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Lister

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(54) **WASHING MACHINE**

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Ebenezer Lester

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The Schedule referred to in these Letters Patent and making part of the same containing a description in the words of the said Ebenezer Lester himself of his Washing Machine

Take two pieces of board say 3 feet long and 18 inches wide; plane them perfectly smooth, then joint both edges straight, then with a saw say 4 feet long saw the under edge of each side piece beginning 9 inches from the end of each which is to leave the bottom about 18 in. flat. Then take a number of pieces of boards for the bottom, plane them smooth and groove them together, pinning each joint; then take a thin oil cloth and secure on the lower edge of the two side pieces and then nail the bottom on, then take two pieces, say 18 in. wide & 18 in. long, or as long as the machine is wide for the end pieces, make them perfectly smooth and nail them on so that they may be perfectly tight, and the object which holds the water is complete. It is to be observed that the ends are to be sawed from 2 to ten inches, and that a piece of board of six or eight inches in width is to be securely fixed on the top of the machine and joins with the ends. Then take two pieces of two inch plank 3 ft. long, and two of 20 in. long and six wide, plane & joint them smooth and frame them together for the Washmachine to be secured on. Or take two pieces of plank 22 in. long and five wide, saw a piece out of one edge of each leaving 1½ inch at each end of each to receive the machine. Then with a piece of board dove tail these together about 2 ft from each other, then take 4 pieces of plank say 4 feet long & 3 inches wide, plane and joint them smooth & true; then in the upper end of each mortice a hole of 1½ inch square, then bore four or five holes in the lower end of each piece say 3 inches apart above this cut a gain to receive a piece of plank with a dovetail. Then take four or five Rolls of suitable length say 14 inches long, and from 1½ to 2 inches diameter

put these into the lower part below the door sill planks, then take two pieces of joist say twenty inches long, plane and joint them true, then at the end of each make a square to receive the squares in the upper end of the swinging frame; without this turn a pivot one inch and a quarter long, and one inch in diameter, or the swinging frame may be made with jaws and hung with a hinge with a spring between the standing parts and the jaws. Then take two pieces of boards say 10 inches wide, and four feet and an half long, nail this on the outside of the machine and in the center; then take another piece of the same width say 2 ft. long. Set one end of this on the upper edge of the machine as a lining to the standard which is nailed on the outside. Then take a piece say 20 in. long and 6 in. wide, and on one edge of this saw a square sufficient to receive the pivot in the large upper rolls. Selling these rolls from 18 to 24 inches apart; nail this to the first board and resting one edge on the lining. This standard may be made of plank by being halved the depth of the washing machine and at the upper end to receive the piece which supports the swinging frame. Then take two pieces of plank or timber say 3 ft long and reduce them suitable for handles. Screw these to the upper large rolls on which the swinging frames fastened. Then take a small pole and secure it in the frame on which the machine is moved, to this fasten a line and the other end of the line to one handle, on a weight of six pounds will answer the same purpose as putting a spring on the lower end of one of the swinging frames so that it will work by pressing against the piece on the top of the machine will be equally good, as they will save one hand in the washing. It is contemplated that a washing machine on this principle will be of utility. The purchase being in the upper rolls and worked by a handle of suitable length, it works very easy indeed, the clothes being between the two swinging frames, and on the centre of the vessel they cannot receive any injury, for the one first yielding to the other becomes a squeeze and a roll while one set of rolls turn upwards & the other downwards. The above are given merely for example, the machine may be made and the parts may be varied as will be convenient

Witness { William Morgan } Ebenezer Lisler (Seal)