

MOBILE METHOD FOR OCULAR IMAGING

Tech ID: 22484 / UC Case 2012-111-0

PATENT STATUS

Country	Type	Number	Dated	Case
United States Of America	Issued Patent	10,542,885	01/28/2020	2012-111

BRIEF DESCRIPTION

This invention is a portable retinal imaging device that images the fundus of the eye by coupling an ocular imaging device with a mobile device. It features ocular lenses, filters, a fixation display, and a light source for preview and image capture, with application programming on the mobile device controlling gaze and stitching images for a wider field of view.

SUGGESTED USES

- » Imaging the fundus of the eye
- » Capturing retinal images with a mobile device
- » Guiding subject gaze during retinal imaging

ADVANTAGES

- » Portable
- » Uses a mobile device for imaging
- » Provides a larger field of view through image stitching

RELATED MATERIALS

CONTACT

Laleh Shayesteh
lalehs@berkeley.edu
tel: 510-642-4537.



INVENTORS

- » Fletcher, Daniel A.
- » Maamari, Robi N.
- » Margolis, Todd
- » Switz, Neil A.

OTHER INFORMATION

KEYWORDS

ocular, eye, retina

CATEGORIZED AS

- » Computer
- » Software
- » Imaging
- » Medical
- » Medical
- » Devices
- » Imaging
- » Sensors & Instrumentation
- » Medical

RELATED CASES

2012-111-0

ADDITIONAL TECHNOLOGIES BY THESE INVENTORS

- Cas13a RNP with Split gRNA for miRNA Detection
- Photocleavable Interfering Guide RNAs



University of California, Berkeley Office of Technology Licensing

2150 Shattuck Avenue, Suite 510, Berkeley, CA 94704

Tel: 510.643.7201 | Fax: 510.642.4566

<https://ipira.berkeley.edu/> | otl-feedback@lists.berkeley.edu

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