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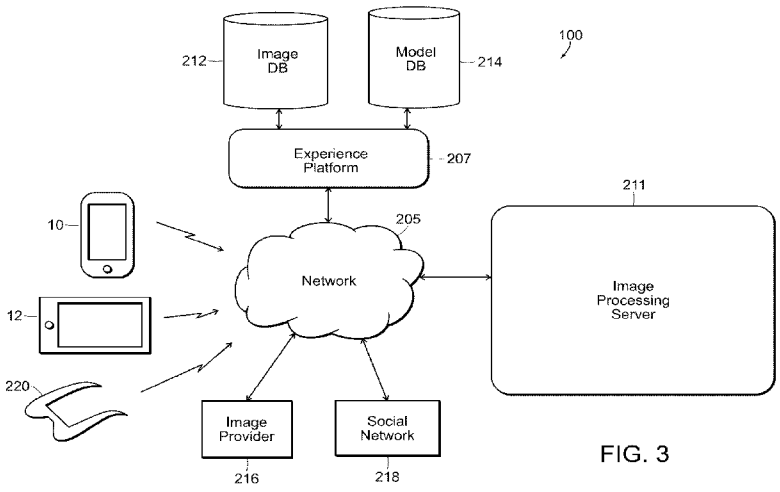

FIG. 3

(57) Abstract: A system for creating an environment and for sharing an experience based on the environment includes a plurality of mobile devices having a camera employed near a point of interest to capture random, crowdsourced images and associated metadata near said point of interest, wherein the metadata for each image includes location of the mobile device and the orientation of the camera. Preferably, the images include depth camera information. A wireless network communicates with the mobile devices to accept the images and metadata and to build and store a point cloud or 3D model of the region. Users connect to this experience platform to view the 3D model from a user selected location and orientation and to participate in experiences with, for example, a social network.

WO 2013/126784 A3

INTERNATIONAL SEARCH REPORT

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A. CLASSIFICATION OF SUBJECT MATTER
INV. G06T17/00 G06F17/30
ADD.

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B. FIELDS SEARCHED

Minimum documentation searched (classification system followed by classification symbols)
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 practicable, search terms used)

EPO-Internal, WPI Data

C. DOCUMENTS CONSIDERED TO BE RELEVANT

Category*	Citation of document, with indication, where appropriate, of the relevant passages	Relevant to claim No.
X	SNAVELY N ET AL: "Photo Tourism: Exploring Photo Collections in 3D", SIGGRAPH CONFERENCE PROCEEDINGS, XX, XX, vol. 25, no. 3, 2006, pages 835-846, XP007906480,	1-7, 11-15, 19-23
Y	abstract section 1 Introduction section 2 System Overview section 3.1 Image-based modeling section 4 Reconstructing Cameras and Sparse Geometry section 4.5 Scene representation section 5.1 User interface layout	8-10, 16-18

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[X] Further documents are listed in the continuation of Box C.

[X] See patent family annex.

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1

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C(Continuation). DOCUMENTS CONSIDERED TO BE RELEVANT

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Y	BERALDIN J-A ET AL: "Detailed 3D reconstruction of large-scale heritage sites with integrated techniques", IEEE COMPUTER GRAPHICS AND APPLICATIONS, IEEE SERVICE CENTER, NEW YORK, NY, US, vol. 24, no. 3, 2004, pages 21-28, XP011112535, ISSN: 0272-1716, DOI: 10.1109/MCG.2004.1318815 abstract -----	8,9,16, 17
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1

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Information on patent family members

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		US 2010098327 A1	22-04-2010
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