

W. LYNCH.
Washing-Machine.

No. 207,971.

Patented Sept. 10, 1878.

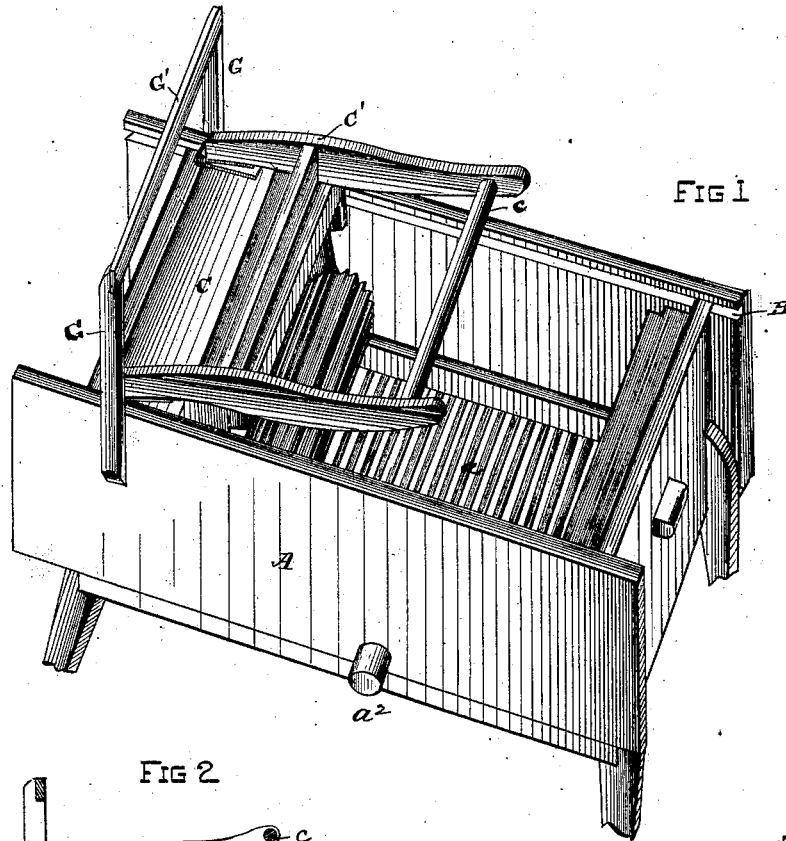


FIG 1

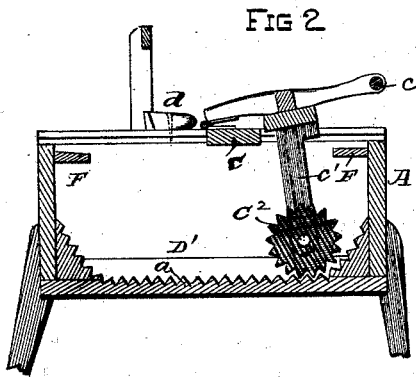


FIG 2

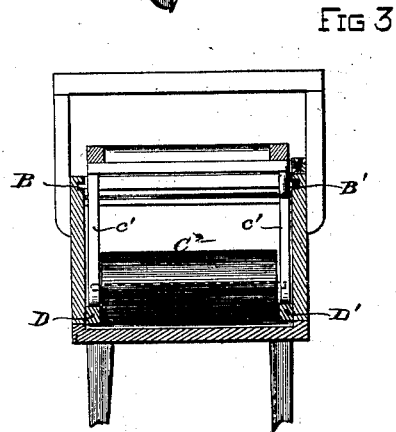


FIG 3

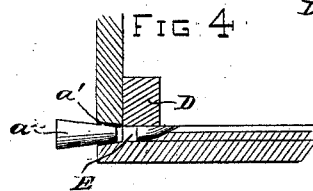


FIG 4

WITNESSES
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UNITED STATES PATENT OFFICE.

WEBSTER LYNCH, OF UNION MILLS, INDIANA.

IMPROVEMENT IN WASHING-MACHINES.

Specification forming part of Letters Patent No. 207,971, dated September 10, 1878; application filed June 24, 1878.

To all whom it may concern:

Be it known that I, WEBSTER LYNCH, of Union Mills, in the county of La Porte and State of Indiana, have made certain Improvements in Washing-Machines; and I do hereby declare that the following is a full, clear, and exact description thereof, which will enable others skilled in the art to which it appertains to make and use the same, reference being had to the accompanying drawing, and to the letters of reference marked thereon, which form a part of this specification, and in which—

Figure 1 is a perspective view of my improved washing-machine. Fig. 2 is a longitudinal vertical section. Fig. 3 is a vertical cross-section; and Fig. 4 is a detail view, showing the water channel or groove.

Corresponding parts in the several figures are denoted by similar letters of reference.

My invention appertains to improvements in washing-machines; and it consists in the combination and arrangement of parts, substantially as hereinafter more fully described and claimed.

In the annexed drawing, A refers to a suitable receptacle for receiving articles of clothing to be washed, mounted upon legs and having a ribbed or serrated bottom, *a*. Cut or formed in the upper portions of the sides of the receptacle A are grooves B B, in which slides the bar C. Hinged to the bar C is a frame-work, C¹, provided with a handle, *c*, and downwardly-projecting pieces *c'* *c'*, in the lower ends of which is journaled the serrated roller C². Secured to the sides in the bottom of the receptacle A are two pieces or ways, D D', upon which rest or slide the ends of the roller-carrying pieces *c'* *c'*, to prevent injury to the clothes by too great a pressure of the roller on the serrated bottom. Beneath the piece D of the receptacle A is a groove or water-channel, E, which allows the water to run from the serrated bottom into said channel, and from thence through the outlet *a'*, made in the side of the

receptacle A. This outlet is provided with a bung or stopple, *a*², to prevent the water leaving the receptacle prematurely. On the top of one of the sides, near one end, is a button, *d*, which, when desired, holds the roller from off the clothes, to allow the latter to be taken from the receptacle. Attached to the upper parts of the end pieces of the receptacle A are inwardly-projecting pieces F F, to prevent the splashing of the water out of the said receptacle when the machine is in use. Uprights G G, having a cross-piece, G', are attached to the receptacle near one end, to serve as a rest or support to be taken hold of by the operator with one hand, while with the other he manipulates the roller-carrying frame. A clothes-wringer may be secured to the cross-piece G'.

It will be seen that when the washer is in use the bar C will slide in the grooves B B', carrying the roller C² back and forth over the articles of clothing in the receptacle, and when but little clothing is in the receptacle the ends of the roller-carrying pieces *c'* *c'*, sliding on the ways D D', will prevent injury to the clothes by too great a pressure of the roller on the serrated bottom.

The grooves B B' are cut the entire length of the sides of the receptacle, in order that the bar having the hinged frame-work may be removed entirely from the said receptacle.

What I claim is—

The combination, with the receptacle A, having a serrated bottom of less width than said receptacle, of the ways D D' for the roller-carrying arms, and forming a water passage or channel, E, substantially as and for the purpose set forth.

In testimony that I claim the foregoing as my own I hereunto affix my signature in the presence of two witnesses.

WEBSTER LYNCH.

Witnesses:

E. V. ARNOLD,
POPE C. WEED.