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Declarations under Rule 4.17:

[Continued on next page]

(54) Title: WHITE BALANCE ADJUSTMENT FOR SCENES WITH VARYING ILLUMINATION

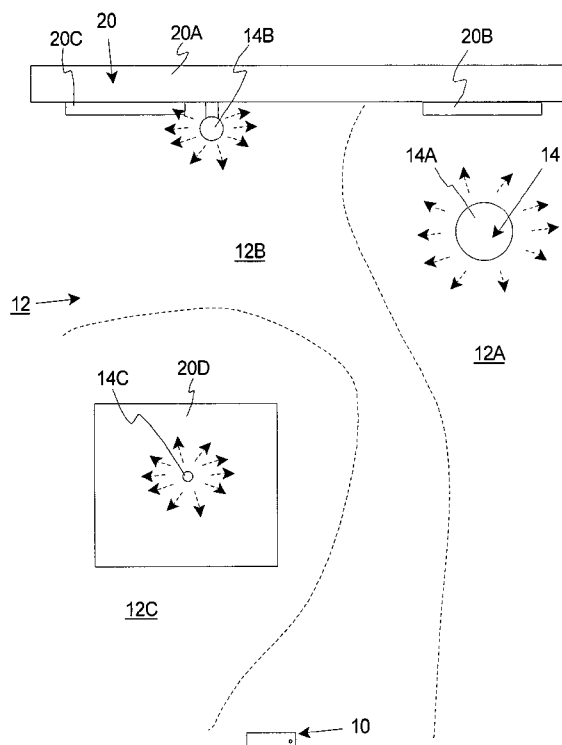


Fig. 1

(57) Abstract: An image apparatus (10) for providing an adjusted image (218) of a scene (12) includes a capturing system (226) and a control system (232). The capturing system (226) captures a captured image (316) of the scene (12). The control system (232) evaluates the captured image (316) and determines if the scene (12) is illuminated by more than one illuminant (14). With this design, the image apparatus (10) is particularly suited to capture scenes (12) that are illuminated by multiple illuminants (14). The control system (232) can evaluate the captured image (316) and estimate which portion of the captured image (316) was toned by a first illuminant (14A) and which portion of the captured image (316) was toned by the second illuminant (14B). Further, the control system (232) can evaluate the captured image (316) to estimate the characteristics of the first illuminant (14A) and the second illuminant (14B).



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INTERNATIONAL SEARCH REPORT

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A. CLASSIFICATION OF SUBJECT MATTER

IPC(8) - G03B 7/00 (2008.01)

USPC - 396/213

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)

IPC(8) - G03B 7/00 (2008.01)

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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)

Database: USPTO PubWEST System (US, USPG-PUB, EPO, DERWENT)

C. DOCUMENTS CONSIDERED TO BE RELEVANT

Category*	Citation of document, with indication, where appropriate, of the relevant passages	Relevant to claim No.
X	US 2007/0230940 A1 (TAKITA) 04 October 2007 (04.10.2007) entire document	1-23
A	US 7,286,703 B2 (KAKU) 23 October 2007 (23.10.2007) entire document	1-23
A	US 7,146,041 B2 (TAKAHASHI) 05 December 2006 (05.12.06) entire document	1-23

☐ Further documents are listed in the continuation of Box C.

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