WHAT IS CLAIMED IS:

1. An ophthalmic device, the device comprising:

contact lenses, each contact lens including an optic zone, a peripheral zone surrounding the optic zone, a front curve surface and a back curve surface; and

at least one discrete thinned region in the peripheral zone configured to increase oxygen transmissibility in the discrete thinned region and an area surrounding the discrete thinned region, the at least one discrete thinned region covers from about five percent to about seventy-five percent of the surface area of the peripheral zone, has a depth of between five and three-hundred microns.

2. The ophthalmic device according to Claim 1, wherein the contact lenses comprise multiple discrete thinned regions.

3. The ophthalmic device according to Claim 2, wherein the multiple discrete thinned regions are positioned around the contact lenses.

4. The ophthalmic device according to Claim 2, wherein the multiple discrete thinned regions comprise dimples.

5. The ophthalmic device according to Claim 4, wherein the dimples comprise a circular cross-sectional shape.

6. The ophthalmic device according to Claim 4, wherein the dimples comprise a recessed and /or filleted cross-sectional shape.

7. The ophthalmic device according to Claim 4, wherein the dimples comprise an aspheric cross-sectional shape.

8. The ophthalmic device according to Claim 1, wherein the optic zone

is configured to provide a single vision correction.

9. The ophthalmic device according to Claim 1, wherein the optic zone is configured to provide astigmatic correction.

10. The ophthalmic device according to Claim 1, wherein the optic zone is configured to provide presbyopic correction.

11. The ophthalmic device according to Claim 1, wherein the optic zone is configured to provide custom vision correction.

12. The ophthalmic device according to Claim 1, wherein the device is configured to provide a cosmetic effect.

CLAIMS:

1. An ophthalmic device comprising:

contact lenses, each contact lens including an optic zone, a peripheral zone surrounding the optic zone, a front curve surface and a back curve surface; and

multiple discrete thinned regions in the form of dimples in the peripheral zone configured to increase oxygen transmissibility in the discrete thinned region and an area surrounding the discrete thinned region, the at least one discrete thinned region covering from 5% to 75% of the surface area of the peripheral zone, and having a depth of between 5 and 300 μm.

2. The device according to Claim 1, wherein the multiple discrete thinned regions are positioned around the contact lenses.

3. The device according to Claim 1, wherein the dimples comprise:

a) a circular cross-sectional shape;
b) a recessed and /or filleted cross-sectional shape; or
c) an aspheric cross-sectional shape.

4. The device according to Claim 1, wherein the optic zone is configured to provide:

a) a single vision correction;
b) astigmatic correction;
c) presbyopic correction; or
d) custom vision correction.

5. The device according to Claim 1, wherein the device is configured to provide a cosmetic effect.