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(54) Title: COLD PLUNGE WATER GENERATION ASSEMBLY FOR A TUB ENCLOSURE WITH HEATING CAPABILITY

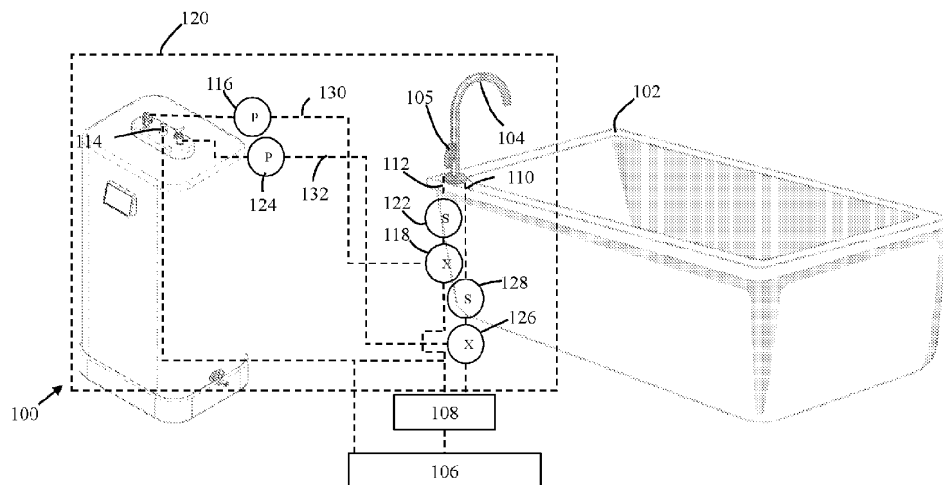


FIG. 1

(57) Abstract: A cold plunge water generation assembly for a tub enclosure that is capable of receiving water from an outside water source, chilling said water with an electric water cooling system to a temperature within a range of 33-45°F and delivering said chilled water to a cold water storage tank for storage. The assembly includes a cold water pump fluidly coupled to the cold water storage tank and an electric controller communicatively coupled to the cold water pump, the electric water colling system, and an electric display on the assembly, wherein the electric controller is operably configured to selectively initiate the water cooling system to chill incoming liquid for storage in the cold water storage tank and cause the cold water pump to induce a flow of the chilled liquid to the cold water supply conduit and out through the faucet coupled to the tub enclosure.

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