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- (81) **Designated States (unless otherwise indicated, for every kind of national protection available):** AE, AG, AL, AM,

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(54) **Title:** ELECTRONIC DATA CAPTURE, DOCUMENTATION, AND CLINICAL DECISION SUPPORT SYSTEM

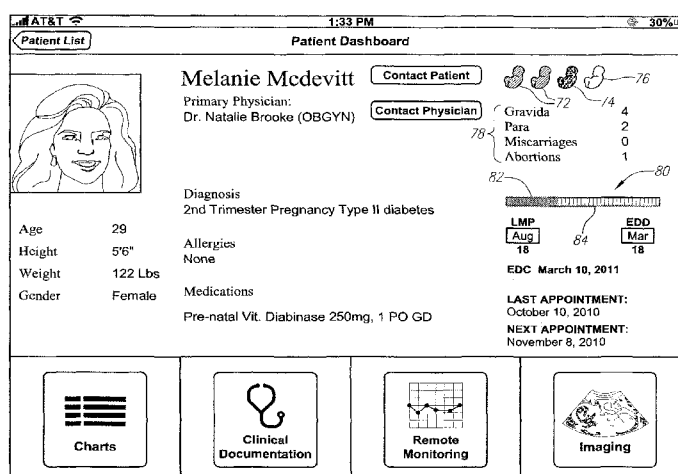


FIG. 4

(57) **Abstract:** An electronic data capture, documentation and clinical decision support system (EDDS) includes a user display and input device, where the device is configured to include symbolic language including icons, the icons being controllable based upon user input. Multiple input data feeds are provided from one or more external databases, and preferably from a user input device. A display presentation system cohorts or otherwise organizes the data received via the input data feeds. An external device control system serves to provide wireless remote control of medical devices. Optionally, a clinical decision support system for providing clinical information to the user, such as providing a diagnosis, suggested treatment, medication or other medical action. The recommended clinical action may be implemented automatically, or upon the further authorization of the medical professional.

## INTERNATIONAL SEARCH REPORT

International application No.

PCT/US 11/59628

## A. CLASSIFICATION OF SUBJECT MATTER

IPC(8) - G06Q 50/00, G06Q 10/00 (2013.01)

USPC - 705/3

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): G06Q 50/00, G06Q 10/00 (2013.01)

USPC: 705/3

Documentation searched other than minimum documentation to the extent that such documents are included in the fields searched  
USPC: 702/19; 703/2; 705/2; 706/45, 706/46, 706/47, 706/50; 707/758, 707/950, 707/999.104 (keyword limited; terms below)

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

PatBase; Google Scholar; Google Patents; FreePatentsOnline. Search terms used: medical-record electronic-medical-record electronic-record patient-record electronic-patient-record clinical-record electronic-clinical-record healthcare-record electronic-healthcare-record, user-interface user-input user-display UI GUI input-device, symbolic-language ic

## C. DOCUMENTS CONSIDERED TO BE RELEVANT

| Category* | Citation of document, with indication, where appropriate, of the relevant passages   | Relevant to claim No. |
|-----------|--|-----------------------|
| Y         | US 2008/0243548 A1 (CAFER) 02 October 2008 (02.10.2008) entire document, especially Abstract; para [0041]-[0043], [0066]-[0068], [0084], [0093], [0097], [0099], [0100], [0102], [0125], [0141], [0143], [0145]-[0147], [0166] | 1 - 10                |
| Y         | US 2003/0046114 A1 (DAVIES et al.) 06 March 2003 (06.03.2003) entire document, especially Abstract; para [0014], [0084]  | 1 - 10                |
| Y         | US 2008/0004904 A1 (TRAN) 03 January 2008 (03.01.2008) entire document, especially Abstract; para [0005], [0298]   | 3                     |
| A         | US 2010/0235782 A1 (POWELL et al.) 16 September 2010 (16.09.2010) entire document  | 1 - 10                |
| A         | US 2010/0153453 A1 (KNOWLES) 17 June 2010 (17.06.2010) entire document   | 1 - 10                |
| A         | US 2009/0037224 A1 (RADUCHEL) 05 February 2009 (05.02.2009) entire document  | 1 - 10                |
| A         | US 2005/0283380 A1 (GARDUNO) 22 December 2005 (22.12.2005) entire document   | 1 - 10                |

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"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

"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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