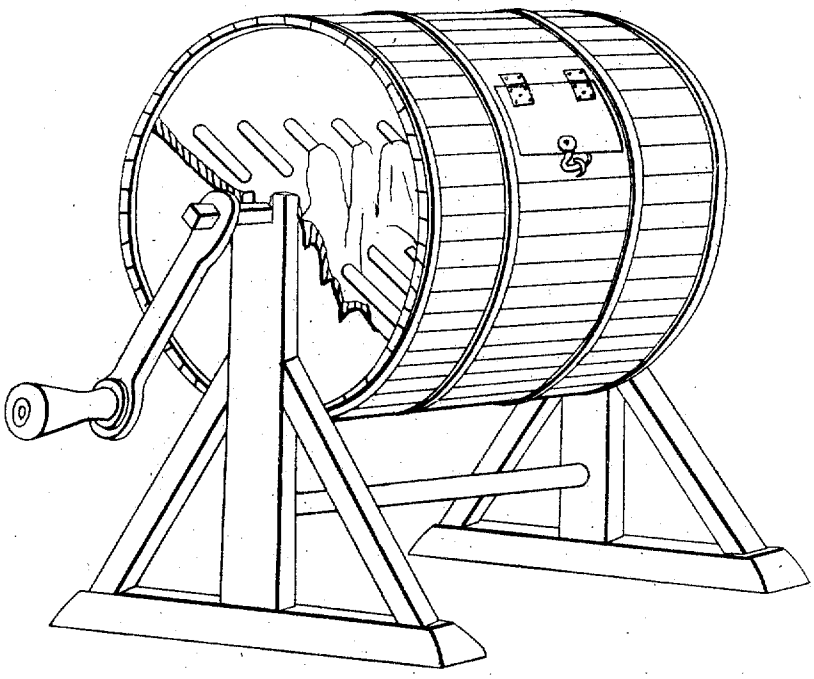
J. Barnes, No Printed Specification Available

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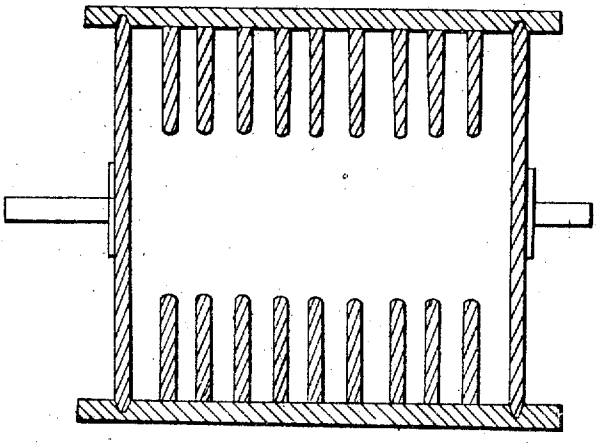
Washing Machine,

Patented Oct. 14, 1830.

Fig; 1.



Fig; 2.



X6189 Jul. 14. 1830 965

James Barnes

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 James Barnes himself of his improvement in washing denominated "The revolving Steam Machine for cleansing and cleansing all kinds of Clothes."

The said Machine consists of a cylinder 2 feet long and 1 foot in diameter, made of staves of any suitable kind of wood hooped securely with iron or other substantial material. An opening is made on one side of the cylinder of a size sufficient to admit the clothes and water freely. Said opening is to be covered closely by a dovetailed & exactly fitted so that the steam and water in the machine cannot escape. Three sides of the cylinder at equal distances are inserted two or more rows of wooden pins turned smooth of the diameter of one inch extending long the ends of the machine and projecting inwardly about 6 inches from the inner surface of the same. The use of said pins is to raise the clothes in every revolution of the machine nearly to the top when they slide off into the water and allow the steam to pass through them. The said Cylinder is suspended upon a frame or otherwise by gudgeons attached to the centre of the heads. to one of them may be affixed a crank by means of which the machine may be operated by turning moderately. It may be so geared that two or more revolutions of the crank will cause one of the machine which will thereby diminish much of the labour in washing. The clothes to be washed should be put into the machine the first time with warm water sufficient to cover them and as much soap as shall be found useful, and the machine in ordinary cases should be operated about three minutes. when they may be wrung out and pass through a second operation in hot water which I believe in general will be found to be superior the necessity of boiling. They may then be rinsed either in the machine or in a tub in the ordinary way. The said machine may be varied in size and shape to suit circumstances. May be made square oblong or round. Steam may be generated by coiling & suspended from any fixed object or by a round or square bolt being placed upon rockers and with weights to regulate the motion. The work may be effectually done by the united force of steam and water applied in any of these ways. The most convenient however and effectual in my opinion is to produce the desired result is the cylinder above described. And I declare that the foregoing is a true Specification of the improvement for which I claim Patent. I have hereunto set my hand and seal this 12th day of August in the Year of our Lord One Thousand Eight Hundred and thirty.

Witnesses { Thomas Dyer
Dinah Smith

James Barnes.

Enrolled 4th Feb.

Drawing