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SHOWER BATH APPLIANCE

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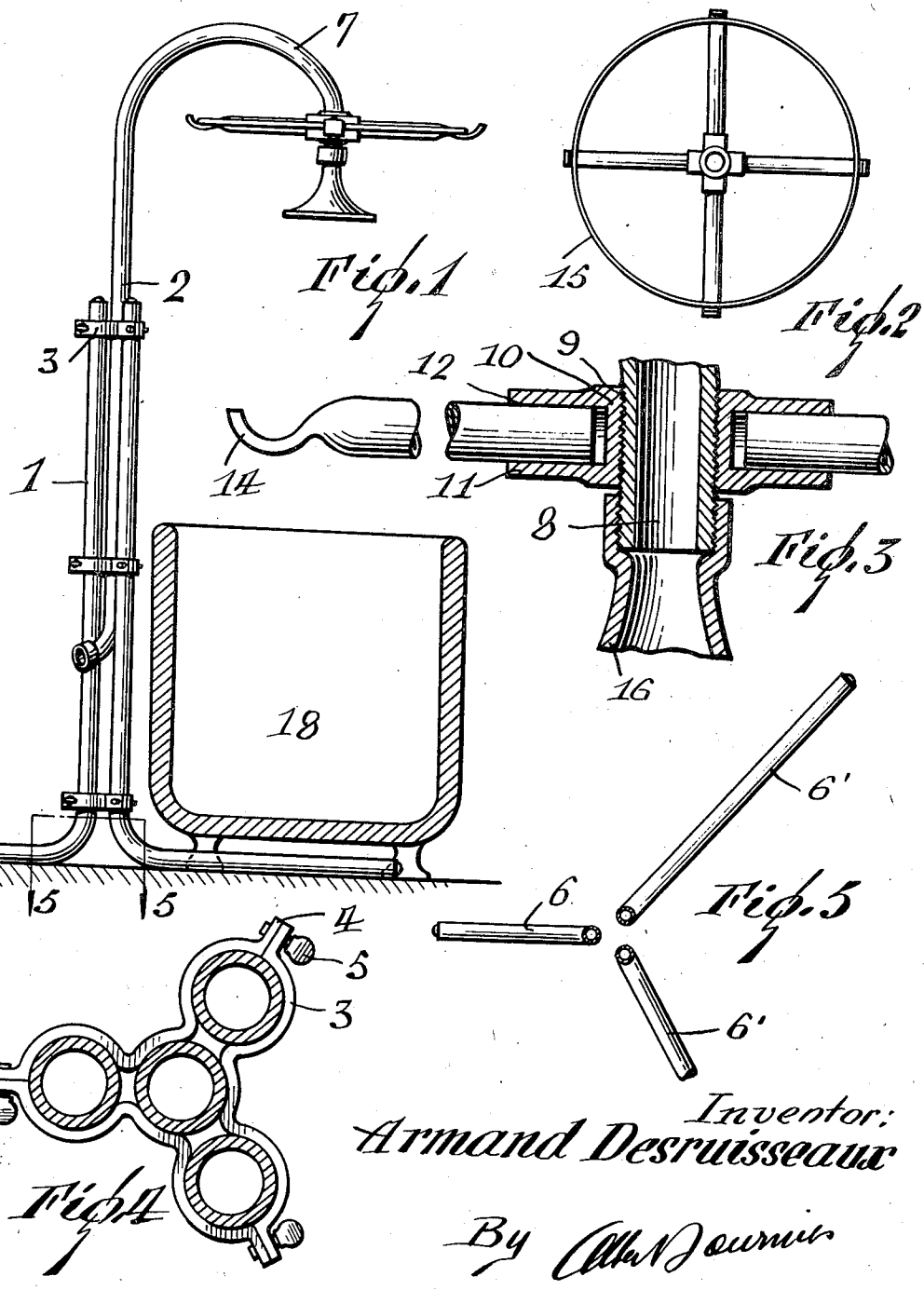


Fig. 1

Fig. 2

Fig. 3

Fig. 5

Fig. 4

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SHOWER BATH APPLIANCE

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6 Claims. (Cl. 4—145)

The present invention pertains to a novel shower bath appliance designed for use in homes or out-of-doors, as in temporary locations at summer resorts.

The principal object of the invention is to provide a simple device of this character which is easily portable, although the construction involved in the invention is equally adapted for permanent installation.

Another object of the invention is to provide such a device constructed of simple and inexpensive parts but nevertheless rugged and durable.

In the accomplishment of these objects, the device comprises a supporting structure comprising three sections of metal pipes grouped equidistantly around and close to a central water pipe. The three pipes are clamped to the water pipe to secure the latter in adjusted positions and have their lower ends bent outwardly to form a base. The lower end of the water pipe is accessible for attachment to a water supply pipe or hose.

The upper end of the water pipe is bent downwardly through 180° to carry the shower head. On this end is also mounted a structure for supporting a ring from which, in turn, the shower curtain is suspended.

The lower or base end of two of the three clamping tubes is prolonged below the shower head to prevent the device from tilting under the added weight in this direction.

The invention is fully disclosed by way of example in the following description and in the accompanying drawing in which:

Figure 1 is an elevation of the device, showing also an associated bath tub in cross section;

Figure 2 is a plan view of coupling, ring and hooks, held together;

Figure 3 is a detail vertical section at the shower head, showing the support for the shower curtain ring;

Figure 4 is a detail plan section of the clamping or pedestal tubes, and

Figure 5 is a plan section on the line 5—5 of Fig. 1.

Reference to these views will now be made by use of like characters which are employed to designate corresponding parts throughout.

In Figures 1 and 4 are shown a series of three vertical tubes 1 grouped equidistantly around and close to a vertical water pipe 2. All four tubes are preferably of equal diameter and consist of any standard metal tubing or pipe such as water or gas pipe. The tubes are engaged by three identical straps 3 having flanged and abutting ends 4 through which clamping screws 5 are passed. As shown in Fig. 4, the straps are adapted to secure the four tubes together and particularly the water pipe 2 to the others by reason of their engagement with the tubes and the tightening effect of the screws 5.

The lower ends of the tubes 1 are bent outwardly or horizontally at their lower ends as indicated by the numeral 6 to form a base for the device. The bent end of two of the tubes is prolonged at 6' for a purpose that will presently be described.

The upper end of the water pipe 2 is bent through an arc of 180° at 7 so that the free upper end 8 points downwardly, as shown more clearly in Fig. 3. This end is threaded at 9 to permit screwing a cross coupling 10 thereon. The coupling embodies a suitable number of outwardly extending branches 11, each of which is tapped at 12 to insert an arm 13 therein. The arms may also consist of metal pipe and are compressed and hooked upwardly at their free ends to form hooks 14 having their concave faces upward. The hooks are at equal distances from the axis of the pipe end 8 and are thereby adapted to receive a metal or other suitable ring 15, as shown in Figures 1 and 2. This ring is adapted for suspension of a shower curtain which is not illustrated.

The coupling 10 is screwed up some distance from the free extremity of the end portion 8 to leave some of the threads 9 exposed below the coupling, and on these threads is screwed a shower or spray head 16 of suitable construction. This member, as well as the end portion 8, lies directly over the prolonged base legs 6' which therefore prevents the device from tipping under the unbalanced weight of the head.

The lower end 17 of the water pipe 2 is disposed at some distance above the members 6, 6' and is bent slightly outwardly so that it is easily accessible for coupling to a water supply pipe or hose. If desired, the device may be mounted on the floor close to a bath tub 18 and the longer members 6' placed under said bath tub 18.

The shower head 16 is adjustable in height by virtue of the manner in which the water pipe 2 is supported by the clamping straps 3 between the tubes 1. The pipe 2 can readily be released for adjustment by loosening the clamping screws 5, and after the desired adjustment has been made, the screws are again tightened.

It will now be evident that the device is con-

structed of exceedingly simple and inexpensive parts and is adapted for outdoor as well as indoor use. Moreover, by reason of the ruggedness of the construction, the device is particularly well suited for outdoor use, as in connection with summer cottages, hotels and camps.

Although a specific embodiment of the invention has been illustrated and described, it will be understood that various alterations in the details of construction may be made without departing from the scope of the invention, as indicated by the appended claims.

What I claim is:

1. A shower bath appliance comprising a vertical water pipe, a series of vertical tubes grouped around said pipe and in close proximity thereto, clamping members engaging said tubes and pipe, releasable securing means holding said members together, the lower ends of said tubes being bent horizontally outward to form a base, the upper end of said pipe being bent through an arc of 180°, and a depending spray head on said end.

2. A shower bath appliance comprising a vertical water pipe, a series of vertical tubes grouped around said pipe and in close proximity thereto, clamping members engaging said tubes and pipe, releasable securing means holding said members together, the lower ends of said tubes being bent horizontally outward to form a base, the upper end of said pipe being bent through an arc of 180°, and a depending spray head on said end, two of said horizontal ends being extended to lie directly below said head.

3. A shower bath appliance comprising a vertical water pipe, a series of vertical tubes grouped around said pipe and in close proximity thereto, clamping members engaging said tubes and pipe, releasable securing means holding said members together, the lower ends of said tubes being bent horizontally outward to form a base, the upper end of said pipe being bent through an arc of 180°, a depending spray head on said end, a cross coupling mounted on said end above said head and including a number of arms, branches secured to said arms and hooked at their outer ends, and a curtain ring supported by said arms.

4. A shower bath appliance comprising a vertical water pipe, a series of vertical tubes grouped around said pipe and in close proximity thereto, clamping members engaging said tubes and pipe, releasable securing means holding said members together, the lower ends of said tubes being bent horizontally outward to form a base, the upper end of said pipe being bent through an arc of 180°, a depending spray head on said end, two of said horizontal ends being extended to lie directly below the said head, a cross coupling mounted on said end above said head and including a number of arms, branches secured to said arms and hooked at their outer ends, and a curtain ring supported by said arms.

5. A shower bath appliance comprising a vertical water pipe, a series of vertical tubes grouped around said pipe and in close proximity thereto, clamping members engaging said tubes and pipe, releasable securing means holding said members together, the lower ends of said tubes being bent horizontally outward to form a base, the upper end of said pipe being bent through an arc of 180°, a depending spray head on said end, a cross coupling mounted on said end above said head and including a number of tapped arms, pipe lengths of equal length placed into said arms and hooked at their outer ends, and a curtain ring supported by said arms.

6. A shower bath appliance comprising a vertical water pipe, a series of vertical tubes grouped around said pipe and in close proximity thereto, clamping members engaging said tubes and pipe, releasable securing means holding said members together, the lower ends of said tubes being bent horizontally outward to form a base, the upper end of said pipe being bent through an arc of 180°, and a depending spray head on said end, the lower end of said pipe being disposed above said bent ends and bent outwardly between two of said tubes for coupling to a water supply source.

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