

J. B. Coffin,
Washing Machine,
Nº 3,422, Patented Feb. 2, 1844.

Fig. 1.

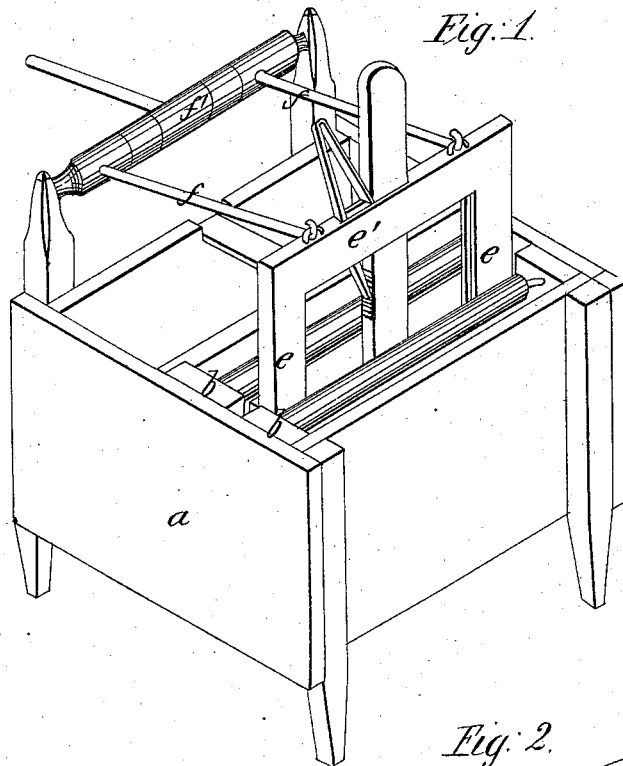
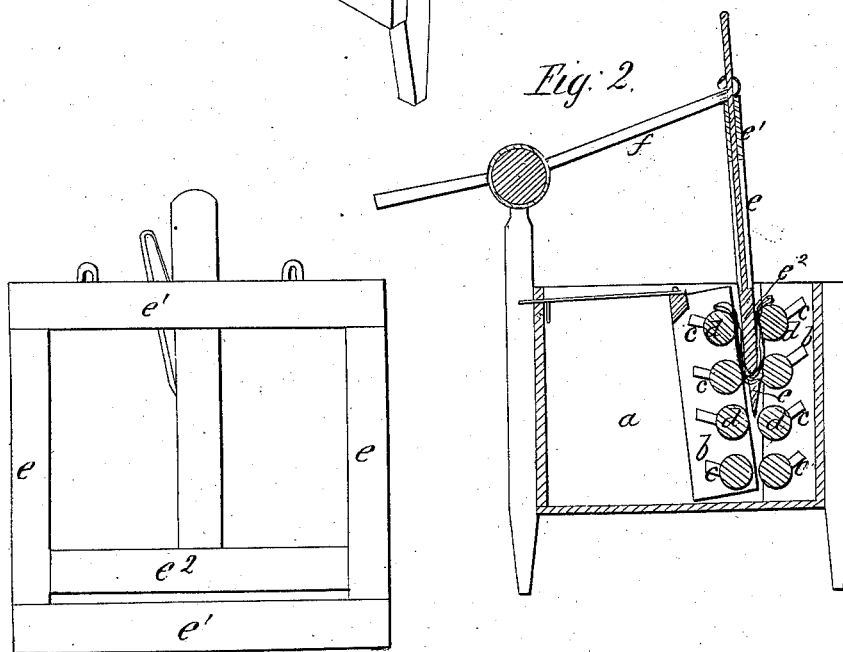


Fig. 2.



UNITED STATES PATENT OFFICE.

JAMES B. COFFIN, OF BIG PRAIRIE, OHIO.

WASHING-MACHINE.

Specification of Letters Patent No. 3,422, dated February 2, 1844.

To all whom it may concern:

Be it known that I, JAMES B. COFFIN, of Big Prairie, in the county of Wayne and State of Ohio, have invented a new and useful Improvement in Washing-Machines; and I do hereby declare that the following is a full, clear, and exact description thereof, reference being had to the accompanying drawing, which forms a part of this specification, in which—

Figure 1, is an isometrical view, Fig. 2, vertical section, Fig. 3, clothes frame detached.

The nature of my invention consists in placing two series of rollers contiguous to and parallel with each other, the gudgeons of each series being placed in inclined slots so as to allow the rollers an inclination toward those of the opposite series, the clothes, &c., pass down between the rollers and are thereby washed.

The construction of my machine is as follows: In a suitable reservoir (*a*) of any convenient construction are placed four upright pieces (*b*) placed parallel to each other, two on each side of the machine, in which one above another are parallel slots (*c*), cut at an angle of about 30° more or

less, the slots in one upright inclining down toward those in the other. In these slots are placed the bearings or gudgeons of the roller (*d*). Over these a frame (*e*) is suspended on the end of levers (*f*) projecting forward from a horizontal axle (*f'*) so that it can be moved up and down between the two sets of rollers. This frame is composed of two side pieces connected at the top and bottom with cross pieces (*e'*); between the sides there is a movable bar (*e²*) that slides up and down in grooves made therein between which and the lower cross piece the clothes are confined. When the clothes are put into the frame (*e*) and the water in the reservoir the frame is worked up and down between the rollers which press against them till they are cleansed.

What I claim as my invention and desire to secure by Letters Patent is—

The series of rollers placed in oblique grooves with the vibrating frame constructed and arranged substantially as herein described.

J. B. COFFIN.

Witnesses:

SAM H. HAND,
D. KAUFMAN.