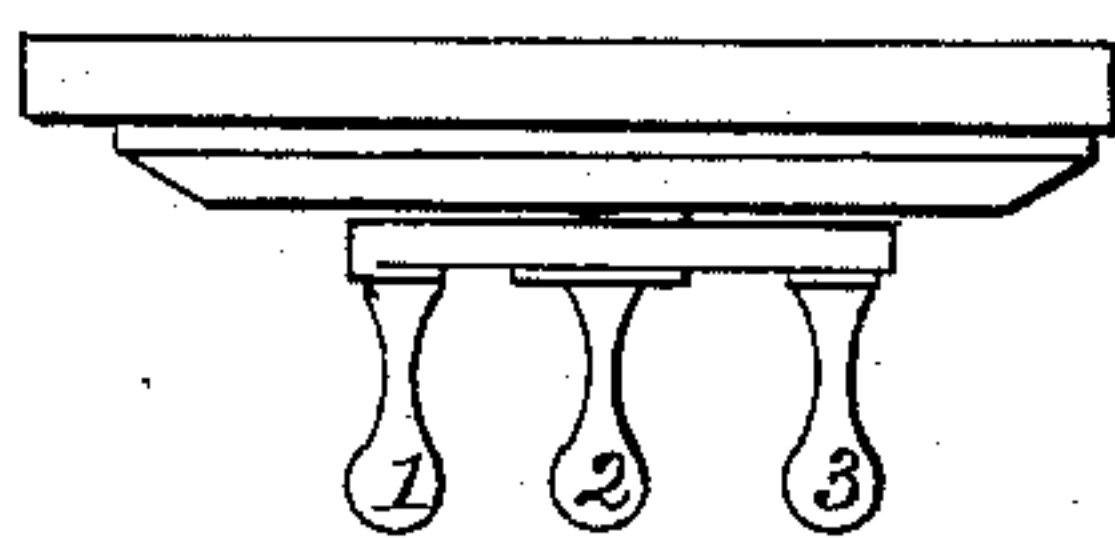


Fig: 5.



Witnesses:
A. B. Richmond
A. A. Lord

Inventor;
James P. Madison

UNITED STATES PATENT OFFICE.

JAMES R. MADISON, OF ONEIDA, ILLINOIS.

IMPROVED WASHING-MACHINE.

Specification forming part of Letters Patent No. **57,348**, dated August 21, 1866.

To all whom it may concern:

Be it known that I, JAMES R. MADISON, of Oneida, in the State of Illinois, have invented a new and Improved Washing-Machine; and I do hereby declare that the following is a full and exact description of the same, reference being had to the accompanying drawings and the letters of reference marked thereon.

Figure 1 is a side view of my machine. L is a crank; A, a balance or fly wheel. C is also a crank; D, a pitman; E, a sliding cogged rack, which slides on the guide-rod G. This cogged rack E gears into a cogged wheel, S. (See Fig. 3.) 1 2 3 are the pendulum rubbers or washers attached to three arms, 4, (see Fig. 4,) and these arms are attached to a perpendicular shaft, on the upper end of which is the wheel S. By this construction the rubbers are made to revolve alternately from left to right and from right to left. O is the wash-box, in which the clothes are put to be washed.

Fig. 2 is an end view of my machine. A is the fly-wheel hung on the shaft M. On this shaft is a pinion-wheel that gears into a large cogged wheel, B, on the crank-shaft. This construction gives the fly-wheel greater velocity.

Fig. 3 is a top view of my machine. A is the fly-wheel on the shaft M; K, the pinion; B, the large cogged wheel; D, the pitman; F, the cogged rack; S, the cogged wheel on the shaft on which the rubbers 1 2 3 are suspended.

Fig. 4 is a top view of the arms on which the pendulum-rubbers 1 2 3 are hung.

Fig. 5 is a side view of the rubbers.

The clothes are put in the box O with the water, and on turning the crank L they are thoroughly cleansed in a few moments.

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

The rubbers 1 2 3, operated by the crank C and the pitman D, and the cogged rack F, in combination with the wheel S and fly-wheel A, when the same are constructed in the afore-said combination, and for the purposes set forth.

JAMES R. MADISON.

Witnesses:

G. W. ROE,
G. F. DUNTLEY.