Docket #: S15-099

Modular smartphone adapters for mobile ophthalmoscopy

Applications

- Mobile eye examinations.

Advantages

- This system provides improvements over 13-195 by enabling increased user friendliness and universality of fit to phones, and accessibility by providing low cost lenses, as well as additional examination features including the possbility of both direct and indirect ophthalmoscopy.

Publications

- K.Y. Lai, et al Assessment of Eye Disease and Visual Impairment in the Nursing Home Population Using Mobile Health Technology *Ophthalmic Surgery, Lasers and Imaging Retina* 2020;51:262-270.
- S. Collon… Utility and Feasibility of Teleophthalmology Using a Smartphone-Based Ophthalmic Camera in Screening Camps in Nepal *Asia-Pacific Journal of Ophthalmology* Feb 2020.

Patents

- Published Application: WO2016154558
- Published Application: 20180116509
- Published Application: 20200281465
- Issued: 10,561,315 (USA)

- Issued: 11,484,201 (USA)

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