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Child shower system

Abstract

A child showering system with an adjustable shower head and a temperature adjustment knob positioned to be in reach of a child while in the shower. The child showering system includes a water temperature adjust is be positioned below the adjustable arm on the front surface of the housing. The child showering system includes a swivel for a child shower attachment and a pair of shower heads. There is also a multicolor lighting system that extends along the perimeter of the housing and provides illumination of the housing to enhance a user's vision.

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Background/Summary

CROSS REFERENCE TO RELATED APPLICATIONS (1) This application claims the benefit of U.S. Provisional Application No. 63/402,676 filed on Aug. 31, 2022. The above identified patent application is herein incorporated by reference in its entirety to provide continuity of disclosure.

BACKGROUND OF THE INVENTION
(1) The present invention relates to a system. More particularly, the present invention relates to a child shower system.
(2) Showering is an important aspect of personal hygiene. For young children, it may be difficult for them to operate a shower. Due to the height of the shower head and the temperature adjustment knob in most showers, the children are unable to adjust the shower head or the adjustment knob to have a comfortable experience. If a child attempts to adjust either the shower head or the temperature knob out of reach, they could end-up severely injury themselves in the process.
(3) Thus, it is common for the parents to assist the child in showering by adjusting both the shower head and the temperature knob according. However, a parent may have to constantly adjust both features of the shower to the child's desire. There are shower heads that may be removed from a

support holder which may bring the water flow closer to the child, however it may be difficult for smaller children to operate these types of shower heads to have an effective shower. This may leave the parents opting to bathe the child in a bathtub as opposed to them operating the shower for the child.

(4) Unfortunately, bathing has some negative consequences. First, that the child will be sitting in the still bathe water for an extended amount of time. The longer the child sits in the bath water, the more oils, dirt, and other debris accumulate therein from the child's skin. Sitting in a bathtub with such debris for an extended amount of time may result in the child suffering from a bacterial infection.

(5) Additionally, while in the bathtub the parent must be positioned in such a way that they may reach the child to bathe them. Typically, this includes laying on the bathroom floor and extending themselves over the edge of the bathtub. It is common for a parent sitting in such a position to experience pain or cramping from being crouched down near the bathtub. Finally, most children want to begin to have some independence while in they are showering and providing them a safe way to do so will limit the concerns stated above.

(6) In order to address these concerns, the present invention will provide users with a child shower system with a shower head and a temperature adjustment knob positioned to be in reach of a child while in the shower.

SUMMARY OF THE INVENTION

(7) In view of the foregoing disadvantages inherent in the known types of child shower systems now present in the prior art, the present invention provides a child shower system wherein the same may be utilized for providing convenience for a user when using a child shower system.

(8) The present system comprises a child shower system having a housing having a front surface and a rear surface, the rear surface of the housing includes one or more fasteners, a child shower attachment extending from the front surface of the housing, a water temperature adjustment knob disposed on the front surface of the housing, the water temperature adjust knob includes a plurality of identifiable settings and an actuator button, a plurality of electronic components disposed on the housing, a hose disposed on a top surface of the housing, and a shower hook-up including a pair of shower heads and a hook-up, the pair of shower heads include a first shower head and a second shower head, wherein the hook-up connects with a water line located within each of the pair of shower heads, thereby allowing the housing adapted to be removably secured to an existing shower line, and wherein the child shower attachment is affixed to an adjustable arm that moves up and down along a vertical axis.

Description

BRIEF DESCRIPTION OF THE DRAWINGS

(1) Although the characteristic features of this invention will be particularly pointed out in the claims, the invention itself and manner in which it may be made and used may be better understood after a review of the following description, taken in connection with the accompanying drawings wherein like numeral annotations are provided throughout.

(2) FIG. **1** shows a side perspective view of an embodiment of the child shower system.

(3) FIG. **2** shows a close-up view of an embodiment of a water temperature adjust of the child shower system.

(4) FIG. **3** shows a close-up view of an embodiment of a child shower attachment of the child shower system.

(5) FIG. **4** shows a close-up view of an embodiment of a shower hook-up of the child shower system.

DETAILED DESCRIPTION OF THE INVENTION

(6) Reference is made herein to the attached drawings. Like reference numerals are used throughout the drawings to depict like or similar elements of the child shower system. The figures are intended for representative purposes only and should not be considered to be limiting in any respect.
(7) FIG. **1** shows a front perspective view of an embodiment of a child shower system **100**.
(8) The child shower system **100** may include a housing **110**, a child shower attachment **120**, a water temperature adjust **130**, a plurality of electronic components **140**, a hose **150**, a shower hook-up **160**, and a valve **170**.
(9) The housing **110** may include a front surface **110**A and a rear surface **110**B. The rear surface **110**B of the housing **110** may include one or more fasteners **112**. The one or more fasteners **112** may be adapted to secure the housing **110** to a wall **114** of a shower **114**A. In the preferred embodiment, the one or more fasteners **112** may be one or more suction cups **112**A or the like. FIG. **1** shows a pair of suction cups **112**A.
(10) The child shower attachment **120** may extend from the front surface **110**A of the housing **110**. The child shower attachment **120** may be affixed to an adjustable arm **124** that moves up and down along a vertical axis. The child shower attachment **120** may include a shower head **122** that rotates in an up-and-down fashion or a side-to-side fashion or the like.
(11) The water temperature adjust **130** may be disposed on the front surface **110**A of the housing **110**. The water temperature adjust **130** may be positioned below the adjustable arm **124** on the front surface **110**A of the housing **110**.
(12) The electronic components **140** may be disposed on the housing **110**. The electronic components **140** may include a multicolor lighting system **142**, a speaker **144**, and a waterproof removable battery **146** may be inserted into a port **147** disposed on the housing **110**. The multicolor lighting system **142** may extend along the perimeter of the housing **110**. The multicolor lighting system **142** may provide illumination of the housing **110** to enhance a user's vision. The speaker **144** may be wirelessly connected to an electronic device **148** to emit sounds for a user while operating the child shower system **100**. The waterproof removable battery **146** may allow power to the other electronic components **140**.
(13) The hose **150** may be disposed on a top surface **110**A of the housing **110**. The hose **150** may be a stainless steel hose **152** or the like.
(14) The shower hook-up **160** may include a pair of shower heads **162** and a hook-up **164**.
(15) The pair of shower heads **162** may include a first shower head **162**A and a second shower attachment **162**B. The hook-up **164** may connect with a water line (FIG. **4**, **166**) located within each of the pair of shower heads **162**, thereby allowing the housing **110** to be removably secured to an existing shower line (not shown). The hook-up **164** may be dispersed from the pair of shower heads **162** or within the hose **150** to the child shower attachment **120**.
(16) A valve **170** may be operably connected to the child shower attachment **120**, whereupon actuation, water may be redirected from the shower line (not shown) to the child shower attachment **120** or the pair of shower heads **162**.
(17) FIG. **2** shows a close-up view of an embodiment of a water temperature adjust **130** of the child shower system **100**.
(18) The water temperature adjust **130** may include a plurality of identifiable settings **132** and an actuator button **134**.
(19) The identifiable settings **132** may be set from rotating the water temperature adjust **130** to adjust the water temperature dispensing from the child shower attachment (FIG. **1**, **120**). In the shown embodiment, the actuator button **134** may be centrally disposed on the water temperature adjust **130** to turn the child shower attachment **120** on or off. In one embodiment, the actuator button **134** and the water temperature adjust **130** may be combined.
(20) The actuator button **134** may determine which path within the child shower system **100** water will flow for dispersing. In one embodiment, the actuator button **134** may be a push button **134**A or

the like. Additionally, the actuator button **134** may selectively adjust the temperature output from the child shower attachment **120** and selectively activate or deactivate the electronic components **140** within the housing **110**.
(21) A user may remove the waterproof removable battery **190** from the housing **110** and insert it into a universal charging station **192** when the shower **114**A is not in use.
(22) FIG. **3** shows a close-up view of an embodiment of the child shower attachment **120** of the child shower system **100**.
(23) The child shower attachment **120** may include a swivel **126**, a plurality of apertures **128**, and a temperature sensor **123**.
(24) The swivel **126** may pivot about a distal end of the adjustable arm **124** and is located behind the shower head **122**. The swivel **126** may move the shower head **122** forward and backwards. The apertures **126** may be disposed on the shower head **122** to allow the water to be dispersed therefrom.
(25) The temperature sensor **123** may be connected to the child shower attachment **120** and the pair of shower heads (FIG. **1**, **154**, **156**). The temperature sensor **123** may be operably connected to an electrical device (FIG. **1**, **148**) via wireless communication such as the Internet, short range wireless technology or BLUETOOTH® or the like. Moreover, the temperature sensor **123** may be further configured to actuate the valve (FIG. **1**, **170**) to prevent fluid flow through the child shower attachment **120** if the water temperature within the shower line (not shown) exceeds a threshold temperature, such that a child using the child shower system **100** is not burned.
(26) FIG. **4** shows a close-up view of an embodiment of a shower hook-up **160** of the child shower system **100**. The shower hook-up **160** may pivot along a horizontal axis and a vertical axis.
(27) The shower hook-up **160** may include a swivel **166**.
(28) The swivel **166** may disposed behind each of the pair of shower heads **162** but in front of the hook-up **164**. The swivel **166** may move each of the pair of shower heads **162** back and forth and side-to-side or the like.
(29) The foregoing descriptions of specific embodiments of the present invention have been presented for purposes of illustration and description. They are not intended to be exhaustive or to limit the present invention to the precise forms disclosed, and obviously many modifications and variations are possible in light of the above teaching. The exemplary embodiment was chosen and described in order to best explain the principles of the present invention and its practical application, to thereby enable others skilled in the art to best utilize the present invention and various embodiments with various modifications as are suited to the particular use contemplated.
(30) It is therefore submitted that the instant invention has been shown and described in various embodiments. It is recognized, however, that departures may be made within the scope of the invention and that obvious modifications will occur to a person skilled in the art. With respect to the above description then, it is to be realized that the optimum dimensional relationships for the parts of the invention, to include variations in size, materials, shape, form, function and manner of operation, assembly and use, are deemed readily apparent and obvious to one skilled in the art, and all equivalent relationships to those illustrated in the drawings and described in the specification are intended to be encompassed by the present invention.
(31) Therefore, the foregoing is considered as illustrative only of the principles of the invention. Further, since numerous modifications and changes will readily occur to those skilled in the art, it is not desired to limit the invention to the exact construction and operation shown and described, and accordingly, all suitable modifications and equivalents may be resorted to, falling within the scope of the invention.

Claims

1. A child shower system, comprising: a housing having a front surface and a rear surface, the rear surface of the housing includes one or more fasteners; a child shower attachment extending from the front surface of the housing; a water temperature adjustment knob disposed on the front surface of the housing, the water temperature adjustment knob includes a plurality of identifiable settings and an actuator button; a plurality of electronic components disposed on the housing; a hose disposed on a top surface of the housing; and a shower hook-up including a pair of shower heads and a hook-up, the pair of shower heads include a first shower head and a second shower head; wherein the hook-up connects with a water line located within each of the first shower head and second shower head, thereby allowing the housing adapted to be removably secured to an existing shower line; and wherein the child shower attachment is affixed to an adjustable arm that moves up and down along a vertical axis.
2. The child shower system, according to claim 1, wherein the one or more fasteners are adapted to secure the housing to a wall of a shower.
3. The child shower system, according to claim 1, wherein the one or more fasteners are one or more suction cups.
4. The child shower system, according to claim 1, wherein the child shower attachment includes a shower head that rotates in an up-and-down fashion or a side-to-side fashion.
5. The child shower system, according to claim 1, wherein the child shower attachment includes a swivel, a plurality of apertures, and a temperature sensor.
6. The child shower system, according to claim 5, wherein a swivel is disposed behind each of the first shower head and the second shower head but in front of the hook-up.
7. The child shower system, according to claim 6, wherein each swivel moves a respective shower head of the pair of shower heads back and forth and side-to-side.
8. The child shower system, according to claim 5, wherein the temperature sensor is connected to the child shower attachment and the pair of shower heads.
9. The child shower system, according to claim 1, wherein the water temperature adjustment knob is positioned below the adjustable arm on the front surface of the housing.
10. The child shower system, according to claim 1, wherein the water temperature adjustment knob includes identifiable settings to adjust the water temperature dispensing from the first shower head.
11. The child shower system, according to claim 1, wherein the identifiable settings set from rotating the water temperature adjustment knob to adjust the water temperature dispensing from the child shower attachment.
12. The child shower system, according to claim 1, wherein the actuator button is centrally disposed on the water temperature adjustment to turn the child shower attachment on or off.
13. The child shower system, according to claim 1, wherein the actuator button determines which path within the child shower system water will flow for dispersing.
14. The child shower system, according to claim 1, wherein the electronic components include a multicolor lighting system, a speaker, and a waterproof removable battery inserted into a port disposed on the housing.
15. The child shower system, according to claim 14, wherein the multicolor lighting system extends along a perimeter of the housing and provides illumination of the housing to enhance a user's vision.
16. The child shower system, according to claim 14, wherein the speaker is wirelessly connected to an electronic device to emit sounds for a user while operating the child shower system.
17. The child shower system, according to claim 14, wherein the waterproof removable battery allows power to the electronic components.
18. The child shower system, according to claim 1, wherein the hose is a stainless steel gooseneck hose.

19. The child shower system, according to claim 1, wherein the hook-up disperses water to the pair of shower heads.