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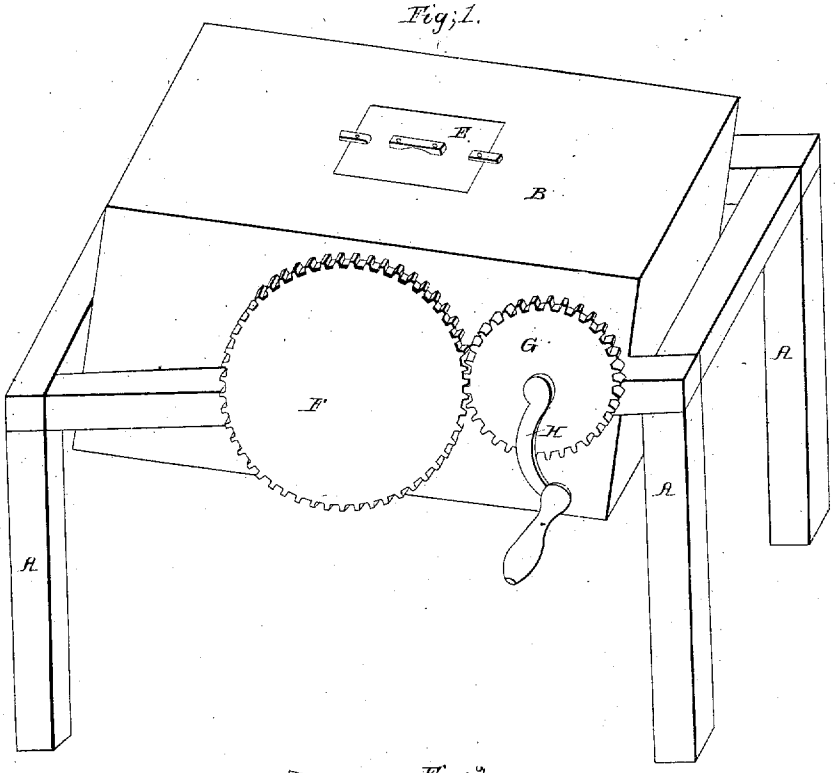
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J. Chase,

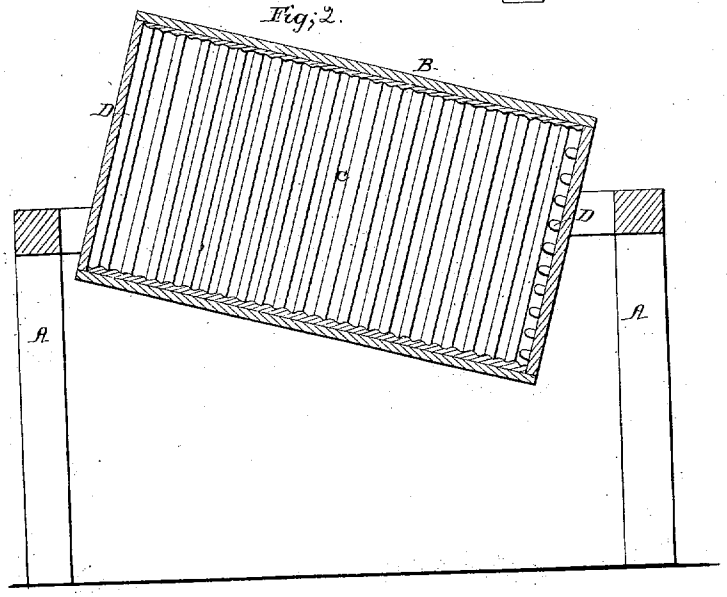
Washing Machine,

Patented June 23, 1834

Fig; 1.



Fig; 2.



H. PETERS, PHOTO-LITHOGRAPHER, WASHINGTON, D. C.

Jotham Chase of Waldborough Maine

Letters Patent.

The Schedule referred to in these Letters Patent and making part of the same Containing a description in the words of the said Jotham Chase himself of his improvement in the washing machine

To all to whom these Presents shall come

Be it known that I Jotham Chase of Waldborough in the County of York and State of Maine have invented a new and useful improvement in the Washing Machine and that the following is a full and exact description of the construction and operation of the said machine as invented or improved by me. viz. first by taking four pieces of Board one inch thick and forming a square Box three feet long eighteen wide, and fourteen inches deep halved together and well nailed. said Box to be lined on the inside with fluted board three fourths of an inch thick. united at the corners of the box the grain of the wood running cross ways with that of the outside. there is then fixed in two ends made of one inch boards halved in to fit. on the inside of these ends are then placed rails or cross bars in the following manner viz. by taking hard wood board long enough to reach across the box and halve into the same. three tenths of an inch thick, one and a half inch wide and the edges to be rounded off placed one and a half inch apart. at one end horizontally. and at the other and perpendicularly at the same distance from each other.

Two gudgeons are then affixed to the centre of the box one on each side. on one of which is attached a cog wheel of cast iron about one foot in diameter. another wheel with one half the number of cogs made to match into the former. is secured to the frame by a bolster. bolt and screw. an iron crank ten inches long with a wooden handle is attached to the small wheel to put the machine into operation.

A frame is then made by taking two pieces of hard wood. just each four feet long and three inches square and confining them one to the other at each end. nineteen inches apart on the inside each piece two inches square. the frame is then set on four legs two inches square and two feet long. The machine is then placed on the centre of the frame & turned by the crank as above described. The clothes to be washed are then put into the machine. with a suitable quantity of soap suds. at a door cut out of the centre of the top of the machine six inches square. halved on the inside & having a handle is then put into the machine brought up to its place and secured by button. The machine now fit in operation by turning the crank will change the clothes from one end of the box to the other. every revolution of the crank and the wheels

me so put together that when the handle of the crank is moved... the spindle the box will be in a perpendicular direction. By this method the clothes are kept warm being confined from the air, are constantly changed from one end to the other striking with sufficient force on the slats and rails, or cross bars to cleanse them thoroughly in less time and with much less labour than any other machine that I have examined. Coverlets, Quilts or woollen garments with buttons on them may be washed clean in a few minutes without sustaining any injury, and with equal facility of those of cotton or linen. I claim as my improvement the general form and operation of the machine with the rails or cross bars as above described, and the particular operation of the crank and cog wheels, will satisfied by actual experiments that it possesses many advantages over any other machine in operation, and that its simplicity and cheapness and peace of cleaning will make it a valuable improvement

Witnesses
Richard W Clarke
Robt. Clarke

William Chase

Drawing

660 words