7016X

B. P. Coston,

Washing Machine.

Patented Apr. 27, 1832.

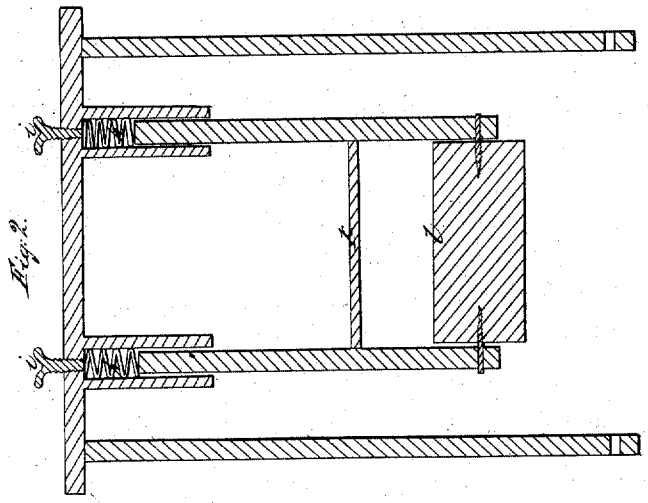


Fig. 2.

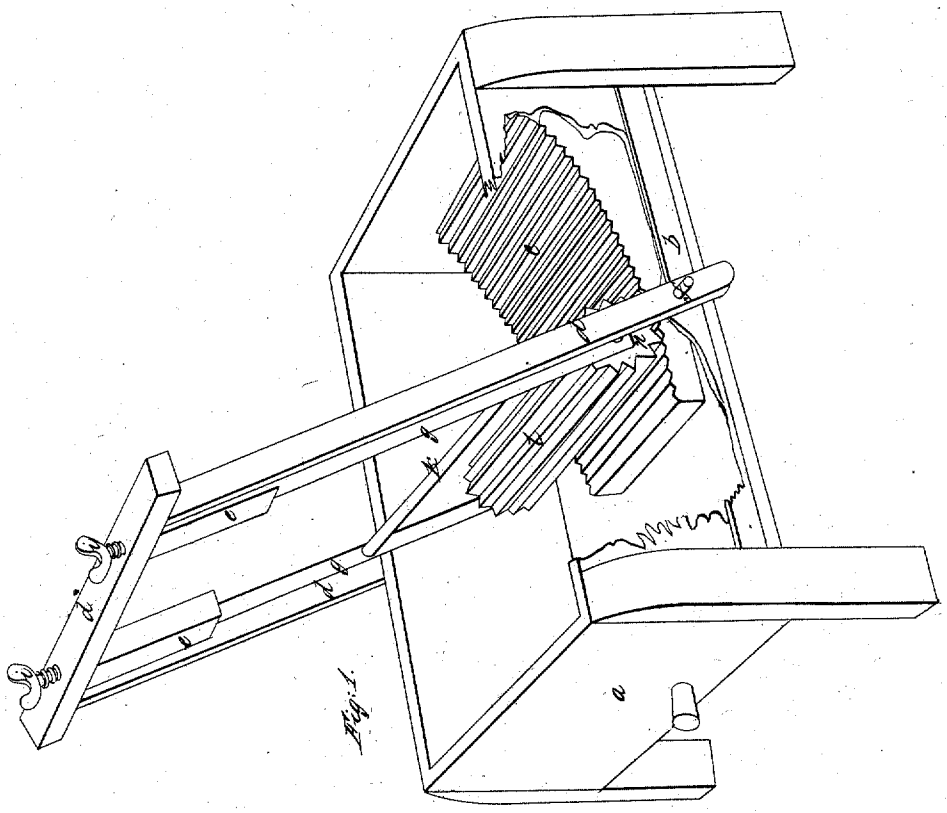


Fig. 1.

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7016X.

Apl 27, 1832

Benlow & Coston of the City of Philadelphia Pennsylvania

The Schedule referred to in these Letters Patent and making part of the same, containing a Description in the words of the said Benlow & Coston himself of his Improvement in the Machine for Washing Clothes

Be it Known that I Benlow & Coston of the City & County of Philadelphia, and State of Pennsylvania, have made an improvement in the Machine for Washing Clothes, which is described as follows, Make a box of any convenient size & dimensions, water tight, and placed on four legs, of a convenient height, this box is to contain the water, clothes, fluted washboard, and fluted roller. Two bars are placed one on each side of the machine near the bottom. The fluted wash board, is about two thirds of the length and one half the width of the length, made of hard wood of a curved inclined shape, the ribs or flutes, are about 5 eighths of an inch wide. A swinging frame with a cylindrical ribbed or fluted roller, is made to work on the ribbed or fluted washboard. The frame consists of two arms about 3 feet long, extending over the sides of the machine leaving a top rail equal to the whole width of the machine. The hanging arms about 12 inches long, are suspended from this head or top rail, containing the fluted cylinder & springs, to be next described. The swinging frame turns on pins or screws fixed in the lower bars before mentioned. The fluted roller is made of a length equal to the width of the wash board. A coiled spiral or other spring is placed over the ends which are fixed in cylindrical openings through each of the hanging arms; and the fluted roller turns on pins playing through eyes in the lower ends of these arms. A screw is placed over the springs in the head of the frame for regulating the pressure on them. Slots are left in the hanging arms at top & bottom for allowing the springs to act, and the fluted roller to rise and fall. The hanging arms are united together by a round

Brass

crofs bar which serves as a handle. A loose cover is put over the whole box. ..... Operation .....
The water, clothes, and soap, being put into the box, the cloths after being soaped & rubbed, are put upon the ribbed or fluted board. the swinging frame with the ribbed or fluted roller is brought upon the wash board. this pushes the water forward and forces it through the clothes, thus washing or extracting the dirt out of them.....
When the clothes are washed the water is drawn off by a plug at the bottom of the box. This machine may be used for washing wool. Straw, and bristles, or any other soft pliable substance.

The invention here claimed & desired to be secured by Letters Patent, is the before described machine for washing cloths, wool. Straw, bristles or any other soft pliable substance requiring care, particularly the manner of suspending the fluted roller & regulating the same by the rods in the hanging arms, spiral spring and regulating screw, so as to give any degree of pressure on the substance to be washed which may be required. For a further illustration of my invention I refer to the model and drawing of the same deposited in the Patent Office.

In testimony whereof I have hereunto subscribed my name at the City of Washington this 16th day of April 1832.

Witnesses
Walter Elliot
Saml K. Walker

Newton Cannon

Exd.
Wk.

(Patented the 27th Apl 1832)