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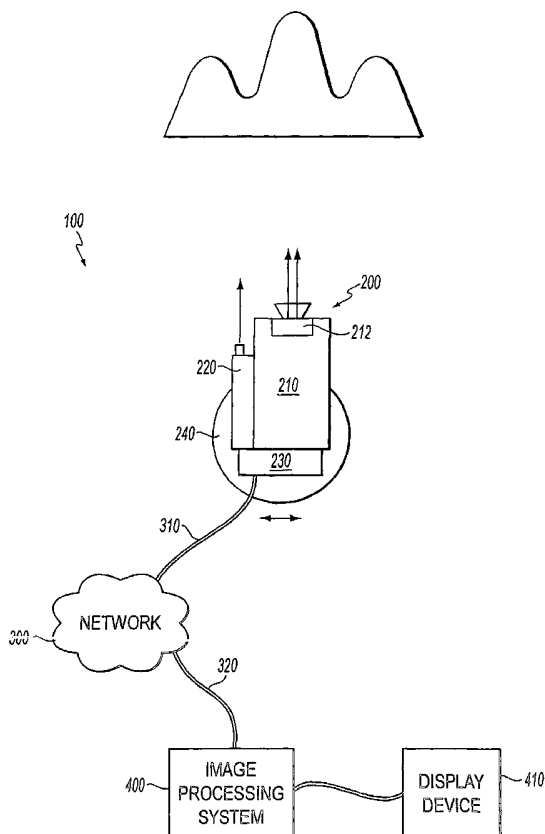
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[Continued on next page]

(54) Title: APPARATUS AND METHODS OF GENERATION OF TEXTURES WITH DEPTH BUFFERS

(57) Abstract: A three dimensional (3-D) image is generated from a plurality of portions of an image of an object, each captured portion of the image is based on a scan width of an image capture device. A range finding device obtains at least one range data value for each captured portion of the image as at least one corresponding position in each captured portions of the image, and a base to which the image capture device and the range finding device are mounted moves in increments based on the scan width of the image capture device.



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INTERNATIONAL SEARCH REPORT

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A. CLASSIFICATION OF SUBJECT MATTER
IPC 7 G01S17/89 G06T17/00

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 G01S G01C

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)

EPO-Internal, WPI Data, PAJ

C. DOCUMENTS CONSIDERED TO BE RELEVANT

Category °	Citation of document, with indication, where appropriate, of the relevant passages	Relevant to claim No.
X	US 6 172 754 B1 (NIEBUHR ERIK) 9 January 2001 (2001-01-09) abstract column 2, line 58 -column 5, line 5 figures 1,2 ---	1-17
X A	US 5 988 862 A (BRUNKHART MARK ET AL) 23 November 1999 (1999-11-23) abstract column 3, line 25 -column 11, line 55 column 15, line 2 -column 17, line 60 figures 1,2,3A ---	11-17 1-10
X A	WO 98 40762 A (VIRTEK VISION CORP) 17 September 1998 (1998-09-17) abstract page 3, line 15 -page 6, line 23 -----	11-17 1-10

Further documents are listed in the continuation of box C.

Patent family members are listed in annex.

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