

(No Model.)

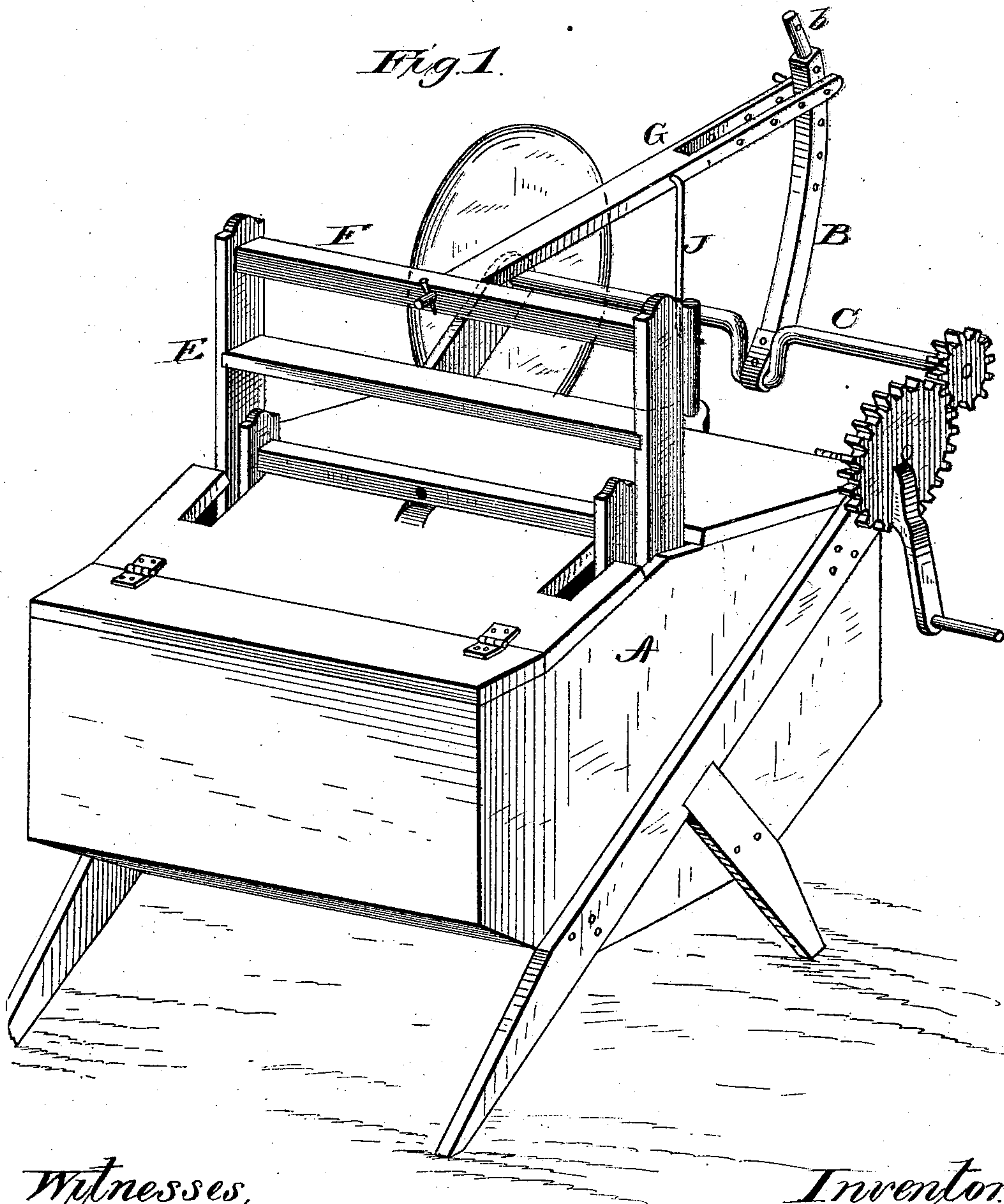
2 Sheets—Sheet 1.

R. H. BOTTS.

Churning Attachment to Washing Machines.

No. 237,952.

Patented Feb. 22, 1881.



*Witnesses,*  
*Frank L. Ouraud,*  
*R. K. Evans*

*Inventor,*  
*Robt. H. Botts*  
*by*  
*A. H. Evans & Co*  
*Attys*

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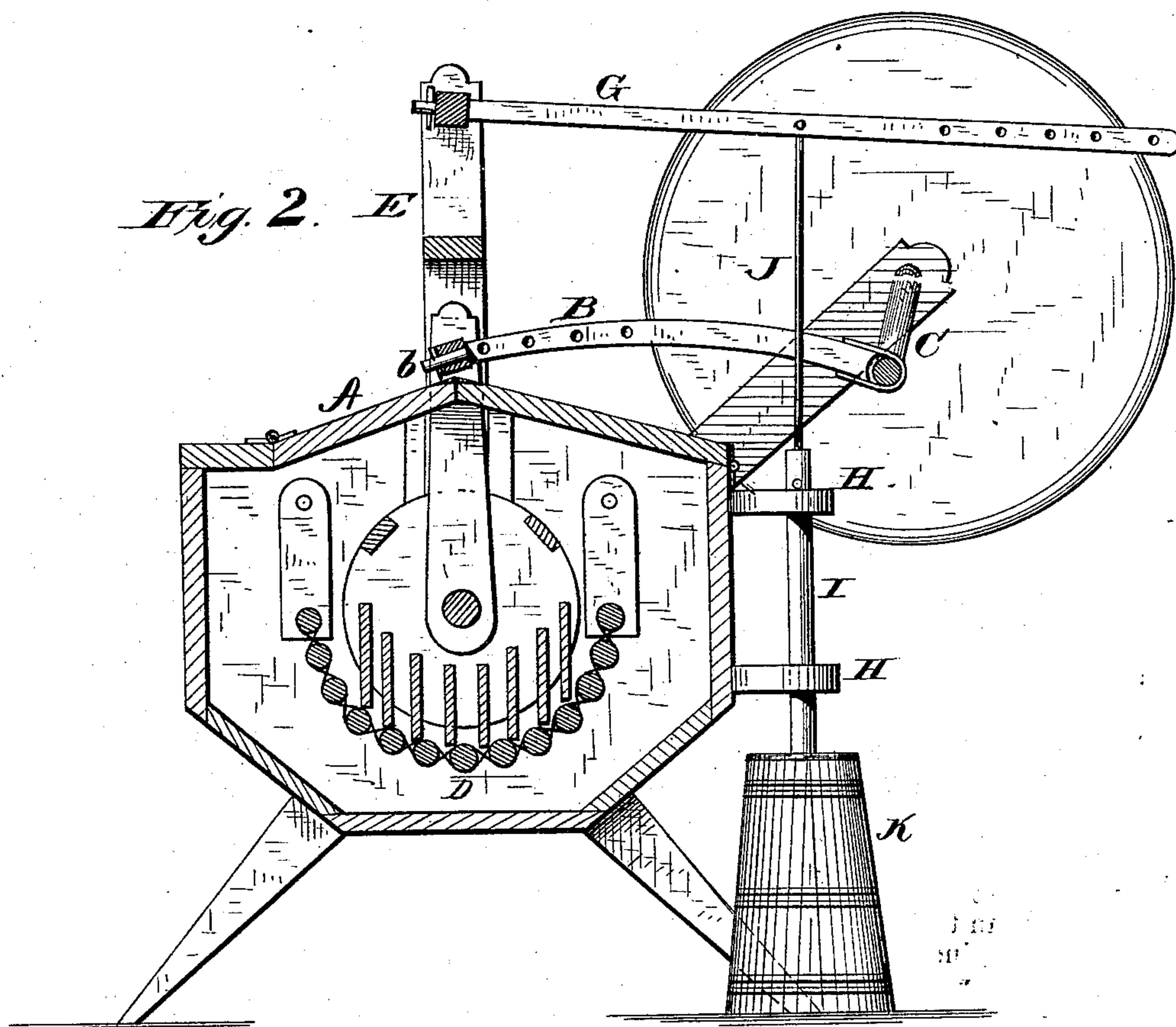
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# UNITED STATES PATENT OFFICE.

ROBERT H. BOTTS, OF COLOMA, MISSOURI.

## CHURNING ATTACHMENT TO WASHING-MACHINES.

SPECIFICATION forming part of Letters Patent No. 237,952, dated February 22, 1881.

Application filed November 5, 1880. (No model.)

*To all whom it may concern:*

Be it known that I, ROBERT H. BOTTS, of Coloma, Carroll county, State of Missouri, have invented a new and useful Churning Attachment to Washing-Machines, of which the following is a clear, full, and exact description, reference being had to the accompanying drawings, making a part of this specification, in which—

10 Figure 1 is a perspective view of a washing-machine with the churning attachment. Fig. 2 is a cross-section of the same.

My invention relates to a churning device to be operated by the mechanism of a washing-machine, and is an improvement on a patent issued to me the 11th day of October, 1880; and it consists in the combination of devices hereinafter explained and claimed.

20 To enable others skilled in the art to make and use my invention, I will proceed to describe the exact manner in which I have carried it out.

In the drawings, A represents a washing-machine as shown and described in the patent already allowed to me, and B is the arm connecting the crank-shaft C with the rubber D, to give an oscillating motion to the rubber.

25 Above the washing-machine rise the two standards E, sustaining the cross-bar F, to which is secured the slotted arm G, extending

out and over the arms B, as shown in Fig. 2. To the side of the washing-machine are secured the brackets H, through which passes the rod I, carrying on its lower end an ordinary churn-dasher, while its upper end is attached by a 35 rod, J, to the arm G.

It is evident from this description that if the arm B be detached from the rubber of the washing machinery and be thrown up and secured to the arm G, as shown in Fig. 1, the motion given by the crank-shaft C will be transferred immediately from the rubber to the churn-dasher, so that by simply changing the attachment of the arm B the same mechanism operates either the washing-machine A or the 40 churn K, thus virtually securing two machines for about the cost of one.

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

50 In a churning attachment to a washing-machine, the standards E, cross-bar F, and slotted arm G, in combination with the arm B, crank-shaft C, brackets H, and rods I and J, all constructed to operate substantially as and 55 for the purpose set forth.

ROBT. H. BOTTS.

Witnesses:

JOHN BLANKENSHIP,  
DANIEL ACKERMAN.