



US009510750B2

(12) **United States Patent**
Saito

(10) **Patent No.:** **US 9,510,750 B2**
(45) **Date of Patent:** **Dec. 6, 2016**

(54) **FUNDUS IMAGING APPARATUS, METHOD OF CONTROLLING FUNDUS IMAGING APPARATUS, AND STORAGE MEDIUM**

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(*) Notice: Subject to any disclaimer, the term of this patent is extended or adjusted under 35 U.S.C. 154(b) by 0 days.

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(21) Appl. No.: **14/849,628**

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(22) Filed: **Sep. 10, 2015**

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(65) **Prior Publication Data**

US 2015/0374229 A1 Dec. 31, 2015

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Related U.S. Application Data

(63) Continuation of application No. 14/112,968, filed as application No. PCT/JP2012/061306 on Apr. 20, 2012, now abandoned.

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(30) **Foreign Application Priority Data**

Apr. 27, 2011 (JP) 2011-100136

(57) **ABSTRACT**

(51) **Int. Cl.**
A61B 3/14 (2006.01)
A61B 3/10 (2006.01)
A61B 3/12 (2006.01)

A fundus imaging apparatus comprising: position detection means for detecting a position of a pupil of an eye to be examined; wavefront detection means for detecting a wavefront of return light from the eye irradiated with light through an illumination optical system; correction means for correcting an aberration based on the detected wavefront; and determination means for determining a correction effective region of the correction means based on the detected position.

(52) **U.S. Cl.**
CPC **A61B 3/1015** (2013.01); **A61B 3/12** (2013.01); **A61B 3/14** (2013.01)

(58) **Field of Classification Search**
CPC A61B 3/1015; A61B 3/112
USPC 351/206-210, 221
See application file for complete search history.

13 Claims, 7 Drawing Sheets

