SPA APPARATUS HAVING FOOTREST-HOSE COMBINATION DEVICE

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ABSTRACT
A representative spa apparatus includes a basin, a basin structure that houses the basin, and a footrest-hose combination device that is mounted on the basin structure in front of the spa apparatus. The footrest-hose combination device adjusts the extension of a footrest structure and a hose fixture that are coupled to the footrest-hose combination device.
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TECHNICAL FIELD

[0001] The present disclosure is generally related to spa apparatus and, more particularly, is related to a spa apparatus having a footrest-hose combination device.

BACKGROUND

[0002] In a salon environment, a pedicure spa may be employed with a footrest and/or foot pedal. Such a footrest or foot pedal may be employed for comfort of a client in a salon environment when receiving a pedicure. The footrest may allow a client in a salon environment to rest at least one foot adjacent to or near a basin employed in the pedicure process.

SUMMARY

[0003] A representative spa apparatus includes a basin, a basin structure that houses the basin, and a footrest-hose combination device that is mounted on the basin structure in front of the spa apparatus. The footrest-hose combination device adjusts the extension of a footrest structure and a hose fixture that are coupled to the footrest-hose combination device.

BRIEF DESCRIPTION OF DRAWINGS

[0004] Many aspects of the disclosure can be better understood with reference to the following drawings. The components in the drawings are not necessarily to scale, emphasis instead being placed upon clearly illustrating the principles of the present disclosure. Moreover, in the drawings, the reference numerals designate corresponding parts throughout the several views. While several embodiments are described in connection with these drawings, there is no intent to limit the disclosure to the embodiment or embodiments disclosed herein. On the contrary, the intent is to cover all alternatives, modifications, and equivalents.

[0005] FIG. 1 is a left side view of a spa apparatus having a footrest-hose combination device according to one embodiment of the disclosure;

[0006] FIG. 2 is a partial right side view of a spa apparatus having a footrest-hose combination device, such as that shown in FIG. 1;

[0007] FIG. 3 is a front view of a footrest-hose combination device, such as that shown in FIG. 1;

[0008] FIG. 4 is a perspective view of a footrest-hose combination device, such as that shown in FIG. 1;

[0009] FIG. 5 is a partial left side view of a footrest-hose combination device, according to one embodiment of the disclosure; and

[0010] FIG. 6 is a front view of a footrest-hose combination device, such as that shown in FIG. 5.

DETAILED DESCRIPTION

[0011] Exemplary systems are first discussed with reference to the figures. Although these systems are described in detail, they are provided for purposes of illustration only and various modifications are feasible. After the exemplary systems are described, examples of the footrest-hose combination device are provided.

[0012] FIG. 1 is a left side view of a spa apparatus 100 having a footrest-hose combination device 115 according to one embodiment of the disclosure. The footrest-hose combination device 115 is mounted in front of the spa apparatus 100 adjacent to a basin 110 of the spa apparatus 100. The footrest-hose combination device 115 includes a footrest structure 120 that is attached to a mounting platform 405 (FIG. 4). A client generally rests her foot or feet on the footrest structure 120.

[0013] A hollow post 125 is attached to the mounting platform 405 and includes a button 135. The footrest structure 120 can be raised or lowered upon actuating the button 135. The hollow post 125 includes a hose mounting structure 140 that a hose fixture 130 can be mounted thereon. The button 135 protrudes out of the hollow post 125 and has a cylindrical shape. In general, the footrest-hose combination device 115 adjusts the extension of the footrest structure 120 and a hose fixture 130 that are coupled to the footrest-hose combination device 115. The footrest-hose combination device 115 is described further in connection to FIGS. 2-6.

[0014] FIG. 2 is a partial right side view of a spa apparatus 100 having a footrest-hose combination device 115, such as that shown in FIG. 1. In this example, the hollow post 125 houses a top post section 210 that extends in and out of the hollow post 125. The hollow post 125 and top post section 210 have hollow circular shapes. The cross-section of the top post section 210 is smaller than the cross-section of the hollow post 125 such that the top post section 210 can slide in and out of the hollow post 125. The top post section 210 is attached to the footrest structure 120 using the mounting platform 405 (FIG. 4).

[0015] Upon pressing the button 135, the top post section 210 is released from a position and can slide in and out of the hollow post 125. The button 135 locks the top post section 210 in position when the button 135 is not pressed. It should be noted that the hollow post 125 can be designed to have any geometric shape, such as, rectangular, square and any polygonal shapes.

[0016] The hollow post 125 also houses a hose structure 215 that extends in and out of the hollow post 125. In this example, the hollow post 125 includes a hose mounting structure 140 that includes a hole (not shown). The hose structure 215 is disposed inside the hollow post 125 through the hole of the hose mounting structure 140.

[0017] The hose structure 215 includes a hose fixture 130 and an elongated tube 205 that is attached to the hose fixture 130 at a proximal end of the elongated tube 205. A distal end (not shown) of the elongated tube 205 is attached to a water supply (not shown). The hole of the hose mounting structure 140 is wide enough to allow the tube 205 to slide therein but small enough to prevent the hose fixture 130 from sliding therein.

[0018] FIGS. 3 and 4 are more views of a footrest-hose combination device 115, such as that shown in FIG. 1. Referring to FIG. 4, the footrest-hose combination device 115 includes the mounting platform 405 that is used to attach the footrest structure 120 to the footrest-hose combination device 115. Below the mounting platform 405 includes a footrest adjustable mechanism that can tilt the footrest structure 120 towards or away from the basin 110 upon actuating a lever 410. The footrest-hose combination device 115 includes a bottom mounting structure 415 that attaches the footrest-hose combination device 115 to the spa apparatus 100.

[0019] FIG. 5 is a partial left side view of a footrest-hose combination device 515, according to one embodiment of the disclosure. In this example, the footrest-hose combination device 515 includes a hollow post 525 that has a rectangular
shape and a top post section 510 that includes two flat bars (FIG. 6). A hose mounting structure 540 of the hollow post 525 can also have a rectangular shape. The footrest-hose combination device 515 functions similarly as the footrest-hose combination device 115 shown in FIGS. 1-4, including, for example, the top post section 510 extending in and out of the hollow post 525, the footrest structure 120 being adjustable, and the hose structure 215 being extendable in and out of the hollow post 525.

FIG. 6 is a front view of a footrest-hose combination device 515, such as that shown in FIG. 5. The hollow post 525 includes a button 610 that is flush with the hollow post 125 and has a substantially rectangular shape. A user can press the button 610 to release the top post section 510, enabling the top post section 510 to slide in and out of the hollow post 525, similar to the footrest-hose combination device 115 described in relation to FIGS. 1-4.

This description has been presented for purposes of illustration and description. It is not intended to be exhaustive or to limit the disclosure to the precise forms disclosed. Obvious modifications or variations are possible in light of the above teachings. The embodiments discussed, however, were chosen to illustrate the principles of the disclosure, and its practical application.

The disclosure is thus intended to enable one of ordinary skill in the art to use the disclosure, in various embodiments and with various modifications, as are suited to the particular use contemplated. All such modifications and variation are within the scope of this disclosure, as determined by the appended claims when interpreted in accordance with the breadth to which they are fairly and legally entitled.

Therefore, having thus described the disclosure, at least the following is claimed:

1. A spa apparatus comprising:
   a basin;
   a footrest-hose combination device that is mounted on the basin structure in front of the spa apparatus, wherein the footrest-hose combination device adjusts the extension of a footrest structure and a hose fixture that are coupled to the footrest-hose combination device.
2. The spa apparatus as defined in claim 1, wherein the footrest-hose combination device includes a hollow post that houses a top post section and an elongated tube, both of which extend in and out of the hollow post.
3. The spa apparatus as defined in claim 2, wherein the hose fixture that is coupled to the elongated tube.
4. The spa apparatus as defined in claim 3, wherein the footrest-hose combination device includes a hose mounting structure that the hose fixture can be mounted thereon.
5. The spa apparatus as defined in claim 2, wherein the footrest structure is coupled to the top post section.
6. The spa apparatus as defined in claim 5, wherein the footrest-hose combination device includes a button that facilitates adjusting the extension of the top post section from the hollow post upon actuating the button.
7. The spa apparatus as defined in claim 5, wherein the footrest-hose combination device includes a footrest adjustable mechanism that can tilt the footrest structure towards or away from the basin.
8. The spa apparatus as defined in claim 1, wherein the footrest-hose combination device includes a mounting structure that attaches the footrest-hose combination device to the basin structure.
9. A footrest-hose combination device comprising:
   a hollow post that houses a top post section and an elongated tube that extends in and out of the hollow post;
   a footrest structure that is coupled to the top post section;
and
   a hose fixture that is coupled to the elongated tube, wherein the footrest structure and the hose fixture can be adjusted to extend in and out of the hollow post.
10. The footrest-hose combination device as defined in claim 9, further comprising a hose mounting structure that the hose fixture can be mounted thereon.
11. The footrest-hose combination device as defined in claim 9, wherein the hollow post includes a button that facilitates adjusting the extension of the top post section from the hollow post upon actuating the button.
12. The footrest-hose combination device as defined in claim 11, further comprising a footrest adjustable mechanism that is coupled to and can tilt the footrest structure upward and downward.
13. The footrest-hose combination device as defined in claim 9, further comprising a mounting structure that attaches the hollow post to a basin structure.
14. A spa apparatus comprising:
   a basin;
   a footrest-hose combination device that is mounted on the basin structure in front of the spa apparatus, wherein the footrest-hose combination device includes a hollow post that houses a portion of a footrest structure and a hose fixture.
15. The spa apparatus as defined in claim 14, wherein the hollow post houses a top post section and an elongated tube that extends in and out of the hollow post.
16. The spa apparatus as defined in claim 15, wherein the hose fixture that is coupled to the elongated tube.
17. The spa apparatus as defined in claim 16, wherein the footrest-hose combination device includes a hose mounting structure that the hose fixture can be mounted thereon.
18. The spa apparatus as defined in claim 15, wherein the footrest structure is coupled to the top post section.
19. The spa apparatus as defined in claim 18, wherein the footrest-hose combination device includes a button that facilitates adjusting the extension of the top post section from the hollow post upon actuating the button.
20. The spa apparatus as defined in claim 18, wherein the footrest-hose combination device includes a footrest adjustable mechanism that can tilt the footrest structure towards or away from the basin.

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