WHAT IS CLAIMED IS:

1. A mold for a front curve of a contact lens, comprising:

an inner region defining a front surface or curve of the contact lens and having a non-rotationally symmetric shape;

an outer region having a rotationally symmetric shape and which does not form a part of the contact lens; and

a continuous middle region between the inner region and the outer region,

wherein a first portion of the middle region is in contact with the inner region, defining a non-rotationally symmetric rim or edge of a front surface or curve of the contact lens,

wherein the first portion of the middle region defines a rim or edge that is continuous and non-planar;

wherein a second portion of the middle region is in contact with the outer region and is rotationally symmetrical.

2. The mold according to Claim 1, wherein the inner region has a concave shape.

3. The mold according to Claim 1, wherein the cross-section of the middle region has a two-dimensional shape.

4. The mold according to Claim 1, wherein the cross-section of the middle region is defined by a line, a curve, a polynomial, or a combination of multiple curves.

5. The mold according to Claim 1, wherein the first portion of the middle region defines a rim or edge that is circular.

6. The mold according to Claim 1, wherein the first portion of the middle region defines a rim or edge is non-circular.

7. The mold according to Claim 1, wherein the contact lens comprises a soft contact lens.

8. The mold according to Claim 1, wherein the outer region has a flat shape.