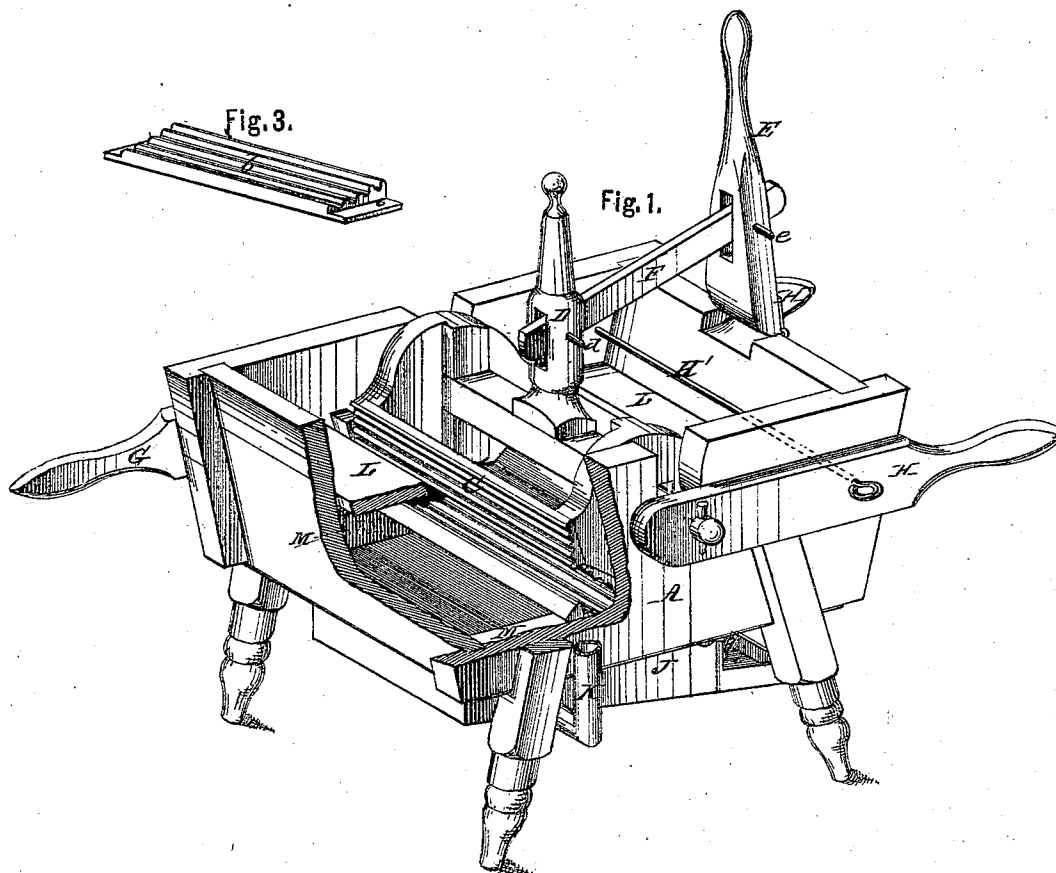
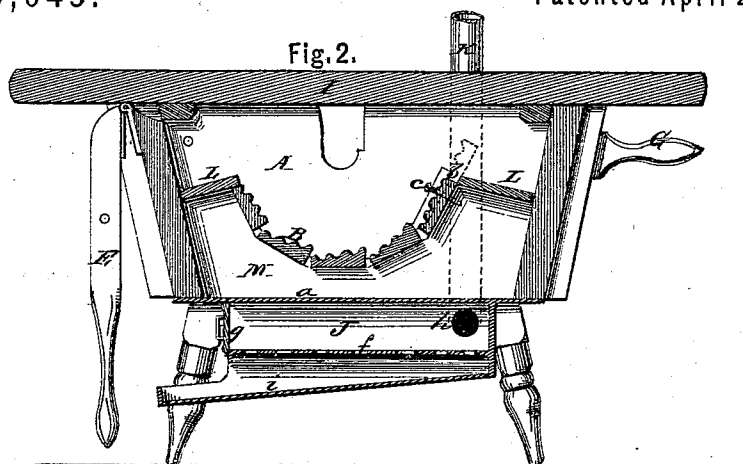


STEPHEN G. EUBANK.

Improvement in Washing-Machines.

No. 126,045.

Patented April 23, 1872.



WITNESSES.

Geo. L. Swin

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INVENTOR.

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UNITED STATES PATENT OFFICE.

STEPHEN G. EUBANK, OF GIRARD, ILLINOIS,

IMPROVEMENT IN WASHING-MACHINES.

Specification forming part of Letters Patent No. 126,045, dated April 23, 1872.

Specification describing an Improved Washing-Machine, invented by STEPHEN G. EUBANK, of Girard, in the county of Macoupin, State of Illinois.

The invention relates primarily to the washing-machine described in patent No. 100,991, issued March 22, 1870, to James T. Dorton and myself.

The improvements consist in the combination, with such washing-machine, of a furnace or heater and lid, within the tub, at the ends of the concave, to confine the steam, and in a removable or sliding section of the concave, to constitute a holder by which to cleanse dirty portions of the clothes.

In the drawing, Figure 1 is a perspective, partly in section, of my improved machine in working condition. Fig. 2 is a longitudinal section of the tub and fixed appurtenances, with table-cover. Fig. 3 is a perspective of the "sliding rubber" or holder.

A represents the tub with wooden sides and metallic bottom *a*; B, the concave, with removable or sliding section *b* retained by pins *c*; C, the rubber; D, its standard; E, hand-lever for oscillating rubber; and furnace or heater F the connecting-rod, attached by removable pins *d e*. G G represent the fixed and H H the pivoted handles, the latter furnishing the bearings for the rubber C; H', the rod forming pivots of handles H. I represents the table-top, applied when the machine is out of use. J represents a sheet-metal stove or furnace, attached to the under side of the metallic bottom *a* of the tub; and K the pipe or flue of the same. This furnace has a horizontal perforated partition, *f*, constituting a grate; a hinged door, *g*, to the fuel-space above this grate, a lateral smoke-exit, *h*, and a declining bottom, *i*, projecting at front, and furnished with lips to properly re-

tain and yet facilitate the removal of the ashes. The tub-bottom *a* constitutes the top of the furnace. L L represent inner lids, supported by extensions of the cradles M, at the ends of the concave B, to confine the steam. Either of these lids may be removed as required to put clothes to soak beneath the concave and then replaced.

The construction of the removable or sliding holder *b*, by which to cleanse dirty spots without subjecting the whole piece to rubbing, is clearly represented in Fig. 3. The same has inclined corrugated face, and perforated flanges at ends by which to retain it.

In operation the rubber is elevated and the holder released and elevated as indicated by dotted lines in Fig. 2, and the wristbands of a shirt, or other dirty portions brought through the space thus formed onto the concave. The holder is then replaced and secured, the rubber lowered, and these portions independently cleansed.

I propose making the stove J detachable.

Claims.

What I claim as new herein is—

1. The combination with a washing-machine of the form herein represented, of the furnace or heater F, and the removable inner lids L, substantially as shown and described, for the purposes specified.

2. The "sliding rubber" or holder *b*, the same being a removable section of the concave B, constructed and employed substantially as shown and described, for the purpose set forth.

STEPHEN G. EUBANK.

Witnesses:

R. S. COWAN,
B. BETHEL.