CLAIMS

1. A headgear for an interface, comprising:

   a rear loop,

   a lower side strap extending from the interface to the rear loop,

   a pivotable connection, the pivotable connection located between the lower side strap and the rear loop, or on the lower side strap, wherein the pivotable connection is configured to allow for lateral movement of the lower side strap.

2. The headgear of claim 1, wherein the rear loop comprises:
   a top strap configured to extend across a top of the user's head in use,
   a rear strap configured to extend across a back of the user's head in use.

3. The headgear of claim 1 or claim 2, wherein the headgear comprises an upper side strap extending from an interface to the top strap.

4. The headgear of claim 2 or claim 3, wherein movement and/or rotation of the rear strap in a direction away from the interface causes the headgear to enter the donning and doffing configuration.

5. The headgear of any one of claims 1 to 4, wherein movement and/or rotation of the top strap in a direction toward from the interface causes the headgear to enter the donning and doffing configuration.

6. The headgear of any one of claims 1 to 5, wherein positioning of the interface on a user's face causes the headgear to enter the use configuration.

7. The headgear of any one of claims 3 to 6, wherein positioning of the top strap across a top of the user's head, and/or the rear strap across a back of the user's head causes the headgear to enter the use configuration.

8. The headgear of any one of claims 2 to 7, wherein in the donning and doffing configuration the pair of lower side straps are located further apart than in the use configuration.

9. The headgear of any one of claims 1 to 8, wherein the pivotable connection is a bistable pivotable connection, having a first stable configuration where the headgear is in the use configuration, and a second stable configuration where the headgear is in the donning and doffing configuration.

10. The headgear of claim 9, wherein the headgear comprises an intermediate position, wherein the intermediate position is located between the first stable configuration and the second stable configuration.

11. The headgear of claim 10, wherein the intermediate position is an unstable configuration.

12. The headgear of claim 10 or claim 11, wherein in the intermediate position the distance between the lower side straps is larger than in the first stable configuration and/or the second stable configuration.

13. The headgear of any one of claims 1 to 12, wherein a pivotable connection axis of the pivotable connection is located in a direction substantially parallel to the upper side strap and/or the lower side strap.

14. The headgear of any one of claims 1 to 12 wherein a pivotable connection axis of the pivotable connection extends in a direction so as to bisect the lower side strap and the upper side strap.

15. The headgear of any one of claims 1 to 12, wherein the upper side strap and the lower side strap are substantially symmetrical about pivotable connection axis.

16. The headgear of any one of claims 1 to 15, wherein the lower side straps comprise at least one hinging arm, the hinging arm configured to extend behind an ear of the user in use.

17. The headgear of claim 16, wherein the hinging arm extends downwardly from the rear strap.

18. The headgear of claim 16 or claim 17, wherein the hinging arm comprises a preformed twist, wherein an end of the hinging arm located away from the pivotable connection is twisted inwardly.

19. The headgear of any one of claims 1 to 18, wherein the rear strap comprises a pivotable connection support.

20. The headgear of claim 19, wherein the pivotable connection support located, in use, between the user and the pivotable connection.

21. The headgear of claim 19 or claim 20, wherein the pivotable connection support providing an area to distribute load generated by hinging.

22. The headgear of any one of claims 1 to 21, wherein the pivotable connection is located behind a user's ear in use.

23. The headgear of any one of claims 1 to 22, wherein the headgear comprises a pair of upper side straps and a pair of lower side straps, each upper and lower side strap pair being located on each side of the headgear.

24. The headgear of claim 23, wherein the headgear comprises a pair of pivotable connections, each pivotable connection located between the upper side strap and lower side strap of each upper and lower side strap pair, or on the each lower side strap.

25. The headgear of claim 24, wherein in the donning and doffing configuration the pair of lower side straps are located closer to the upper side straps than in the use configuration.

26. The headgear of any one of claims 1 to 25, wherein the pivotable connection is located at a connection point between the lower side strap and the rear strap.

27. The headgear of any one of claims 1 to 26, wherein the pivotable connection is for provided by a hinge.

28. The headgear of any one of claims 1 to 27, wherein the pivotable connection is configured to allow for movement of the each lower side strap in a direction upward and downward.

29. The headgear of any one of claims 1 to 28, wherein the headgear operable between a first configuration being an in use configuration and a second configuration being a donning and doffing configuration by pivoting of the lower side strap about the pivotable connection.

~~30. A headgear for a respiratory mask, comprising:~~

~~two respective pairs of upper and lower side straps, each side strap for connection at a first end to the interface,~~

~~a top strap configured to extend across a top of the user's head in use,~~

~~a rear strap configured to extend across a back of the user's head in use,~~

~~wherein a portion of at least one of the lower side straps located towards the rear strap comprises a hinging arm, the hinging arm extending laterally of an elongate direction of the remainder of the lower side strap,~~

~~wherein the headgear comprises a pivotable connection between the hinging arm and the rear strap or top strap.~~

~~31. The headgear of claim 30, wherein the headgear is operable between the first configuration and second configuration by a hinging of the hinging arm at the pivotable connection.~~

32. The headgear of claim 30 or claim 31, wherein in the first configuration the headgear is configured for securing the interface to the head of a user and in the second condition the headgear is configured for donning or doffing by a user.

33. The headgear of any one of claim 1 or claim 32, wherein the lower side strap is of a fixed length.

34. A headgear for an interface, comprising:

a top strap configured to extend across a top of the user's head in use,

a rear strap configured to extend across a back of the user's head in use,

an upper side strap extending from an interface to the top strap,

a lower side strap extending from the interface to the rear strap,

the headgear being configurable into least a first configuration and a second configuration,

wherein in the first configuration the lower side strap, rear strap, and interface define a first cross-sectional area, and/or a first perimeter,

wherein in the second configuration the lower side strap, rear strap, and interface define a second cross-sectional area and/or a second perimeter,

wherein the first cross sectional area and/or the first perimeter is less than the second cross sectional area and/or the second perimeter.

35. A headgear for a respiratory mask, comprising:

a top strap configured to extend across a top of the user's head in use,

a rear strap configured to extend across a back of the user's head in use,

an upper side strap extending from an interface to the top strap,

a lower side strap extending from the interface to the rear strap,

the headgear being configurable into least a first configuration and a second configuration,

wherein in the first configuration the lower side straps, rear strap and interface define a first cross-sectional area and/or a first perimeter,

wherein in the second configuration the upper side straps, rear strap and interface define a second cross-sectional area and/or a second perimeter,

wherein the first cross sectional area and/or a first perimeter is less than the second cross sectional area and/or a second perimeter.

36. The headgear of claim 34 or claim 35, wherein in the second configuration an opening for the head of a user to the headgear is defined by the second cross sectional area.

37. The headgear of any one of claims 34 to 36, wherein the first configuration is a use configuration and the second configuration is a donning and doffing configuration

38. The headgear of any one of claims 34 to 37, wherein the headgear is configurable between the first configuration and the second configuration by hinging of each lower side strap about a pivotable connection.

39. The headgear of claim 34 or claim 38, wherein the first cross-sectional area and/or a first perimeter are measured from a bottom perspective of the headgear.

40. The headgear of claim 34 or claim 39, wherein the second cross-sectional area and/or a second perimeter are measured from a bottom perspective of the headgear.

41. A headgear for a respiratory mask, comprising:

a top strap configured to extend across a top of the user's head in use,

a rear strap configured to extend across a back of the user's head in use

an upper side strap extending from an interface to the top strap,

a lower side strap extending from the interface to the rear strap,

the headgear being configurable into least a first configuration where the headgear is to be worn by the user and a second configuration where the headgear is to be fitted to, or removed from, a user,

wherein in the first configuration the lower side strap is located inward from the upper side strap,

wherein in the second configuration the lower side strap is located outward from the upper side strap.

42. The headgear of claim 41, wherein the first configuration is a use configuration, and the second configuration is a donning and doffing configuration

43. The headgear of claim 41 or claim 42, wherein the headgear is configurable between the first configuration and the second configuration by hinging of each lower side strap about a pivotable connection.

44. A headgear for an interface, comprising:

a first strap, the first strap comprising:

a pair of upper side strap portions,

a rear strap portion,

a second strap, the second strap comprising:

a lower side strap portion,

a top strap portion,

wherein the first strap and second strap are connected at at least one connection location.

45. The headgear of claim 44, wherein the first strap is configured to overlap the second strap at the at least one connection location.

46. The headgear of claim 44 or claim 45, wherein the second strap is configured to overlap the first strap at the at least one connection location.

47. The headgear of any one of claims 44 to 46, wherein the headgear comprises a third strap, the third strap comprising:

a lower side strap portion,

a top strap portion.

48. The headgear of claim 47, wherein the first strap and third strap are connected at at least one connection location.

49. The headgear of claim 47 or claim 48, wherein the first strap is configured to overlap the third strap at the at least one connection location.

50. The headgear of any one of claims 47 to 49, wherein the third strap is configured to overlap the first strap at the at least one connection location.