Ultraviolet-Blocking Lenses Protect, Enhance Vision

**Jet Propulsion Laboratory**

*Eagle Eyes Optics*  
*Calabasas, California*

**Originating Technology/NASA Contribution**
- JPL scientists invented a welding curtain to protect against eye-damaging light wavelengths found in space and produced by laser and welding work.
- The curtain employed a light filtering/vision enhancing system developed through studying the eyes of birds of prey.

**Partnership**
- SunTiger Inc.—now Eagle Eyes Optics—licensed the technology for use in sunglasses.
- Eagle Eyes sunglasses shield eyes from harmful ultraviolet, violet, and blue light.
- The eyewear was inducted into the Space Technology Hall of Fame.

**Product Outcome**
- The technology protects against damage that can lead to cataracts, which affect millions in the United States alone.
- Eagle Eyes donated 150 pairs to children in Alaska, where the Sun’s reflection off the snow results in a higher incidence of cataracts.