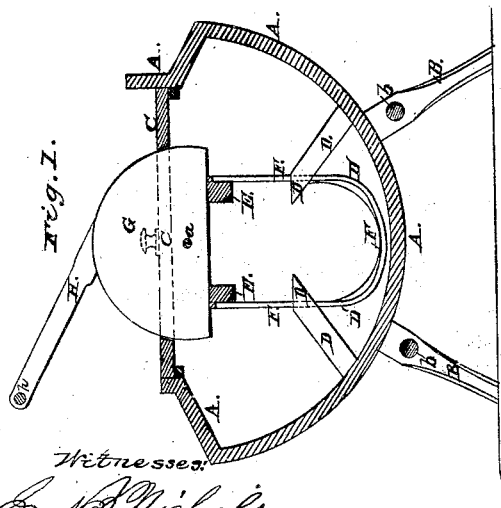
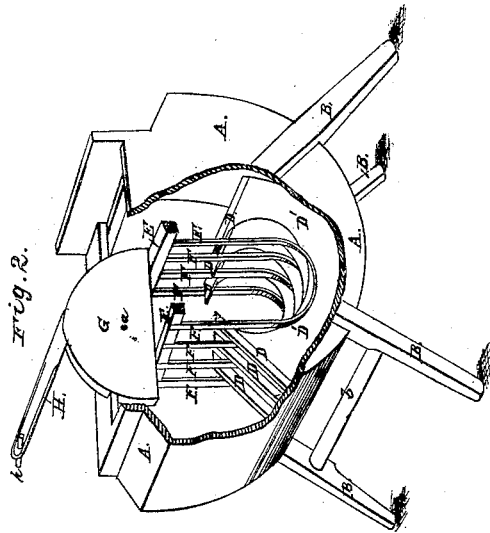


R. P. Burlingame,

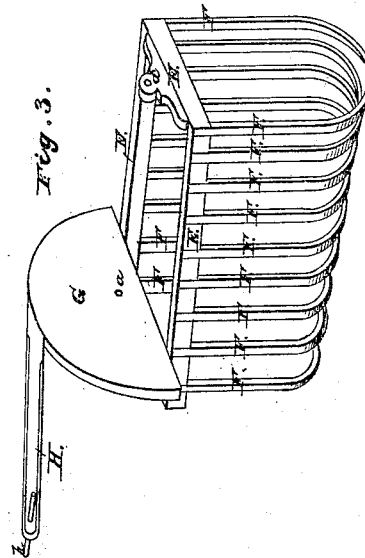
Washing Machine,

Nº 51,015.

Patented Nov. 21, 1865.



Witnesses:
Geo. B. Nichols.
A. J. Snow.



Inventor.
Rufus P. Burlingame.
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UNITED STATES PATENT OFFICE.

RUFUS P. BURLINGAME, OF ROCHELLE, ILLINOIS, ASSIGNOR TO HELEN G. BURLINGAME, HIS WIFE.

WASHING-MACHINE.

Specification forming part of Letters Patent No. 51,015, dated November 21, 1865.

To all whom it may concern:

Beit known that I, RUFUS P. BURLINGAME, of Rochelle, in the county of Ogle and State of Illinois, 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 of the same, reference being had to the accompanying drawings, and the letters and figures marked thereon, which form part of this specification.

The nature of my said invention consists in the arrangement within the box of a washing-machine of an oscillating cradle or inclosure for containing the clothes, said cradle being constructed of parallel curved bars having vertical spaces between, so as to admit the water contained in the machine; and also in the arrangement and combination, with said oscillating cradle, of a series of curved stationary bars attached to the box of the machine, passing through the slots or spaces in the aforesaid cradle when in motion, and compressing and cleansing the clothes therein, as hereinafter more fully described.

To enable those skilled in the art to understand how to construct and use my invention, I will proceed to describe the same with particularity, making reference in so doing to the aforesaid drawings, in which—

Figure 1 represents a transverse sectional view of my invention; Fig. 2, a perspective view of the same, part of the exterior being removed; and Fig. 3 a view in perspective of the aforesaid cradle detached.

Similar letters of reference in the different figures denote the same parts of my invention.

A represents the exterior box or casing of the machine, being supported, as shown, upon the legs or standards, B.

C represents the removable top or cover, which fits closely to the box A, as shown, so as to confine the steam and heat while the washing is being performed.

D D' represent a series of vertical partitions attached or secured in position, having intervening spaces between, and constructed substantially in the manner shown, the upper portions thereof projecting over toward the center, so as to form a bearing, against which the clothes are pressed, as hereinafter specified.

E represents a rectangular frame, to one end

of which the semicircular board G is attached, as shown, said frame being suspended at each end upon the pivot-bearings *a c*. To the said rectangular frame E are attached, as shown, a series of curved strips or bars placed near enough together to prevent the clothes from falling through the spaces between, said bars being marked F in the drawings. These strips F extend down nearly to the bottom of the box, lying alternately with and between the aforesaid partitions D D'. Instead of being curved at the bottom said bars F may be of rectangular form, or they may be curved in the form of semi-hoops, if preferred. Thus it will be seen the frame E and strips F form a cradle or receptacle, wherein the clothes to be washed may be placed, and by an oscillating motion upon the bearings *a c* of said cradle F, which may be given by means of the handle H, attached to G, as shown, a thorough agitation and cleansing of the clothes is effected.

The object of the semicircular plate G is to keep the slot through which the handle works in the top closed at all times, and thus keep all the steam and heat from the hot water confined in the machine, which greatly facilitates the operation of washing.

It will be observed that, from the construction of the partitions D, when the cradle is oscillated to either side the clothes in the cradle F are pressed against the said projections D, and are clasped between the stationary bars D and the adjustable or oscillating bars E, and are thus thoroughly and speedily cleansed. Without the partitions D, however, the washing is readily and thoroughly accomplished, although a little longer time may be required.

Having described the construction and operation of my invention, I will specify what I claim and desire to secure by Letters Patent:

1. The arrangement of the oscillating slotted box F with the outer box, A, substantially as and for the purposes specified.

2. In combination with the oscillating slotted box F, the arrangement of the partitions D, constructed and operating substantially as herein set forth and shown.

RUFUS P. BURLINGAME.

Witnesses:

H. O. ROGERS,
GEO. H. PARKS.