

What is claimed is:

1. An intraocular lens, comprising:
an optical lens section made of a foldable first material and configured to be folded in half such that first and second portions of the optical lens section face one another; and
a support arm section formed so as to protrude outward from an outer peripheral edge of the optical lens section for holding the optical lens section in an eye, the support arm section including an outer surface and a thickness, a base end side portion formed from the first material and a tip end part, wherein the base end side portion and the tip end part meet on the outer surface at a boundary that extends completely through the thickness of the support arm section, the first material is not located radially outward of the boundary, the tip end part is made of a second material which is harder than the first material, the second material is not located radially inward of the boundary; and
wherein the support arm section is configured such that the tip end part may be positioned between the first and second portions of the optical lens section when the optical lens section is folded in half.

2. The soft intraocular lens according to claim 1, wherein the boundary is provided outside of a circle having radius of 5 mm, with a center of the optical lens section as a center.

3. The soft intraocular lens according to claim 1, wherein the second material is plastic mainly composed of PMMA (polymethyl methacrylate-acrylic resin).

4. The soft intraocular lens according to claim 1, wherein a narrowest portion of a width of the support arm section is 0.2 mm or more.

5. The soft intraocular lens according to claim 2, wherein the second material is plastic mainly composed of PMMA (polymethyl methacrylate-acrylic resin).

6. The soft intraocular lens according to claim 2, wherein a narrowest portion of a width of the support arm section is 0.2 mm or more.

7. The soft intraocular lens according to claim 3, wherein a narrowest portion of a width of the support arm section is 0.2 mm or more.

8. An intraocular lens, comprising:
an optic formed from a foldable first material and including an outer peripheral edge and defining an optic center; and
an open loop haptic defining a base end that abuts the optic outer peripheral edge, a tip end opposite the base end and a curvilinear centerline that extends from the base end to the tip end, and including a first portion that extends from the base end toward tip end and terminates at a boundary that is entirely located a single radial distance R that extends in a radial direction from the optic center and defines an arcuate boundary length and a second portion that extends from the boundary to the tip end, wherein the haptic is formed solely from the first material from the base end to the boundary and is formed solely from a second material that is harder than the first material from the boundary to the tip end and the second material defines a width extending from the boundary in the radial direction that varies in magnitude along the arcuate boundary length.

9. An intraocular lens as claimed in claim 8, wherein the haptic defines a haptic length that extends from the base end to the tip end; and
the first portion of the haptic occupies more of the haptic length than the second portion of the haptic.

10. An intraocular lens as claimed in claim 8, wherein the boundary is at least 5 mm from the optic center.

11. An intraocular lens as claimed in claim 8, wherein the second material is a plastic.

12. An intraocular lens as claimed in claim 8, wherein the haptic defines a haptic length that extends from the base end to the tip end; and the haptic defines a width that is at least 0.2 mm over the haptic length.

13. An intraocular lens, comprising:
an optic formed from a foldable first material and including an optic center and an outer peripheral edge; and
a haptic defining a base end that abuts the optic outer peripheral edge, a tip end opposite the base end, a curvilinear centerline that extends from the base end to the tip end in such a manner that a point on the centerline at the tip end is rotationally offset about the optic center from a point on the centerline at the base end, a front surface, a back surface, a thickness that extends from the front surface to the back surface, and including a first portion that extends from the base end toward tip end formed solely from the first material and a second portion that extends from the tip end toward the base end formed solely from a second material that is harder than the first material, the first and second portions of the haptic having respective ends that meet at a boundary that is located between the first and second portions, extends through the haptic and is where the first material meets the second material on the exterior surface, the thickness of the end of the first portion of the haptic being equal to the thickness of the end of the second portion of the haptic.

14. An intraocular lens as claimed in claim 13, wherein the haptic defines a haptic length that extends from the base end to the tip end; and the first portion of the haptic occupies more of the haptic length than the second portion of the haptic.

15. An intraocular lens as claimed in claim 13, wherein the optic defines a center; and the boundary is at least 5 mm from the optic center.

16. An intraocular lens as claimed in claim 13, wherein the second material is a plastic.

17. An intraocular lens as claimed in claim 13, wherein the haptic defines a haptic length that extends from the base end to the tip end; and the haptic width is at least 0.2 mm over the haptic length.

18. The soft intraocular lens according to claim 1, wherein the support arm section comprises an open loop haptic.

19. An intraocular lens as claimed in claim 13, wherein the haptic comprises an open loop haptic.

20. The intraocular lens according to claim 1, wherein the first material is colorless and transparent or pale-colored and transparent, and the second material is made of a colored material with higher visibility than the visibility of the first material.

21. The intraocular lens according to claim 2, wherein the first material is colorless and transparent or pale-colored and transparent, and the second material is made of a colored material with higher visibility than the visibility of the first material.

22. The intraocular lens according to claim 20, wherein the second material is plastic mainly composed of PMMA (polymethyl methacrylate-acrylic resin).

23. The intraocular lens according to claim 20, wherein a narrowest portion of a width of the support arm section is 0.2mm or more.

24. An intraocular lens as claimed in claim 8, wherein the first material is transparent and has a first visibility; and the second material is a colored and has a second visibility that is greater than the first visibility.

25. An intraocular lens as claimed in claim 8, wherein the first material has a first adhesiveness; and the second material has a second adhesiveness that is less than the first adhesiveness.

26. An intraocular lens as claimed in claim 13, wherein the first material is transparent and has a first visibility; and the second material is a colored and has a second visibility that is greater than the first visibility.

27. An intraocular lens as claimed in claim 13, wherein the first material has a first adhesiveness; and the second material has a second adhesiveness that is less than the first adhesiveness.