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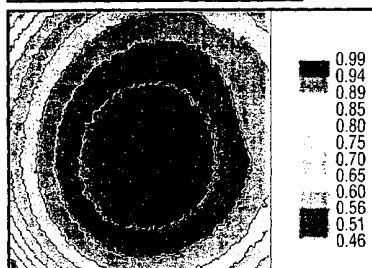
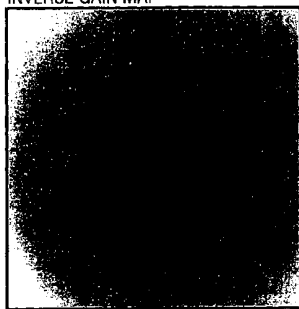
— with international search report

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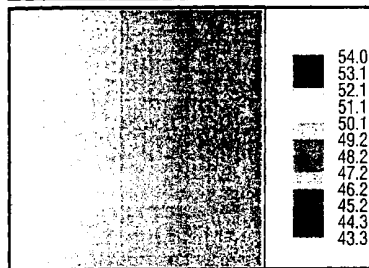
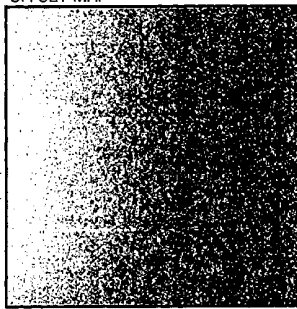
(54) Title: **FLAT-FIELD PANEL FLATTENING, AND PANEL CONNECTING METHODS**

FLAT-FIELD CALIBRATION:
548nm EX, 595nm EM

INVERSE GAIN MAP



OFFSET MAP



(57) Abstract: A plurality of panels are assembled into a single image. Each of the panels may have different intensities throughout the panel, as well as non-uniformities between panels. The panels are modified using flat-field calibration, panel flattening, and panel connecting techniques. These techniques correct for non-uniformities and provide a cleaner, single image.

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— before the expiration of the time limit for amending the claims and to be republished in the event of receipt of amendments

For two-letter codes and other abbreviations, refer to the "Guidance Notes on Codes and Abbreviations" appearing at the beginning of each regular issue of the PCT Gazette.

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International Application No

PCT/US 01/02639

A. CLASSIFICATION OF SUBJECT MATTER
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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 7 G06T

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 practical, search terms used)

WPI Data, EPO-Internal, INSPEC, PAJ

C. DOCUMENTS CONSIDERED TO BE RELEVANT

Category *	Citation of document, with indication, where appropriate, of the relevant passages	Relevant to claim No.
Y	US 5 974 113 A (LUIJENDIJK JOHANNES A ET AL) 26 October 1999 (1999-10-26) abstract column 2, line 24 -column 3, line 21 column 4, line 5 - line 16 ----	1-14
Y	WO 98 02844 A (SARNOFF CORP) 22 January 1998 (1998-01-22) abstract page 17, line 33 -page 18, line 11 ----	1-14
P,X	US 6 101 238 A (MURTHY SREERAMA K ET AL) 8 August 2000 (2000-08-08) abstract column 10, line 35 - line 45 ----- -/--	15-17

☒ Further documents are listed in the continuation of box C.

☒ Patent family members are listed in annex.

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X document of particular relevance; the claimed invention cannot be considered novel or cannot be considered to involve an inventive step when the document is taken alone

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Date of the actual completion of the international search

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C.(Continuation) DOCUMENTS CONSIDERED TO BE RELEVANT

Category °	Citation of document, with indication, where appropriate, of the relevant passages	Relevant to claim No.
A	US 5 875 258 A (HAYENGA JON W ET AL) 23 February 1999 (1999-02-23) abstract column 2, line 26 - line 33 column 46, line 36 - line 55 ---	1-14
P,A	US 6 111 596 A (HASKELL BARIN GEOFFRY ET AL) 29 August 2000 (2000-08-29) abstract column 1, line 11 - line 15 column 6, line 52 - line 65 -----	1-14

INTERNATIONAL SEARCH REPORT

information on patent family members

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