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- (72) Inventor; and
- (71) Applicant : LIPTON, Lenny [US/US]; 8642 Allenwood Road, Los Angeles, CA 90046 (US).
- (74) Agent: SMYRSKI, Steven, W.; Smyrski Law Group, A P.C., 3310 Airport Avenue, SW, Santa Monica, CA 90405 (US).
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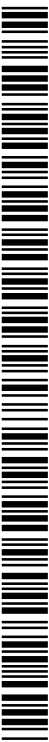
HR, HU, ID, IL, IN, IS, JP, KE, KG, KM, KN, KP, KR, KZ, LA, LC, LK, LR, LS, LT, LU, LY, MA, MD, ME, MG, MK, MN, MW, MX, MY, MZ, NA, NG, NI, NO, NZ, OM, PE, PG, PH, PL, PT, QA, RO, RS, RU, RW, SC, SD, SE, SG, SK, SL, SM, ST, SV, SY, TH, TJ, TM, TN, TR, TT, TZ, UA, UG, US, UZ, VC, VN, ZA, ZM, ZW.

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(54) Title: STEREOSCOPIC CAMERA WITH POLARIZING APERTURES

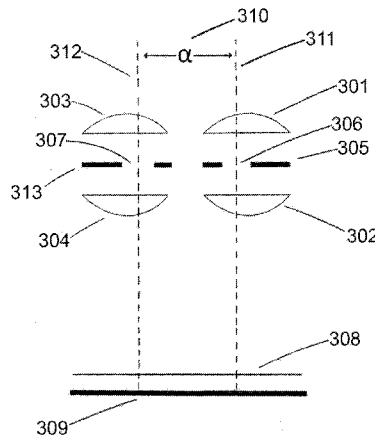


FIG. 3

(57) Abstract: A new technology using polarizing apertures for imaging both left and right perspective views onto a single sensor is presented. The polarizing apertures can be used to image each perspective view onto one or more sensors. Polarizing apertures within a single lens or within two lenses may be employed. The apertures' areas may be changed to control exposure and the design allows for interaxial separations to be varied to the reduced values required for stereoscopic cinematography.

A. CLASSIFICATION OF SUBJECT MATTER**G03B 35/00(2006.01)i**

According to International Patent Classification (IPC) or to both national classification and IPC

B. FIELDS SEARCHED

Minimum documentation searched (classification system followed by classification symbols)

G03B 35/00; G02B 27/22; H04N 5/335; H04N 5/228; G02B 21/22

Documentation searched other than minimum documentation to the extent that such documents are included in the fields searched

Korean utility models and applications for utility models

Japanese utility models and applications for utility models

Electronic data base consulted during the international search (name of data base and, where practicable, search terms used)

eKOMPASS(KIPO internal) & Keywords: stereoscopic camera, interaxial separation, adjust, patterned polarizer, polarizing aperture separation, lens

C. DOCUMENTS CONSIDERED TO BE RELEVANT

Category*	Citation of document, with indication, where appropriate, of the relevant passages	Relevant to claim No.
Y A	US 2002-0008907 A1 (YAMAMOTO) 24 January 2002 See abstract, paragraphs [0094]-[0095] and figures 1-2.	19 1-18,20
Y A	US 2009-0278954 A1 (KANAMORI et al.) 12 November 2009 See abstract, paragraphs [0091]-[0092] and figures 1-2.	19 1-18,20
A	US 2001-0040724 A1 (COSTALES) 15 November 2001 See abstract, paragraphs [0080]-[0082] and figures 6, 7, 11A, 11B.	1-20
A	US 2002-0141057 A1 (WEISSMAN et al.) 03 October 2002 See abstract, paragraph [0037] and figures 1, 5-6.	1-20

 Further documents are listed in the continuation of Box C. See patent family annex.

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INTERNATIONAL SEARCH REPORT

Information on patent family members

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