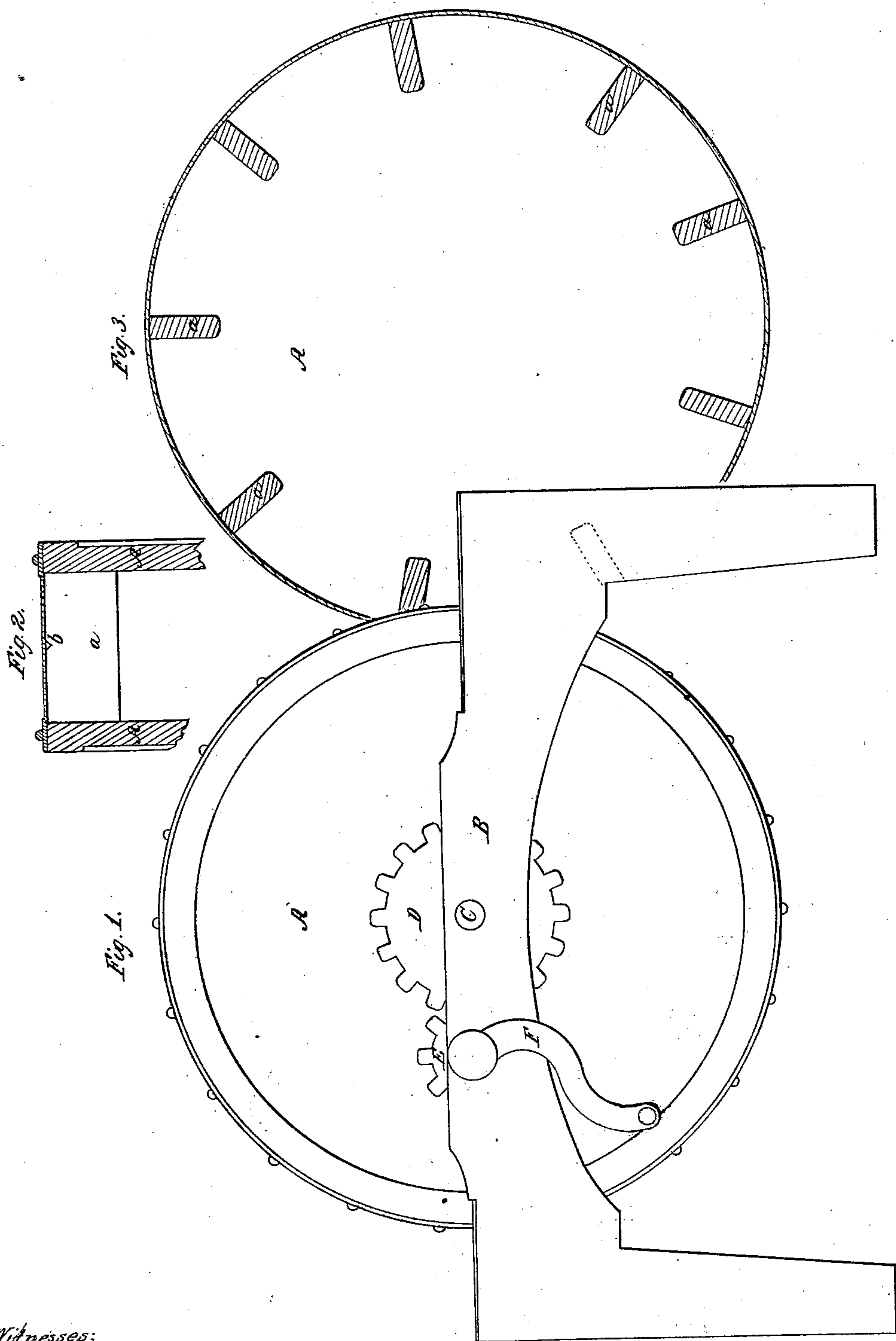


F. Brinckman.

Washing-Machine.

N^o 93,942.

Patented Aug. 17. 1869.



*Witnesses;
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United States Patent Office.

FRIEDRICH BRINCKMAN, OF CHESTER, ILLINOIS.

Letters Patent No. 93,942, dated August 17, 1869.

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, FRIEDRICH BRINCKMAN, of Chester, in the county of Randolph, and State of Illinois, have invented a new and useful Improvement in Washing-Machines; and I do hereby declare the following to be a full and correct description of the same, sufficient to enable others skilled in the machines to which my invention appertains, to fully understand and use the same, reference being had to the accompanying drawings, which make part of this specification, and in which—

Figure 1 is a side elevation of my washing-machine;

Figure 2 is a sectional view of one of the buckets; and

Figure 3 is a sectional side view of the washing-drum.

Like letters of reference indicate like parts in the several figures.

My invention consists in washing clothes by means of a rotary drum, provided on the periphery of its inside with buckets or beaters, and operated by means of cog-wheels and a crank.

A, in the drawings, represents the drum, which may be constructed of wood, in any well-known way, and have its periphery bound with an iron band or bands, for strength, and provided with an opening for the admission of water, soap, and the clothes, which opening is closed by a suitable removable cover.

On the inside of the periphery of drum A, are secured buckets or beaters *a*, being provided at their end, contingent to the periphery, with a small opening or notch, *b*, which allows the water to escape completely from the drum, when the latter is to be emptied.

B is the frame, in which the drum A rotates, and in a slot formed in one side of it, and secured on the shaft or trunnion C, of drum A, moves a cog-wheel, D, gearing with a smaller cog-wheel, E, moving in the same slot, and operated by a crank, F.

Clothes being placed in the drum A, together with water and soap, the drum is rotated by means of crank F and cog-wheels E D.

The motion forces the water and clothes against the buckets, and by the agitation of the water striking against the same, the clothes are cleansed.

Having thus described my invention,

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

The combination and arrangement of drum A, provided with buckets *a*, having notches *b*, cog-wheels D E, crank F, and frame B, as described and shown.

FRIEDRICH BRINCKMAN.

Witnesses:

H. BINGER,
W. BRINCKMAN.