



(12) **EUROPEAN PATENT APPLICATION**

(88) Date of publication A3:
18.06.2014 Bulletin 2014/25

(51) Int Cl.:
A61B 5/00 (2006.01) **G06F 19/00 (2011.01)**
A61B 5/022 (2006.01)

(43) Date of publication A2:
29.11.2006 Bulletin 2006/48

(21) Application number: **06017914.0**

(22) Date of filing: **20.09.2000**

(84) Designated Contracting States:
AT BE CH CY DE DK ES FI FR GB GR IE IT LI LU MC NL PT SE
Designated Extension States:
AL LT LV MK RO SI

(30) Priority: **21.09.1999 US 155012 P**

(62) Document number(s) of the earlier application(s) in accordance with Art. 76 EPC:
00963671.3 / 1 229 821

(71) Applicant: **Honeywell HomMed LLC**
Brookfield WI 53045 (US)

(72) Inventors:
• **Peddicord, Herschel Q.**
Brookfield, WI 53045 (US)
• **Tabor, Kent A.**
Mequon, WI 53092 (US)

(74) Representative: **Popp, Eugen et al**
Meissner, Bolte & Partner GbR
Postfach 86 06 24
81633 München (DE)

(54) **In-home patient monitoring system**

(57) A system for remotely monitoring the medical condition of a number of individual patients from a centralized location. The system includes a plurality of remote monitoring units that each include both a wireless transmission device and a conventional modem for communicating over voice telephone lines. The dual modes of transmission allow the remote monitoring unit to communicate either over a wireless communication network, if available or over conventional telephone wires. Once the vital sign data has been acquired, the control unit of the remote monitoring unit determines whether a wireless transmission network is available. Based on the availability of the wireless communication network, the control unit of the remote monitoring unit selects either a wireless transmission or a conventional modem transmission method for the vital sign data. The vital sign data is compiled in a main data collection station that stores and displays the vital sign data for each patient being monitored. The vital sign data contained within the main data collection station is accessible by multiple workstations through conventional web-based communication techniques.

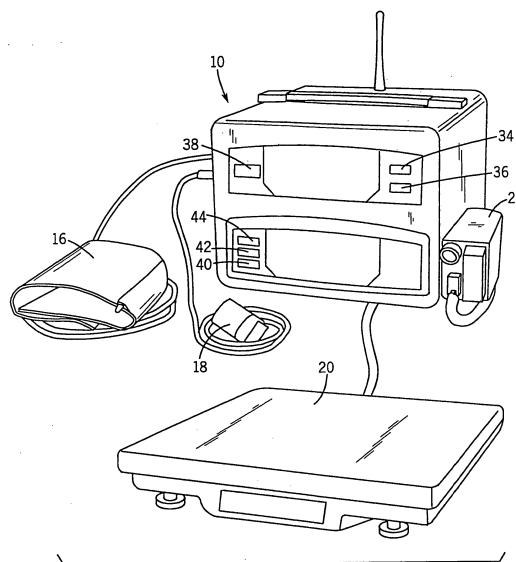


FIG. 1



EUROPEAN SEARCH REPORT

Application Number
EP 06 01 7914

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Category	Citation of document with indication, where appropriate, of relevant passages	Relevant to claim	CLASSIFICATION OF THE APPLICATION (IPC)
X	WO 98/20439 A (ROMAN) 14 May 1998 (1998-05-14) * abstract; figures 1-4 * * page 5, line 25 - page 6, line 1 * * page 6, line 7 - page 8, line 14 * * page 10, line 2 - page 12, line 30 * * page 14, line 21 - page 15, line 5 * * page 17, line 22 - page 18, line 28 * * page 20, line 5 - page 23, line 18 * -----	1-6	INV. A61B5/00 G06F19/00 ADD. A61B5/022
X	US 5 564 429 A (BORN ET AL.) 15 October 1996 (1996-10-15) * abstract; figures 1-5, 16-22 * * column 2, line 60 - column 4, line 52 * * column 6, line 44 - column 8, line 34 * * column 9, line 47 - column 15, line 33 * * column 35, line 61 - column 38, line 21 * -----	1-3	
A		4-6	
A	WO 99/27483 A1 (HEALTH HERO NETWORK INC [US]; BROWN STEPHEN J [US]) 3 June 1999 (1999-06-03) * abstract; figures 1,2 * * page 4, lines 15-17 * * page 5, lines 14-16 * * page 8, line 5 - page 9, line 28 * * page 10, line 26 - page 11, line 37 * * page 22, line 20 - page 23, line 18 * -----	1-6	TECHNICAL FIELDS SEARCHED (IPC) A61B G06F
The present search report has been drawn up for all claims			
Place of search The Hague		Date of completion of the search 9 May 2014	Examiner Carta, Riccardo
CATEGORY OF CITED DOCUMENTS X : particularly relevant if taken alone Y : particularly relevant if combined with another document of the same category A : technological background O : non-written disclosure P : intermediate document		T : theory or principle underlying the invention E : earlier patent document, but published on, or after the filing date D : document cited in the application L : document cited for other reasons & : member of the same patent family, corresponding document	

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EPO FORM 1503 03.82 (P04C01)

**ANNEX TO THE EUROPEAN SEARCH REPORT
ON EUROPEAN PATENT APPLICATION NO.**

EP 06 01 7914

This annex lists the patent family members relating to the patent documents cited in the above-mentioned European search report.
The members are as contained in the European Patent Office EDP file on
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09-05-2014

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EPO FORM P0459

For more details about this annex : see Official Journal of the European Patent Office, No. 12/82

专利名称(译)	家庭病人监护系统		
公开(公告)号	EP1726257A3	公开(公告)日	2014-06-18
申请号	EP2006017914	申请日	2000-09-20
[标]申请(专利权)人(译)	HONEYWELL HOMMED		
申请(专利权)人(译)	HONEYWELL HOMMED LLC		
当前申请(专利权)人(译)	HONEYWELL HOMMED LLC		
[标]发明人	PEDDICORD HERSCHEL Q TABOR KENT A		
发明人	PEDDICORD, HERSCHEL Q. TABOR, KENT A.		
IPC分类号	A61B5/00 G06F19/00 A61B5/022		
CPC分类号	A61B5/0002 A61B5/0015 A61B5/0022 A61B5/022 A61B5/7405 G06F19/00 G16H40/63 G16H40/67 G16H70/60 Y10S128/903 Y10S128/904		
代理机构(译)	POPP , EUGEN		
优先权	60/155012 1999-09-21 US		
其他公开文献	EP1726257B1 EP1726257A2		
外部链接	Espacenet		

摘要(译)

一种用于从集中位置远程监控多个个体患者的医疗状况的系统。该系统包括多个远程监控单元，每个远程监控单元包括无线传输设备和用于通过语音电话线进行通信的传统调制解调器。双重传输模式允许远程监控单元通过无线通信网络（如果可用）或通过传统电话线进行通信。一旦获取了生命体征数据，远程监测单元的控制单元就确定无线传输网络是否可用。基于无线通信网络的可用性，远程监控单元的控制单元为生命体征数据选择无线传输或传统的调制解调器传输方法。生命体征数据在主数据采集站中编译，该主数据采集站存储显示每个被监测患者的生命体征数据。主数据采集站内包含的生命体征数据可由多个工作站通过传统的基于网络的通信技术访问。

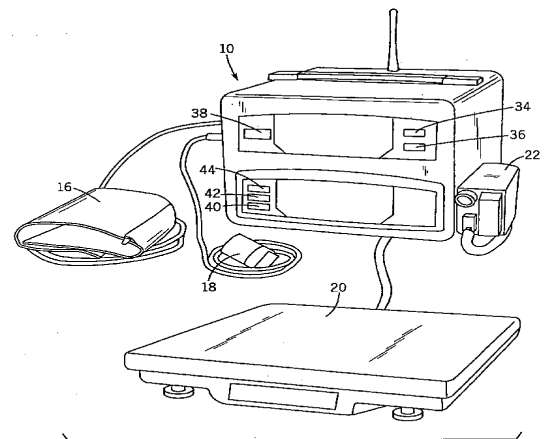


FIG. 1