CLAIMS

1. A connector (3200) comprising:

a first connector part (3201);

a second connector part (3203);

a detent (3205) for securing the first connector part and the second connector part together;

a slide (3209) moveable relative to the first connector part and/or the second connector part between:

a secured position in which the detent is substantially inhibited from moving and releasing the first connector part from the second connector part; and

a free position in which the detent is able to move to release the first connector part from the second connector part; and

a biasing means (3207) for urging the slide towards the secured position;

characterized in that

a) move away from each other as the slide moves towards the free position, or

b) move towards each other as the slide moves towards the free position.

2. The connector as claimed in claim 1, wherein the biasing means and detent are integrally formed together.

3. The connector as claimed in claim 1 or 2, wherein the detent comprises a resilient arm (3211) and the resilient arm is biased towards engagement with the first connector part.

4. The connector of any one of claims 1 - 3, wherein the detent comprises a pair of resilient arms, the pair of resilient arms spaced apart and biased towards each other, and biased towards engagement with the first connector part, and wherein the or each resilient arm comprises a protrusion (3215) for engagement with a complementary notch of the first connector part.

5. The connector of any one of claims 1 - 4, wherein the slide comprises a protrusion (3223) for engagement with the detent for substantially inhibiting movement and release of the first connector part from the second connector part.

6. The connector of any one of claims 1 - 5, wherein the slide comprises a stop (3227) for locating the slide and second connector part in the secured configuration.

7. The connector as claimed in any one of claims 1 - 6, wherein the slide comprises a sleeve.

8. The connector of any one of claims 1 - 7, wherein the first connector part comprises a plurality of notches (3213).

9. The connector as claimed in any one of claims 1 - 8, wherein the first connector part comprises a clip.

10. The connector of any one of claims 1 - 9, wherein the second connector part comprises a location feature (3229) for locating the biasing means and a guide feature (3233) for guiding the first connector part and the slide.

11. The connector of any one of claims 1 - 10, wherein the second connector part comprises a carrier for carrying the detent and/or biasing means, and optionally wherein the carrier is formed with a slot and a headstrap of a headgear has an opening, the slot and opening being arranged for receiving the first connector part.

12. The connector of any one of claims 1 - 11, wherein the first connector part is located on a patient interface, and attached or attachable to the second connector part is a headgear or a part of a headgear or system for securing the patient interface in place about a user's head.