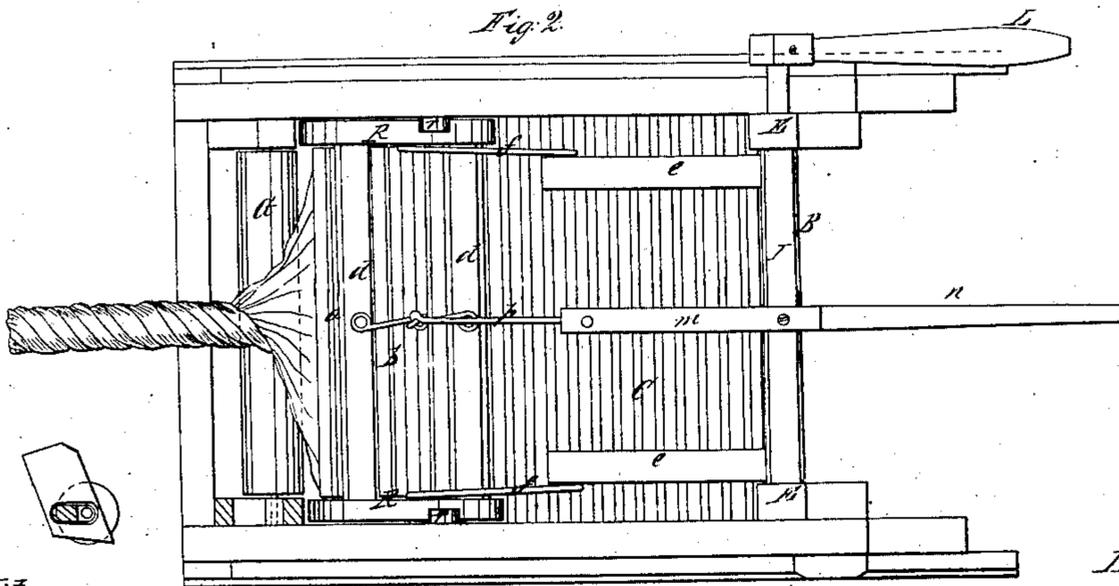
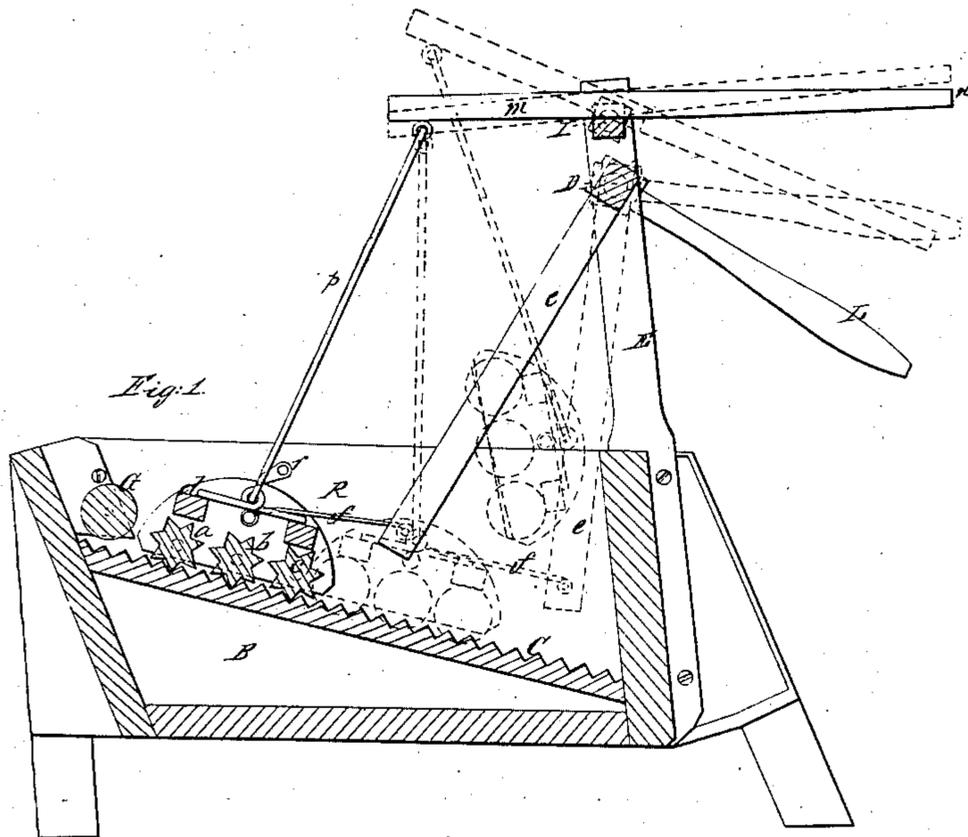


C. D. & S. M. Ober,

Washing Machine.

N^o 29,987.

Patented Sep. 11, 1860.



Witnesses:
P. L. Hawley
C. B. King

Inventor:
C. D. & S. M. Ober
Per Geo. Patten
att

UNITED STATES PATENT OFFICE.

C. D. OBER AND S. M. OBER, OF MORRISVILLE, VERMONT.

WASHING-MACHINE.

Specification of Letters Patent No. 29,987, dated September 11, 1860.

To all whom it may concern:

Be it known that we, C. D. OBER and S. M. OBER, of Morrisville, in the county of Lamoille and State of Vermont, have invented a new and useful Improvement in Washing-Machines; and we do hereby declare that the following is a full, clear, and exact description of the same, reference being had to the annexed drawing, forming part of this specification, in the several figures of which similar characters of reference denote the same part.

Figure 1 is a vertical longitudinal section, showing the rubber clamped for wringing purposes, in black lines, and the other positions of the same, in red lines. Fig. 2 is a top view.

The nature of our invention consists in the construction of washing machines by the arrangement of certain devices hereinafter to be set forth.

In the drawing B is the box having within it an inclined corrugated board C. Upon this board is a rubber R of corrugated rollers *a b c* within a frame *d*, driven by means of arms *e* and rods *f*, from the alternate partial rotation of shaft D, held by standards E E. The carriage is designed to be loaded with a weight, and being forced up the inclined board C by power applied to lever L, descends by its own gravity, rendering its movement exceedingly easy to the operator.

Supported by standards E E, is a shaft I having arms *m n* to one of which (*m*), by rod *p*, the rubber is connected so as to be elevated as shown in Fig. 1 by red lines, so that the clothing may be adjusted or removed. At the head of the machine is a roller G in elastic bearings, as shown in detached view.

When the washing is finished, the rubber is run into the position shown by black lines in Figs. 1 and 2, and the carriage secured by the dogs *r*. The clothing is then drawn through from between the roller G and the rubber and wrung as shown in the drawing; the rubber and roller G serving as a clamp to hold the clothing. This is particularly advantageous where large articles are washed.

We claim—

The arrangement of rubber R constructed as described, with the corrugated board C, yielding roller G, dogs *r*, standards E E, shafts D and I, arms *m n* and *e* and rods *p* and *f*, as and for the purposes set forth.

In testimony whereof we have hereunto signed our names before two subscribing witnesses.

C. D. OBER.
S. M. OBER.

Witnesses:

A. H. DANFORTH,
H. POLLEY.