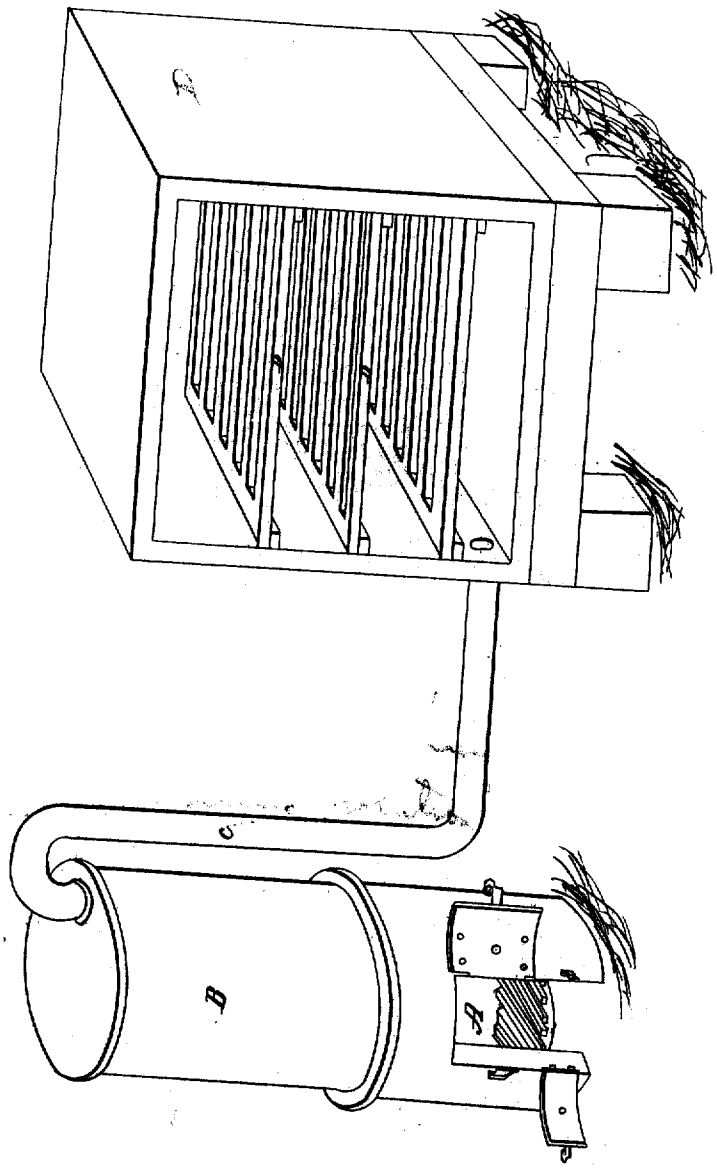
TEXTILES, FLUID
TREATING APPARATUS.

J. Truman,

1,792 X. Washing Machine,

Patented Aug. 21, 1812.



James Freeman

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 Freeman himself of his steam Washer,

This invention consists in the application of steam for the purpose of washing and cleaning cloths in the manner herein after mentioned.

The furnace is a cylinder of cast or sheet iron other metal of any required diameter with a grate at or near the bottom a boiler of any metal of any diameter to correspond with the cylinder and of sufficient capacity to contain the requisite quantity of water. The boiler has a cover steam tight, communicating with the top or breast of the boiler is a pipe to convey the steam to the box or vessel hereinafter described, — — — a box or vessel of wood of suitable size to contain the quantity of cloths required to be washed with a tight cover to the box or vessel or moveable racks at equal distances from each other, the lowest to be one third nearer the bottom than the racks to divide down from the top or ends to keep them apart, The linnen or cotton cloths to be saturated in an alkaline solution made of equal quantities of pearl ash and hard soap dissolved in water, the cloths thus saturated to be squeezed or wrung gently out and laid on the racks, beginning at the bottom until the box or vessel is filled, the steam pipe attached to the boiler to be inserted in the side or end of the box or vessel near the bottom so as to communicate the steam. at the bottom of the box or vessel is an aperture for the discharge of the dirty suds.

The steam generated in the boiler is communicated through the pipe to the bottom of the box or vessel and mounting through the cloths wetted by the alkaline solution disengages the dirt from the cloths a part of which comes off in the suds and the rest may be rinsed off after. Steam thus applied the steam made as above, put the boiler which generates the steam, the pipe which conveys the steam from the boiler to the box or vessel and the box lids or other vessels which

