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(54) Title: SYSTEMS AND METHODS FOR CONDUCTING AND REPLAYING VIRTUAL MEETINGS

(57) Abstract: Systems and methods for conducting a virtual meeting cause a display screen to present meeting participants with a depiction of a virtual meeting room populated with avatars representing the participants. Audio links between the participants allow some or all of the participants to hear what is being said by each of the other participants. Each participant can cause his respective avatar to make gestures that provide non-verbal communications to the other participants. In addition, one or more participants may be able to cause text, images, videos or other presentation materials to be displayed to the other participants on a virtual display screen present in the virtual conference room. Likewise, participants may be able to draw or write on a virtual whiteboard present in the virtual conference room. Participants may also be able to share or send notes to each other, or conduct private instant messaging sessions, audio sessions or video sessions with one or more of the other participants.



**A. CLASSIFICATION OF SUBJECT MATTER****G06Q 50/30(2012.01)i**

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)

G06Q 50/30; G06F 15/16; G06F 3/048; H04M 11/00; H04N 7/12; G09G 5/00; H04N 7/14

Documentation searched other than minimum documentation to the extent that such documents are included in the fields searched

Korean utility models and applications for utility models

Japanese utility models and applications for utility models

Electronic data base consulted during the international search (name of data base and, where practicable, search terms used)

eKOMPASS(KIPO internal) &amp; Keywords: virtual meeting, avatar, non-verbal, gesture

**C. DOCUMENTS CONSIDERED TO BE RELEVANT**

Category*	Citation of document, with indication, where appropriate, of the relevant passages	Relevant to claim No.
X	US 2004-0128350 A1 (LOU TOPFL et al.) 01 July 2004	1, 15, 16
Y	See the abstract, paragraphs 0033, 0047-0056 and claims 1-24.	2-14, 17-63
Y	US 05347306A A (NITTA; TOHEI) 13 September 1994 See the abstract, columns 3-5 and claims 1-15.	2-14, 17-63
A	US 2010-0251142 A1 (GEPPERT BIRGIT et al.) 30 September 2010 See the abstract, paragraphs 0027, 0028, 0035 and claims 1-32.	1-63
A	KR 10-2001-0000426 A (KIM, YONG HWAN) 05 January 2001 See the abstract, figures 1-3 and claims 1-3.	1-63

 Further documents are listed in the continuation of Box C. See patent family annex.

\* Special categories of cited documents:

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"E" earlier application or patent but published on or after the international filing date

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"T" later document published after the international filing date or priority date and not in conflict with the application but cited to understand the principle or theory underlying the invention

"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

"Y" document of particular relevance; the claimed invention cannot be considered to involve an inventive step when the document is combined with one or more other such documents, such combination being obvious to a person skilled in the art

"&amp;" document member of the same patent family

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**INTERNATIONAL SEARCH REPORT**

Information on patent family members

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