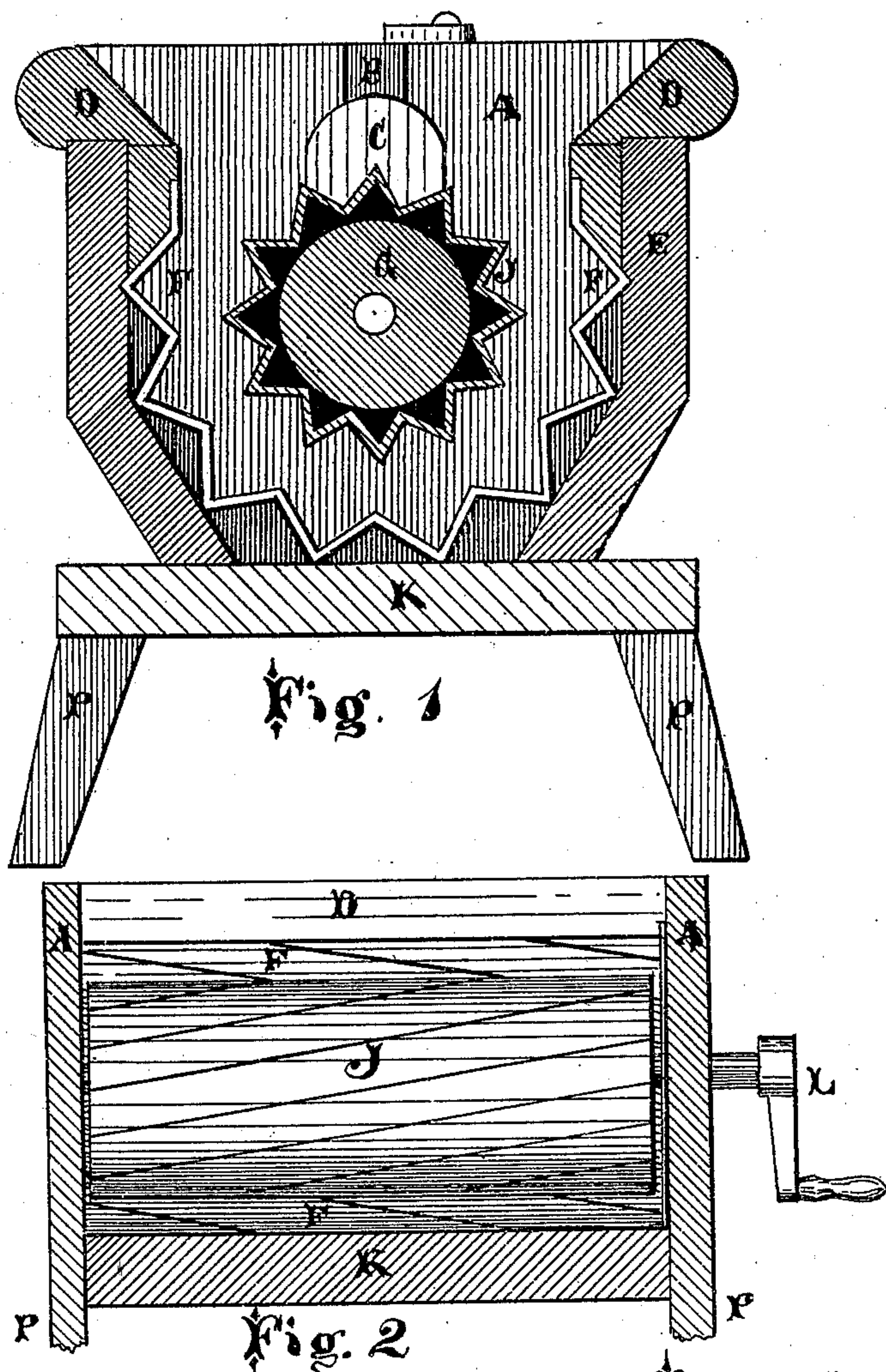


J. M. MONFORT & A. J. RILEY.

Improvement in Washing-Machines.

No. 131,553.

Patented Sep. 24, 1872.



Witnesses;
Nathan T. Coffin
H. T. Grinnell Jr.

Inventor.
John M. Monfort
Andrew J. Riley
By H. & E. C. Smith attys.

UNITED STATES PATENT OFFICE.

JOHN M. MONFORT AND ANDREW J. RILEY, OF BOONE COUNTY, INDIANA.

IMPROVEMENT IN WASHING-MACHINES.

Specification forming part of Letters Patent No. 131,553, dated September 24, 1872.

To all whom it may concern:

Be it known that we, JOHN M. MONFORT and ANDREW J. RILEY, of the county of Boone and State of Indiana, have invented certain Improvements in Washing-Machines, of which the following is a specification:

The object of our invention is to produce a washing-machine so arranged and turned by a crank as to carry out the principle of a grinding motion on the clothes, which is the efficient agency in washing clothes, and which will not admit of the machine being adjusted to the clothes but the clothes to the machine.

Figure 1 represents an end view of the interior of the machine. Fig. 2 is a side view of the same—one side of the box being removed so as to show the arrangement of the different parts.

A A represents the ends of the box. B C is an adjustable journal-box for the cylinder G to rotate in. D D are the upper side edges of the box. E E are the sides of the concave box. F F is the corrugated zinc cover or lining for the concave. G is the cylinder, upon which is a cover of corrugated zinc, J. This cover and the lining F of the concave have corrugations one inch deep and at a little less than a right angle, and are secured to their

respective parts by tinned nails or screws. The zinc coverings for the cylinder and concave are placed in their positions spirally—the obliquity of the corrugations running in opposite directions, as shown in Fig. 2.

To operate the machine, place the clothes in the concave on one side of the cylinder and turn the crank twice around; this will bring the clothes up on the other side of the cylinder; then reverse the motion, and the clothes will return to the place they started from.

Claims.

We claim the corrugated zinc covers J and F on the roller and inside of the concave box E, when placed in their respective positions, spirally on each, with the corrugations obliquely to each other, in combination with the other portions of the device, substantially as or for the purpose set forth.

In testimony whereof we have signed our names to this specification in the presence of two subscribing witnesses.

JOHN M. MONFORT.
ANDREW J. RILEY.

Witnesses:

S. C. FRINK,
N. T. COFFIN.