WHAT IS CLAIMED IS:

1. A respiratory system configured to deliver high flow therapy or bubble CPAP therapy, wherein the respiratory system comprises:

a respiratory device that comprises a flow generator,

a humidifier in fluid communication with the flow generator,

a controller configured to control the flow generator,

an inspiratory conduit in fluid communication with the humidifier, and

wherein the respiratory device is changeable between a high flow therapy mode and a bubble CPAP therapy mode,

wherein in the high flow therapy mode the respiratory device is configured to provide high flow therapy and in the bubble CPAP therapy mode the respiratory device is configured to provide bubble CPAP therapy,

wherein a user can select the high flow therapy mode, or the bubble CPAP therapy mode.

2. The respiratory system of claim 1, wherein the high flow therapy is nasal high flow therapy.

3. The respiratory system of claim 1 or claim 2, wherein in the high flow therapy mode, the system comprises an unsealed patient interface coupled to the inspiratory conduit.

4. The respiratory system of claim 3, wherein the unsealed patient interface is a nasal cannula.

5. The respiratory system of claim 4, wherein the nasal cannula is positioned on the user’s face to provide gases to the nares of the user.

6. The respiratory system of any one of claims 1 to 5, wherein in the Bubble CPAP therapy mode, the system comprises a sealed patient interface coupled to the inspiratory conduit, and an expiratory conduit coupled to the sealed patient interface.

7. The respiratory system of claim 6, wherein the expiratory conduit is coupled to a pressure regulator to regulate pressure within the patient interface and/or the patient's airways.

8. The respiratory system of claim 7, wherein the pressure regulator comprises a chamber with a column of water, wherein the expiratory conduit is submerged into the column of water.

9. The respiratory system of claim 8, wherein the pressure provided to the user is defined or is set by the depth of the submersion of the expiratory conduit within the column of water.

10. The respiratory system of claim 8 or 9, wherein the controller is configured to detect bubbling of the pressure regulator.

11. The respiratory system of claim 10, wherein if the controller detects bubbling, the controller selects or switches to the bubble CPAP therapy mode.

12. The respiratory system of claim 10 or 11, wherein, if the controller detects bubbling, the controller automatically switches to the bubble CPAP therapy mode.

13. The respiratory system of any one of claims 10 to 12, wherein the controller is configured to detect bubbling by monitoring variation in a flow parameter signal.

14. The respiratory system of claim 13, wherein the flow parameter signal comprises a flow signal, a pressure signal, or a combination thereof.

15. The respiratory system of claim 13 or 14, wherein the variation in the flow parameter signal is a variation of a flow parameter signal amplitude from a threshold value.

16. The respiratory system of any one of claims 13 to 15, wherein the variation in the flow parameter signal is analyzed in a frequency domain.

17. The respiratory system of any one of claims 1 to 16, wherein the respiratory device comprises a housing, wherein the flow generator and the humidifier are integrated into the housing.

18. The respiratory system of claim 17, wherein the controller is positioned within the housing.

19. The respiratory system of any one of claims 1 to 18, wherein the humidifier comprises a heater plate and/or a humidification chamber.

20. The respiratory system of claim 19, wherein the heater plate is positioned within the housing.

21. The respiratory system of claim 19 or 20, wherein the heater plate is located in a chamber bay.

22. The respiratory system of any one of claims 19 to 21, wherein the humidification chamber is removably positioned on the heater plate.

23. The respiratory system of any one of claims 17 to 22, wherein the housing comprises a gases outlet, and the inspiratory conduit connectable to the outlet.

24. The respiratory system of any one of claims 1 to 23, wherein the inspiratory conduit can be used for the high flow therapy mode and the bubble CPAP therapy mode.

25. The respiratory system of any one of claims 1 to 24, wherein the controller comprises a high flow therapy control program associated with the high flow therapy mode.

26. The respiratory system of any one of claims 1 to 25, wherein the controller comprises a bubble CPAP therapy control program associated with the bubble CPAP therapy mode.

27. The respiratory system of claim 25 or 26, wherein the controller is configured to select and apply a program that corresponds to the selected mode of operation.

28. The respiratory system of any one of claims 25 to 27, wherein the high flow therapy control program and/or the bubble CPAP therapy control program define operating parameters.

29. The respiratory system of claim 28, wherein the operating parameters comprise at least one of:

- one or more motor speed or pressure limits,
- one or more alarm conditions,
- one or more temperature set points,
- one or more flow limits.

30. The respiratory system of claim 28 or 29, wherein the operating parameters comprise one or more humidity parameters defining a humidity level.

31. The respiratory system of claim 30, wherein the humidity level provided during the high flow mode may be greater than the humidity level provided during bubble CPAP therapy mode.

32. The respiratory system of any one of claims 1 to 31, wherein a high flow therapy mode kit for use with a/the respiratory device comprises one or more of: a non-sealing patient interface, a/the inspiratory conduit.

33. The respiratory system of claim 32, wherein the high flow therapy mode kit is used in the high flow therapy mode.

34. The respiratory system of any one of claims 1 to 33, wherein a bubble CPAP therapy mode kit for use with a/the respiratory device comprises one or more of: a sealing patient interface, a/the inspiratory conduit, a/the expiratory conduit, and/or a or the pressure regulator.

35. The respiratory system of claim 34, wherein the bubble CPAP therapy mode kit is used in the bubble CPAP therapy mode.