

PATENTED JAN 10 1871

*A. Z. Young. Washing Machine.*

110885

*Fig. 1.*

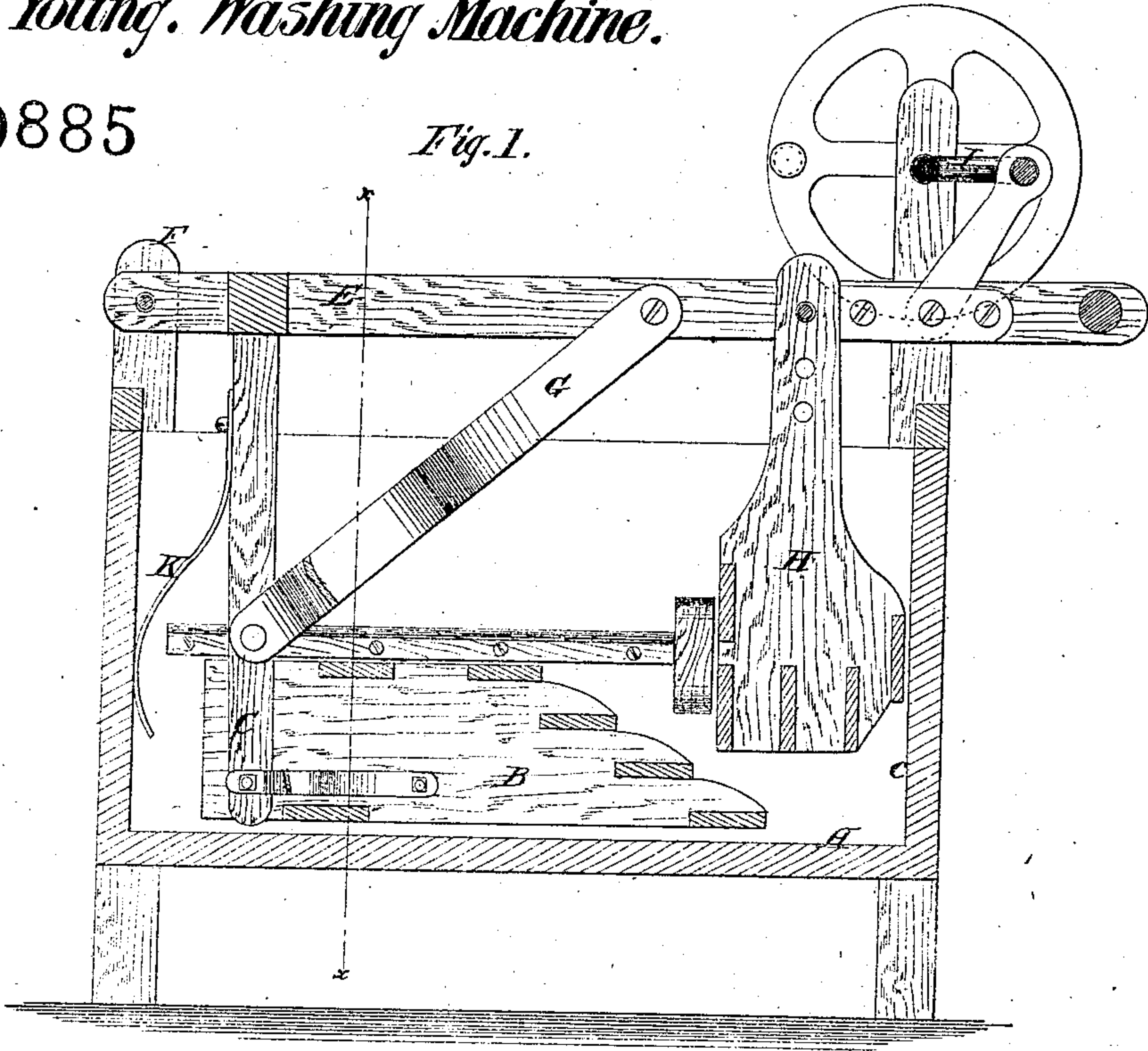
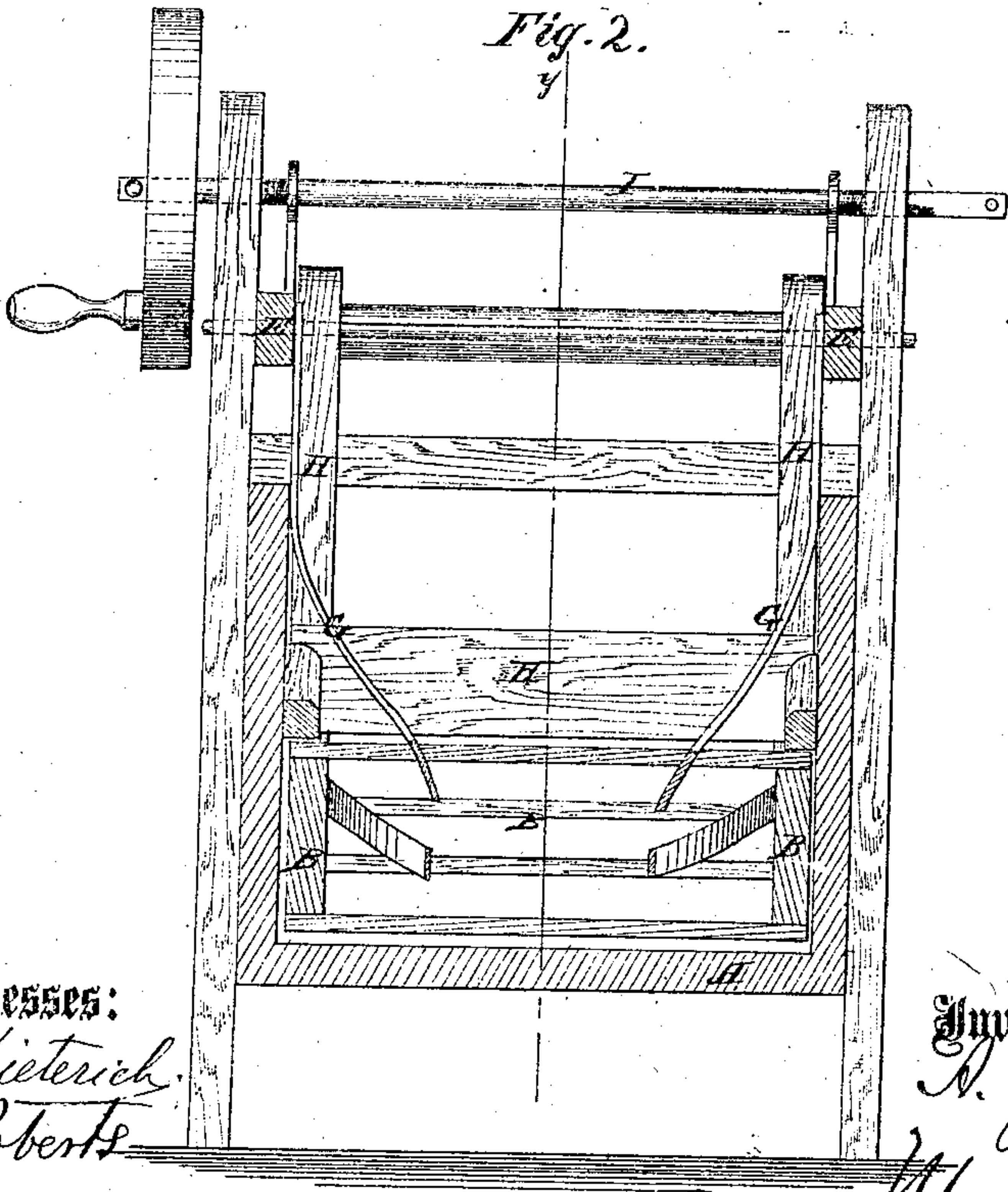


Fig. 2.



**Witnesses:**

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# United States Patent Office.

ANANIAS Z. YOUNG, OF LIBERTY, MISSISSIPPI.

Letters Patent No. 110,885, dated January 10, 1871.

## IMPROVEMENT IN WASHING-MACHINES.

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, ANANIAS Z. YOUNG, of Liberty, in the county of Amite and State of Mississippi, have invented a new and useful Improvement in Washing-Machines; and I do hereby declare that the following is a full, clear, and exact description thereof, which will enable others skilled in the art to make and use the same, reference being had to the accompanying drawing forming part of this specification.

This invention relates to improvements in washing-machines; and

It consists in a vertically-working dasher at one end of a rectangular case and a horizontally-reciprocating dasher at the bottom, arranged in connection with a vibrating frame mounted horizontally over the case, so that the dashers will be worked against the clothes alternately in a way to shift or turn them while beating them in an efficient manner, all as hereinafter described.

Figure 1 is a longitudinal sectional elevation of my improved machine, and

Figure 2 is a transverse sectional elevation of the same.

Similar letters of reference indicate corresponding parts.

A is the case or tub, preferably made in rectangular form, and considerably longer than it is wide.

B is a reciprocating dasher, arranged in the bottom of the case to work toward and from the end C, in the corner of which the clothes are to be placed. Said dasher is connected to the lower end of the arm D, projecting downward from the working frame E, which

is pivoted to posts F rising up from the end of the case opposite to where the clothes are placed; said arm is rigidly connected to the frame, and provided with braces G.

H is the vertically-working dasher, suspended from frame E near end C of the case, to be worked up and down when said frame is vibrated, either by hand or by a crank-shaft, I, to which power may be applied in any suitable way if preferred.

The vibration of this frame produces an alternate action of the dashers on the clothes calculated to be very efficient in cleaning them, and the dasher B, being shaped as shown at the operating end, is calculated to turn the clothes slowly, so that they will be acted on alike throughout.

The dasher H is attached to the frame so as to be adjusted higher or lower, as may be required by the quantity of clothes in hand, and the other one may also be adjustably connected to the arm D, if preferred.

A spring is applied to the arm and so arranged with the case as to throw it up when let go.

Having thus described my invention,

I claim as new and desire to secure by Letters Patent—

The dashers B and H, working frame E, and case A, all combined and operating substantially as specified.

ANANIAS Z. YOUNG.

Witnesses:

R. P. SMILEY,  
A. S. CASTON.