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(54) Title: HOLISTIC HOSPITAL PATIENT CARE AND MANAGEMENT SYSTEM AND METHOD FOR TELEMEDICINE

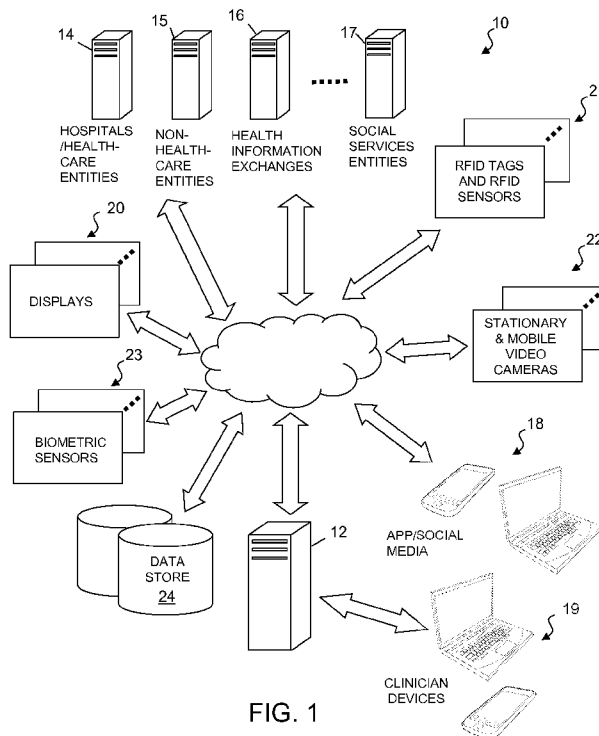


FIG. 1

(57) Abstract: A holistic hospital patient care and management system comprises a data store operable to receive and store patient data including clinical and non-clinical data; at least one video camera focused on a patient; presence detection sensors configured to detect presence of physicians to enable real-time tracking and location; at least one predictive model in consideration of the clinical and non-clinical data to identify at least one medical condition of the patient; a risk logic module to apply the predictive model to the clinical and non-clinical data to determine at least one risk score for the patient; and a telemedicine logic module to receive physician real-time location and status information, identify and alert a physician available to consult with the medical personnel regarding the patient, enable two-way audio and video communication between the physician and the medical personnel, and provide the patient's medical condition and stratified risk to the physician.

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A. CLASSIFICATION OF SUBJECT MATTER
IPC(8) - G06F 19/00 (2015.01)
CPC - G06F 19/3431 (2015.04)
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(8) - G06F 19/00; G06Q 50/22; 24 (2015.01)
USPC - 705/2; 705/3; 706/21
Documentation searched other than minimum documentation to the extent that such documents are included in the fields searched
CPC - G06F 19/345; 3431; G06Q 50/24 (2015.04) (keyword delimited)
Electronic data base consulted during the international search (name of data base and, where practicable, search terms used)
Orbit, Google Patents, Google Scholar, Google.
Search terms used: clinical data, risk score, two way audio, two way video

C. DOCUMENTS CONSIDERED TO BE RELEVANT

Category*	Citation of document, with indication, where appropriate, of the relevant passages	Relevant to claim No.
Y	US 2013/0262357 A1 (AMARASINGHAM et al) 03 October 2013 (03.10.2013) entire document	1-17
Y	US 2013/0013333 A1 (GOPINATHAN et al) 10 January 2013 (10.01.2013) entire document	1-17
A	US 2010/0017225 A1 (OAKLEY et al) 21 January 2010 (21.01.2010) entire document	1-17
A	US 2010/0083164 A1 (MARTIN et al) 01 April 2010 (01.04.2010) entire document	1-17
A	US 2010/0249531 A1 (HANLON et al) 30 September 2010 (30.09.2010) entire document	1-17

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