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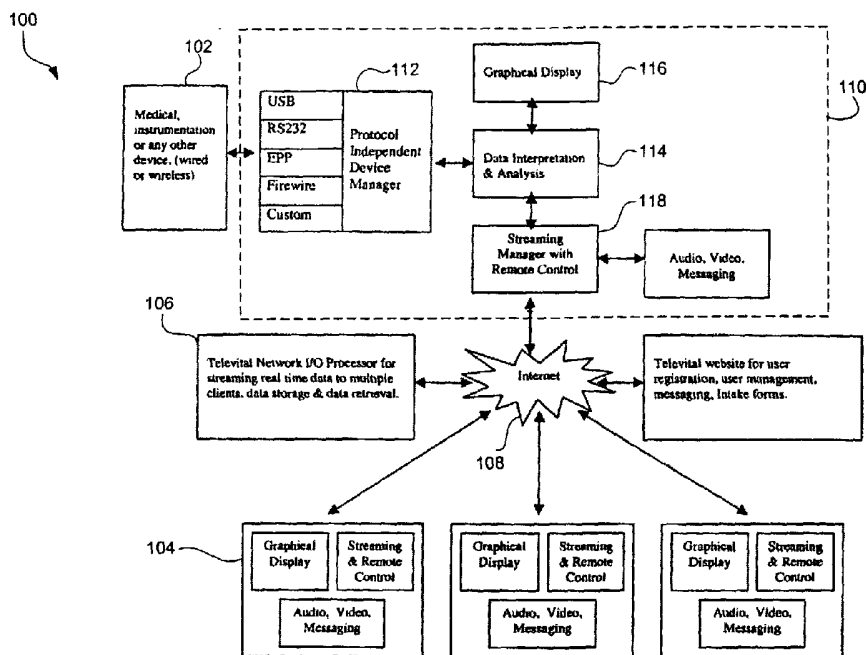
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(54) Title: REAL-TIME MONITORING ASSESSMENT, ANALYSIS, RETRIEVAL, AND STORAGE OF PHYSIOLOGICAL DATA



(57) Abstract: A system (100) and method are provided for network-based monitoring of physiological data. At least one patient-side device (102) collects physiological data from a patient. A provider-side device (104) receives the data from at least one patient-side device (102) via a wide area network (108). An engine communicates with at least one patient-side device (102) and the provider-side device (104). The engine manages transmission of the data from the patient-side device (102) to the provider-side device (104).



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# INTERNATIONAL SEARCH REPORT

International application No.

PCT/US02/09914

**A. CLASSIFICATION OF SUBJECT MATTER**  
 IPC(7) : A61N 1/18  
 US CL : 607/30  
 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)  
 U.S. : 607/30; 600/300; 709/310, 200

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)

**C. DOCUMENTS CONSIDERED TO BE RELEVANT**

Category *	Citation of document, with indication, where appropriate, of the relevant passages	Relevant to claim No.
Y	US6,083,248 A (THOMPSON) 04 July 2000 (04.07.2000), the whole document.	1-22
Y	US 5,827,180 A (GOODMAN) 27 October 1998 (27.10.1998), the whole document.	1-22

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

* Special categories of cited documents:	
"A" document defining the general state of the art which is not considered to be of particular relevance	"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
"E" earlier application or patent published on or after the international filing date	"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
"L" document which may throw doubts on priority claim(s) or which is cited to establish the publication date of another citation or other special reason (as specified)	"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
"O" document referring to an oral disclosure, use, exhibition or other means	"&" document member of the same patent family
"P" document published prior to the international filing date but later than the priority date claimed	

Date of the actual completion of the international search 28 July 2002 (28.07.2002)	Date of mailing of the international search report <b>30 AUG 2002</b>
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Name and mailing address of the ISA/US Commissioner of Patents and Trademarks Box PCT Washington, D.C. 20231 Facsimile No. (703)305-3230	Authorized officer <i>JM</i> ST. JOHN COURTENAY <i>James R. Matthews</i> Telephone No. 703 305-3665
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**INTERNATIONAL SEARCH REPORT**

International application No.

PCT/US02/09914

**Continuation of Item 4 of the first sheet:**

SYSTEM AND METHOD FOR REAL-TIME MONITORING ASSESSMENT, ANALYSIS, RETRIEVAL, AND STORAGE OF PHYSIOLOGICAL DATA OVER A WIDE AREA NETWORK

**NEW TITLE:**

REAL-TIME MONITORING ASSESSMENT, ANALYSIS, RETRIEVAL, AND STORAGE OF PHYSIOLOGICAL DATA