

CLAIMS

1. A headgear for a patient interface, the headgear comprising a plurality of textile panels, each panel having two opposed major faces,
5 wherein the headgear has at least one lapped region in which at least two of the plurality of textile panels respectively overlap and underlap each other, and at least one non-lapped region in which one or more of the plurality of textile panels is not lapped by another of the plurality of textile panels,
the plurality of textile panels define a rear portion for location at the rear of
10 the head of a patient, the plurality of textile panels comprise a first panel and a second panel, in a first non-lapped region the first panel is not lapped by the second panel, and the first non-lapped region of the headgear and has a concave edge and a convex edge, and
wherein at the or each at least one lapped region the textile panels are
15 bonded to each other.
2. The headgear of claim 1, wherein two of the plurality of textile panels comprise different materials, the different materials having one or more of a different texture, softness, stiffness or flexibility, stretch properties, density, thickness, colour, frictional coefficient in relation to a reference material,
20 breathability, or degree of transparency or sheer.
3. The headgear of claim 1 or 2, wherein the plurality of textile panels comprise at least one panel having a first extensibility and at least one panel having a second, relatively lesser, extensibility.
4. The headgear of claim 2, wherein the first panel and second panel
25 comprise different materials.
5. The headgear of claim 3, wherein the first panel has a first extensibility, and the second panel has a second, relatively lesser, extensibility.
6. The headgear of any one of claims 1 to 5, wherein the plurality of textile panels define at least two side straps for attachment to the patient interface.
- 30 7. The headgear of claim 6, wherein the plurality of textile panels define a crown strap.
8. The headgear of claim 7, wherein the rear portion transfers loads between the at least two side straps, and the rear portion comprises the second panel which laps a portion of a side strap panel of each of the at least two side
35 straps.
9. The headgear of claim 8, wherein the at least two side straps comprise two lateral sets of side straps, each set having an upper side strap and a

lower side strap, and the side strap panel of each of the sets of side straps comprises a unitary side strap panel.

10. The headgear of claim 9, wherein between the upper side strap and lower side strap of each set of side straps, the headgear comprises a second non-lapped region of one of the plurality of textile panels.

11. The headgear of any one of claims 6 to 10, wherein an extent of the rear portion to be located lowest on the rear of the head of a patient is comprised by the first non-lapped region of the headgear.

12. The headgear of any one of claims 1 to 11, wherein the concave edge of the first non-lapped region of the headgear defines a lower edge of the rear portion of the headgear in use.

13. The headgear of any one of claims 1 to 12, wherein the convex edge of the first non-lapped region of the headgear bounds an edge of the second panel.

14. The headgear of any one of claims 1 to 13, wherein the first lapped region of headgear includes at least one bonded region in which the first panel and second panel are bonded together and at least one non-bonded region in which the first panel and second panel are not bonded together.

15. The headgear of any one of claims 1 to 14, wherein at an upper edge of the headgear the headgear defines a third non-lapped region of one of the plurality of textile panels.

16. The headgear of any one of claims 1 to 15, wherein at least part of an edge of the headgear comprises an edge softening panel a) which defines at least part of an internal surface, relative to the head of a patient in use, of the headgear, b) a portion of which is lapped to an interior panel which is located away from the part of the edge of the headgear comprised by the edge softening panel, and c) which comprises a material that is thinner and/or softer than that of the interior panel to which it is lapped.