649X

Folsom & Hayden,

Washing-Machine,

Patented Dec. 17, 1805.

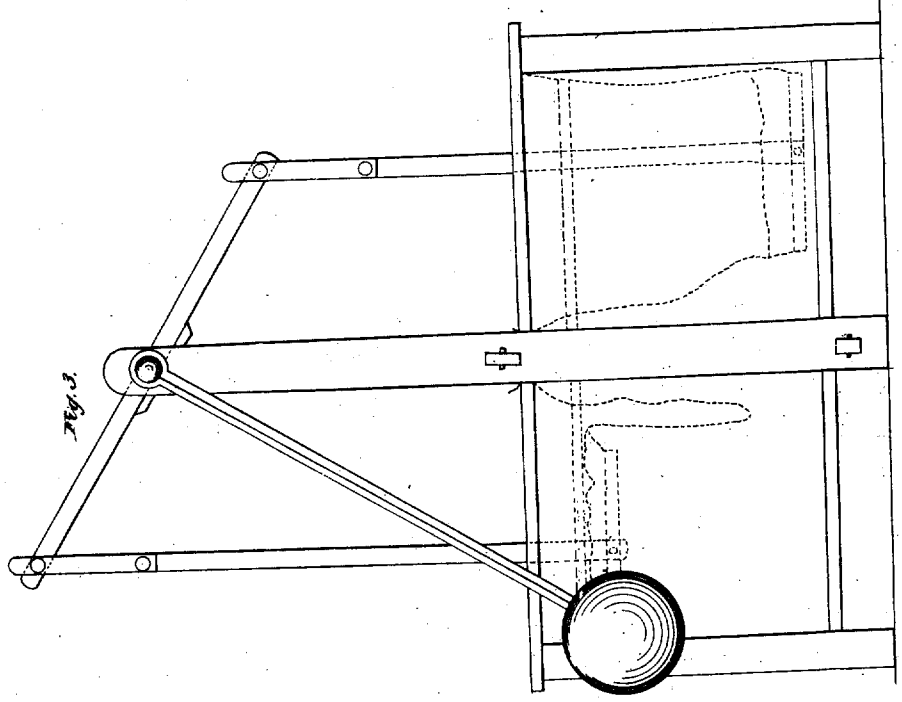


Fig. 3.

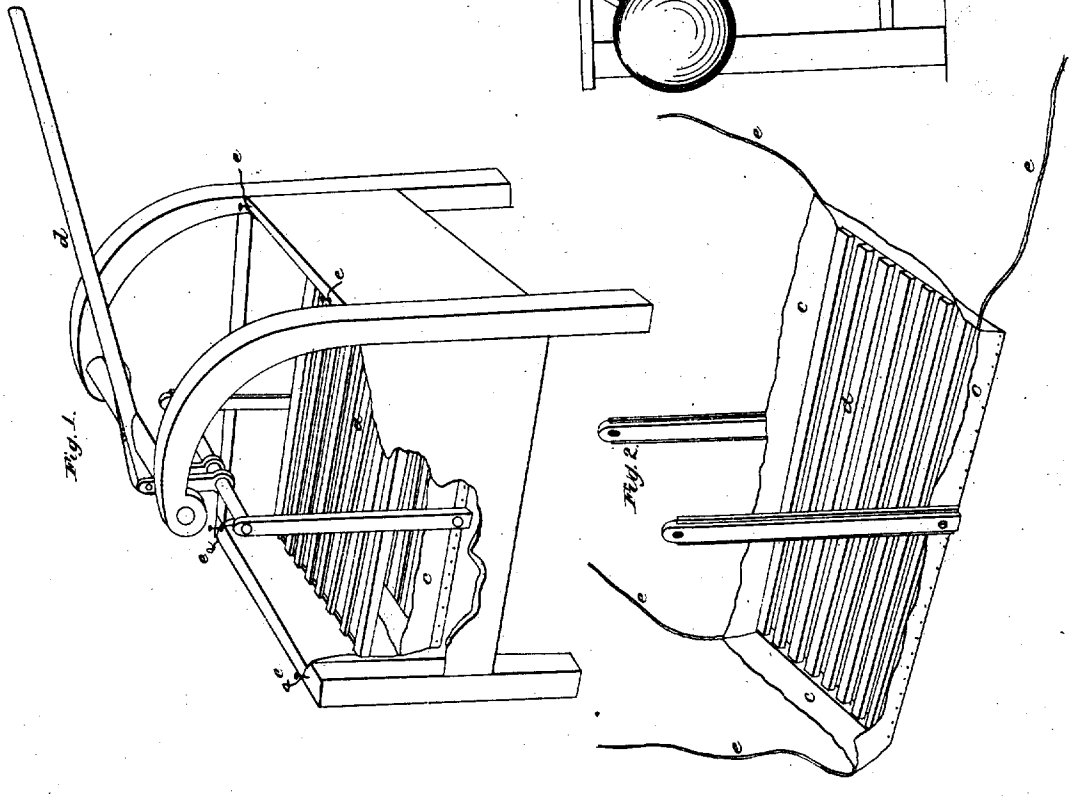


Fig. 1.

Fig. 2.

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649X

William Johnson Folsom and John Hayden

Dec 17, 1805

Letters Patent

Dated Dec. 17. 1805.

The Schedule referred to in these Letters Patent and making part of the same containing a description in the words of the said William Johnson Folsom and John Hayden of their machine for washing cleaning and mangling clothes.

2 sheets

This Machine consists of two horizontal grates one thereof moveable the upper one Box or Tub the bason and frame. The moveable grate is carried up and downby a lever fulcrum which is placed on a post fastened to the side of the Tub about four feet in height from the floor and bending over the Tub within eight inches of the centre of the Tub. This grate has a post fastened to the two opposite sides of it which move in grooves made in the Tub. They are connected at top by a cross bar. From the middle of this Bar goes a joint into the end of the Lever and is there fastened by a bolt. To this grate a strip of course cloth eight inches wide is fastened around near the edges and held up by strings tied outside of the Tub. This prevents the clothes to be washed (which are laid promiscuously within this Box on this grate) from coming to any harm. The upper grate is made to go in very loosely and is placed so as to give the lower one room to play up and down from five to eight inches according to the quantity of Cloaths put in. This grate has short posts on its sides and is fastened to the Tub by bolts.

These grates are made of cross pieces of wood about an inch apart. The Box or Tub is made two feet in diameter, or less for small families proportioned in height to width to make it a convenient washing Tub with a lap in the side and standing on legs projecting to make it steady. and if shall not require a cover to lay on.

Upon the same principle two pair of Grates may be made to work in a Box separated by a partition. and moved by a pendulum. N.B. Great care must be taken to make the Box or Tub true inside. and of wood that will not shrink and swell as little as possible. Also the moveable grate which may sometimes require Oak or Cedar around the edge to make it true spherically if made circular.

Ford 1196

462 words