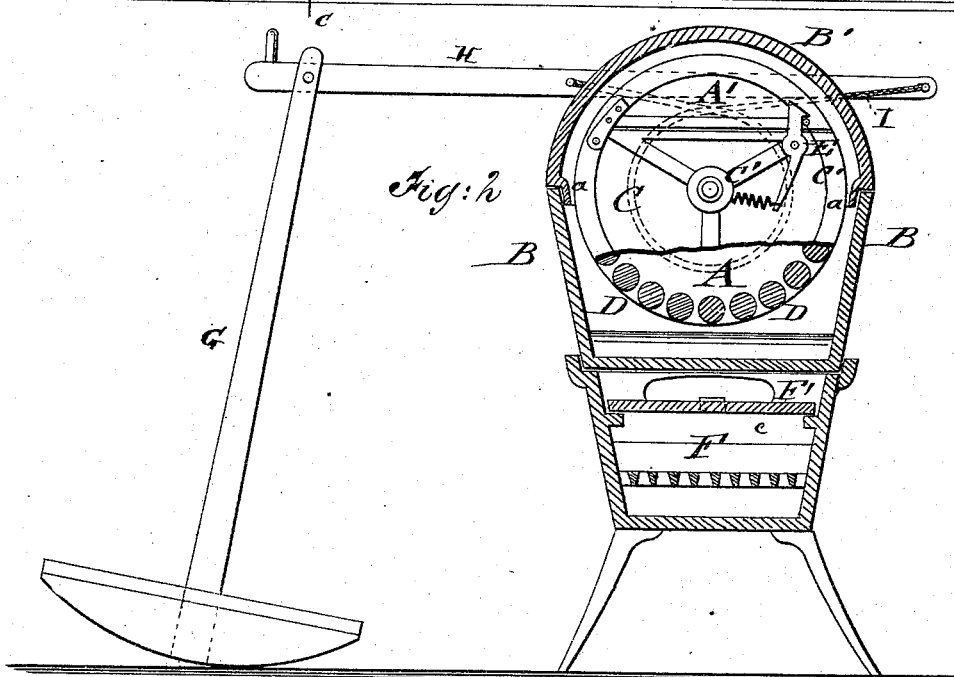
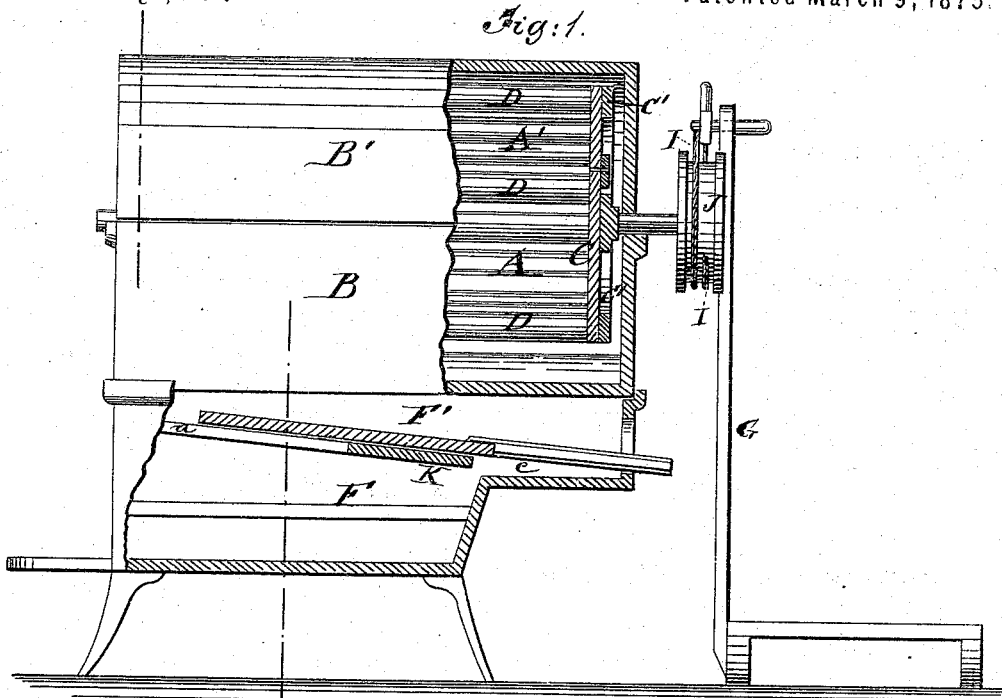


G. HUNTINGTON.  
Washing-Machine.

No. 160,597

Patented March 9, 1875.



WITNESSES:

*Cnas. Lida.*  
*A. J. Terry*

INVENTOR:

BY *G. Huntington*  
*Munnell*  
ATTORNEYS.

# UNITED STATES PATENT OFFICE.

GIDEON HUNTINGTON, OF TORONTO, CANADA.

## IMPROVEMENT IN WASHING-MACHINES.

Specification forming part of Letters Patent No. **160,597**, dated March 9, 1875; application filed January 4, 1875.

*To all whom it may concern:*

Be it known that I, GIDEON HUNTINGTON, of Toronto, in the Province of Ontario and Dominion of Canada, have invented a new and Improved Washing-Machine, of which the following is a specification:

In the accompanying drawing, Figure 1 represents a side elevation, partly in section, of my improved washing-machine; and Fig. 2, a vertical transverse section of the same on the line *c c*, Fig. 1.

Similar letters of reference indicate corresponding parts.

The invention is an improvement in the class of washing-machines in which a clothes-holding open-work drum or cylinder is arranged to rotate in a tub or vessel set over a furnace.

The invention consists in operating the clothes-drum by means of a vertical rocking standard, a connecting-bar, cords, and a pulley, which latter is mounted on the drum-shaft, as hereinafter described.

In the drawing, A represents the cylindrical clothes-drum, which turns in suitable bearings of an inclosing casing or boiler, B, with detachable top part B', having flange *a*. The metallic drum-heads C are connected by rounds or bars having small interstices be-

tween them. The heads C are made of a metallic supporting-frame, C', with radial arms, central shaft, and circumferential rim. A top section, A', of the drum is hinged to the main section and locked by spring-latches E or other similar locking devices. The boiler is placed on a heater or furnace, F, with sliding damper F', (covering openings *a* or *c*, according to its position,) for regulating the fire.

The drum is reciprocated by a rocking standard, G, a horizontal bar, H, pivoted thereto, and straps or cords I, which are wound in reversed directions around the pulley J of the drum-shaft, and attached to said bar H. By applying the foot to the rocker the standard G is vibrated, and the desired motion imparted to the drum.

What I claim is—

In a washing-machine, the combination of the vibrating rocker-standard G, horizontal bar H, cords I, pulley J, and drum A, all combined and operating as shown and described.

GIDEON HUNTINGTON.

Witnesses:

W. FITZGERALD,  
N. S. HOGE.