



## Apparatus For Augmenting Human Vision

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### The Invention

The functional effect of having additional color-sensing cone types in the human eye is implemented by an encoding of some spectral information differently for the left and right eyes. This different encoding for identical features seen by the left and right eyes is interpreted as a perceptively different feature by the human brain, allowing additional spectral information to be conveyed through the limited tristimulus sensitivity of the human eye.

### Additional Information

#### For More Information About the Inventors

- [Mikhail Kats](#)

#### Tech Fields

- [Analytical Instrumentation, Methods & Materials : Optics](#)
- [Engineering : General engineering technologies](#)

For current licensing status, please contact Emily Bauer at [emily@warf.org](mailto:emily@warf.org) or 608-960-9842