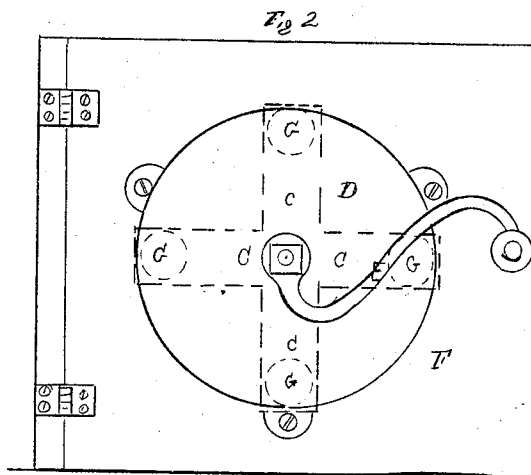
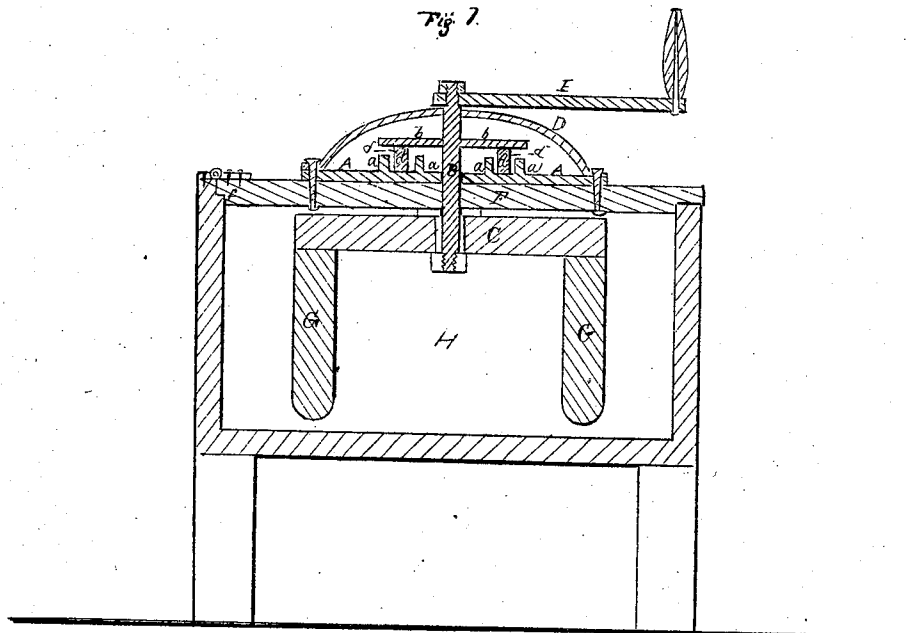


M. BECK.

WASHING MACHINE.

71570

PATENTED  
DEC 3 1867



Witnesses  
L. Hammett  
Jas. R. Haydon

M. Beck  
Inventor  
by J. B. Turching  
his Attorney

# United States Patent Office.

MIKEL BECK, OF LAKE VIEW, ILLINOIS.

*Letters Patent No. 71,570, dated December 3, 1867.*

## IMPROVED WASHING-MACHINE.

*The Schedule referred to in these Letters Patent and making part of the same.*

### TO ALL WHOM IT MAY CONCERN:

Be it known that I, MIKEL BECK, of the town of Lake View, in the county of Cook, and State of Illinois, have invented new and useful "Improvements in Washing-Machines;" and I do hereby declare that the following is a full and exact description thereof, reference being had to the accompanying drawings, making part of this specification, in which—

Figure 1 represents the section of the machine and gear, and

Figure 2 the top view of the box and the spider in dotted lines.

The nature of my invention consists in a peculiar construction of the gear to be attached to and work the washing-machine; it consists also in the arrangement of the spider, worked by said gear, and provided with pins, which do the washings, as will be hereinafter explained.

To enable others skilled in the art to make and use my invention, I will proceed to describe its construction and operation.

Plate A, provided with two raised circular flanges *a a*, forming a groove, is secured to the cover F of the washing-box H, and a pin or shaft B, provided with a circular plate, *b*, passes through the centre of the plate A, and through a wooden spider, C, to which it is firmly secured. Several rollers or balls *d d* are laid into the groove between the flanges *a a*, the plate *b* resting and moving on them, and the whole is covered by a bell-shaped metallic cover, D, fastened to the lid of the box H; the top of the pin or shaft B protruding above it, on the end of which a crank-handle, E, is screwed. The lid or cover F of the washing-box is laid inside of the box H, and rests on its flanges *ff*. It retains its position, and gives to the plate A also a steady position, during the operation of the machine, by means of the crank-handle E, while the pin B and the spider C revolve. The lid is hinged to the box. The spider C may have four or more arms, to which washing-pins G G are attached. The box H is square.

The operation of the machine consists in this, that the suds and cloth are put into the box, and the lid shut, and the crank-handle E is turned one way and the other, by which movement the spider C is moved also, and its pins, stirring the cloth, wash it.

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

The gear, consisting of the grooved plate A, pin or shaft B, provided with plate *b* and rollers *d d*, in combination with the lid or cover F of the box, the whole arranged and operating substantially as herein set forth.

The spider C, provided with pins G G, in combination with the above-described gear, substantially as set forth.

MIKEL BECK.

Witnesses:

J. B. TURCHIN,

JAS. R. HAYDEN.