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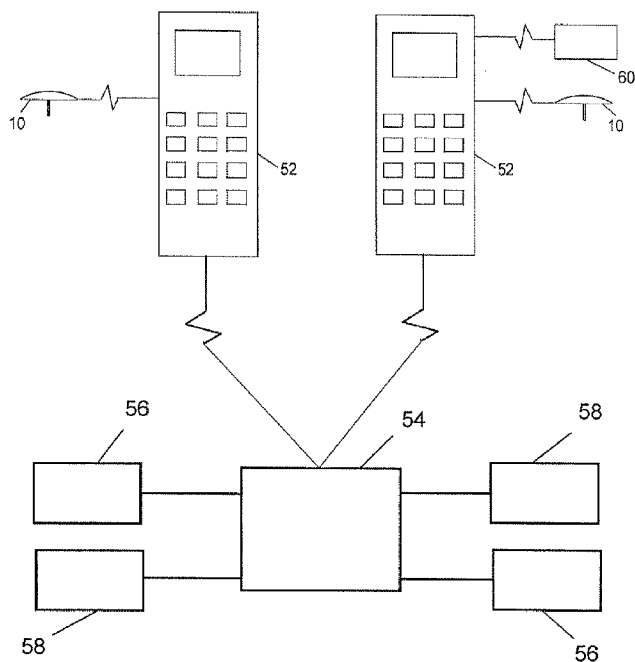
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[Continued on next page]

(54) Title: METHOD AND APPARATUS FOR INFUSING LIQUID TO A BODY



(57) Abstract: A system for infusing liquid to a body includes an infusion device, a network interface with a cell phone and wireless link and a network server system capable of communication with the infusion device through the network interface. The server system has access to a file of information specific to the controller for the infusion device. The infusion device includes a source of infusion fluid, a delivery port, a pump between the source of infusion fluid and the delivery port and a controller capable of programmable pump rate and sequence. A method for infusing liquid to a body includes controlling infusion using a programmable controller, establishing a file of information specific to the controller accessible to an extended area network server system and remotely transmitting commands to the controller. The information specific to the controller in the file is amended from a control terminal remote from the body. Operating instructions responsive to the updated information in the file are provided over an extended area network to a programmable two-way communication device. The device is capable of communication with the controller to forward operating commands. Requests for a bolus or a basal rate change are made through input to the two-way communication device which responds with commands transmitted over the wireless link

to the controller consistent with the operating instructions from the server system. Network access through a monitoring terminal to the incidents of amending information specific to the controller is used for generating payments for the incidents of amending information specific to the controller accessed by the monitoring terminal.

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A. CLASSIFICATION OF SUBJECT MATTER

IPC: **A61M 1/00(2006.01)**

USPC: 604/123,300,890.1

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. : 604/123, 300, 890.1

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)
East search

C. DOCUMENTS CONSIDERED TO BE RELEVANT

Category *	Citation of document, with indication, where appropriate, of the relevant passages	Relevant to claim No.
X	US 2006/0047538 (Concurso et al.) 02 March 2006 (02.03.2006), para 0017, 0020, 0024-0025, 0051, 0054-0055, 0058, 0062	1-12, 1520
X	US 6,740,059 (Flaherty) 25 May 2004 (25.05.2004), Figs. 13	13-14

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		
"P" document published prior to the international filing date but later than the priority date claimed	"&"	document member of the same patent family

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