



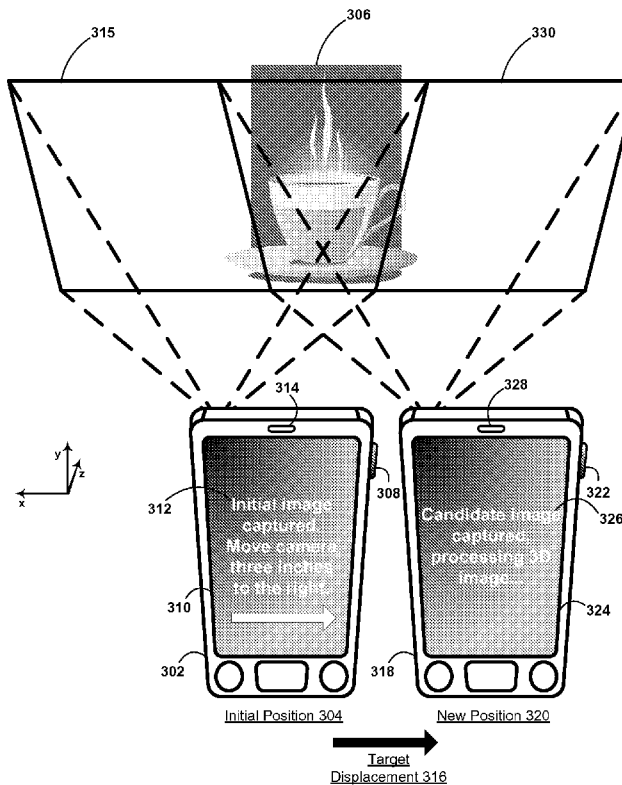
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(54) Title: METHOD AND SYSTEM FOR AUTOMATIC 3-D IMAGE CREATION



(57) Abstract: Disclosed herein are methods, devices, and non-transitory computer readable media that relate to stereoscopic image creation. A camera captures an initial image at an initial position. A target displacement from the initial position is determined for a desired stereoscopic effect, and an instruction is provided that specifies a direction in which to move the camera from the initial position. While the camera is in motion, an estimated displacement from the initial position is calculated. When the estimated displacement corresponds to the target displacement, the camera automatically captures a candidate image. An acceptability analysis is performed to determine whether the candidate image has acceptable image quality and acceptable similarity to the initial image. If the candidate image passes the acceptability analysis, a stereoscopic image is created based on the initial and candidate images.

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A. CLASSIFICATION OF SUBJECT MATTER
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ADD.
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)
H04N
Documentation searched other than minimum documentation to the extent that such documents are included in the fields searched

Electronic data base consulted during the international search (name of data base and, where practicable, search terms used)
EPO-Internal, WPI Data

C. DOCUMENTS CONSIDERED TO BE RELEVANT

Category*	Citation of document, with indication, where appropriate, of the relevant passages	Relevant to claim No.
X	US 2012/002019 A1 (HASHIMOTO TAKASHI [JP]) 5 January 2012 (2012-01-05) paragraphs [0065] - [0067], [0089] - [0115]; figures 1-8 -----	1-30
X	US 2011/255775 A1 (MCNAMER MICHAEL [US] ET AL) 20 October 2011 (2011-10-20) paragraphs [0141], [0144] - [0147], [0151] - [0160]; figures 1,4,19-22 -----	1-30
A	US 2011/157017 A1 (WEBB JONATHAN [GB] ET AL) 30 June 2011 (2011-06-30) paragraphs [0076] - [0085]; figure 10 -----	1-30
A	US 2011/193941 A1 (INABA SEIJIRO [JP] ET AL) 11 August 2011 (2011-08-11) paragraphs [0194] - [0294]; figures 10-15 -----	1-30

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Date of the actual completion of the international search 8 August 2013	Date of mailing of the international search report 14/08/2013
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Name and mailing address of the ISA/ European Patent Office, P.B. 5818 Patentlaan 2 NL - 2280 HV Rijswijk Tel. (+31-70) 340-2040, Fax: (+31-70) 340-3016	Authorized officer Schinnerl, Arnold
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INTERNATIONAL SEARCH REPORT

Information on patent family members

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Patent document cited in search report	Publication date	Patent family member(s)	Publication date
US 2012002019	A1	05-01-2012	NONE
US 2011255775	A1	20-10-2011	NONE
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