

US009097860B2

US 9,097,860 B2

Aug. 4, 2015

# (12) United States Patent Yu et al.

### et al. (45) Date of Patent:

### (54) LENS ASSEMBLY

(71) Applicant: **ABILITY OPTO-ELECTRONICS TECHNOLOGY CO., LTD.,** Taichung

(TW)

(72) Inventors: **Hung-Kuo Yu**, Taichung (TW);

Chao-Hsiang Yang, Taichung (TW)

(73) Assignee: Ability Opto-Electronics Technology

Co., LTD., Taichung (TW)

(\*) Notice: Subject to any disclaimer, the term of this patent is extended or adjusted under 35

U.S.C. 154(b) by 0 days.

(21) Appl. No.: 14/141,665

(22) Filed: Dec. 27, 2013

(65) Prior Publication Data

US 2015/0062724 A1 Mar. 5, 2015

### (30) Foreign Application Priority Data

Sep. 2, 2013 (TW) ...... 102131525

(51)	Int. Cl.	
	G02B 3/02	(2006.01)
	G02B 9/34	(2006.01)
	G02B 13/00	(2006.01)
	G02B 13/04	(2006.01)

(52) U.S. Cl.

(58) Field of Classification Search

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(10) **Patent No.:** 

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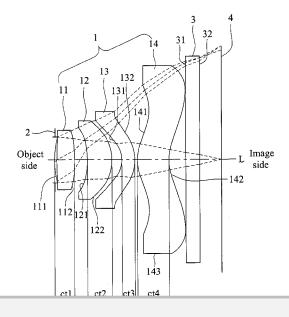
<sup>\*</sup> cited by examiner

Primary Examiner — James Jones (74) Attorney, Agent, or Firm — LeClairRyan

### (57) ABSTRACT

A lens assembly includes a lens set which includes a first lens, a second lens, a third lens and a fourth lens arranged in sequence along an optical axis. The first lens has a positive optical power. The second lens has a positive optical power. The third lens has a negative optical power. The fourth lens has a positive optical power, and has an image-side surface, an object-side surface, and a peripheral surface interconnecting the two. At least one of the object-side and image-side surfaces has an inflection point located between the optical axis and the peripheral surface. The lens assembly satisfies 15<HFOV/f<50, in which, HFOV represents one half of a maximum angle of view of the lens assembly, and f represents a focal length thereof.

### 7 Claims, 9 Drawing Sheets





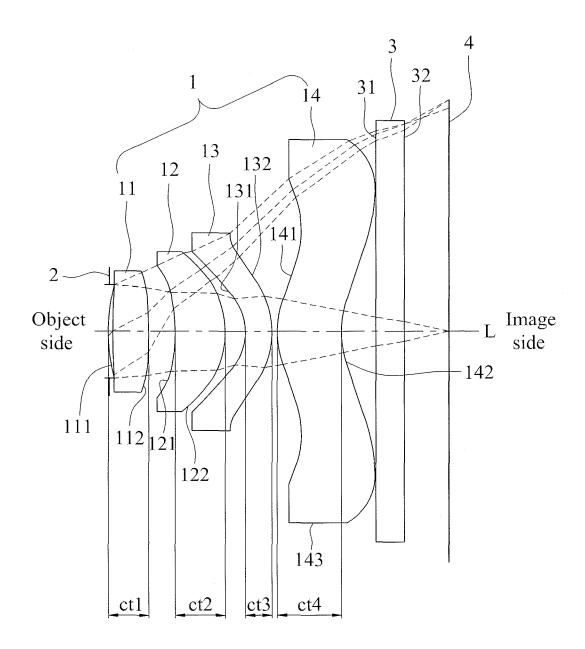
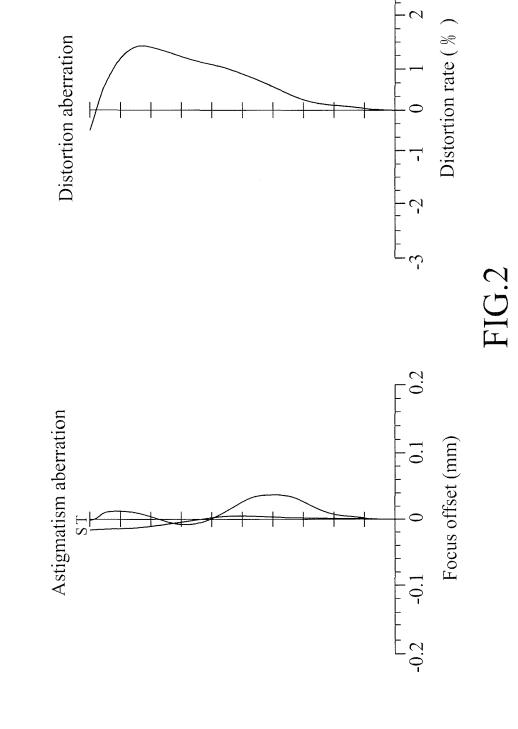


FIG.1







Spherical aberration

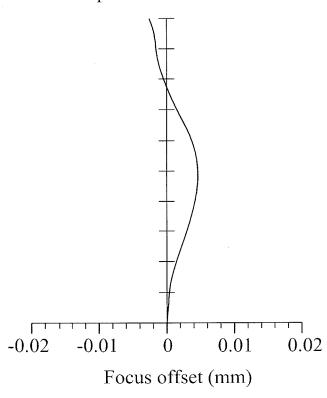


FIG.3

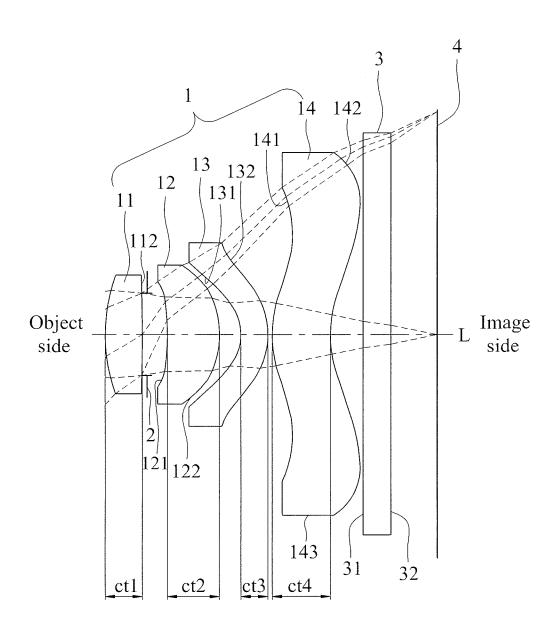


FIG.4

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