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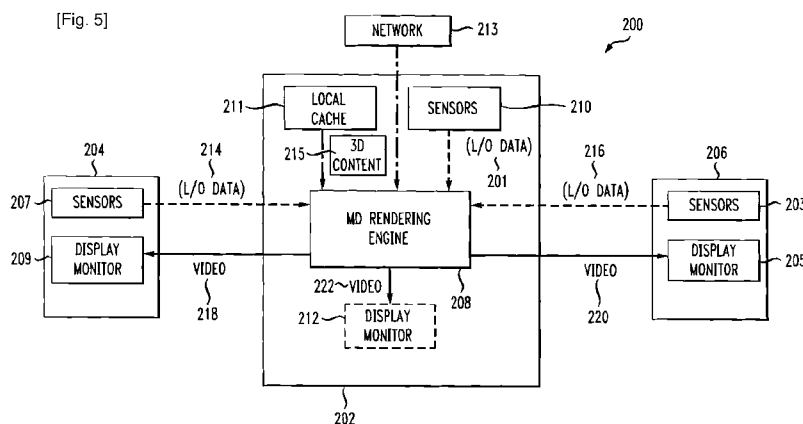
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(54) Title: SPATIALLY CORRELATED RENDERING OF THREE-DIMENSIONAL CONTENT ON DISPLAY COMPONENTS HAVING ARBITRARY POSITIONS



(57) Abstract: Two or more display components (205, 209, 212) are used to provide spatially correlated displays of 3D content. Three-dimensional content is rendered on multiple displays (205, 209, 212) where the 3D content refers to the same virtual 3D coordinates, in which the relative position of the displays to each other determines the 3D virtual camera position for each display. One of the displays (205, 209, 212) may be mobile, such as a cell phone, and the other stationary or nomadic, such as a laptop. Each display shows a view based on a virtual camera into 3D content, such as an online virtual world. By continuously sensing and updating the relative physical distances and orientations of each device to one another, the devices show the user a view into the 3D content that is spatially correlated. Each device has a virtual camera that uses a common pool of 3D geometrical data and renders this data to display images.

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INTERNATIONAL SEARCH REPORT

International application No.

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A. CLASSIFICATION OF SUBJECT MATTER IPC: H04N13/04 (2006.01) 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) H04N13 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) EPODOC, WPI		
C. DOCUMENTS CONSIDERED TO BE RELEVANT		
Category*	Citation of document, with indication, where appropriate, of the relevant passages	Relevant to claim No.
X	US 5275565 A (MONCRIEF) 04 January 1994 (04.01.1994) Abstract, figures 1-4 and their descriptions	10-15, 30-33
Y		1-9, 16-29, 34
Y	US 7091926 B2 (KULAS) 15 August 2006 (15.08.2006) Abstract, figures 1-4 and their descriptions	1-9, 17-29, 34
Y	US 5956046 A (KEHLET ET AL) 21 September 1999 (21.09.1999) Abstract, column 1 line 63 - column 2 line 15	16
<input type="checkbox"/> Further documents are listed in the continuation of Box C. <input checked="" type="checkbox"/> See patent family annex.		
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INTERNATIONAL SEARCH REPORT
Information on patent family members

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			US	A	5275565	1994-01-04
			WO	A1	9221117	1992-11-26
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			US	B2	7091926	2006-08-15
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