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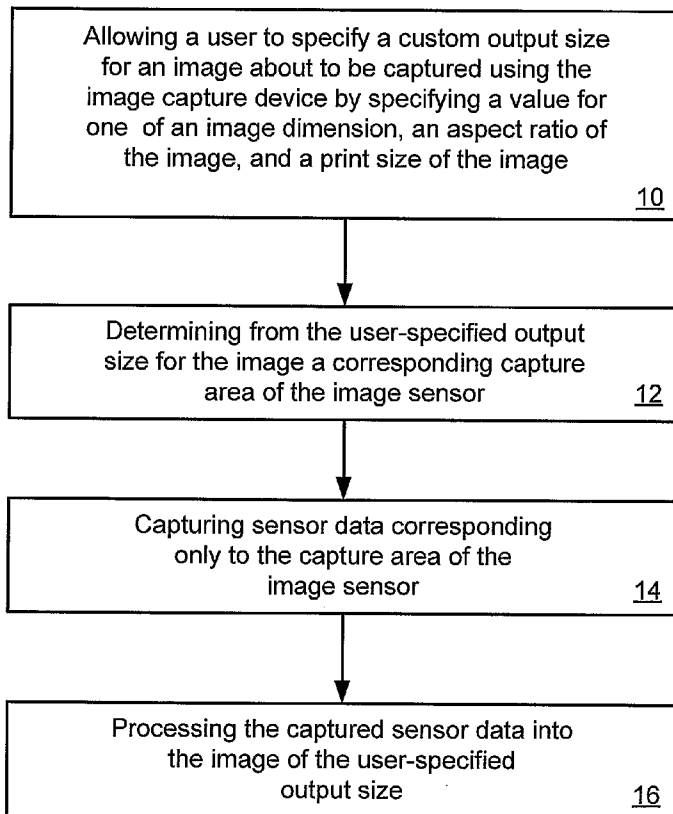
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[Continued on next page]

(54) Title: USER ESTABLISHED VARIABLE IMAGE SIZES FOR A DIGITAL IMAGE CAPTURE DEVICE



(57) Abstract: Methods and apparatus for allowing a user to establish variable image sizes in a digital image capture device having an image sensor are described. Aspects of the present invention include allowing the user to specify a custom output size for an image about to be captured using the image capture device by specifying a value for one of an image dimension, an aspect ratio of the image, and a print size of the image; determining from the user-specified output size for the image a corresponding capture area of the image sensor; capturing sensor data corresponding only to the capture area of the image sensor; and processing the captured sensor data into the image of the user-specified output size.

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<p>A. CLASSIFICATION OF SUBJECT MATTER IPC(8) - H04N 5/228 (2007.01) USPC - 348/222.1 According to International Patent Classification (IPC) or to both national classification and IPC</p>														
<p>B. FIELDS SEARCHED</p> <p>Minimum documentation searched (classification system followed by classification symbols) IPC(8) - H04N 5/228 (2007.01) USPC - 348/222.1</p> <p>Documentation searched other than minimum documentation to the extent that such documents are included in the fields searched 348/E5.047; 348/E5.055</p> <p>Electronic data base consulted during the international search (name of data base and, where practicable, search terms used) PubWEST (USPT, PGPB, EPAB, JPAB); DIALOG PRO (Engineering) & Google; charge coupled device (CCD), image sensor, sensor data, capture area, output size for an image, variable image sizes, digital image capture, digitizing, image data, image dimension, image resolution, aspect ratio, (H x W) pixel-dimensions, pixel data, pixel</p>														
<p>C. DOCUMENTS CONSIDERED TO BE RELEVANT</p> <table border="1"> <thead> <tr> <th>Category*</th> <th>Citation of document, with indication, where appropriate, of the relevant passages</th> <th>Relevant to claim No.</th> </tr> </thead> <tbody> <tr> <td>Y</td> <td>US 6,650,366 B2 (PARULSKI et al.) 18 November 2003 (18.11.2003), entire document, especially Abstract, and Figs. 1-7.</td> <td>1-37</td> </tr> <tr> <td>Y</td> <td>US 2003/0052988 A1 (KUROSAWA) 20 March 2003 (20.03.2003) entire document, especially Abstract, Fig. 4 and Para [024].</td> <td>1-37</td> </tr> <tr> <td>Y</td> <td>US 2004/0257458 A1 (HUANG et al.) 23 December 2004 (23.12.2004) entire document, especially Abstract and Figs. 3A and 3B.</td> <td>1-37</td> </tr> </tbody> </table>			Category*	Citation of document, with indication, where appropriate, of the relevant passages	Relevant to claim No.	Y	US 6,650,366 B2 (PARULSKI et al.) 18 November 2003 (18.11.2003), entire document, especially Abstract, and Figs. 1-7.	1-37	Y	US 2003/0052988 A1 (KUROSAWA) 20 March 2003 (20.03.2003) entire document, especially Abstract, Fig. 4 and Para [024].	1-37	Y	US 2004/0257458 A1 (HUANG et al.) 23 December 2004 (23.12.2004) entire document, especially Abstract and Figs. 3A and 3B.	1-37
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<p>Name and mailing address of the ISA/US Mail Stop PCT, Attn: ISA/US, Commissioner for Patents P.O. Box 1450, Alexandria, Virginia 22313-1450 Facsimile No. 571-273-3201</p>		<p>Authorized officer: Lee W. Young</p> <p>PCT Helpdesk: 571-272-4300 PCT OSP: 571-272-7774</p>												