Claims

1. A liquid supply system for supplying liquid to one or more liquid dispensers, the system comprising:
    a. a water source for supply of water to the system;
    b. a first concentrate reservoir and a second concentrate reservoir for supply of concentrate to the system; and
    c. a liquid reservoir coupled to the water source, the first concentrate reservoir and the second concentrate reservoir, and configured to be coupled to one or more liquid dispensers;

    wherein the system is arranged such that supply of concentrate to the system can be from either the first concentrate reservoir or the second concentrate reservoir, and wherein, in use, the liquid reservoir is configured to supply liquid to the or each dispenser and is replenished via the water source and the first concentrate reservoir or the water source and the second concentrate reservoir.

2. The liquid supply system according to claim 1, wherein the liquid reservoir is fixed, directly or indirectly, to the water source; and/or wherein the liquid reservoir is configured to be fixed, directly or indirectly, to the or each liquid dispenser.

3. The liquid supply system according to claim 1 or 2, wherein the liquid reservoir is provided in a given location in which it is configured to supply the liquid to the or each liquid dispenser, and wherein the system is configured such that the liquid reservoir remains in said given location as it is replenished.

4. The liquid supply system according to any preceding claim, wherein the system comprises a sensor configured to detect a fill level condition of the liquid reservoir, and wherein the system is configured to replenish the liquid reservoir in response to feedback from the sensor.

5. The liquid supply system according to claim 4, wherein the sensor is configured to detect when the liquid reservoir is empty, when an amount of liquid in the liquid reservoir is below a predetermined minimum fill level, when the amount of liquid in the liquid reservoir has reached a predetermined maximum fill level, and/or when the liquid reservoir is full;
    optionally wherein the sensor is configured to detect when the liquid reservoir is empty or when the amount of liquid in the liquid reservoir is below a

predetermined minimum amount, and wherein the system is configured such that replenishing of the liquid reservoir via the water source and the first concentrate reservoir or the water source and the second concentrate reservoir is triggered when the sensor detects that the liquid reservoir is empty or when the amount of liquid in the liquid reservoir is below the predetermined minimum amount; optionally wherein the sensor is configured to detect when the liquid reservoir is full or when the amount of liquid in the liquid reservoir has reached the or a predetermined maximum amount, and wherein the system is configured such that replenishing of the liquid reservoir via the water source and the first concentrate reservoir or the water source and the second concentrate reservoir is stopped when the sensor detects that the liquid reservoir is full or when the amount of liquid in the liquid reservoir has reached the predetermined maximum amount.

6. The liquid supply system according to claim 4 or 5, wherein the sensor comprises a pressure sensor, a fill level switch and/or a float switch.

7. The liquid supply system according to any of claims 4 to 6, wherein the sensor comprises a plurality of sensors.

8. The liquid supply system according to any preceding claim, wherein the liquid reservoir comprises:
    a. at least one inlet, via which the liquid reservoir is replenished, and
    b. at least one outlet for supplying the liquid to the or each dispenser.

9. The liquid supply system according to claim 8, wherein the liquid reservoir comprises a single inlet coupled to the first concentrate reservoir, the second concentrate reservoir and the water source; optionally wherein the inlet of the liquid reservoir is coupled to the water source via a supply line, and wherein the first concentrate reservoir and the second concentrate reservoir are coupled to the supply line via a dosing mechanism, wherein the dosing mechanism is configured to supply an amount of concentrate from the respective concentrate reservoir to the supply line; optionally wherein the liquid reservoir is fixed, directly or indirectly, to the supply line.

10. The liquid supply system according to claim 9, wherein the dosing mechanism comprises a venturi element.

11. The liquid supply system according to claim 9, wherein the dosing mechanism comprises a rotary dosing pump.

12. The liquid supply system according to any of claims 9 to 11, wherein the supply line comprises a pump for controlling the flow through the supply line.

13. The liquid supply system according any preceding claim, wherein the system comprises a control mechanism configured to determine when the concentrate reservoir supplying the liquid reservoir becomes depleted, and to switch supply of concentrate to the other concentrate reservoir.

14. The liquid supply system according to any preceding claim, wherein the water source is a mains water supply.

15. The liquid supply system according to any preceding claim, wherein the liquid reservoir is collapsible or is of a rigid construction.

16. The liquid supply system according to any preceding claim, wherein the system is airtight.

17. The liquid supply system according to any preceding claim, wherein the system is configured to replenish the liquid reservoir via batch filling or continuous filling.

18. The liquid supply system according to any preceding claim wherein the system includes the one or more liquid dispensers coupled to the liquid reservoir.

19. The liquid supply system according to any preceding claim, for supplying the liquid to the one or more liquid dispensers, wherein the system comprises a hand soap, shampoo, hand sanitizer or lotion supply system and wherein the liquid comprises a hand soap, shampoo, hand sanitizer or lotion respectively.