WHAT IS CLAIMED IS:

~~1. A nasal mask comprising:~~

~~a seal body formed of a soft flexible material and defining an inner cavity and one or more delivery openings for supply of breathing gases from the inner cavity to the patient, the seal body comprising:~~

~~a first nostril prong; and~~

~~a second nostril prong;~~

~~wherein each of the first and second nostril prongs are non-conical and asymmetric.~~

~~2. A nasal mask comprising:~~

~~a seal body formed of a soft flexible material and defining an inner cavity and one or more delivery openings for supply of breathing gases from the inner cavity to the patient, the seal body comprising:~~

~~a breathing gas supply opening, for receiving breathing gas from a breathing gas source;~~

~~a first nostril prong having a first distal end connected to the seal body and a first proximal end defining a first outlet opening configured to direct breathing gas into a first nostril of a patient;~~

~~a first nares sealing surface connecting the first distal end of the first nostril prong to the seal body, the first nares sealing surface having a first medial side and a first lateral side;~~

~~a second nostril prong having a second distal end connected to the seal body and a second proximal end defining a second outlet opening configured to direct breathing gas into a second nostril of a patient, the first and second nostril prongs being spaced apart so as to accommodate a septum of a patient disposed between the first and second nostril prongs;~~

~~a second nares sealing surface connecting the second distal end of the second nostril prong to the seal body, the second nares sealing surface having a second medial side and a second lateral side, the first and second medial sides facing towards each other and the first and second lateral sides facing away from each other;~~

wherein each of the first and second nares sealing surfaces are non-conical and asymmetric, portions of the first and second medial sides extending substantially parallel to each other; portions of each of the first and second lateral sides extending away from each other and at an angle of at least forty-five degrees relative to the first and second medial sides, respectively.

3. A nasal mask comprising:

a breathing gas conduit connector;

a seal body formed of a soft flexible material and defining an inner cavity and a first supply opening for supply of breathing gases from the inner cavity to the patient, the seal body comprising:

a first nostril prong;

a second nostril prong;

a rolling portion connecting disposed in a sidewall portion of the seal body, the rolling portion including an upper portion configured to lie distal from an upper lip of a patient during use and a lower portion positioned to lie proximate to an upper lip of a patient during use, the upper portion being configured to provide less rolling resistance than the lower portion.

4. A nasal mask comprising:

a breathing gas conduit connector;

a seal body formed of a soft flexible material and defining an inner cavity and one or more delivery openings for supply of breathing gases from the inner cavity to the patient, the seal body comprising:

a first nostril prong having a first distal end connected to the seal body and a first proximal end defining a first outlet opening configured to direct breathing gas into a first nostril of a patient;

a first nares sealing surface connecting the first distal end of the first nostril prong to the seal body;

a second nostril prong having a second distal end connected to the seal body and a second proximal end defining a second outlet opening configured to direct breathing gas into a second nostril of a patient;

a second nares sealing surface connecting the second distal end of the second nostril prong to the seal body;

a breathing gas supply opening connected to the breathing gas conduit connector, for receiving breathing gas from a breathing gas source;

a sidewall portion extending from the first and second nares sealing surfaces toward the breathing gas supply opening, along one or more first radii of curvatures; and

a rolling portion connecting the sidewall portion to the breathing gas supply opening, the rolling portion extending along one or more second radii of curvatures that are less than the first radii of curvature, the rolling portion extending around the entire periphery of the breathing gas supply opening, the rolling portion including an upper portion configured to lie distal from an upper lip of a patient during use and a lower portion positioned to lie proximate to an upper lip of a patient during use, the upper portion being configured to provide less rolling resistance than the lower portion.

5. A nasal mask comprising:

a breathing gas conduit connector;

a seal body formed of a soft flexible material and defining an inner cavity and one or more delivery openings for supply of breathing gases from the inner cavity to the patient, the seal body comprising:

a first nostril prong;

a second nostril prong;

a breathing gas supply opening connected to the breathing gas conduit connector, for receiving breathing gas from a breathing gas source;

and

a sidewall portion extending in a first direction from the first and second nostril prongs toward the breathing gas supply opening along a

proximal side of the seal body, the side wall portion comprising a concave portion extending along a lateral direction transverse to the first direction.

6. A nasal mask comprising:

a breathing gas conduit connector;

a seal body formed of a soft flexible material and defining an inner cavity and one or more delivery openings for supply of breathing gases from the inner cavity to the patient, the seal body comprising:

a first nostril prong having a first distal end connected to the seal body and a first proximal end defining a first outlet opening configured to direct breathing gas into a first nostril of a patient;

a first nares sealing surface connecting the first distal end of the first nostril prong to the seal body;

a second nostril prong having a second distal end connected to the seal body and a second proximal end defining a second outlet opening configured to direct breathing gas into a second nostril of a patient;

a second nares sealing surface connecting the second distal end of the second nostril prong to the seal body;

a breathing gas supply opening connected to the breathing gas conduit connector, for receiving breathing gas from a breathing gas source; and

a sidewall portion extending in a first direction from the first and second nares sealing surfaces toward the breathing gas supply opening along a proximal side of the seal body, the side wall portion comprising a concave portion extending along a lateral direction transverse to the first direction, the concavity having a curvature approximating a convex curvature of an upper lip of a patient.

7. A nasal mask comprising:

a breathing gas conduit connector;

a seal body formed of a soft flexible material and defining an inner cavity and one or more delivery openings for supply of breathing gases from the inner cavity to the patient, the seal body comprising:

a first nostril prong including a first sealing surface;

a second nostril prong including a second sealing surface;

wherein portions of the first and second sealing surfaces are convex.

8. A nasal mask comprising:

a breathing gas conduit connector;

a seal body formed of a soft flexible material and defining an inner cavity and one or more delivery openings for supply of breathing gases from the inner cavity to the patient, the seal body comprising:

a first nostril prong having a first distal end connected to the seal body and a first proximal end defining a first outlet opening configured to direct breathing gas into a first nostril of a patient;

a first nares sealing surface connecting the first distal end of the first nostril prong to the seal body, the first nares sealing surface including a first medial portion and a first lateral portion;

a second nostril prong having a second distal end connected to the seal body and a second proximal end defining a second outlet opening configured to direct breathing gas into a second nostril of a patient;

a second nares sealing surface connecting the second distal end of the second nostril prong to the seal body, the second nares sealing surface including a second medial portion and a second lateral portion;

wherein the first and second lateral portions of the first and second nares sealing surfaces are convex.

9. A nasal seal comprising:

a seal body formed of a soft flexible material and defining an inner cavity and a supply opening for supply of breathing gases from the inner cavity to the patient, the seal body comprising:

a first nostril prong;

a second nostril prong;

a bellows portion disposed in a sidewall portion of the seal body, the bellows portion being located between the supply opening and the first

and second nostril prongs, wherein the bellows portion comprises an indentation that extends circumferentially around the seal body.

10. The nasal seal of Claim 9, wherein the indentation has a curved shape in cross-section.

11. The nasal seal of either of Claims 9 or 10, wherein the indentation extends around an entire circumference of the seal body.

12. The nasal seal of any one of Claims 9-11, wherein the seal body comprises a base and a sealing portion, wherein the base comprises the supply opening and the bellows portion and wherein the sealing portion comprises the first nostril prong and the second nostril prong, wherein a volume of a portion of the inner cavity defined by the base is less than a volume the a portion of the inner cavity defined by the sealing portion.

13. The nasal seal of Claim 12, wherein the volume of the portion of the inner cavity defined by the base is less than a volume a portion of the inner cavity defined by either half of the sealing portion that contains the first nostril prong or the second nostril prong.

14. The nasal seal of any one of Claims 9-13, wherein the sealing portion comprises a pair thickened regions, each associated with one of the first nostril prong and the second nostril prong.

15. A nasal seal comprising:

a seal body formed of a soft flexible material and defining an inner cavity and a supply opening for supply of breathing gases from the inner cavity to the patient, the seal body comprising:

a first nostril prong;

a second nostril prong;

a rolling section disposed in a sidewall portion of the seal body, the rolling section being located between the supply opening and the first and second nostril prongs, wherein the rolling section is configured to roll over on itself to reduce a distance between the supply opening and the first and/or second nostril prongs.

~~16. The nasal seal of Claim 15, wherein the rolling section further comprises a rib that extends in a circumferential direction of the seal body.~~

~~17. The nasal seal of Claim 16, wherein the rib extends only partially around a circumference of the seal body.~~

~~18. The nasal seal of Claim 17, wherein the rib defines a gap in the front of the seal body.~~

~~19.~~1. A nasal seal comprising:

a seal body formed of a soft flexible material and defining an inner cavity and a supply opening for supply of breathing gases from the inner cavity to the patient, the seal body comprising:

a first portion that comprises the supply opening;

a second portion that comprises a first nostril prong and a second nostril prong, and a thickened region extending across the front of the prongs;

a bellows structure located between the first portion and the second portion, wherein the bellows structure is configured to deform to vary a distance between the first portion and the second portion, and wherein the outer perimeter of the first portion is larger than the perimeter of the second portion;

wherein a total width of the first portion is at least about 90 percent of a total width of the second portion.

~~20.~~2. The nasal seal of Claim ~~19~~1, wherein the total width of the first portion is at least about 95% of the total width of the second portion.

~~21.~~3. The nasal seal of Claim ~~19~~2, wherein the total width of the first portion is at least about 97.5% of the total width of the second portion.

~~22.~~4. The nasal seal of Claim ~~19~~1, wherein the total width of the first portion is greater than the total width of the second portion.

~~23.~~5. The nasal seal of any one of Claims ~~19~~1-~~22~~4, wherein the first nostril prong defines a first opening and the second nostril prong defines a second opening, wherein each

of the first opening and the second opening comprises a major axis, wherein each of the first opening and the second opening are asymmetric about the major axis.

~~24.~~6. The nasal seal of Claim ~~23~~5, wherein each of the first opening and the second opening comprise a minor axis, wherein an inner portion of the minor axis is smaller than an outer portion of the minor axis.

~~25.~~7. The nasal seal of Claim ~~24~~6, wherein a ratio of the inner portion to the outer portion of the minor axis is about 6:7.

~~26.~~8. The nasal seal of any one of Claims ~~19~~1-~~25~~7, wherein the supply opening is wider than the total width of the second portion.

~~27.~~9. The nasal seal of any one of Claims ~~19~~1-~~26~~8, further comprising a clip that is constructed from a material that is more rigid than a material of the seal body and is configured to connect the seal to a frame, wherein the clip is attached to the seal body and extends around the supply opening, wherein the seal body further comprises a rib that contacts the clip.

~~28.~~10. The nasal seal of Claim ~~27~~9, wherein the rib extends outwardly away from the inner cavity.

~~29.~~11. The nasal seal of Claim ~~27~~9, wherein the rib extends inwardly toward the inner cavity.

~~30.~~12. The nasal seal of any one of Claims ~~19~~1-~~26~~8, further comprising a clip that is constructed from a material that is more rigid than a material of the seal body and is configured to connect the seal to a frame, wherein the clip defines a male connection portion configured to engage a female connection portion of the frame.

~~31.~~13. The nasal seal of Claim ~~30~~12, wherein the clip comprises a bias flow vent.

~~32.~~14. The nasal seal of any one of Claims ~~19~~1-~~31~~13, further comprising support features that extend from each lower outer corner of the seal body and are configured to contact an upper lip of a user in use.

~~33.~~15. The nasal seal of any one of Claims ~~19~~1-~~32~~14, wherein a wall thickness of the first portion is different than a wall thickness of the second portion.

~~34.~~16. The nasal seal of Claim ~~33~~15, wherein a wall thickness of the first and second nostril prongs is different than a wall thickness of a region of the second portion that connects the first and second nostril prongs, and/or wherein a wall thickness of the bellows structure is equal to the wall thickness of the first portion.

~~35. The nasal seal of Claim 33, wherein a wall thickness of the bellows structure is equal to the wall thickness of the first portion.~~

~~36.~~17. The nasal seal of Claim ~~35~~16, wherein

(a) the wall thickness of the first portion and the bellows structure is between 0.7 mm and 1.0 mm, or is about 0.85mm, and/or~~.~~

~~37. The nasal seal of any one of Claims 34-36, wherein~~(b) the wall thickness of the first and second nostril prongs is between 0.9 mm and 1.1 mm, or is about 1.0 mm, and/or~~.~~

~~38. The nasal seal of any one of Claims 34-37, wherein~~(c) the wall thickness of the region of the second portion that connects the first and second nostril prongs is between 0.7 mm and 0.8 mm, or is about 0.75 mm.