

M.C. Cronk, Washing Machine.

N^o 42,352.

Patented Apr. 19, 1864.

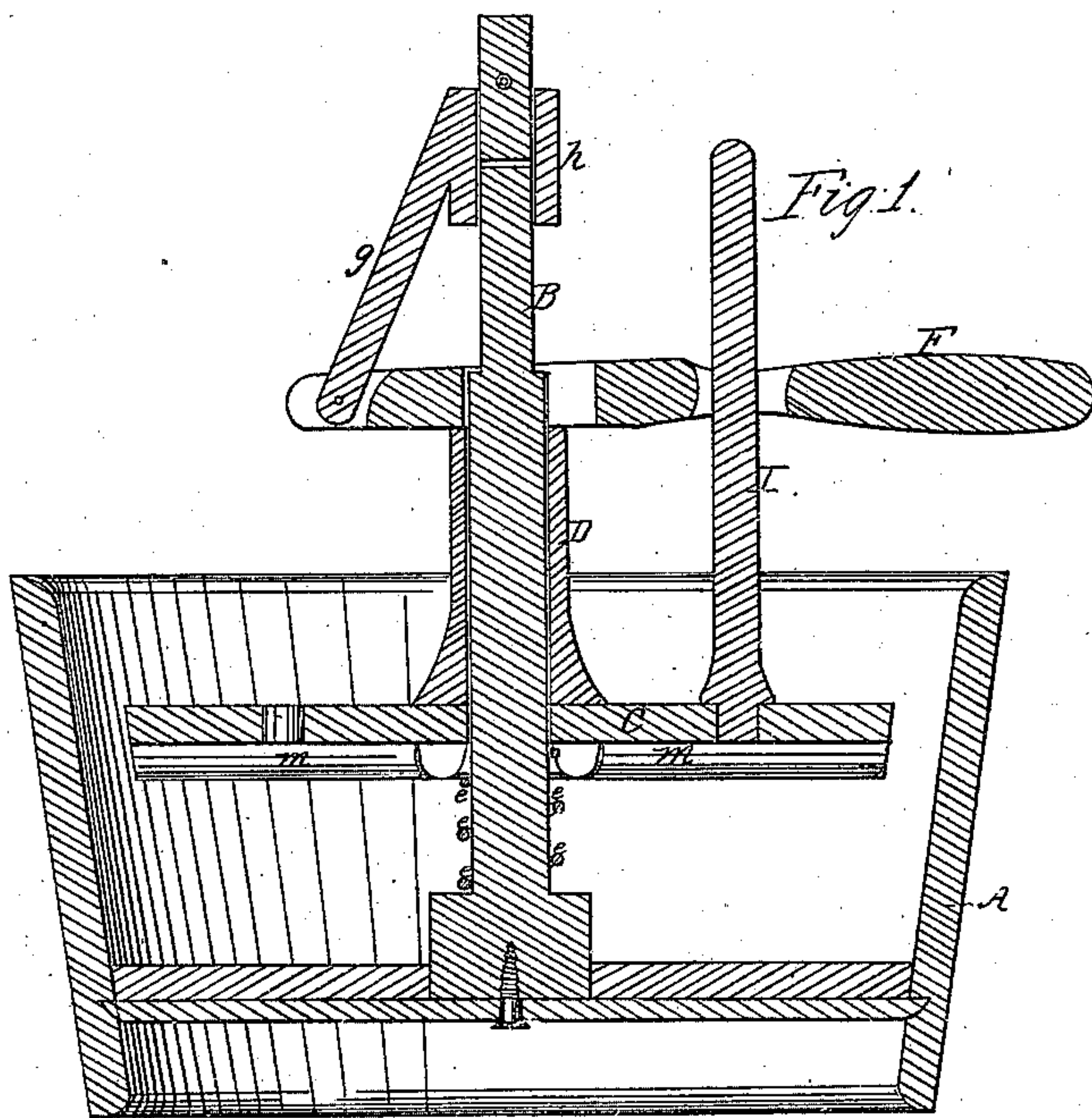
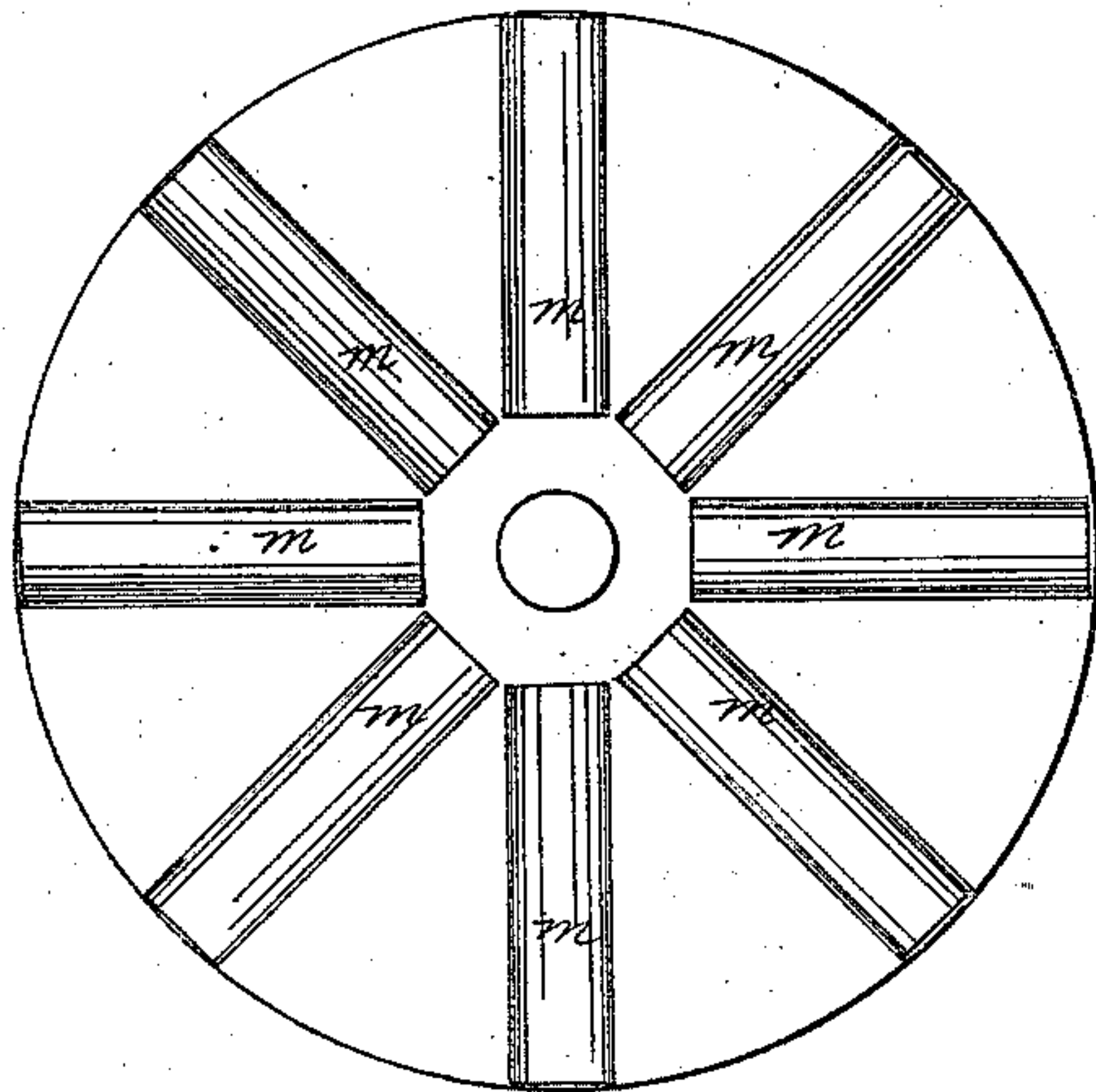


Fig. 2.



Witnesses:
John P. Jacobs
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UNITED STATES PATENT OFFICE

M. C. CRONK, OF AUBURN, NEW YORK.

IMPROVED WASHING-MACHINE.

Specification forming part of Letters Patent No. 42,352, dated April 19, 1864.

To all whom it may concern:

Be it known that I, M. C. CRONK, of Auburn, in the State of New York, have invented certain new and useful Improvements in Washing-Machines; and I hereby declare that the following is a true and exact description of the same, reference being had to the accompanying drawings, and to the letters of reference marked thereon.

The nature of my invention consists in the use of certain devices hereinafter described, to facilitate the process of washing clothes.

Figure 1 in the annexed drawings represents a vertical section of my machine, taken through the center. Fig. 2 represents a plan view of the rubbers arranged at the bottom of the tub.

A in Fig. 1 represents the body of the tub, which is similar in form to those used for washing by hand.

B represents a post firmly attached to the bottom of tub A and extending upward about half its length above the upper edge of A.

C represents a circular platform horizontal in position, and extending out to within half an inch of the interior circumference of tub A. The platform C is penetrated through its center by post B, around which it is intended to play freely, and is supported by a spiral spring, *e*, the bottom of the spring resting on a shoulder formed on post B.

D represents a sheath which plays on post B and rests at its lower end on platform C.

F represents a lever with an oval-shaped hole cut through it sufficiently large to admit of its playing freely on post B.

g designates a brace, the lower end of which fits in a fork of lever F, to which it is confined by a pin, and the upper end fastened to the sleeve *h*, the sleeve *h* being made to play vertically on post B.

I represents an upright fastened at bottom to the platform C, about midway between post B and the circumference of the tub A, and running parallel with B. A mortise is cut through the long arm of lever F, through which the upright I passes. It will be observed that by this arrangement a horizontal motion is given to the platform C, as the long arm of lever F is moved in a plane parallel with the surface of the tub A. The platform C has several perforations to admit of a free passage of the water, and is furnished with a number of rubbers on its under surface. These rubbers (marked *m*) radiate from near the center of platform C and are made convex on the rubbing-surface. (See Fig. 2.) The bottom of tub A is supplied with rubbers similarly constructed and arranged. By means of the spring *e*, the platform C adjusts itself to the bulk of clothing contained in the tub A.

The mode of operating my machine is simply to move the long arm of lever F to and fro with a horizontal reciprocating motion, which is effected by the agency of the upright I passing, as already described, through lever F. This action being rapidly performed, the cleansing process is effected with care and expedition.

Having thus described my machine, what I claim, and desire to secure by Letters Patent, is—

The post B, the sheath D, the sleeve *h*, the upright I, the brace *g*, and the lever F, the whole arranged, constructed, and operated substantially as herein described.

M. C. CRONK.

Witnesses:

F. G. DAY,
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