CLAIMS

1. **A rear portion for a headgear for a patient interface**, the rear portion comprising a first textile panel and a second textile panel, the first textile panel and the second textile panel defining a lapped region in which the first textile panel and the second textile panel respectively overlap and underlap each other and a non-lapped region in which the first textile panel is not lapped,

wherein, at the lapped region, adjacent surfaces of the first textile panel and the second textile panel are fused together.

2. The rear portion of claim 1, wherein the adjacent surfaces of the first textile panel and the second textile panel at the lapped region are fused directly to each other without any interposed material.

3. The rear portion of claim 1 or 2, wherein the lapped region comprises parts which are fused and parts which are non-fused.

4. The rear portion of any one of claims 1 to 3, wherein the lapped region comprises a transition zone between a part which is fused and a part which is non-fused, the transition zone defining a degree of fusion between that of the non-fused part and the fused part, and the transition zone comprises a gradient of degrees of fusion between that of the fused part and the non-fused part.

5. The rear portion of any one of claims 1 to 4, wherein the rear portion comprises different stretch properties at each of:

a) a fused part of the lapped region,

b) a non-fused part of the lapped region, and

c) the non-lapped region of the first textile panel.

6. The rear portion of any one of claims 1 to 5, wherein adjacent surfaces of the first textile panel and the second textile panel about a periphery of the lapped region are fused together.

7. The rear portion of any one of claims 1 to 6, wherein the second textile panel is fully lapped by the first textile panel, and the adjacent surfaces of the first textile panel and the second textile panel are fused together about a whole periphery of the second textile panel.

8. The rear portion of claim 7, wherein the periphery of the lapped region includes a border both sides of a perimeter of the lapped region.

9. The rear portion of claim 8, wherein the first textile panel and the second textile panel at the lapped region are continuously fused together across the lapped region between two or more points about the perimeter of the lapped region.

10. The rear portion of claim 1 or 2, wherein the first textile panel and the second textile panel are fused together at a substantial entirety of the lapped region.

11. The rear portion of any of claims 1 to 10, wherein the non-lapped region is provided at a lower periphery of the rear portion along one or more curved portions of the lapped region.

12. The rear portion of claim 11, wherein the non-lapped region at the lower periphery of the rear portion comprises a varying width.

13. The rear portion of claim 11 or 12, wherein the non-lapped region at the lower periphery of the rear portion comprises an edge with a radius of curvature less than that of an adjacent curved portion of the lapped region.

14. The rear portion of claim 13, wherein the non-lapped region at the lower periphery of the rear portion defines one or more crescent shapes.

15. The rear portion of any of claims 1 to 14, wherein the rear portion comprises a central section comprising laterally spaced strap connection portions, and

wherein the non-lapped region is a first non-lapped region and is located between the laterally spaced strap connection portions of the central section.

16. The rear portion of claim 15, wherein the rear portion comprises lateral sections either side of the central section, each lateral section comprising a strap connection portion at a lateral extent thereof, and

wherein the rear portion comprises a second non-lapped region located at a lateral peripheral edge of the rear portion between each strap connection portion of the lateral sections and a respective strap connection portion of the central section.