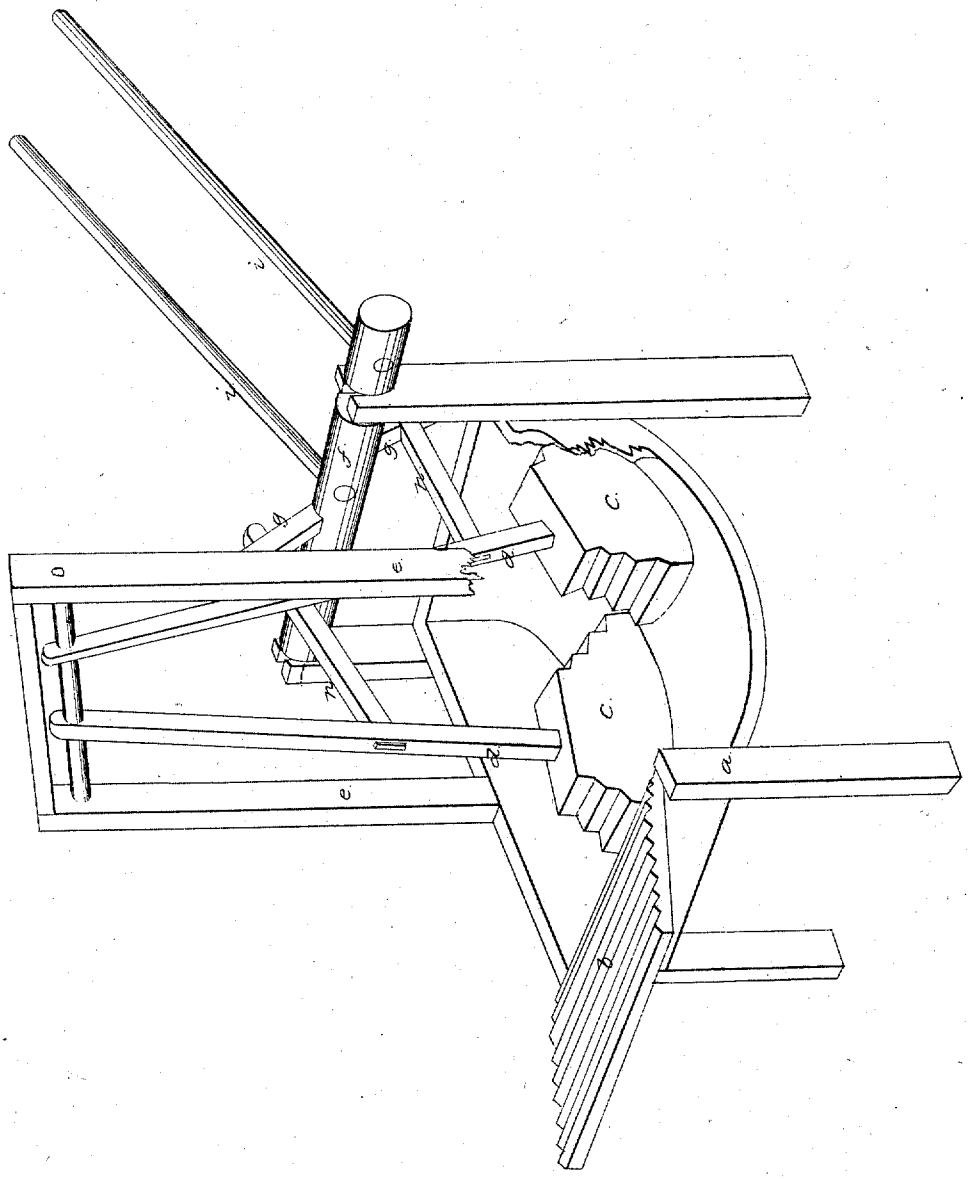
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O. H. Brooks,

Washing Machine,

Patented Mar. 11, 1833



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

3/11/1833 7476X

Mar. 11, 1833

Oliver H. Brooks' Washing Machine &c
Letters Patent

The Schedule referred to in these Letters Patent and making part of the same containing a description of the manner of the said Oliver H. Brooks himself of his improvement in the Washing Machine & Churn

To all to whom these Presents shall come

Be it known that I Oliver H. Brooks of Bethel in the County of Windsor and State of Vermont have invented a new & useful improvement in a Washing Machine used for washing clothes (and other family articles) & a like Machine used for churning cream into butter. & that the following is a full & exact description of the construction & operation of the said Machine called the family washer as invented or improved by me, that is to say. First a strong box or chest or body of boards standing on legs measuring about twenty inches long & wants & a half inches wide inside near the bottom & about eighteen inches high the upper part of one end standing perpendicular and rounded outwards for a couple of inches, the bottom hollowed out between the ends in a curve nearly a circle of about five feet. Secondly two double headed hammers or blocks of wood about eighteen inches long two inches wide & eighteen inches thick notched at both ends much like the hammers in a common fulling mill, into each hammer is fastened a handle about five feet long, these handles are & a half inch thick by which hammers the said hammers are hung in said chest about one fourth each from the bottom by means of a large pin passing thro' the hammers & the posts fastened on upon the centre of the two sides of the chest & thro' the upper ends of the handles. Thirdly a shaft about twenty inches long & three inches in diameter placed horizontally across & about two inches above the top of the chest, that is from end to end, & is supported on it's bearings by two posts fastened to the chest, one end of the shaft coming out about four inches further than the side of the chest & into each end is firmly fastened two arms about seven inches long & two & a half inches square one against the upper side & the other upon the opposite. Fourthly two wooden shoes about two feet long each & a half inch wide & two & half inch

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thick, extending from the arms to the hammer handles passing thro' long mortises near the ends of the arms & like mortises in the hammer handles horizontal with the shaft, & pins put thro' the arms & reaches two & a half inches from the centre of the shaft. & pins thro' the hammer handles & reaches horizontal.... with the centre of said shaft in such a manner that the reaches may have a play in the mortises so far as to let the hammers swing or vibrate from one end of the chest to the other, & at such distances that while one hammer hits at one end the other hammer shall hit at the other and being moved either way

Fifthly Two round levers about two & a half feet long & one & a fourth inch in diameter, one end of each firmly fastened into each side of the shaft nearly horizontal, the one near the centre & the other near the permanent end.

The Machine being made principally of wood & put together with nails & screws. The manner of putting the Machine in motion is by applying power by hand or otherwise to the two levers & causing them to vibrate up & down. at the same time it causes the hammers to vibrate in the chest. The manner of using the machine for washing is to put clothes or other articles into each end of the chest & warm water or suds, & by putting the machine in motion it will cause the clothes to be beat, squeezed, rolled over, & washed very fast, & the manner of using the machine for churning cream into butter, is to use a machine of some less dimensions with a cover, by putting the cream into the chest & setting the machine in motion. That part of the above described machine which I claim as the inventor or discoverer are applying the two double-headed hammers, to the use of family washing & churning cream into butter, & the manner of putting them in motion by means of the shaft, arms, reaches & levers, as above described & reference to a drawing heretofore deposited in the Patent Office

Oliver McCrory

Witnesses
John M. Kimball
Benj. Boggs

(SS Sh. 1 & 2)