

Nicolas Vargas

Title: MEDICATION MANAGEMENT SYSTEM

Abstract: A system and method for confirming that a medication administration device has been programmed with the correct medication administration parameters. A medical database carrier is used compare medication delivery parameters entered into a medication administration device to institutionally established guidelines or more widely accepted protocols to ensure that the medication is delivered in accordance to those guidelines. The medical database carrier may also be configured to communicate information regarding medication delivery and other patient information between a control system in communication with the care-giving facility's other information systems and a patient specific asset such as an infusion pump. The medical database carrier may be a smartcard, a PDA such as a Palm(TM) Pilot, laptop computer, pager, mobile phone, or other device capable of storing, processing and communicating information. The system may use either wired or wireless connections to communicate information between the components of the system.

Classifications:

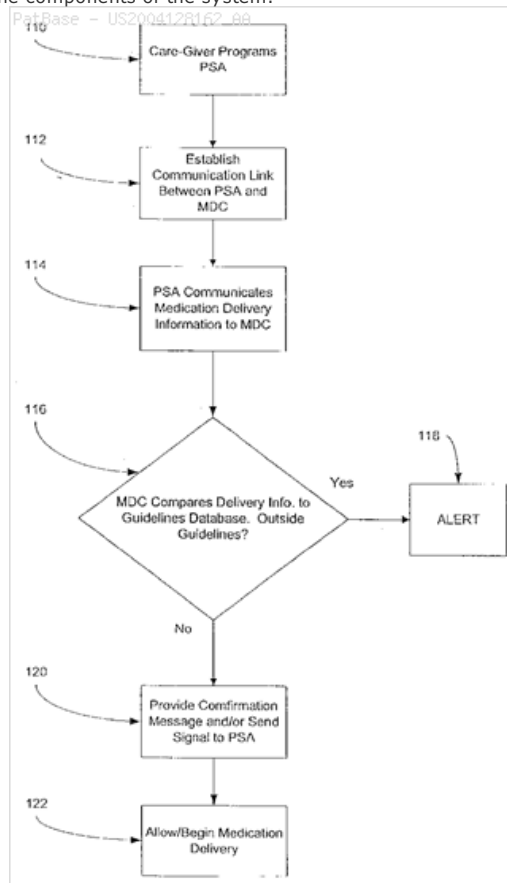
International (IPC 8-9): A61B5/00 A61J7/00 G06F G06F17/30 G06F19/00 G06Q50/00 G06Q50/22 G06Q50/24 (Advanced/Invention); A61J7/04 A61M5/142 (Advanced/Non-invention); A61J7/00 G06F19/00 G06Q50/00 (Core/Invention); A61M5/142 (Core/Non-invention); G06F (Subclass/Invention)

International (IPC 1-7): A61M1/00 G01F1/00 G01F7/00 G06F17/00 G06F17/30 G06F17/60 G06F19/00 G06F7/00

CPC: G06F19/325 A61M5/142 A61M2005/14208 A61M2205/18 A61M2205/3561 A61M2205/3569 A61M2205/3592 G06F19/3468 G06Q50/22 G06Q50/24 A61J7/0454 A61J7/0463

European: G06F19/00A G06F19/32E G06F19/32E1 G06F19/32E3 G06F19/34L G06F19/34L3 G06Q50/22 G06Q50/24 K61J7/00F1 K61J7/04B1G K61J7/04B1H K61M205/18 K61M205/35R2 K61M205/35R3 K61M205/35T2 K61M5/142 K61M5/142C S06F19/32E1 S06F19/32G S06F19/34C

US: 604/3 604/30 604/30S 702/45 702/45S 705/2 705/2P 705/3 707/104.1 707/769 707/769P 707/999.104 707/999.104S 707/999.107 707/999.107S 707/E17.014 707/E17.014S

**Family:**

Publication number	Publication date	Application number	Application date
AU2003291138 AA	20040729	AU20030291138	20031121
AU2003291138 BB	20091210	AU20030291138	20031121
CA2511931 AA	20050627	CA20032511931	20031121
CN100504893 C	20090624	CN200380109172	20031121
CN1759398 A	20060412	CN200380109172	20031121
EP1579365 A2	20050928	EP20030783730	20031121
IL169415 A1	20110428	IL20030169415	20031121
IL206920 A0	20101230	IL20030206920	20031121
IL206921 A1	20121031	IL20030206921	20031121
IL206922 A0	20101230	IL20030206922	20031121
JP2006512673 T2	20060413	JP20040565078T	20031121
NO20053150 A	20050922	NO20050003150	20050628
NO20053150 A0	20050628	NO20050003150	20050628
NZ540994 A	20081031	NZ20030540994	20031121
SG154354 A1	20090828	SG20080004889	20031121
US2004128162 AA	20040701	US20020331034	20021227
US2011060758 AA	20110310	US20100947744	20101116
US7835927 BB	20101116	US20020331034	20021227
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WO04061745 A2	20040722	WO2003US37324	20031121
WO04061745 A3	20050721	WO2003US37324	20031121
ZA200505275 A	20061227	ZA20050005275	20050629

Priority:

US20020331034 20021227 WO2003US37324 20031121 US20100947744 20101116

Probable Assignee: CAREFUSION 303 INC

Assignee(s): (std): CARDINAL HEALTH 303 INC ; CAREFUSION 303 INC ; ALARIS MEDICAL SYST INC

Assignee(s): ALARIS MEDICAL SYSTEMS INC ; ALARIS MEDICAL INC ; CITICORP NORTH AMERICA INC ; RICKERSON STUART E ; LEE BRADFORD A ; COFFMAN DAMON J ; VANDERVEEN TIMOTHY W ; SCHLOTTERBECK DAVID L

Inventor(s): (std): BRADFORD A LEE ; DAMON J COFFMAN ; DAVID L SCHLOTTERBECK ; SCHLOTTERBECK DAVID L
VANDERVE ; STUART E RICKERSON ; TIMOTHY W VANDERVEEN ; VANDERVEEN TIMOTHY W ;
SCHLOTTERBECK DAVID L ; RICKERSON STUART E ; LEE BRADFORD A ; COFFMAN DAMON J

Inventor(s): SCHLOTTERBECK DAVID L VANDERVEEN TIMOTHY W COFFMAN

Agent(s): FISHER ADAMS KELLY; FISHER ADAMS KELLY PTY LTD; FISHER ADAMS KELLY CALLINANS; SMART AND
BIGGAR; WOLFF BREGMAN AND GOLLER; MCDERMOTT WILL AND EMERY LLP

Designated states: AE AG AL AM AT AU AZ BA BB BE BF BG BJ BR BW BY BZ CA CF CG CH CI CM CN CO CR CU CY CZ
DE DK DM DZ EC EE ES FI FR GA GB GD GE GH GM GN GQ GR GW HR HU ID IE IL IN IS IT JP KE KG KP
KR KZ LC LI LK LR LS LT LU LV MA MC MD MG MK ML MN MR MW MX MZ NE NI NL NO NZ OM PG PH PL
PT RO RU SC SD SE SG SI SK SL SN SY SZ TD TG TJ TM TN TR TT TZ UA UG UZ VC VN YU ZA ZM ZW

Title: MEDICAL DATA COMMUNICATION NOTIFICATION AND MESSAGING SYSTEM AND METHOD

Abstract: A system and method is disclosed for executing a notification process within a healthcare system.

Classifications:

International (IPC 8-9): A61B5/00 A61K9/22 A61M31/00 G06F19/00 G06Q10/00 G06Q50/00 G06Q50/24 G09G5/00 H04L12/16

H04L12/58 (Advanced/Invention);

A61B19/00 A61J3/00 (Advanced/Non-invention);

G06F (Core/Invention);

G06F (Subclass/Invention)

International (IPC 1-7): A61B5/00 G06F17/60 G06F19/00

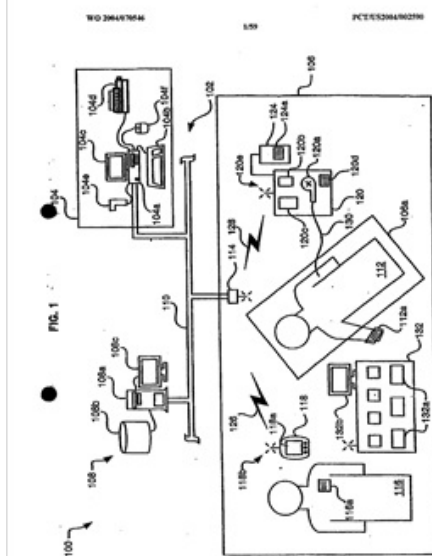
CPC: A61B5/0002 A61B5/411 A61B5/4839 A61B2560/0271

A61N1/37282 G06F19/3418 G06Q50/24

European: A61B5/00B A61B5/41B A61B5/48J2 G06F19/34C

G06Q50/24 K61B560/02H2 K61N1/372D8R

PatBase - NZ541476_A



Family:

Publication number	Publication date	Application number	Application date
AR042990 AA	20050713	AR2004P100296	20040130
AU2004209115 AA	20040819	AU20040209115	20040130
AU2004209115 BB	20090423	AU20040209115	20040130
CA2514294 AA	20050725	CA20042514294	20040130
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JP2006519437 T2	20060824	JP20060503166T	20040130
NZ541476 A	20070330	NZ20040541476	20040130

Priority:

US20030444350P 20030201

US20030424553 20030428

US20030488273P 20030718

US20030659760 20030910

US20030528106P 20031208

US20030748589 20031230

WO2004US02590 20040130

Probable Assignee: BAXTER INT

Assignee(s): (std): BAXTER INT

Assignee(s): BAXTER INT INC ; BAXTER INT INCONE BAXTER PARKWAYDEERFIELDIL60015-4633US ; BAXTER INT INCORPORATED ; BAXTER INTERNATIONAL INC ; BAXTER INTERNATIONAL INCORPORATED ; LETELLIER LAURA M ; MARTUCCI JAMES P ; WILKES GORDON J ; SIMPSON THOMAS L C

Inventor(s): (std): LETELLIER LAURA M ; MARTUCCI JAMES P ; SIMPSON THOMAS L C ; WILKES GORDON J ; THOMAS L C SIMPSON ; LAURA M LETELLIER ; JAMES P MARTUCCI ; GORDON J WILKES

Inventor(s): WILKES GORDON J77 MCINTYRE COURTNEWMARKETO1L3Y 8B9CA ; WILKES GORDON JCA ; SIMPSON THOMAS L CUS ; MARTUCCI JAMES PUS ; LETELLIER LAURA MUS

Agent(s): PETER MAXWELL AND ASSOCIATES; SIM AND MCBURNEY

Designated states: AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HU IE IT LI LU MC NL PT RO SE SI SK TR

Title: METHOD AND SYSTEM FOR MEDICAL DEVICE CONNECTIVITY

Abstract: A system having a medical device that initiates a communication with a centrally situated server. During this interaction, status and programming information is sent from the medical device to the server. The server stores the information temporarily and dispatches a processed version of the real time or compiled information to the appropriate terminal device when the terminal device initiates its communication or when significant events need to be dispatched to the terminal device.

Classifications:

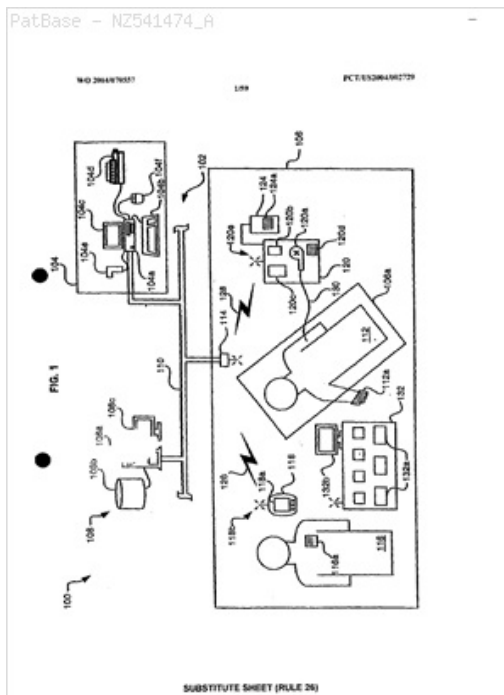
International (IPC 8-9): A61B5/00 A61K9/22 A61M31/00 A61M5/00 G06F19/00 G06Q50/00 G09G5/00 (Advanced/Invention); A61G12/00 (Advanced/Non-invention);

G06F (Core/Invention);
G06F (Subclass/Invention)

International (IPC 1-7): A61B5/00 G06F159/00 G06F17/60 G06F19/00

CPC: A61B5/0002 A61B5/411 A61B5/4839 A61B2560/0271 A61N1/37282 G06F19/3418

European: A61B5/00B A61B5/41B A61B5/48J2 G06F19/34C K61B560/02H2 K61N1/372D8R



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CA2513649 AA	20050719	CA20042513649	20040130
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Priority:

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US20030659760 20030910 US20030528106P 20031208 US20030748749 20031230
WO2004US02729 20040130

Probable Assignee: BAXTER INT

Assignee(s): (std): BAXTER INT

Assignee(s): BAXTER INT INC ; BAXTER INT INCORPORATED ; BAXTER INTERNATIONAL INC ; BAXTER INTERNATIONAL INCORPORATED ; LETELLIER LAURA M ; MARTUCCI JAMES P ; NOTESTINE MARK ; MIHAI DAN M

Inventor(s): (std): NOTESTINE MARK ; MIHAI DAN M ; MARTUCCI JAMES P ; LETELLIER LAURA M

Inventor(s): LAURA M LETELLIER ; JAMES P MARTUCCI ; DAN M MIHAI ; MARK NOTESTINE

Agent(s): PETER MAXWELL AND ASSOCIATES; SIM AND MCBURNEY

Designated states: AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HU IE IT LI LU MC NL PT RO SE SI SK TR

Title: SYSTEM AND METHOD FOR VERIFYING MEDICAL DEVICE OPERATIONAL PARAMETERS

Abstract: A system and method for comparing medical device settings with medication orders within a healthcare system. A medical device such as an infusion pump sends data relating to its operational parameters over a communications interface to a first computer which holds data relating to a medication order. The data is compared and the result sent via the communications interface to a remote computer such as a hand-held computer carried by a health professional. A second computer may send the medication order data, and optionally patient information data, to the first computer. The operational parameters of the medical device may be manually input to the device, or transmitted by the first or second computers.

Classifications:

International (IPC 8-9): A61B5/00 A61G99/00 A61J7/00 A61K9/22

A61M31/00 G06F19/00 G06Q50/00 G06Q50/22 G06Q50/24

G09G5/00 G16H40/20 G16H40/63 (Advanced/Invention);

G06F (Core/Invention);

G06F (Subclass/Invention)

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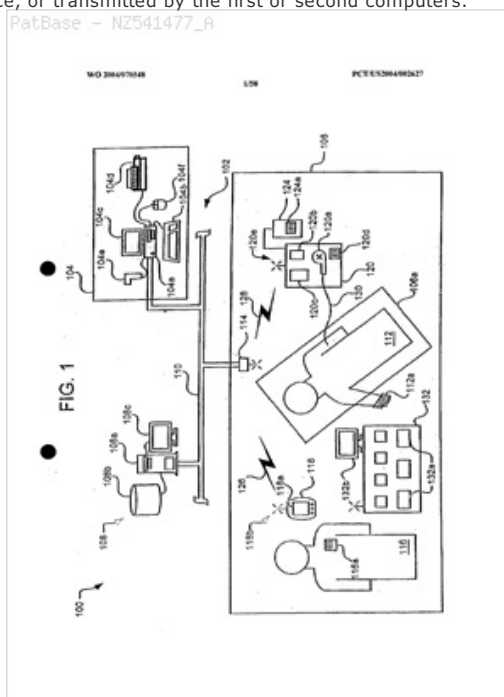
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European: A61B5/00B A61B5/41B A61B5/48J2 G06F19/34C

K61B560/02H2



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US20030444350P 20030201

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Probable Assignee: BAXTER INT

Assignee(s): (std): BAXTER INT

Assignee(s): BAXTER INT INC ; BAXTER INT INCORPORATED ; BAXTER INTERNATIONAL INC ; BAXTER INTERNATIONAL INCORPORATED ; LETELLIER LAURA M ; MARTUCCI JAMES P ; WILKES GORDON J ; NOTESTINE MARK

Inventor(s): (std): LETELLIER LAURA M ; MARTUCCI JAMES P ; NOTESTINE MARK ; WILKES GORDON J

Inventor(s): MARK NOTESTINE ; GORDON J WILKES ; JAMES P MARTUCCI ; LAURA M LETELLIER

Agent(s): PETER MAXWELL AND ASSOCIATES; SIM AND MCBURNEY

Designated states: AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HU IE IT LI LU MC NL PT RO SE SI SK TR

Title: WIRELESS MEDICAL DATA COMMUNICATION SYSTEM AND METHOD

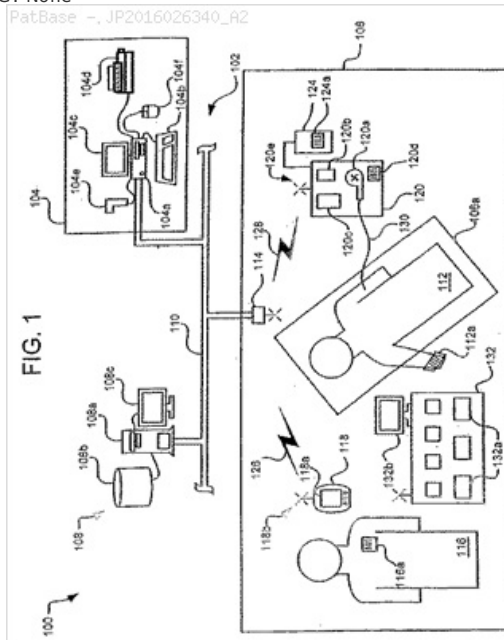
Abstract: PROBLEM TO BE SOLVED: To provide a system and method suitable for reporting on integrity of a wireless communication link within a healthcare facility. SOLUTION: A system and method executes at least one of an alarm and an alert escalation process within a healthcare environment. A system for reporting on integrity of a wireless communication link has a message indicator responsive to status information transmitted over the wireless communication link. The status information represents a signal generated by a medication treatment application device. The system comprises a wireless remote device, and software installed on the wireless remote device having a time-out output, where the time-out output indicates loss of the wireless communication link. SELECTED DRAWING: None

Classifications:

International (IPC 8-9): A61K9/22 A61M5/00 A61M5/142 G06F19/00 G06Q50/00 G06Q50/22 G06Q50/24 G08B21/02 G16H20/17 G16H40/60 H04B7/26 H04L29/02 H04W24/00 (Advanced/Invention); A61K9/22 A61M5/00 G06F19/00 G06Q50/00 G08B21/00 H04B7/26 H04L H04L29/02 (Core/Invention); H04L (Subclass/Invention)

International (IPC 1-7): G06F19/00 G08B21/02 G08B25/00 H04L29/02

CPC: G06F19/00 G08B21/02 H04L1/00 H04L29/02 G06F19/3418

**Family:**

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AU2004209286 BB	20090108	AU20040209286	20040130
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JP2006523470 T2	20061019	JP20060503183T	20040130
JP2016026340 A2	20160212	JP20150165438	20150825
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Priority:

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Probable Assignee: BAXTER INT

Assignee(s): (std): BAXTER INT

Assignee(s): BAXTER INT INC ; BAXTER INT INCORPORATED ; BAXTER INTERNATIONAL INC ; BAXTER INTERNATIONAL INCORPORATED ; BAXTER INTERNATL INC ; LETELLIER LAURA M ; SIMPSON THOMAS L ; MARTUCCI JAMES P

Inventor(s): (std): THOMAS L SIMPSON ; LAURA M LETELLIER ; JAMES P MARTUCCI ; SIMPSON THOMAS L ; MARTUCCI JAMES P ; LETELLIER LAURA M

Agent(s): PETER MAXWELL AND ASSOCIATES; SIM AND MCBURNEY

Designated states: AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HU IE IT LI LU MC NL PT RO SE SI SK TR

Title: METHOD AND SYSTEM FOR MEDICAL DEVICE CONNECTIVITY

Abstract: A system is disclosed having a medical device (120) that initiates a communication with a centrally situated server (108a, 109). During this interaction, status and programming information is sent from the medical device (120) to the server (108a, 109). The server (108a,109) stores the information temporarily and dispatches a processed version of the real time or compiled information to the appropriate terminal device (118) when the terminal device (118) initiates its communication or when significant events need to be dispatched to the terminal device (118).

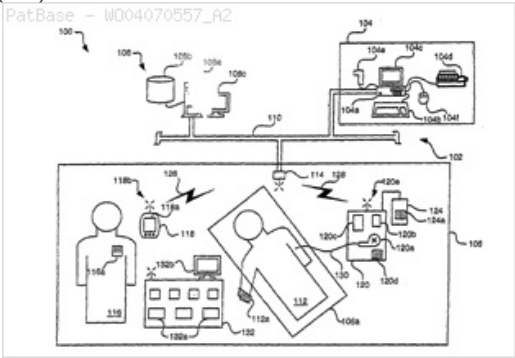
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International (ipc 8-9): A61B5/00 A61G12/00 A61K9/22 A61M31/00 G06F19/00 G06Q50/00 G09G5/00 (Advanced/Invention); G06F (Core/Invention); G06F (Subclass/Invention)

International (ipc 1-7): G06F19/00

CPC: A61B5/0002 A61B5/411 A61B5/4839 A61B2560/0271 A61N1/37282 G06F19/3418

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Priority:

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Probable Assignee: BAXTER INT

Assignee(s): (std): BAXTER INT

Assignee(s): BAXTER INT INC ; BAXTER INT INCORPORATED ; BAXTER INTERNATIONAL INC ; BAXTER INTERNATIONAL INCORPORATED ; BAXTER INTERNATL INC

Inventor(s): (std): LETELLIER LAURA M ; MARTUCCI JAMES P ; MIHAI DAN M ; NOTESTINE MARK

Designated states: AE AG AL AM AT AU AZ BA BB BE BF BG BJ BR BW BY BZ CA CF CG CH CI CM CN CO CR CU CY CZ DE DK DM DZ EC EE EG ES FI FR GA GB GD GE GH GM GN GQ GR GW HR HU ID IE IL IN IS IT JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MC MD MG MK ML MN MR MW MX MZ NA NE NI NL NO NZ OM PG PH PL PT RO RU SC SD SE SG SI SK SL SN SY SZ TD TG TJ TM TN TR TT TZ UA UG US UZ VC VN YU ZA ZM ZW

Title: MEDICAL DATA COMMUNICATION NOTIFICATION AND MESSAGING SYSTEM AND METHOD

Abstract: A system and method is disclosed for executing a notification process within a healthcare system.

Classifications:

International (IPC 8-9): A61B5/00 A61K9/22 A61M31/00 G06F19/00

G06Q50/00 G06Q50/24 G09G5/00 (Advanced/Invention);

G06F (Core/Invention);

G06F (Subclass/Invention)

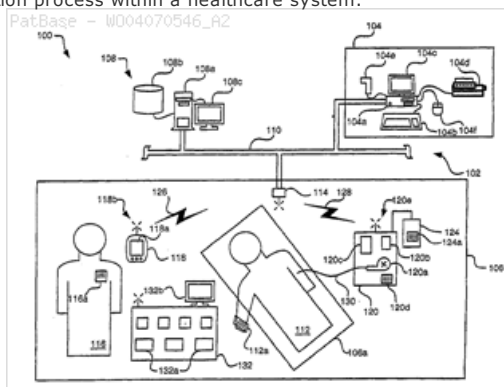
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CPC: A61B5/411 A61B5/0002 A61B5/4839 A61B2560/0271

A61N1/37282 G06F19/3418 G06Q50/24

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G06Q50/24 K61B560/02H2 K61N1/372D8R



Family:

Publication number	Publication date	Application number	Application date
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WO04070546 A3	20050714	WO2004US02590	20040130

Priority:

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US20030659760 20030910 US20030528106P 20031208 US20030748589 20031230
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Probable Assignee: BAXTER INT

Assignee(s): (std): BAXTER INT

Assignee(s): BAXTER INT INC ; BAXTER INT INCORPORATED ; BAXTER INTERNATIONAL INC ; BAXTER INTERNATIONAL INCORPORATED ; BAXTER INTERNATL INC

Inventor(s): (std): LETELLIER LAURA M ; MARTUCCI JAMES P ; SIMPSON THOMAS L C ; WILKES GORDON J

Designated states: AE AG AL AM AT AU AZ BA BB BE BF BG BJ BR BW BY BZ CA CF CG CH CI CM CN CO CR CU CY CZ DE DK DM DZ EC EE EG ES FI FR GA GB GD GE GH GM GN GQ GR GW HR HU ID IE IL IN IS IT JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MC MD MG MK ML MN MR MW MX MZ NA NE NI NL NO NZ OM PG PH PL PT RO RU SC SD SE SG SI SK SL SN SY SZ TD TG TJ TM TN TR TT TZ UA UG US UZ VC VN YU ZA ZM ZW

Title: SYSTEM AND METHOD FOR MEDICAL DEVICE AUTHENTICATION

Abstract: A method and system for medical device authentication is disclosed. The system may include a plurality of digital assistants (118) and a plurality of medical devices (120) (e.g., infusion pumps) communicating over a wired or wireless **network** (102). Because some of the data being transmitted is confidential medial data, the data is preferably encrypted and only communicated in the clear to authorized users and devices. In order to setup a new digital assistant (118) or medical device (120), a commissioning phase of the authentication process may be performed. Each time a commissioned device is powered up, an authentication process is preferably performed in order to verify communication is occurring with an authorized device and/or user. Once a device and/or user is authenticated, secure one-way and/or two-way communication may occur in order to pass parameters, instructions, data, alarms, status information, and any other type of information between digital assistants (118), medical devices (120), and/or servers (108a, 109).

Classifications:

International (IPC 8-9): A61B5/00 A61K9/22 A61M31/00 G06F19/00 G09G5/00 (Advanced/Invention);

A61B5/00 A61K9/22 A61M31/00 G06F19/00 G09G5/00

H04L (Core/Invention);

H04L (Subclass/Invention)

International (IPC 1-7): A61M31/00 G06F17/60

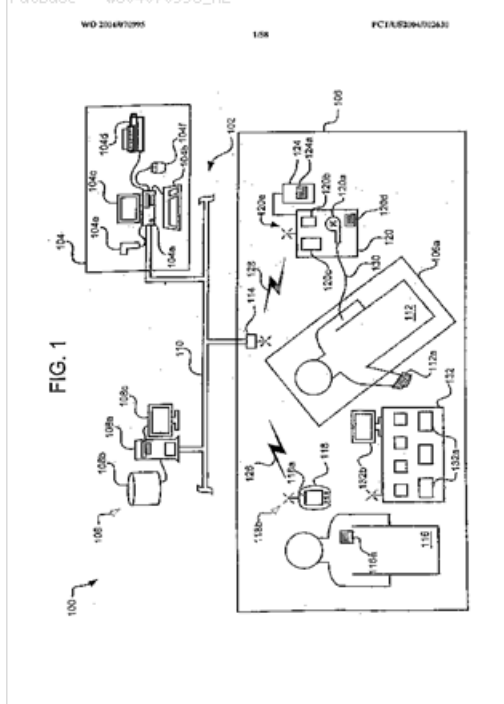
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European: A61B5/00B A61B5/41B A61B5/48J2 G06F19/34C

G06Q50/24 K61B560/02H2

PatBase - WO04070995_A2



Family:

Publication number	Publication date	Application number	Application date
AR046680 AA	20051221	AR2004P100300	20040130
WO04070995 A2	20040819	WO2004US02630	20040130
WO04070995 A3	20080103	WO2004US02630	20040130

Priority:

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Probable Assignee: BAXTER INT

Assignee(s): (std): BAXTER INT

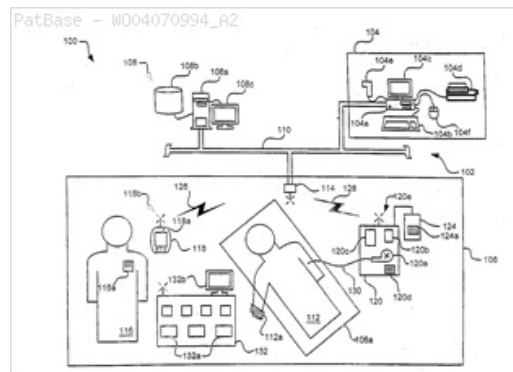
Assignee(s): BAXTER INT INC ; BAXTER INTERNATIONAL INC

Inventor(s): (std): KOHLER KENNETH ; MARTUCCI JAMES P ; MIHAI DAN M ; WILKES GORDON J

Designated states: AE AG AL AM AT AU AZ BA BB BE BF BG BJ BR BW BY BZ CA CF CG CH CI CM CN CO CR CU CY CZ DE DK DM DZ EC EE EG ES FI FR GA GB GD GE GH GM GN GQ GR GW HR HU ID IE IL IN IS IT JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MC MD MG MK ML MN MR MW MX MZ NA NE NI NL NO NZ OM PG PH PL PT RO RU SC SD SE SG SI SK SL SN SY SZ TD TG TJ TM TN TR TT TZ UA UG US UZ VC VN YU ZA ZM ZW

Abstract: A system and method is disclosed for executing at least one of an alarm or an alert escalation process within a healthcare environment.

CPC: G06F19/00 G08B21/02 H04L1/00 H04L29/02 G06F19/3418



Publication number	Publication date	Application number	Application date
TW200422916 A	20041101	TW20040102147	20040130
TWI236611 B	20050721	TW20040102147	20040130
WO04070994 A2	20040819	WO2004US02629	20040130
WO04070994 A3	20050728	WO2004US02629	20040130

US20030444350P	20030201	US20030424553	20030428	US20030488273P	20030718
US20030659760	20030910	US20030528106P	20031208	US20030748589	20031230

Designated states: AE AG AL AM AT AU AZ BA BB BE BF BG BJ BR BW BY BZ CA CF CG CH CI CM CN CO CR CU CY CZ DE DK DM DZ EC EE EG ES FI FR GA GB GD GE GH GM GN GQ GR GW HR HU ID IE IL IN IS IT JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MC MD MG MK ML MN MR MW MX MZ NA NE NI NL NO NZ OM PG PH PL PT RO RU SC SD SE SG SI SK SL SN SY SZ TD TG TJ TM TN TR TT TZ UA UG US UZ VC VN YU ZA ZM ZW

Title: REMOTE MULTI-PURPOSE USER INTERFACE FOR A HEALTHCARE SYSTEM

Abstract: A system and method is disclosed for remote multi-purpose user interface (118) for medical devices (120) and systems within a healthcare / medication delivery system and/or medication information technology system. The multi-purpose user interface (118) has a housing, a processor, a memory, a communications interface for providing communication between the user interface (118) and a medical device / controller (120) and for providing communications between the user interface (118) and a first central computer (109), and a display for displaying a medical prompt and for displaying medical information received from the first central computer (109).

Classifications:

International (IPC 8-9): A61B5/00 A61K9/22 A61M31/00 G06F19/00 G09G5/00 (Advanced/Invention);

A61F (Core/Invention);

A61F (Subclass/Invention)

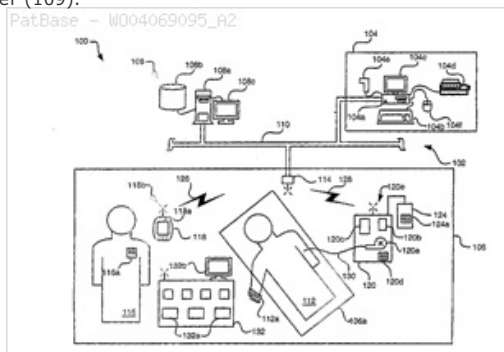
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CPC: G16H40/20 G16H40/63 A61B5/0002 A61B5/411 A61B5/4839

A61B2560/0271 G06F19/3418 G06F19/3481 G06Q50/22

European: A61B5/00B A61B5/41B A61B5/48J2 G06F19/32G

G06F19/34A G06F19/34C G06F19/34N G06Q50/22 K61B560/02H2

**Family:**

Publication number	Publication date	Application number	Application date
AR042993 AA	20050713	AR2004P100299	20040130
WO04069095 A2	20040819	WO2004US02680	20040130
WO04069095 A3	20050811	WO2004US02680	20040130

Priority:

US20030444350P	20030201	US20030424553	20030428	US20030488273P	20030718
US20030659760	20030910	US20030528106P	20031208	US20030748750	20031230

Probable Assignee: BAXTER INT

Assignee(s): (std): BAXTER INT

Assignee(s): BAXTER INT INC ; BAXTER INTERNATIONAL INC

Inventor(s): (std): MIHAI DAN M ; MARTUCCI JAMES P ; LETELLIER LAURA M

Designated states: AE AG AL AM AT AU AZ BA BB BE BF BG BJ BR BW BY BZ CA CF CG CH CI CM CN CO CR CU CY CZ DE DK DM DZ EC EE EG ES FI FR GA GB GD GE GH GM GN GQ GR GW HR HU ID IE IL IN IS IT JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MC MD MG MK ML MN MR MW MX MZ NA NE NI NL NO NZ OM PG PH PL PT RO RU SC SD SE SG SI SK SL SN SY SZ TD TG TJ TM TN TR TT TZ UA UG US UZ VC VN YU ZA ZM ZW

Abstract: A system and method is disclosed for executing a comparison of a medical device operational parameter to an order.

International (IPC 8-9): A61B5/00 A61K9/22 A61M31/00 G06F19/00
G09G5/00 (Advanced/Invention);

G06F (Subclass/Invention)

CPC: A61B5/0002 A61B5/411 A61B5/4839 A61B5/7465

European: A61B5/00B A61B5/41B A61B5/48J2 G06F19/34C

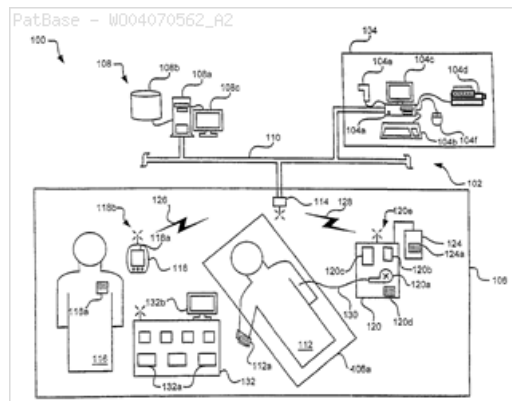
Publication number	Publication date	Application number	Application date
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WO04070548 A3	20050630	WO2004US02627	20040130

US20030444350P	20030201	US20030424553	20030428	US20030488273P	20030718
US20030659760	20030910	US20030528106P	20031208	US20030749101	20031230

Designated states: AE AG AL AM AT AU AZ BA BB BE BF BG BJ BR BW BY BZ CA CF CG CH CI CM CN CO CR CU CY CZ DE DK DM DZ EC EE EG ES FI FR GA GB GD GE GH GM GN GQ GR GW HR HU ID IE IL IN IS IT JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MC MD MG MK ML MN MR MW MX MZ NA NE NI NL NO NZ OM PG PH PL PT RO RU SC SD SE SG SI SK SL SN SY SZ TD TG TJ TM TN TR TT TZ UA UG US UZ VC VN YU ZA ZM ZW

Abstract: A system and method is disclosed for executing at least one of an alarm or an alert escalation process within a healthcare environment.

CPC: G08B25/08 A61B5/002 A61B5/7405 A61B5/742 A61B5/746
A61M5/142 A61M2205/3561 A61M2205/3569 A61M2205/6009
A61M2205/6018 A61M2205/6054 A61M2205/6072 G06F19/3418
G08B21/02 G08B25/005 G08B25/001 G08B25/007 G16H40/20



Publication number	Publication date	Application number	Application date
AR043360 AA	20050727	AR2004P100303	20040130
WO04070562 A2	20040819	WO2004US02821	20040130
WO04070562 A3	20050630	WO2004US02821	20040130
WO04070562 C2	20041007	WO2004US02821	20040130

US20030444350P	20030201	US20030424553	20030428	US20030488273P	20030718
US20030659760	20030910	US20030528106P	20031208	US20030749102	20031230

Designated states: AE AG AL AM AT AU AZ BA BB BE BF BG BJ BR BW BY BZ CA CF CG CH CI CM CN CO CR CU CY CZ
DE DK DM DZ EC EE EG ES FI FR GA GB GD GE GH GM GN GQ GR GW HR HU ID IE IL IN IS IT JP KE
KG KP KR KZ LC LK LR LS LT LU LV MA MC MD MG MK ML MN MR MW MX MZ NA NE NI NL NO NZ OM PG
PH PL PT RO RU SC SD SE SG SI SK SL SN SY SZ TD TG TJ TM TN TR TT TZ UA UG US UZ VC VN YU ZA
ZM ZW

Title: MEDICAL DATA COMMUNICATION NOTIFICATION AND MESSAGING SYSTEM AND METHOD**Abstract:** A system and method is disclosed for executing a notification process within a healthcare system.**Classifications:**

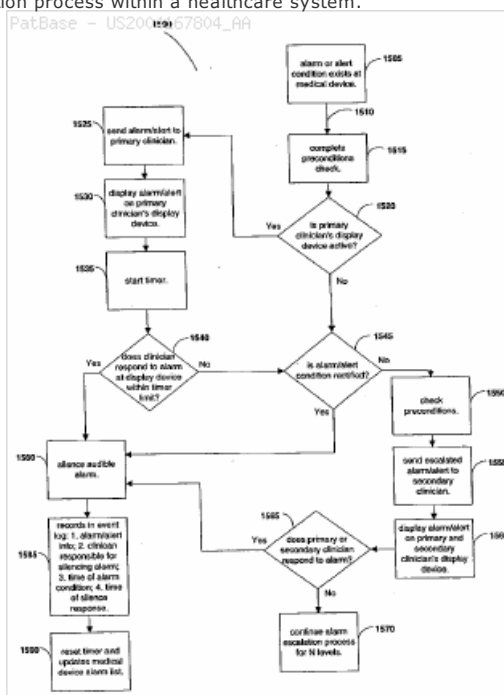
International (IPC 8-9): A61B5/00 A61K9/22 A61M31/00 G06F19/00
G06Q50/24 G09G5/00 (Advanced/Invention);
G06F19/00 (Core/Invention);
G06F (Subclass/Invention)

International (IPC 1-7): G06F17/60

CPC: A61B5/0002 A61B5/411 A61B5/4839 A61B2560/0271
A61N1/37282 G06F19/3418 G06Q50/24

European: A61B5/00B A61B5/41B A61B5/48J2 G06F19/34C
G06Q50/24 K61B560/02H2 K61N1/372D8R

US: 705/3 705/3P

**Family:**

Publication number	Publication date	Application number	Application date
US2004167804 AA	20040826	US20030748589	20031230

Priority:

US20020135180	20020430	US20030444350P	20030201	US20030424553	20030428
US20030488273P	20030718	US20030659760	20030910	US20030528106P	20031208
US20030748589	20031230				

Probable Assignee: BAXTER INT INC

Assignee(s): BAXTER INT ; BAXTER INT INC ; LETELLIER LAURA M ; MARTUCCI JAMES P ; SIMPSON THOMAS L C ; SIMPSON THOMAS LC ; WILKES GORDON J

Inventor(s): (std): LETELLIER LAURA M ; MARTUCCI JAMES P ; SIMPSON THOMAS L C ; WILKES GORDON J

Inventor(s): SIMPSON THOMAS LC

Title: SYSTEM AND METHOD FOR MEDICAL DEVICE AUTHENTICATION

Abstract: A method and system for medical device authentication is disclosed. The system may include a plurality of digital assistants and a plurality of medical devices (e.g., infusion pumps) communicating over a wired or wireless **network**. Because some of the data being transmitted is confidential medical data, the data is preferably encrypted and only communicated in the clear to authorized users and devices. In order to setup a new digital assistant or medical device, a commissioning phase of the authentication process may be performed. Each time a commissioned device is powered up, an authentication process is preferably performed in order to verify communication is occurring with an authorized device and/or user. Once a device and/or user is authenticated, secure one-way and/or two-way communication may occur in order to pass parameters, instructions, data, alarms, status information, and any other type of information between digital assistants, medical devices, and/or servers.

Classifications:

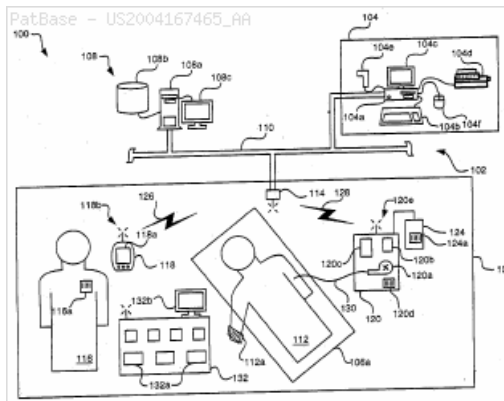
International (IPC 8-9): A61B5/00 A61K9/22 A61M31/00 G06F19/00
G09G5/00 (Advanced/Invention);
A61B5/00 A61K9/22 A61M31/00 G06F19/00
G09G5/00 (Core/Invention);
H04L (Subclass/Invention)

International (IPC 1-7): A61M31/00 G06F17/60

CPC: A61B5/0002 A61B5/411 A61B5/4839 A61B2560/0271
G06F19/3418 G06Q50/24

European: A61B5/00B A61B5/41B A61B5/48J2 G06F19/34C
G06Q50/24 K61B560/02H2

US: 604/67 604/67P 705/3 705/3S

**Family:**

Publication number	Publication date	Application number	Application date
US2004167465 AA	20040826	US20030748762	20031230

Priority:

US20020135180	20020430	US20030444350P	20030201	US20030424553	20030428
US20030488273P	20030718	US20030659760	20030910	US20030528106P	20031208
US20030748762	20031230				

Probable Assignee: BAXTER INT INC

Assignee(s): BAXTER INT ; BAXTER INT INC ; KOHLER KENNETH ; MARTUCCI JAMES P ; MIHAI DAN M

Inventor(s): (std): KOHLER KENNETH ; MARTUCCI JAMES P ; MIHAI DAN M

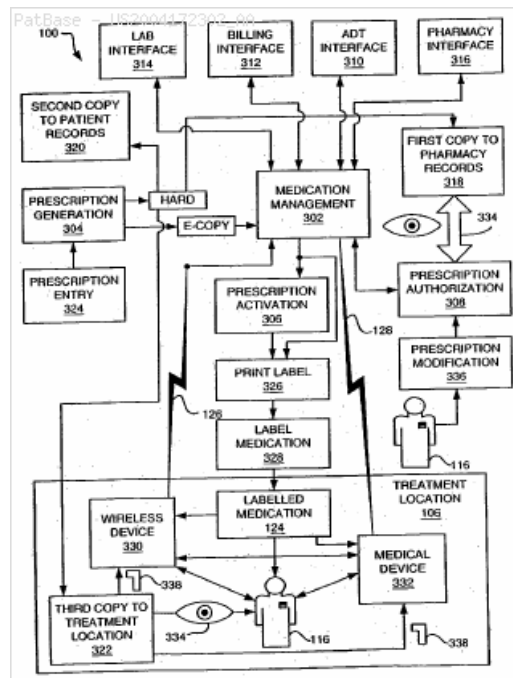
Abstract: A system and method is disclosed for executing a comparison of a medical device operational parameter to an order.

International (IPC s-9): A61B5/00 A61K9/22 A61M31/00 G06F19/00
G06Q10/00 G06Q50/00 G09G5/00 (Advanced/Invention);
A61B5/00 A61K9/22 A61M31/00 G06F19/00
G09G5/00 (Core/Invention);
G06F (Subclass/Invention)

CPC: A61B5/0002 A61B5/411 A61B5/4839 A61B2560/0271
G06F19/3418 G06Q50/22 G06Q50/24

European: A61B5/00B A61B5/41B A61B5/48J2 G06F19/34C
G06Q50/22 G06Q50/24 K61B560/02H2

US: 705/2 705/2P 705/3



Publication number	Publication date	Application number	Application date
US2004172302 AA	20040902	US20030749101	20031230
US8234128 BB	20120731	US20030749101	20031230

US20020135180	20020430	US20030444350P	20030201	US20030424553	20030428
US20030488273P	20030718	US20030659760	20030910	US20030528106P	20031208
US20030749101	20031230				

Assignee(s): (std): LETELLIER LAURA M ; MARTUCCI JAMES P ; NOTESTINE MARK ; WILKES GORDON J ; BAXTER INT

Inventor(s): (std): LETELLIER LAURA M ; MARTUCCI JAMES P ; NOTESTINE MARK ; WILKES GORDON J

Agent(s): K AND L GATES LLP

Title: SYSTEM AND METHOD FOR NOTIFICATION AND ESCALATION OF MEDICAL DATA

Abstract: A system and method is disclosed for executing at least one of an alarm or an alert escalation process within a healthcare environment.

Classifications:

International (IPC 8-9): A61K9/22 G06F19/00 G06Q10/00

G06Q50/00 H03F1/26 (Advanced/Invention);

H03F1/26 (Core/Invention);

G06F (Subclass/Invention)

International (IPC 1-7): H03F1/26

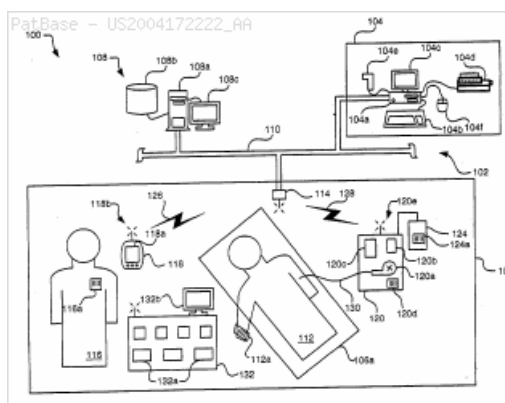
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A61B5/002 A61B5/7405 A61B5/742 A61B5/746 G08B21/02

G06F19/3418 G08B25/005 G08B25/001 G08B25/007 G16H40/20

US: 702/189 702/189P 705/2 705/3



Family:

Publication number	Publication date	Application number	Application date
US2004172222 AA	20040902	US20030749102	20031230
US8775196 BB	20140708	US20030749102	20031230

Priority:

US20020059929	20020129	US20020135180	20020430	US20030444350P	20030201
US20030424553	20030428	US20030488273P	20030718	US20030659760	20030910
US20030528106P	20031208	US20030749102	20031230		

Probable Assignee: BAXTER INT INC

Assignee(s): (std): LETELLIER LAURA M ; MARTUCCI JAMES P ; SIMPSON THOMAS L C ; WILKES GORDON J ; BAXTER INT

Assignee(s): BAXTER INT INC

Inventor(s): (std): LETELLIER LAURA M ; MARTUCCI JAMES P ; SIMPSON THOMAS L C ; WILKES GORDON J

Agent(s): K AND L GATES LLP

Title: METHOD AND SYSTEM FOR INTEGRATING DATA FLOWS

Abstract: A system and method is disclosed for a clinician to obtain information wherein two user interface flows can be integrated together. One user interface flow originates from a validated computer and the other user interface flow originates from a non-validated computer wherein Web pages from the non-validated computer are routed into a conduit residing in the validated computer. Web pages that do not necessitate interaction with the validated computer are routed unmodified to a user terminal. Further, Web pages that do necessitate interaction are indicated as such by the non-validated computer wherein these pages are merged with information originating from the validated computer and then routed to the user terminal.

Classifications:

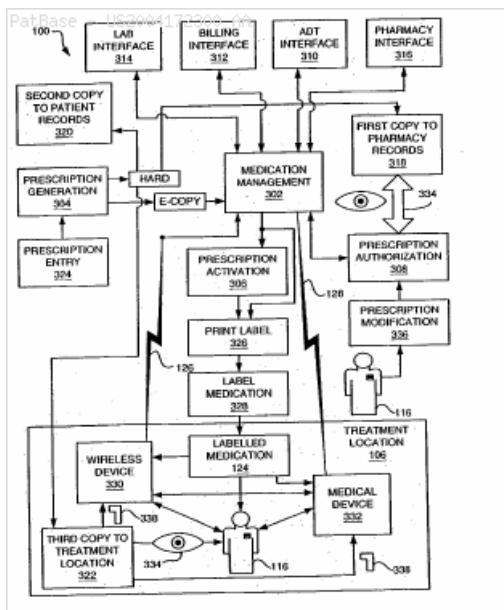
International (IPC 8-9): A61B5/00 A61K9/22 A61M31/00 G06F19/00
G09G5/00 (Advanced/Invention);
A61B5/00 A61K9/22 A61M31/00 G06F19/00
G09G5/00 (Core/Invention);
G06F (Subclass/Invention)

International (IPC 1-7): G06F17/60

CPC: A61B5/0002 A61B5/411 A61B5/4839 A61B2560/0271
G06F19/3418 G06Q50/22 G06Q50/24

European: A61B5/00B A61B5/41B A61B5/48J2 G06F19/34C
G06Q50/22 G06Q50/24 K61B560/02H2

US: 705/2 705/2P 705/3 705/3S

**Family:**

Publication number	Publication date	Application number	Application date
US2004172300 AA	20040902	US20030748593	20031230

Priority:

US20020135180	20020430	US20030444350P	20030201	US20030424553	20030428
US20030488273P	20030718	US20030659760	20030910	US20030528106P	20031208
US20030748593	20031230				

Probable Assignee: BAXTER INT INC

Assignee(s): BAXTER INT ; BAXTER INT INC ; LETELLIER LAURA M ; MARTUCCI JAMES P ; MIHAI DAN M ; NOTESTINE MARK

Inventor(s): (std): LETELLIER LAURA M ; MARTUCCI JAMES P ; MIHAI DAN M ; NOTESTINE MARK

Title: METHOD AND SYSTEM FOR MEDICAL DEVICE CONNECTIVITY

Abstract: A system is disclosed having a medical device that initiates a communication with a centrally situated server. During this interaction, status and programming information is sent from the medical device to the server. The server stores the information temporarily and dispatches a processed version of the real time or compiled information to the appropriate terminal device when the terminal device initiates its communication or when significant events need to be dispatched to the terminal device.

Classifications:

International (IPC 8-9): A61B5/00 A61K9/22 A61M31/00 G06F19/00 G09G5/00 (Advanced/Invention);

A61B5/00 A61K9/22 A61M31/00 G06F19/00

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G06F (Subclass/Invention)

International (IPC 1-7): A61B5/00 G06F17/60

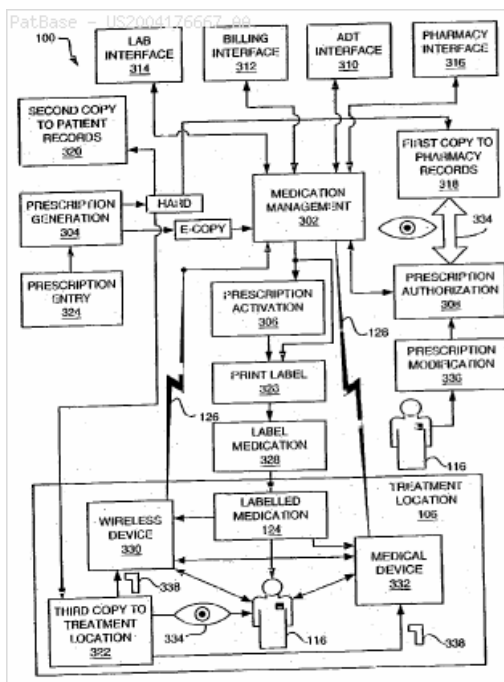
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A61N1/37282 G06F19/3418 G06Q50/22

European: A61B5/00B A61B5/41B A61B5/48J2 G06F19/34C

G06Q50/22 K61B560/02H2 K61N1/372D8R

US: 600/300 600/300P 705/2 705/2S



Family:

Publication number	Publication date	Application number	Application date
US2004176667 AA	20040909	US20030748749	20031230

Priority:

US20020135180	20020430	US20030444350P	20030201	US20030424553	20030428
US20030488273P	20030718	US20030659760	20030910	US20030528106P	20031208
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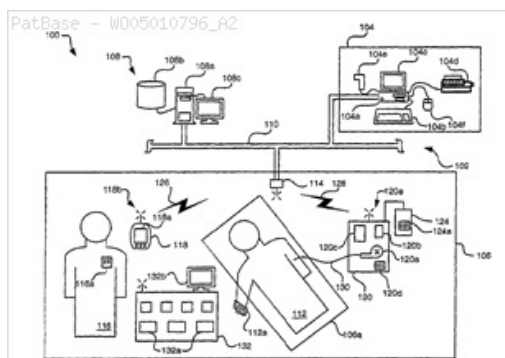
Probable Assignee: BAXTER INT INC

Assignee(s): BAXTER INT ; BAXTER INT INC ; LETELLIER LAURA M ; MARTUCCI JAMES P ; MIHAI DAN M ; NOTESTINE MARK

Inventor(s): (std): NOTESTINE MARK ; MIHAI DAN M ; MARTUCCI JAMES P ; LETELLIER LAURA M

Title: WIRELESS MEDICAL COMMUNICATION SYSTEM AND METHOD

Abstract: A system and method is disclosed for a user interface (118) for medical devices (120) and systems within a healthcare/medication delivery system and/or medication information technology system. The user interface (118) has a housing, a processor, a memory, a communications interface for providing communication between the user interface (118) and a medical device/controller (120) and for providing communications between the user interface (118) and a first central computer (109), and a display for displaying a medical prompt and for displaying medical information received from the first central computer (109). The user interface also provides for indicating the loss of a wireless communication link within a healthcare facility.

Classifications:**International (IPC 1-7):** G06F17/60 G06F19/00**CPC:** G16H40/63 G06F19/3456 G06F19/3418**European:** G06F19/34A G06F19/34C G06F19/34L**Family:**

Publication number	Publication date	Application number	Application date
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WO05010796 A3	20060105	WO2004US22783	20040715

Priority:

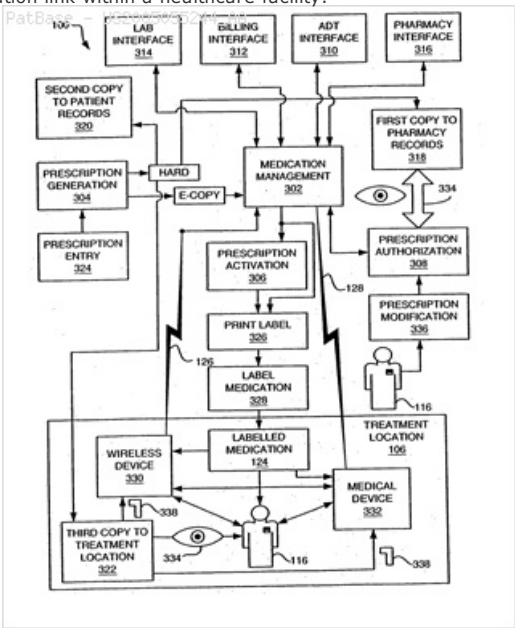
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US20040822559 20040412		

Probable Assignee: BAXTER INT**Assignee(s):** (std): LETELLIER LAURA M ; MARTUCCI JAMES P ; MULLAN JANET ; MIHAI DAN M ; WILKES GORDON J ; BAXTER INT**Assignee(s):** BAXTER INT INC ; BAXTER INTERNATIONAL INC**Inventor(s):** (std): WILKES GORDON J ; MULLAN JANET ; MIHAI DAN M ; MARTUCCI JAMES P ; LETELLIER LAURA M**Designated states:** AE AG AL AM AT AU AZ BA BB BE BF BG BJ BR BW BY BZ CA CF CG CH CI CM CN CO CR CU CY CZ DE DK DM DZ EC EE EG ES FI FR GA GB GD GE GH GM GN GQ GR GW HR HU ID IE IL IN IS IT JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MC MD MG MK ML MN MR MW MX MZ NA NE NI NL NO NZ OM PG PH PL PT RO RU SC SD SE SG SI SK SL SN SY SZ TD TG TJ TM TN TR TT TZ UA UG US UZ VC VN YU ZA ZM ZW

Title: WIRELESS MEDICAL COMMUNICATION SYSTEM AND METHOD

Abstract: A system and method is disclosed for a user interface for medical devices and systems within a healthcare/medication delivery system and/or medication information technology system. The user interface has a housing, a processor, a memory, a communications interface for providing communication between the user interface and a medical device/controller and for providing communications between the user interface and a first central computer, and a display for displaying a medical prompt and for displaying medical information received from the first central computer. The user interface also provides for indicating the loss of a wireless communication link within a healthcare facility.

Classifications:
International (IPC 1-7): G06F17/60
CPC: G06Q50/22 G06F19/3418
European: G06Q50/22
US: 705/2 705/2P



Family:

Publication number	Publication date	Application number	Application date
US2005055244 AA	20050310	US20040890831	20040714

Priority:

US20030488273P 20030718	US20030659760 20030910	US20030528106P 20031208
US20040890831 20040714		

Probable Assignee: BAXTER INT INC

Assignee(s): BAXTER INT ; BAXTER INT INC ; LETELLIER LAURA M ; MARTUCCI JAMES P ; MIHAI DAN M ; MULLAN JANET ; WILKES GORDON J

Inventor(s): (std): LETELLIER LAURA M ; MARTUCCI JAMES P ; MIHAI DAN M ; MULLAN JANET ; WILKES GORDON J

Inventor(s): LETELLIER LAURA ; WILKES GORDON ; MIHAI DAN ; MARTUCCI JAMES

Agent(s): FRANCIS C KOWALIK ESQ CORPORATE COUNSEL LAW DEPARTMENT

Title: SEPARATION OF VALIDATED INFORMATION AND FUNCTIONS IN A HEALTHCARE SYSTEM

Abstract: A healthcare system is provided for a care-giving facility. The healthcare system has a medical device, a user interface, a first central computer, and a second central computer. The first central computer has a first database and a first functional feature set associated with the data and functions related to the medical device and the user interface. The medical device and user interface communicate directly with first central computer. The second central computer has a second database and a second functional feature set. The first central computer is securely connected to the second computer, and the medical device and the user interface do not communicate directly with the second central computer. The user interface can receive data from the second database relating to the second functional feature set of the second central computer through the first central computer.

Classifications:

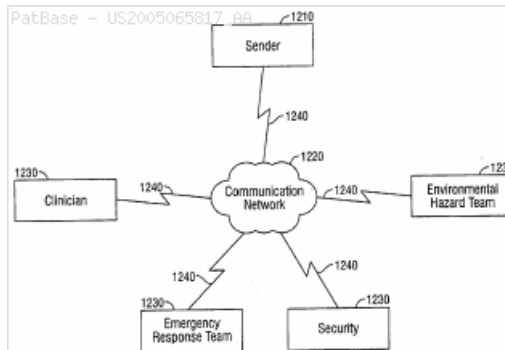
International (IPC 8-9): A61B5/00 A61K9/22 A61M31/00 G06F19/00 G09G5/00 (Advanced/Invention);
A61B5/00 A61K9/22 A61M31/00 G06F19/00 G09G5/00 (Core/Invention);
G06F (Subclass/Invention)

International (IPC 1-7): G06F17/60

CPC: A61B5/0002 A61B5/411 A61B5/4839 A61B2560/0271 G06F19/3418 G06Q50/22

European: A61B5/00B A61B5/41B A61B5/48J2 G06F19/34C G06Q50/22 K61B560/02H2

US: 705/2 705/2P



Family:

Publication number	Publication date	Application number	Application date
US2005065817 AA	20050324	US20030749099	20031230

Priority:

US20020135180	20020430	US20030444350P	20030201	US20030424553	20030428
US20030488273P	20030718	US20030659760	20030910	US20030528106P	20031208
US20030749099	20031230				

Probable Assignee: BAXTER INT INC

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Inventor(s): MIHAI DAN ; MARTUCCI JAMES ; LETELLIER LAVRA

Agent(s): FRANCIS C KOWALIK ESQ BAXTER INT INC

Title: SYSTEM AND METHOD FOR MEDICAL DATA TRACKING, ANALYSIS AND REPORTING FOR A HEALTHCARE SYSTEM

Abstract: A system and method is disclosed for a remote multi-purpose user interface for medical devices and systems within a healthcare / medication delivery system and/or medication information technology system. The multi-purpose user interface has a housing, a processor, a memory, a communications interface for providing communication between the user interface and a medical device and for providing communications between the user interface and a first central computer, and a display for displaying a medical prompt and for displaying medical information received from the first central computer. The user interface is configured to communicate and interact with a plurality of medical treatment devices in a one to many manner to control operation of the plurality of medical devices. A system and method is also disclosed for medical data tracking, analyzing and reporting within a healthcare system. The system can further integrate vital signs and infusion pump monitoring and reporting, and allow for enhanced provision of medical care through interface screens which combine this functionality. The system can also provide for control from a central interface screen utilizing this integrated functionality.

Classifications:

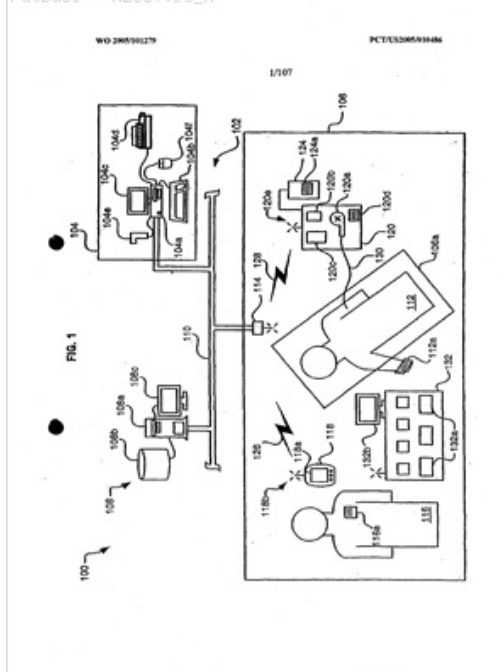
International (IPC 8-9): A61G99/00 G06F19/00 (Advanced/Invention)

International (IPC 1-7): G06F19/00

CPC: G06F19/3468 G16H15/00 Y02A90/22 Y02A90/26

European: G06F19/34A G06F19/34C G06F19/34L G06F19/34P

PatBase - NZ550096_R



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Publication number	Publication date	Application number	Application date
AU2005233945 AA	20051027	AU20050233945	20050329
AU2005233945 BB	20110127	AU20050233945	20050329
CA2556841 AA	20060817	CA20052556841	20050329
CA2556841 C	20150106	CA20052556841	20050329
EP1763810 A2	20070321	EP20050734940	20050329
NZ550096 A	20080731	NZ20050550096	20050329

Priority:

US20040822559 20040412 WO2005US10486 20050329

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Agent(s): PETER MAXWELL AND ASSOCIATES; SIM AND MCBURNEY

Designated states: AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HU IE IS IT LI LT LU MC NL PL PT RO SE SI SK TR

Title: IDENTIFICATION SYSTEM AND METHOD FOR MEDICATION MANAGEMENT

Abstract: An identification system and method for medication management comprises a controller, a drug library accessible by the controller, the drug library containing drug library profiles including a data set of drug information, and an identification module configured to read patient identification information from machine-readable identification devices worn by patients and to read drug information from machine-readable identification devices affixed to drugs or containers of drugs. The controller compares the read information to each other and to the drug library profile and provides alerts or error signals in the event of an inconsistency. In one case, identification devices are read by an optical reader fixedly mounted to the identification module. In another case, identification devices are read by an optical reader that is hand-held and mobile and can be moved to the location of the identification device. The hand-held reader communicates with the identification module by wired or wireless means. In another case, a third reader that is non-optical and wireless is fixedly mounted to the identification module. The controller is also configured to provide alerts or error messages in the event that there is an inconsistency between the drug information on the drug or drug container when compared to the drug library profile associated with the controller.

Classifications:

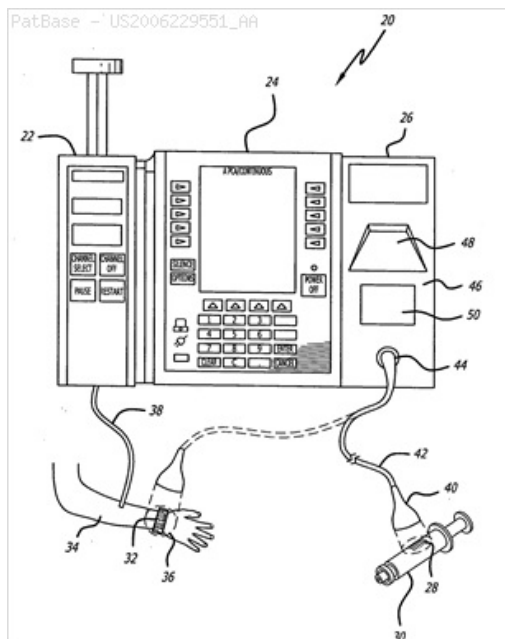
International (IPC 8-9): A61M31/00 A61M5/00 A61M5/172 A61M5/20 G06F17/40 G06F19/00 G06K9/00 G06Q10/0010 G06Q50/00 G06Q50/22 (Advanced/Invention); G06Q50/00 H04W4/12 (Advanced/Non-invention); G06F (Subclass/Invention)

International (IPC 1-7): G06F19/00

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European: A61M5/172 G06F19/34L3 G06Q50/22 K61M205/60B K61M205/60P2 K61M5/14M S06F19/32C1 S06F19/32E3

US: 604/67 604/67P 705/2

**Family:**

Publication number	Publication date	Application number	Application date
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BRPI0608242 A2	20091201	BR2006PI08242	20060211
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Priority:

US20050652134 20050211 US20050652134P 20050211 EP20060720667 20060211
 JP20070555300 20060211 US20060351854 20060211 WO2006US04940 20060211
 RU20070133840 20070910

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LAFLEUR HENDERSON LLP; NAISMITH ROBERT STEWART ET AL; NAISMITH ROBERT STEWART;
RICHARDS JOHN; FULWIDER PATTON; MCDERMOTT WILL AND EMERY LLP

Designated states: AE AG AL AM AT AU AZ BA BB BE BF BG BJ BR BW BY BZ CA CF CG CH CI CM CN CO CR CU CY CZ
DE DK DM DZ EC EE EG ES FI FR GA GB GD GE GH GM GN GQ GR GW HR HU ID IE IL IN IS IT JP KE
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