CLAIMS

1. A soft toric contact lens comprising:

a first surface;

a second surface disposed opposite the first surface, wherein the second surface is configured to abut at least a portion of an eye of a wearer;

a first lens stabilization zone disposed adjacent the first surface;

a second lens stabilization zone disposed adjacent the first surface, wherein the second lens stabilization zone includes a sagittal plane and a tangential plane,

wherein contours of the first and second lens stabilization zones are configured to minimize a recovery time for the lens to orient to a resting position from a misaligned position;

wherein the first and second stabilization zones are disposed at least partially within active regions of the lens based on an eyelid profile; and

wherein the eyelid profile comprises a Cartesian coordinate system by a second order polynomial of the form $a0 + a1.x + a2.x^2$, where:

a0 represents a superior/inferior palpebral aperture that is a first distance between a pupil center to an edge of an upper/lower eyelid of an eyelid in primary gaze;

a1 is a slope of the eyelid at the location of the superior/inferior palpebral aperture and a2 is a curvature at that same location; and

x is a second distance along a horizontal direction of the Cartesian coordinate system with an origin at the pupil center.

2. The lens of claim 1, wherein the lens has a generally round shape.

3. The lens of claim 1, wherein the lens has a non-round shape.

4. The lens of claim 1, wherein at least a contour of the second lens stabilization zone is configured to minimize a recovery time for the lens to orient to a resting position from a misaligned position due to interaction with at least one eyelid of the wearer.

5. The lens of claim 1, wherein the first and the second lens stabilization zones are symmetrical with respect to the sagittal plane.

6. The lens of claim 1, wherein the first and the second lens stabilization zones are symmetrical with respect to the tangential plane.

7. The lens of claim 1, wherein the first and the second lens stabilization zones are symmetrical with respect to the sagittal plane and the tangential plane.

8. The lens of claim 1, wherein the first and the second lens stabilization zones are not symmetrical with respect to the sagittal plane.

9. The lens of claim 1, wherein the first and the second lens stabilization zones are not symmetrical with respect to the tangential plane.

10. The lens of claim 1, wherein the first and the second lens stabilization zones are not symmetrical with respect to the sagittal plane and the tangential plane.

11. The lens of claim 1, wherein the eyelid profile is customized based on an individual eye shape of a target wearer.

12. The lens of claim 1, wherein the eyelid profile is based on a plurality of sample eyes.

13. The lens of claim 1, wherein the recovery time is below 2 minutes for a misalignment of 45 degrees.

14. The lens of claim 1, wherein the misaligned position is greater than 5 degrees measured angularly from a horizontal axis.

15. The lens of claim 1, wherein the misaligned position is greater than 10 degrees measured angularly from a horizontal axis.

16. A method of making the lens of claim 1.