Identification and Control of Myopic Progression Using Distortion

Title: Identification and Control of Myopic Progression Using Distortion

Invention: This technology is a method and system to measure eye distortion due to myopia. The system is used to develop novel lenses and therapies to correct and/or stop the distortion’s progression in patients.

Background: Current solutions for measuring one’s eye distortion do not consistently work for individuals, allowing instead the progression of myopia to continue and become more severe. The technology presented here provides a solution for measuring and assessing early onset myopia with the goal of stopping its progression.

Applications:

- Myopia
- Ophthalmology diagnostic devices

Advantages:

- Measures the distortion of one’s eye
- Determines the progression of myopia
- Assists in preventing the progression of myopia

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