

Doc Code: . . .

PTO/SB/16 (10-05)
Approved for use through 07/31/2006. OMB 0651-0032
U.S. Patent and Trademark Office, U.S. DEPARTMENT OF COMMERCE

Under the Paperwork Reduction Act of 1995, no persons are required to respond to a collection of information unless it displays a valid OMB control number.

PROVISIONAL APPLICATION FOR PATENT COVER SHEET - Page 1 of 2

This is a request for filing a PROVISIONAL APPLICATION FOR PATENT under 37 CFR 1.53(c).

Express Mail Label No. EV 404 967 815 US



021306

22764

U.S. PTO

INVENTOR(S)		
Given Name (first and middle [if any])	Family Name or Surname	Residence (City and either State or Foreign Country)
Williams F. James M.	Collins, Jr. Allen	Columbus, Indiana Batesville, Indiana
Keith A. Carl W.	Huster Riley	Sunman, Indiana Milan, Indiana
Tricia A. Irvin J.	Glidewell Vanderpohl, III	Apex, North Carolina Greensburg, Indiana
Richard J. Benjamin E.	Schuman Howell	Cary, North Carolina Fuquay-Varina, North Carolina
Timothy D.	Wildman	Metamora, Indiana
Additional inventors are being named on the _____ separately numbered sheets attached hereto		
TITLE OF THE INVENTION (500 characters max):		
WIRELESS BED CONNECTIVITY		
Direct all correspondence to: CORRESPONDENCE ADDRESS		
<input checked="" type="checkbox"/> The address corresponding to Customer Number:		23643
OR		
<input type="checkbox"/> Firm or Individual Name		
Address		
City	State	ZIP
Country	Telephone	Email
ENCLOSED APPLICATION PARTS (check all that apply)		
<input type="checkbox"/> Application Data Sheet. See 37 CFR 1.76		<input type="checkbox"/> CD(s), Number of CDs _____
<input checked="" type="checkbox"/> Specification <i>Number of Pages</i> <u>51</u>		<input checked="" type="checkbox"/> Other (specify) <u>Certificate Under 37 CFR 1.10</u>
<input checked="" type="checkbox"/> Drawing(s) <i>Number of Sheets</i> <u>14</u>		<u>Appendixes 1-5 (74 pages)</u>
<small>Fees Due: Filing Fee of \$200 (\$100 for small entity). If the specification and drawings exceed 100 sheets of paper, an application size fee is also due, which is \$250 (\$125 for small entity) for each additional 50 sheets or fraction thereof. See 35 U.S.C. 41(a)(1)(G) and 37 CFR 1.16(s).</small>		
METHOD OF PAYMENT OF THE FILING FEE AND APPLICATION SIZE FEE FOR THIS PROVISIONAL APPLICATION FOR		
<input type="checkbox"/> Applicant claims small entity status. See 37 CFR 1.27.		\$450.00 TOTAL FEE AMOUNT (\$)
<input checked="" type="checkbox"/> A check or money order is enclosed to cover the filing fee and application size fee (if		
<input type="checkbox"/> Payment by credit card. Form PTO-2038 is attached.		
<input checked="" type="checkbox"/> The Director is hereby authorized to charge the filing fee and application size fee (if applicable) or credit any overpayment to		
Account Number: <u>10-0435</u> . A duplicative copy of this form is enclosed for fee processing.		

112966 U.S. PTO
60773286



021306

USE ONLY FOR FILING A PROVISIONAL APPLICATION FOR PATENT

This collection of information is required by 37 CFR 1.51. The information is required to obtain or retain a benefit by the public which is to file (and by the USPTO to process) an application. Confidentiality is governed by 35 U.S.C. 122 and 37 CFR 1.11 and 1.14. This collection is estimated to take 8 hours to complete, including gathering, preparing, and submitting the completed application to the USPTO. Time will vary depending upon the individual case. Any comments on the amount of time you require to complete this form and/or suggestions for reducing this burden, should be sent to the Chief Information Officer, U.S. Patent and Trademark Office, U.S. Department of Commerce, P.O. Box 1450, Alexandria, VA 22313-1450. DO NOT SEND FEES OR COMPLETED FORMS TO THIS ADDRESS. SEND TO: Commissioner for Patents, P.O. Box 1450, Alexandria, VA 22313-1450.

If you need assistance in completing the form, call 1-800-PTO-9199 and select option 2.

Doc Code:

PROVISIONAL APPLICATION COVER SHEET

Page 2 of 2

PTO/SB/16 (10-05)
Approved for use through 07/31/2006. OMB 0651-0032
U.S. Patent and Trademark Office; U.S. DEPARTMENT OF COMMERCE

Under the Paperwork Reduction Act of 1995, no persons are required to respond to a collection of information unless it displays a valid OMB control number.

The invention was made by an agency of the United States Government or under a contract with an agency of the United States Government.

No.

Yes, the name of the U.S. Government agency and the Government contract number are: _____

WARNING:

Petitioner/applicant is cautioned to avoid submitting personal information in documents filed in a patent application that may contribute to identity theft. Personal information such as social security numbers, bank account numbers, or credit card numbers (other than a check or credit card authorization form PTO-2038 submitted for payment purposes) is never required by the USPTO to support a petition or an application. If this type of personal information is included in documents submitted to the USPTO, petitioners/applicants should consider redacting such personal information from the documents before submitting them to the USPTO. Petitioner/applicant is advised that the record of a patent application is available to the public after publication of the application (unless a non-publication request in compliance with 37 CFR 1.213(a) is made in the application) or issuance of a patent. Furthermore, the record from an abandoned application may also be available to the public if the application is referenced in a published application or an issued patent (see 37 CFR 1.14). Checks and credit card authorization forms PTO-2038 submitted for payment purposes are not retained in the application file and therefore are not publicly available.

SIGNATURE Ronald S. Henderson Date February 13, 2006

TYPED or PRINTED NAME Ronald S. Henderson REGISTRATION NO. 43669
(if appropriate)

TELEPHONE 317-231-7341 Docket 7175-76311

BARNES & THORNBURG LLP

11 South Meridian Street
Indianapolis, Indiana 46204-3535 U.S.A.
(317) 236-1313
Fax (317) 231-7433

021306
22764 U.S. PTO

IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

Group: Unknown
Attorney Docket: 7175-76311
Applicant: Williams F. Collins, Jr. et al.
Invention: WIRELESS BED CONNECTIVITY
Filed: Herewith (February 13, 2006)
Examiner: Unknown

CERTIFICATE UNDER 37 C.F.R. § 1.10

Commissioner for Patents
P. O. Box 1450
Alexandria, VA 22313-1450

Express Mail label number: EV 404 967 815 US

Date of deposit: February 13, 2006

Sir:

I hereby certify that the enclosed paper or fee is being deposited with the United States Postal Service as "Express Mail Post Office to Addressee" service under 37 C.F.R. §1.10 on the date indicated above addressed to the Commissioner for Patents, P. O. Box 1450, Alexandria, VA 22313-1450.

Respectfully submitted,

Ronald S. Henderson

Signature

Ronald S. Henderson

Typed or Printed Name

Enclosure
Indianapolis, Indiana
(317) 231-7341

EXPRESS MAIL NUMBER EV 404 967 815 US

PATENT APPLICATION
of
WILLIAMS F. COLLINS, JR.

JAMES M. ALLEN

KEITH A. HUSTER

CARL W. RILEY

TRICIA A. GLIDEWELL

IRVIN J. VANDERPOHL III

RICHARD J. SCHUMAN

and

CHRISTOPHER A. MATHURA
for
CONFIGURABLE SYSTEM FOR ALERTING CAREGIVERS

Client Reference N1-17130
Attorney Docket 7175-78408

INDS02 RSH 740330v1

WIRELESS BED CONNECTIVITY

[0001] It is envisioned that any utility application which will claim the benefit under 35 U.S.C. § 119(e) of this provisional application will also claim priority as a continuation-in-part of U.S. Patent Application No. 11/189,781, which was filed on July 27, 2005 and which claimed the benefit, under 35 U.S.C. § 119(e), of U.S. Provisional Patent Application Serial No. 60/652,699 filed February 14, 2005; of U.S. Provisional Patent Application Serial No. 60/642,692 filed January 10, 2005; and of U.S. Provisional Patent Application Serial No. 60/598,045 filed August 2, 2004; each of which is hereby incorporated by reference herein in its entirety.

BACKGROUND OF THE INVENTION

[0002] The present disclosure relates to hospital beds and particularly, to data communication from hospital beds to other devices in a healthcare facility. More particularly, the present disclosure relates to data communication from hospital beds to remote computer devices and/or to portable wireless communication devices carried by caregivers.

[0003] Some hospital beds are configured to communicate information to a nurse call system. Such nurse call systems typically have a computer at a remote nurse's station with a display on which information concerning bed status is shown. One or more nurse call buttons are sometimes provided on a hospital bed, such as on one or more siderails of the bed and/or on a handheld pendant that is coupled to the bed. A patient may press one of the nurse call buttons to request to speak with a nurse. A nurse at the remote nurse's station and the patient may communicate with each other over a two-way communications link which includes audio circuitry, such as a microphone and a speaker included on the bed or mounted on a room wall near the bed. In addition, the nurse at the remote nurse's station may use the computer to establish a two-way communications link between the remote nurse's station and a caregiver at some other location in a healthcare facility and/or between the patient placing the nurse call and a caregiver at some other

Explore Litigation Insights

Docket Alarm provides insights to develop a more informed litigation strategy and the peace of mind of knowing you're on top of things.

Real-Time Litigation Alerts



Keep your litigation team up-to-date with **real-time alerts** and advanced team management tools built for the enterprise, all while greatly reducing PACER spend.

Our comprehensive service means we can handle Federal, State, and Administrative courts across the country.

Advanced Docket Research



With over 230 million records, Docket Alarm's cloud-native docket research platform finds what other services can't. Coverage includes Federal, State, plus PTAB, TTAB, ITC and NLRB decisions, all in one place.

Identify arguments that have been successful in the past with full text, pinpoint searching. Link to case law cited within any court document via Fastcase.

Analytics At Your Fingertips



Learn what happened the last time a particular judge, opposing counsel or company faced cases similar to yours.

Advanced out-of-the-box PTAB and TTAB analytics are always at your fingertips.

API

Docket Alarm offers a powerful API (application programming interface) to developers that want to integrate case filings into their apps.

LAW FIRMS

Build custom dashboards for your attorneys and clients with live data direct from the court.

Automate many repetitive legal tasks like conflict checks, document management, and marketing.

FINANCIAL INSTITUTIONS

Litigation and bankruptcy checks for companies and debtors.

E-DISCOVERY AND LEGAL VENDORS

Sync your system to PACER to automate legal marketing.