C. O. SCHOONOVER.

WATER FITTING FOR LAUNDRY TRAYS.

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1,232,855.

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Fig. 1.

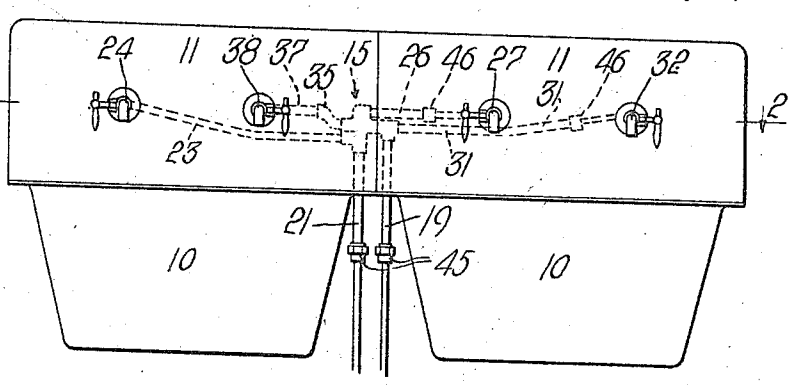


Fig. 2.

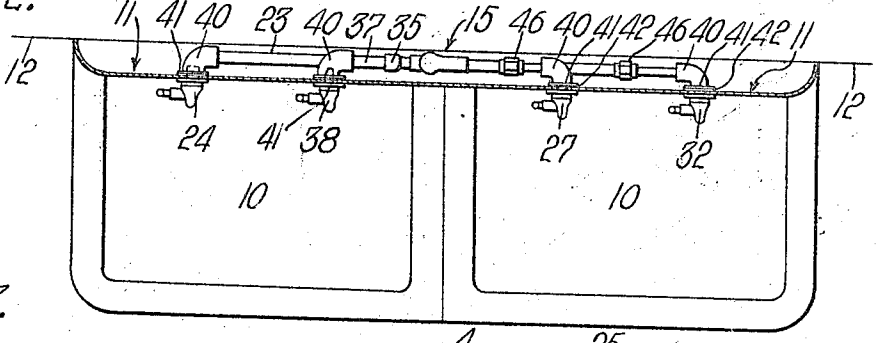


Fig. 3.

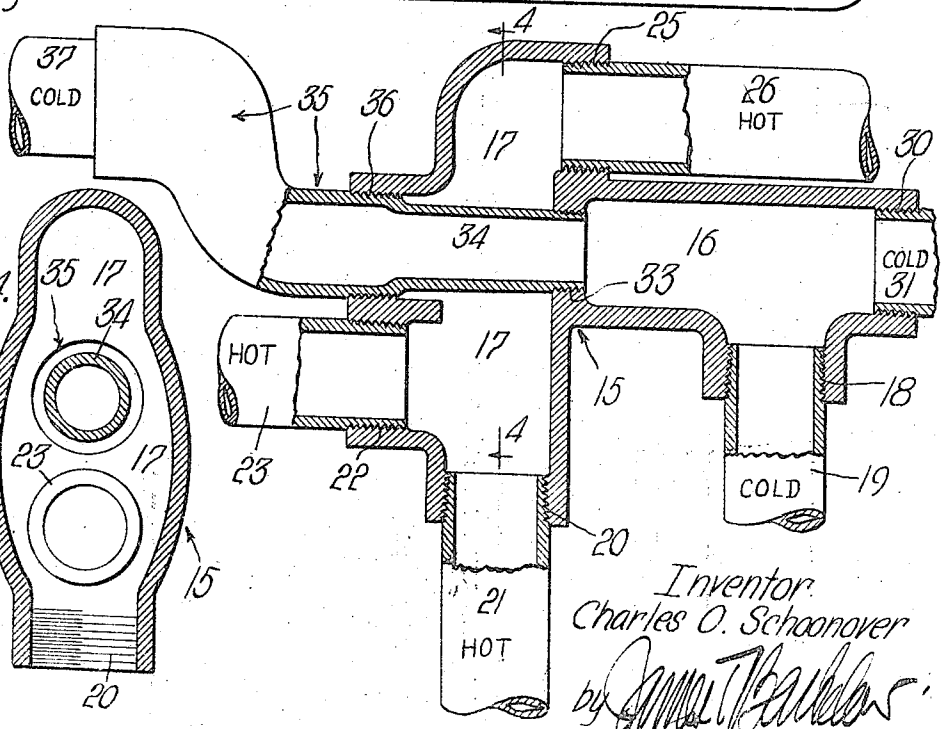


Fig. 4.

Inventor.
Charles O. Schoonover
by James T. Saunders
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UNITED STATES PATENT OFFICE.

CHARLES O. SCHOONOVER, OF LOS ANGELES, CALIFORNIA, ASSIGNOR OF ONE-HALF TO ARTHUR E. LYON, OF LOS ANGELES, CALIFORNIA.

WATER-FITTING FOR LAUNDRY-TRAYS.

1,232,855. Specification of Letters Patent. Patented July 10, 1917.

Application filed September 6, 1916. Serial No. 118,606.

To all whom it may concern:

Be it known that I, CHARLES O. SCHOONOVER, a citizen of the United States, residing at Los Angeles, in the county of Los Angeles, State of California, have invented new and useful Improvements in Water-Fittings for Laundry-Trays, of which the following is a specification.

This invention relates to water fitting for laundry trays and the like; and has for its object the provision of a simple form of fitting for facilitating water connections to sets of laundry trays. I illustrate my invention as applied to a pair of laundry trays, although it will be understood that the invention may be, by duplication, applied to more than two trays. The illustration and description of the application for two trays sufficiently sets forth the principal features of my invention.

A preferred form of device, embodying my invention, comprises a casting made in a single piece with two water passages therethrough, said water passages being arranged in a single vertical plane, and each having an inlet connection and each having two outlet connections leading out horizontally on opposite sides of the passages for attachment of connection pipes to the valves or faucets of the trays. It is a distinct feature of my device that the passages all lie in a single vertical plane; so that the device is flat and fits easily into the narrow space behind the trays or behind the backs of the trays.

I illustrate a preferred form of device in the accompanying drawings in which Figure 1 is a front elevation of a pair of laundry trays equipped with my invention; Fig. 2 is a section and plan taken as indicated by lines 2—2 on Fig. 1; Fig. 3 is a vertical, central section of my fitting, showing its interior construction, and Fig. 4 is a vertical transverse section of the fitting taken as indicated by line 4—4 on Fig. 3.

In the drawings the numerals 10 designate laundry trays arranged one alongside the other; and numerals 11 designate the backs therefor. These backs 11 are usually of the configuration shown, leaving a shallow space between the wall surface 12 and the backs in which the piping may be arranged. Or, if backs are not used and the faucets mounted directly in the trays themselves, the spaces behind the trays are shallow and restricted. It is an object of my invention to provide a simple one-piece device which may be set up in this restricted space and which will facilitate the connection of water to the trays. I accordingly employ a body 15, preferably a casting, having a pair of passages 16 and 17 therethrough. The passage 16 has a lower inlet connection at 18 adapted for connection with the cold water pipe 19 and the passage 17 has an inlet connection 20 at its lower end adapted for connection with the hot water pipe 21. Immediately above the lower connection 20 the passage 17 has a horizontally extending connection 22 for connection with the pipe 23 which leads to the hot water faucet 24 of the left hand tray; and at its upper end this passage 17 has an oppositely horizontally extending connection 25 connecting with the hot water pipe 26 which leads to the hot water faucet 27 of the right-hand tray. The several pipes, passage 17, and the connections 22 and 25 all lie in the same vertical plane. The passage 16 lies in the same vertical plane aforesaid; and at its right side has an outlet connection 30 adapted to connect with pipe 31 which leads to the cold water faucet 32 of the right-hand tray. This passage 16 has, at its left-hand side, a connection 33 into which a nipple 34 of a connection making member 35 is screw-threaded. This connection making member also has a screw-threaded connection at 36 into the casting 15 and through the wall of the passage 17; the nipple 34 extending transversely horizontally across passage 17, which passage is enlarged at this point to provide for hot water passage around the nipple 34. The connection member 35 connects with the pipe 37 which leads to the cold water faucet 38 of the left-hand tray. All these pipes, and both passages, and all their outlets and inlets lie in one vertical plane; so that the whole piping arrangement takes up very little space behind the backs 11; as is clearly shown in Fig. 2. Each of the pipes 23, 26, 31 and 37 have special flanged elbows 40 on their outer ends. The flanges 41 of these elbows are drawn up against the rear surfaces of the backs when the faucets 24, etc., are screwed into them; and washers 42 provide for water-tight joints to prevent any water leaking back through the backs (or through the back sides of the trays when the faucets are in-

stalled in the walls of the trays themselves rather than in backs, as illustrated). The upright supply pipes 19 and 21 may be provided with slip joints 45 so that the fitting may be easily adjusted as for height; and the horizontal pipes may be also provided with slip joints, as illustrated at 46, so that the connections may be easily adjustable horizontally to accurately suit the horizontal distance between the tubs and the horizontal distance between the various faucets and the fitting 15.

It will be seen that I have provided a simple and easily installed device which will fit into the restricted space behind laundry trays or the like. Although the specific form of device herein described is effective as applied to the pair of trays; yet I do not restrict myself in detail to this specific form, reserving the right to make whatever changes are included within the definition of my invention in the following claims.

Having described a preferred form of invention, I claim:

1. A water fitting for laundry trays and the like, embodying a one-piece body having two independent passages therethrough for hot and cold water, each passage having an inlet connection and each having two outlet connections, one of said outlet connections passing transversely through one of said passages.

2. A water fitting for laundry trays and the like, embodying a one-piece body having a passage therethrough lying in one vertical plane and having an inlet connection and two opposite outlet connections for connection pipes extending horizontally in said plane, and having another passage lying also in said plane with an inlet connection and two opposite outlet connections for connection pipes extending horizontally in said plane, one of said outlet connections passing transversely through one of said passages.

3. A water fitting for laundry trays and the like, embodying a one-piece body having a passage therethrough with an inlet connection at its lower end and two outlet connections extending oppositely horizontally from the passage, one immediately above the inlet connection and one at the upper end of the passage, said passage and its inlet and outlet connections all lying in a vertical plane, the body having another passage with a lower inlet connection and two opposite outlet connections, all lying in the plane aforesaid, one of said outlet connections being attached to an outlet connection member which passes transversely through the first mentioned passage and joins with said outlet connection.

4. A water fitting for laundry trays and the like, embodying a one-piece body having a passage therethrough with an inlet connection at its lower end and two outlet connections extending oppositely horizontally from the passage, one immediately above the inlet connection and one at the upper end of the passage, said passage and its inlet and outlet connections all lying in a single vertical plane, the body having another passage with a lower inlet connection and two opposite outlet connections, all lying in the plane aforesaid, one of said outlet connections being attached to an outlet connection member screw-threaded into the body, passing transversely through the first mentioned passage and screw-threaded into the said outlet from the second mentioned passage, the first mentioned passage being enlarged around said member to provide water passage therearound.

In witness that I claim the foregoing I have hereunto subscribed my name this 30th day of August 1916.

CHAS. O. SCHOONOVER.

Witnesses:

ARTHUR E. LYON,

ELWOOD H. BARKELEW.

Copies of this patent may be obtained for five cents each, by addressing the "Commissioner of Patents. Washington, D. C."