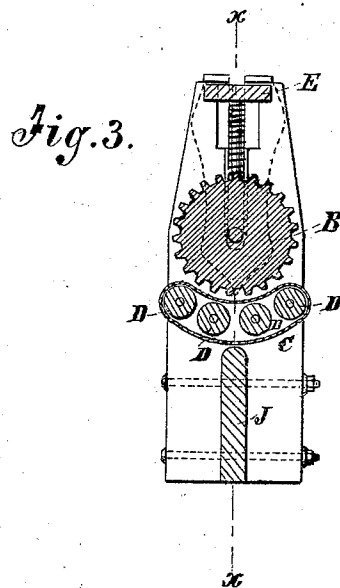
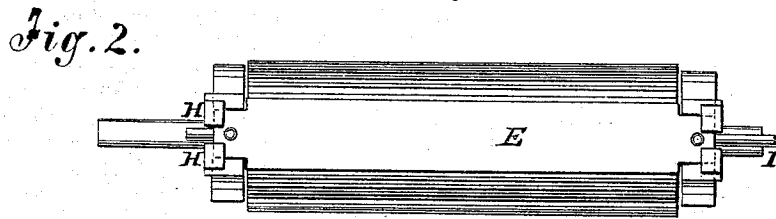
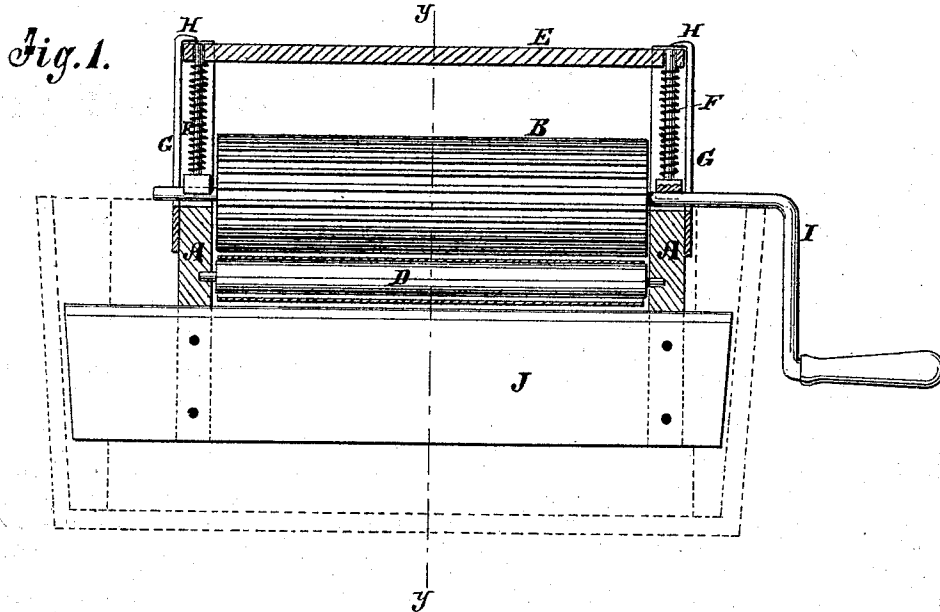


A. S. BABBIT.
Washing-Machines.

No. 148,021.

Patented March 3, 1874.



Witnesses:

H. Bernierendorf.
S. J. G. 10

Inventor:

A. S. Babbitt
Per *Munn & Co.*
Attorneys.

UNITED STATES PATENT OFFICE.

ASHER S. BABBIT, OF KEESEVILLE, NEW YORK.

IMPROVEMENT IN WASHING-MACHINES.

Specification forming part of Letters Patent No. **148,021**, dated March 3, 1874; application filed May 17, 1873.

To all whom it may concern:

Be it known that I, ASHER S. BABBIT, of Keeseville, in the county of Essex and State of New York, have invented a new and useful Improvement in Washing-Machines, of which the following is a specification:

The object of the present invention is to furnish a cheap, easily adjusted, simple working machine to be attached to any common wash-tub. The invention will be first fully described, and then clearly pointed out in the claim.

In the drawing, Figure 1 is a vertical section of the machine taken on the line *x* of Fig. 3. Fig. 2 is a top view. Fig. 3 is a vertical cross-section taken on the line *y y*, Fig. 1.

Similar letters of reference indicate corresponding parts.

A A are two uprights. B is the fluted working-cylinder. C is the endless apron. D are bearing-rollers—three, more or less—beneath the washing-cylinder, around which the loose apron C is placed to prevent light pieces of clothing from winding around the rollers, which is the only object of the apron. E is a hand bearing-bar which extends from one upright to the other, and rests on top of the spiral springs F. The springs bear, as usual, upon

the bearing-shaft of the working-cylinder. As a person turns the machine, the left hand will naturally rest on this bar, and the pressure of the cylinder B upon the clothes beneath it is readily increased by a little additional pressure on this bar. G G are slotted plates on the outside of the uprights, in the slots of which the crank-shaft I, which passes through the working-cylinder, runs. H represents hooks on the ends of these plates, which act as stops over the hand-bar to limit the upward movement. The uprights A A are connected by means of the bar J at the bottom, by means of which the machine is attached to the tub. By the use of the cross-bar, the clothes are prevented from following the belt.

Having thus described my invention, I claim as new and desire to secure by Letters Patent—

The combination with lower rolls D of endless belt, and subjacent connecting cross-piece or cross-pieces, as described, to cause the clothes that attempt to follow the belt around to be scraped off.

ASHER S. BABBIT.

Witnesses:

T. B. MOSHER,
SOLON C. KEMON.