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**Blum et al.**

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(54) **ELECTRO-ACTIVE OPHTHALMIC LENS  
HAVING AN OPTICAL POWER BLENDING  
REGION**

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Aug. 20, 2010, now Pat. No. 8,047,651, which is a  
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May 19, 2008, now Pat. No. 8,029,134, which is a  
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24, 2006, now Pat. No. 7,475,985, which is a  
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Mar. 28, 2005, now Pat. No. 7,188,948, which is a  
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(60) Provisional application No. 60/142,053, filed on Jul. 2,  
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See application file for complete search history.

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(57) **ABSTRACT**

A spectacle lens is disclosed. The disclosed lens provides a  
vision correcting area for the correction of a wearer's refrac-  
tive error. The viewing correction area provides Correction  
for non-conventional refractive error to provide at least a part  
of the Wearer's vision correction. The lens has a prescription  
based on a wave front analysis of the wearer's eye and the lens  
can further be modified to fit within an eyeglass frame.

**18 Claims, 18 Drawing Sheets**

