

(No Model.)

V. WILHELMI.
WASHING MACHINE.

No. 326,257.

Patented Sept. 15, 1885.

Fig. 1.

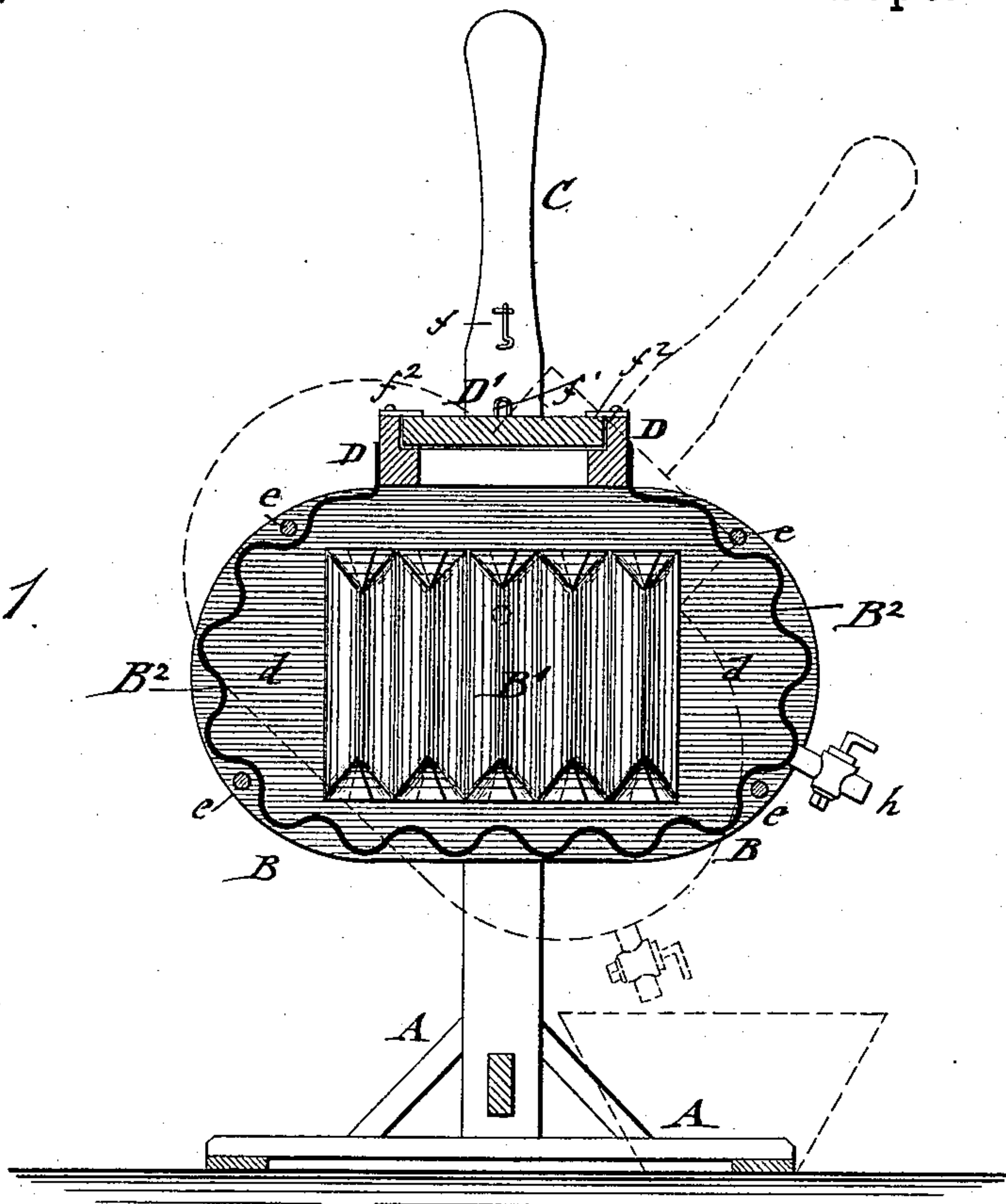
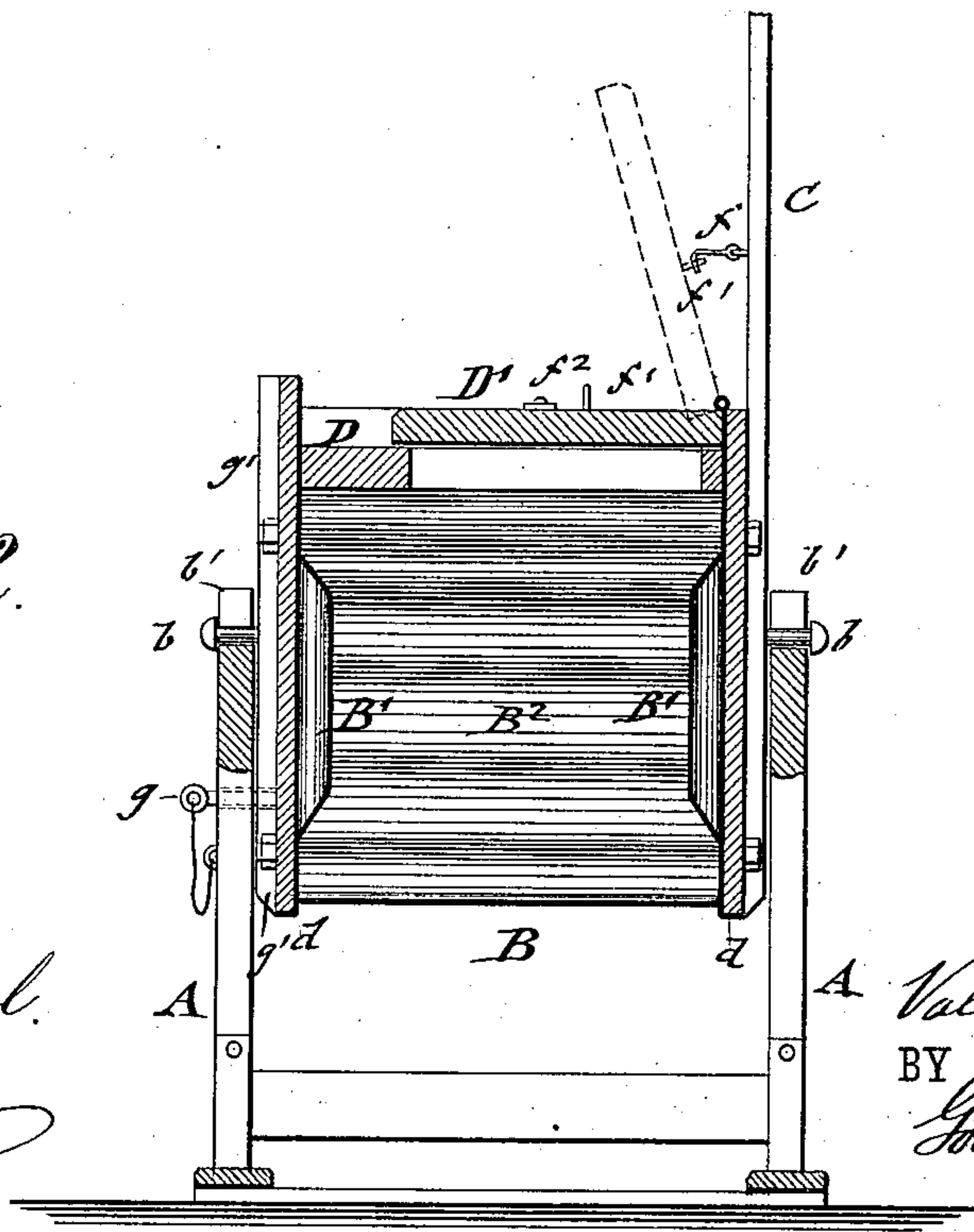


Fig. 2.



WITNESSES:

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VALENTIN WILHELMI, OF PATERSON, NEW JERSEY.

WASHING-MACHINE.

SPECIFICATION forming part of Letters Patent No. 326,257, dated September 15, 1885. •

Application filed November 7, 1884. (No model.)

To all whom it may concern:

Be it known that I, VALENTIN WILHELMI, of Paterson, in the county of Passaic and State of New Jersey, have invented certain new and
5 useful Improvements in Washing-Machines, of which the following is a specification.

This invention has reference to certain improvements in washing-machines of that class in which the suds-box is oscillated upon a supporting-stand; and the invention consists of a
10 washing-machine the suds-box of which is constructed of wooden sides covered with sheet metal, and provided with corrugated ribs, and of a corrugated body of sheet metal that extends transversely between the sides and is
15 attached thereto, the ends of said sheet-metal body being attached to the frame of the top opening of the suds-box, which opening is closed by a hinged lid.

20 In the accompanying drawings, Figure 1 represents a vertical longitudinal section of my improved washing-machine, and Fig. 2 is a vertical transverse section of the same.

Similar letters of reference indicate corresponding parts.

Referring to the drawings, A represents the supporting-stand of my improved washing-machine, and B the suds-box, which is supported by trunnions *b b* in recessed upper
30 ends of the standards of the supporting-frame A. The suds-box B is oscillated by means of a handle, C, that is attached to one of the sides of the same. The suds-box B is constructed of wooden sides *d*, which are lined with sheet
35 metal at the sides facing each other, and provided with ribs *B'*, that are formed of corrugated sheet metal, the corrugations being slit at the upper and lower ends and beveled off toward the sides *d d*, the slit ends of such cor-
40 rugations overlapping each other, and being carefully soldered to each other and the sides, so as to prevent the entrance of the suds. The body *B²* of the suds-box B is formed of a continuous piece of corrugated sheet metal, which
45 is carefully soldered to the sides *d d*, and se-

curely retained in position by transverse screw-bolts *e e*, which are arranged outside of the body *B²* in the concave corrugations of the same. The upper ends of the corrugated body *B²* are attached to the frame D of the top opening, through which the clothes are inserted
50 into the suds box, the top opening being closed by a hinged lid, *D'*, which is held in open position by a pivot-hook, *f*, of the handle C, and an eye, *f'*, of the lid *D'*, as shown clearly in
55 dotted lines in Fig. 2.

When the clothes are placed into the suds-box B, the lid *D'* is locked to the frame D by pivot-catches, screw-bolts, or any other suitable retaining devices, *f²*, so as to prevent the
60 escape and spilling of the suds.

When the clothes are to be removed from the suds-box, the suds-box is secured in rigid position on the supporting-standard A by a pin, *g*, that engages a socket of a vertical cen-
65 ter rib, *g'*, of one side, *d*, of the suds-box B, as shown in Fig. 2.

For removing the suds, the suds-box is provided with a discharge plug or faucet, *h*, at one of the convex corrugations, as shown in
70 Fig. 1, so that by placing the suds-box in inclined position and oscillating the same all the suds are readily discharged from the suds-box into a suitable receiving-vessel.

Having thus described my invention, I claim
75 as new and desire to secure by Letters Patent—

In a washing-machine, a suds-box constructed of wooden sides covered with sheet metal, and having interior ribs made of corrugated
80 sheet metal, and of a transverse body of corrugated sheet metal attached to the sides by soldering and transverse stay-rods, substantially as set forth.

In testimony that I claim the foregoing as my invention I have signed my name in pres-
85 ence of two subscribing witnesses.

VALENTIN WILHELMI.

Witnesses:

PAUL GOEPEL,
CARL KARP.