July 14, 1953 E. F. MATTHEWS 2,644,955

SWEAT PAN FOR FLUSH TANKS

Filed May 18, 1950

Fig. 1

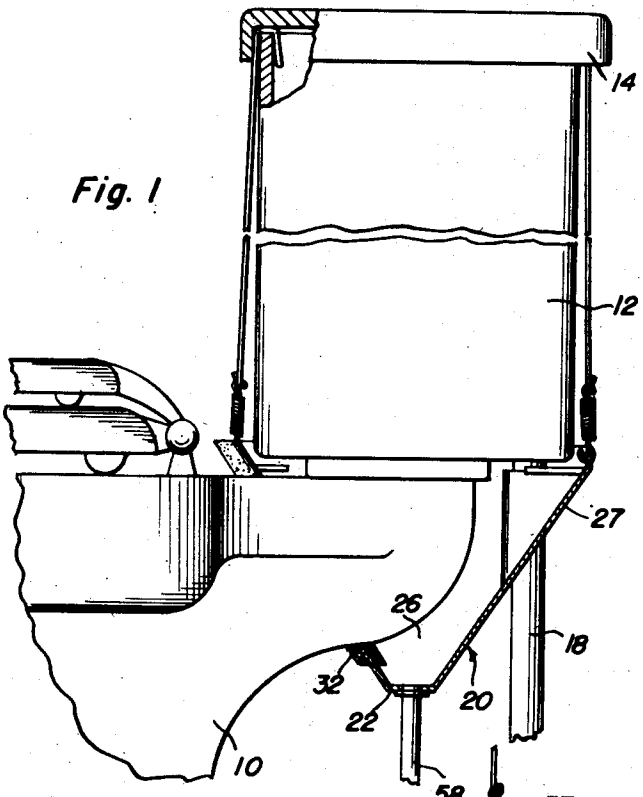
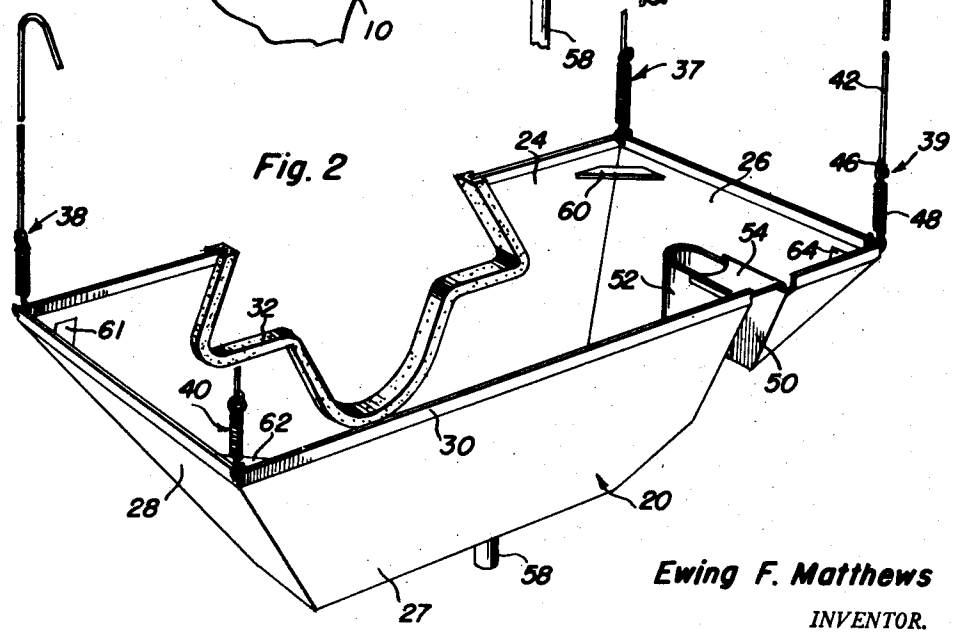


Fig. 2



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SWEAT PAN FOR FLUSH TANKS

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2 Claims. (Cl. 4—252)

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This invention relates to improvements in attachments for plumbing fixtures.

An object of this invention is to collect the moisture which accumulates on the water closet or chest on the rear part of a toilet bowl by means of an improved attachment having resilient hangers adapted to fasten to the top part of the water chest beneath the cover thereof and which is conformed to fit the exterior surface of the rear part of the toilet bowl.

Ancillary objects and features of importance will become apparent in following the description of the illustrated form of the invention.

In the drawings:

Figure 1 is an elevational view showing fragmentarily a toilet bowl and water closet or chest with the attachment applied thereto and shown in section; and

Figure 2 is a perspective view of the attachment separated from the toilet bowl and water chest.

In carrying out the invention, there is illustrated fragmentarily a toilet bowl 10 together with a water closet or chest 12 which has a cover 14 thereon. This structure is purely conventional, and among the conventional structure is a liquid feed line 18 which is attached to the lower end of the water chest 12.

Reference to Figure 2 shows that the attachment consists of a receptacle 20 having a bottom wall 22 together with a front and rear wall 24 and 27, respectively, both of which slope downwardly toward the bottom wall 22. Side walls 26 and 28 also slope toward the bottom 22 and toward each other.

A reinforcing bead or rib 30 is provided around the upper edges of both sides and both ends of the device and there is a recess formed in the wall 24. This recess has a resilient, as rubber, gasket 32 extending therearound, the gasket being substantially channel-shaped in cross section so that it fits over the upper edges of the wall 24 forming the confines of the recess.

Four hanger assemblies 37, 38, 39, and 40, respectively are provided for resiliently retaining the receptacle 20 in place. Each assembly is identical in construction. The assembly 39 consists of a shank 42 which has a hook 44 formed at the upper end thereof, and an eye 46 at the lower end thereof. A spring 48 is provided with an eye at one end which is disposed in said eye 46 and provided with an eye at the opposite end which is passed through an opening, unnumbered, at the upper corner of the receptacle formed by the junction of the walls 26 and 27.

In attaching the device, it is placed below the

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rear end of the toilet bowl 10 and pushed upwardly until the gasket 32 presses against the rear side of the toilet bowl. Inasmuch as the recess wherein the gasket is seated is shaped to conform to the outside surface of the toilet bowl 10, it will fit flush thereagainst. Then, the closure 14 is removed and the hooks placed over the upper edge of the water chest 12. The closure 14 is then replaced.

To accommodate the water riser or line 18, a slot 50 is formed in the wall 27 and a member forming a pocket 52 is attached to the wall 27 around the slot. A closure plate 54 is disposed on the upper end of the pocket so that any liquid draining from the outside surface of the water chest 12 is shunted or directed into the receptacle 20.

A drain line 58 is secured to the bottom wall 22 of the device so that any liquid accumulating in the receptacle may be drained therefrom either into the sewer line, back into the toilet bowl, or may be discharged at any place wherein it is found desirable.

Four brackets 60, 61, 62 and 64, respectively, are provided at the junctions of the walls slightly below the upper edge of the receptacle. These brackets serve the purpose of providing the necessary rigidity of construction and form seats in certain instances. The seats are formed under the condition that the water chest is of such size that when the hanger assemblies 37, 38, 39, and 40 are employed the receptacle is pulled up very firmly, so that the lower edge of the water chest engages the seats.

It is to be noted that the instant attachment may be made of any material, but whatever material is used or whatever small departures are made from the illustrated form of the invention, no tools are necessary to attach the device in place. Accordingly, the skilled services of a plumber or any workmen are unnecessary.

Having described the invention, what is claimed as new is:

1. In combination with a toilet assembly including a bowl, a water chest and a riser for the chest, a sweat pan attachment comprising a receptacle having side walls and a bottom wall, one of said side walls having a notched upper edge conforming to the shape of the rear portion of the bowl and engaging the rear portion of the bowl, resilient hook means carried at the corners of said receptacle and engaging the top of said chest to suspend the receptacle beneath the chest, a slot in that side wall of the receptacle opposite said one side wall forming a pocket receiving the

riser, and a closure plate on the upper end of the pocket to shunt liquid draining from the chest adjacent the riser into the receptacle.

2. In combination with a toilet assembly including a bowl, a water chest and a riser for the chest, a sweat pan attachment comprising a receptacle having upwardly diverging side walls and a bottom wall, resilient hook means carried at the corners of said receptacle and engaging the top of said chest to suspend the receptacle beneath the chest, a slot in one side wall of the receptacle forming a pocket receiving the riser, and a closure plate on the upper end of the pocket to shunt liquid draining from the chest adjacent the riser into the receptacle, one of said side walls having a centrally notched upper edge conforming to the shape of the rear portion of the bowl and engaged therewith.

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