9076X

J. Lombard,

Washing Machine,

Patented Sep. 9, 1835.

Fig. 3

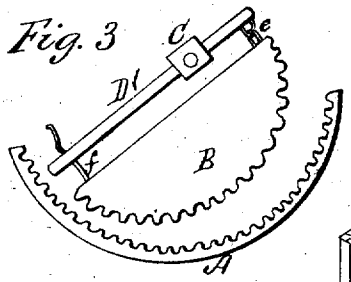


Fig. 2

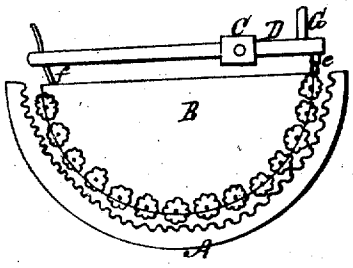
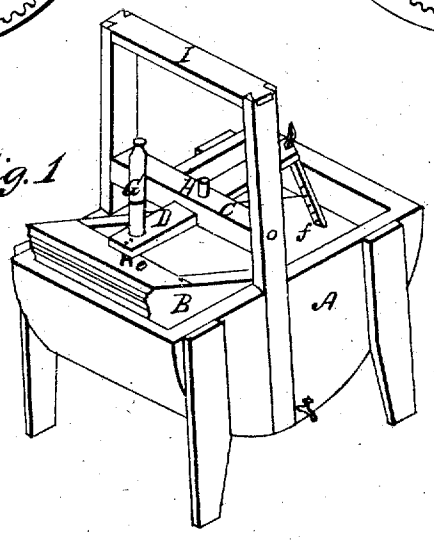


Fig. 1



Sept 9. 1835 J.

James Lombard of Readfield State of 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 James Lombard himself of his improvement in a Machine for washing

To all to whom these presents shall come,

Be it known that I James Lombard of Readfield in the County of Kennebec & State of Maine (Physician have invented a new and useful improvement in the machine for Washing and that the following is a full and exact description of the construction and operation of said Machine as invented or improved by me Reference being had to the accompanying plate. Fig 1, Is a representation of the machine as in action, A, is a tub or cistern upon legs, made of any required size the bottom of this cistern is circular and inside it is covered with a fluted flooring This cistern may be covered with a lid if necessary, B, Is an interior cistern or semicylinder suspended within the outer cistern A. having its circumference covered with fluted boards or with fluted rollers as hereafter described This interior cistern constitutes the rubber and is made with two side pieces over which is bent a board fluted, atop the top are put strips of boards to strengthen it, This makes it hollow and renders it convenient to put dirty or other clothes while not undergoing washing or weights may be put in to give power or momentum to it, This rubber (B.) is suspended to a piece of scantling or wooden rod or board D. by a hinge or swivel bill at C, and by a strap chain or string at E. This passes up thro the end of D. and can be lengthened or shortened at pleasure accordingly as you wish the rubber to press harder

or less against the bottom of A, the piece D. passes thro a cross piece C. which is placed in the frame work F. by gudgeons at each end and the piece D, can be pushed backward and forward, thro it and confined in it's place by a pin H. This enables you to suspend the inner cistern or rubber B. more or less from the centre and modify its pressure and action upon the clothes. On one end of D, is fastened an upright rod G. for the purpose of taking hold when operating the machine or a crank may be attached to one of the gudgeons of C, Fig. 2, Is a section of the machine having fluted rollers in the rubber, A is the cistern, B, the rubber, D the rod to which it is attached E, the hinge of the strap. C, the cross piece, thro which D. passes G the handle or lever, Fig 3. Is also a section having the Rubber canted up, in order to show its action,

Operation, nothing more is necessary after putting in the requisite quantity of water and Clothes, than to apply the hand to the handle, or lever G, & pushes it back and forth,

Claims, I claim the general arrangement of the parts constituting the machine as above described and more particularly. 1. My form and application of the rubber or Interior cylinder as above described, 2, my mode of suspending and operating my rubber, as above described being made either with a fluted flange or with fluted rollers. 3 & The application & use of the strap or chain at the end of the rubber, E, whereby the pressure is regulated & also the rubber allowed to yield or be liberated when clogged or there is too much pressure;

In testimony that the above is a true specification of my said improvement as above described I have hereunto set my signature this 22d day of July A.D. 1835

Witness

Ezekiel Holmes

Saml. B. Benson

James Lombard

708 1/2 D.

Drawing