

WHAT IS CLAIMED IS:

1. An eye enhancement contact lens, the eye enhancement contact lens comprising a curved polymeric lens having at least one printed layer of a pattern that
5 visually changes the cosmetic appearance of the iris and limbus of an eye to an observer, wherein the pattern contains a special effect pigment in sufficient concentration to render the pattern less visible to an observer when positioned over the sclera, because of placement or normal lens movement on eye and iris size, than the same pattern that is free of special effect pigments, thereby providing a
10 more natural appearance.
2. The eye enhancement contact lens of claim 1, wherein the pattern is a substantially annular arrangement.
3. The eye enhancement contact lens of claim 1 or claim 2, wherein the special effect pigment comprises muscovite mica, synthetic fluorphlogopite, synthetic
15 aluminum oxides, borosilicates, calcium aluminum borosilicates, silicon dioxide platelets, metal oxide coated muscovite mica, metal oxide coated synthetic fluorphlogopite, metal oxide coated synthetic aluminum oxides, metal oxide coated borosilicates, metal coated calcium aluminum borosilicates, metal oxide coated silicon dioxide platelets and combinations thereof.
- 20 4. The eye enhancement contact lens of any of claims 1-3, further comprising a colorant of which the pattern is made.
5. The eye enhancement contact lens of claim 4, wherein the colorant comprises metal oxide pigments, organic dyes, cholesteric liquid crystals, and combinations thereof.
- 25 6. The eye enhancement contact lens of claim 5, wherein the metal oxide pigments comprise iron oxide, chromium oxide, titanium dioxide, and combinations thereof.

7. The eye enhancement contact lens of claim 5, wherein the organic dyes comprise phthalocyanine blue, phthalocyanine green, carbazole violet, vat orange 1, and combinations thereof.
8. The eye enhancement contact lens of any of claims 1-7, wherein the special
5 effect pigment varies in concentration within the pattern.
9. The eye enhancement contact lens of claim 8, wherein the special effect pigment is more concentrated in an outermost periphery of the pattern.
10. The eye enhancement contact lens of claim 9, wherein the outermost periphery represents about 1% to about 40% of the annular width of the pattern.
- 10 11. The eye enhancement contact lens of claim 10, wherein the outermost periphery represents about 5% to about 30% of the annular width of the pattern.
12. The eye enhancement contact lens of any of claims 1-11, wherein the opacity of the cosmetic pattern exhibits an opacity less than or equal to 30 percent; less than or equal to 25 percent; less than or equal to 20 percent; less than or equal to 15
15 percent; less than or equal to 10 percent; or less than or equal to 5 percent.
13. An ink for making an eye enhancement contact lens, the ink comprising:
a) a special effect pigment; and
b) a solvent.
14. The ink of claim 13, wherein the special effect pigment comprises muscovite
20 mica, synthetic fluorphlogopite, synthetic aluminum oxides, borosilicates, calcium aluminum borosilicates, silicon dioxide platelets, metal oxide coated muscovite mica, metal oxide coated synthetic fluorphlogopite, metal oxide coated synthetic aluminum oxides, metal oxide coated borosilicates, metal coated calcium aluminum borosilicates, metal oxide coated silicon dioxide platelets and combinations thereof.
- 25 15. The ink of claim 13 or claim 14, wherein the special effect pigment concentration is between 0.01 weight percent and 50 weight percent.

16. The ink of claim 15, wherein the special effect pigment concentration is between 0.5 weight percent and 40 weight percent.
17. The ink of claim 16, wherein the special effect pigment concentration is between 5 weight percent and 30 weight percent.
- 5 18. The ink of any of claims 13-17, further comprising a colorant.
19. The ink of claim 18, wherein the colorant comprises metal oxide pigments, organic dyes, and combinations thereof.
20. The ink of claim 19, wherein the metal oxide pigments comprise iron oxide, chromium oxide, titanium dioxide, and combinations thereof.
- 10 21. The ink of claim 19, wherein the organic dyes comprise phthalocyanine blue, phthalocyanine green, carbazole violet, vat orange 1, and combinations thereof.
22. The ink of any of claims 18-21, wherein the colorant concentration is between 0.01 weight percent and 27 weight percent.
23. The ink of claim 22, wherein the colorant concentration is between 0.1 weight
15 percent and 10 weight percent.
24. The ink of claim 23, wherein the colorant concentration is between 0.1 weight percent and 5 weight percent.
25. An eye enhancement contact lens made from the ink of any of claims 13-24.
26. An eye enhancement contact lens of any of claims 1-12, 25, wherein the eye
20 enhancement contact lens is round.
27. An eye enhancement contact lens of any of claims 1-12, 25, wherein the eye enhancement contact lens is non-round.