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(12) **United States Design Patent**
Magee et al.

(10) **Patent No.:** **US D667,838 S**
(45) **Date of Patent:** **** Sep. 25, 2012**

(54) **PATIENT MONITORING DEVICE WITH GRAPHICAL USER INTERFACE**

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(**) Term: **14 Years**

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Related U.S. Application Data

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(51) **LOC (9) Cl.** **32-00**

(52) **U.S. Cl.** **D14/486**

(58) **Field of Classification Search** D14/485-495;
715/700-867

See application file for complete search history.

(56) **References Cited**

U.S. PATENT DOCUMENTS

D366,460 S 1/1996 Jorgensen
D427,574 S 7/2000 Sawada

D454,139 S 3/2002 Feldcamp
D465,226 S 11/2002 Friedman
D468,322 S 1/2003 Walker
6,707,476 B1 * 3/2004 Hochstedler 715/789
D510,582 S 10/2005 Hoang et al.
D523,440 S 6/2006 Hernandez

(Continued)

FOREIGN PATENT DOCUMENTS

EP 0 707 824 A2 4/1996

OTHER PUBLICATIONS

Colin Press-Mate Prodigy II® Portable Vital Signs Monitors, DRE, copyright 2009, 5 pages.

(Continued)

Primary Examiner — Deanna L Fluegeman

(74) *Attorney, Agent, or Firm* — Merchant & Gould P.C.

(57) **CLAIM**

The ornamental design for a patient monitoring device with graphical user interface, as shown and described.

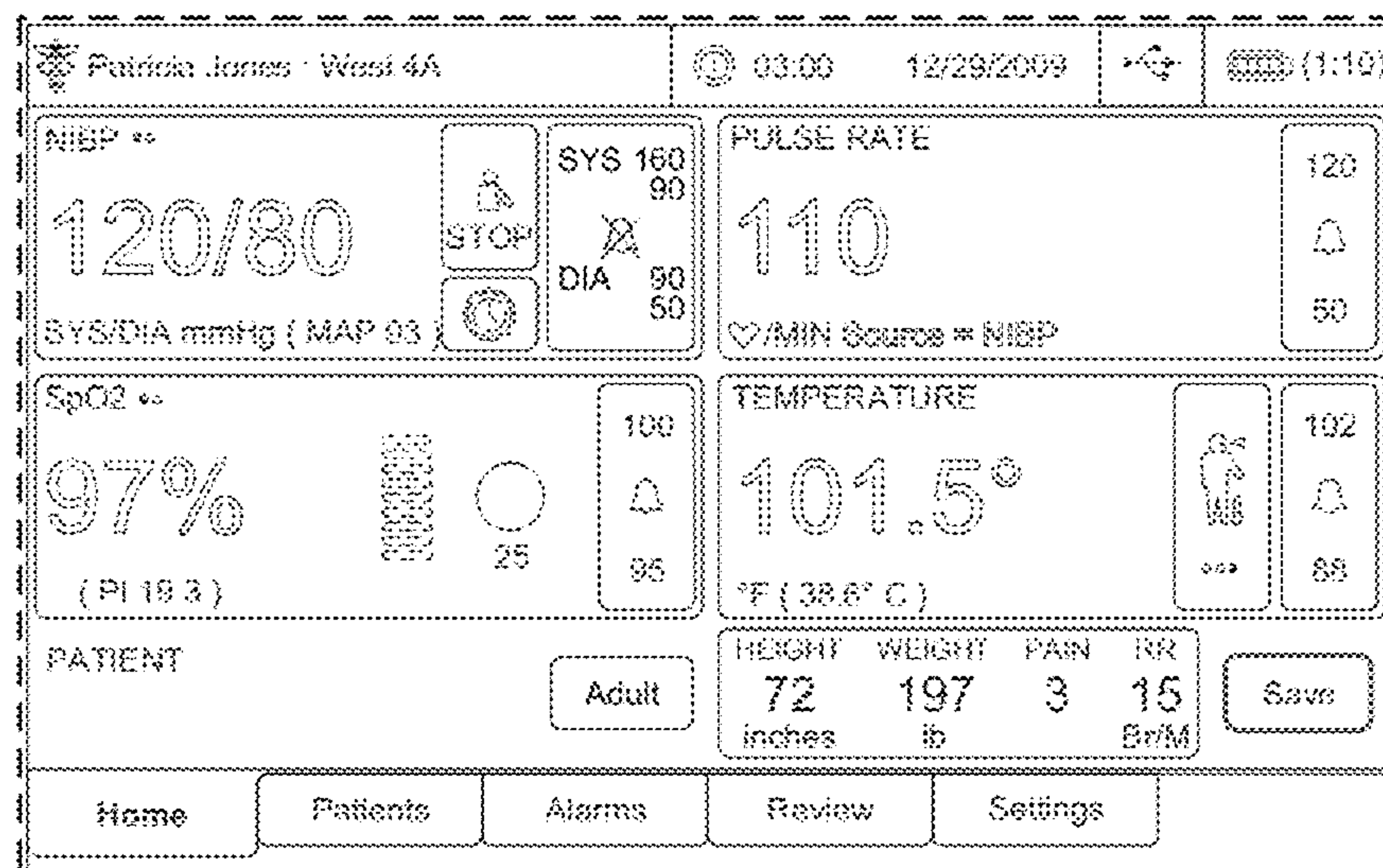
DESCRIPTION

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The single FIGURE is a front view of a patient monitoring device with a graphical user interface.

The broken line showing of the patient monitoring device is included for the purpose of illustrating the unclaimed environment of the graphical user interface and forms no part of the claimed design. The broken lines illustrating the unclaimed portions of the graphical user interface form no part of the claimed design.

1 Claim, 1 Drawing Sheet



US D667,838 S

Page 2

U.S. PATENT DOCUMENTS

D525,982	S	8/2006	Suzuki	
D527,011	S	8/2006	Bixler	
7,134,994	B2	11/2006	Alpert et al.	
D545,829	S *	7/2007	Fletcher	D14/485
7,336,187	B2	2/2008	Hubbard, Jr. et al.	
D575,296	S	8/2008	Fairfield	
D576,634	S *	9/2008	Clark et al.	D14/485
D586,818	S	2/2009	Luck	
D592,675	S	5/2009	Bhat	
D598,929	S	8/2009	Bhat	
D599,358	S *	9/2009	Hoefnagels et al.	D14/485
D603,416	S	11/2009	Poling	
D607,463	S *	1/2010	Krieter et al.	D14/485
D608,366	S	1/2010	Matas	
D612,860	S	3/2010	Tarara	
D614,634	S	4/2010	Nilsen	
D632,699	S	2/2011	Judy	
7,895,527	B2 *	2/2011	Zaleski et al.	715/804
D635,150	S	3/2011	Sykes	
D637,603	S *	5/2011	Godgart	D14/486
D640,264	S *	6/2011	Fujii et al.	D14/486
D643,043	S *	8/2011	Loken et al.	D14/486
8,001,967	B2 *	8/2011	Wallace et al.	128/204.21
D646,689	S	10/2011	Ulliot	
8,078,983	B2 *	12/2011	Davis et al.	715/771
D652,051	S *	1/2012	Judy et al.	D14/486
D656,153	S *	3/2012	Imamura et al.	D14/486
D656,157	S *	3/2012	Khan et al.	D14/486
D656,946	S *	4/2012	Judy et al.	D14/486
D658,667	S *	5/2012	Cho et al.	D14/486
2002/0054141	A1	5/2002	Yen	
2005/0114374	A1	5/2005	Juszkiewicz et al.	
2005/0229110	A1	10/2005	Gegner et al.	
2005/0288571	A1 *	12/2005	Perkins et al.	600/407
2006/0229557	A1	10/2006	Fathallah et al.	
2007/0167694	A1	7/2007	Causevic et al.	
2007/0185390	A1	8/2007	Perkins et al.	
2007/0276261	A1	11/2007	Banet et al.	
2008/0021379	A1 *	1/2008	Hickle	604/66
2008/0055074	A1	3/2008	Gao	

2008/0058614	A1	3/2008	Banet	
2008/0072896	A1 *	3/2008	Setzer et al.	128/200.24
2008/0077026	A1	3/2008	Banet	
2008/0103375	A1	5/2008	Kiani	
2008/0115081	A1	5/2008	Sankaravadivelu et al.	
2008/0249377	A1	10/2008	Molducci et al.	
2008/0281168	A1	11/2008	Gibson et al.	
2008/0318529	A1	12/2008	Harb	
2009/0054743	A1	2/2009	Stewart	
2009/0131761	A1	5/2009	Moroney, III et al.	
2009/0143652	A1	6/2009	Warburton et al.	
2009/0149927	A1	6/2009	Kneuer	
2009/0158415	A1	6/2009	Dillon	
2009/0240116	A1	9/2009	Bluth	
2009/0241958	A1 *	10/2009	Baker, Jr.	128/204.23
2009/0275810	A1	11/2009	Ayers	
2009/0306488	A1	12/2009	Al-Ali et al.	

OTHER PUBLICATIONS

Fingertip Pulse Oximeter SPO2 Monitor Oxygen Oximeter; copy-right 1995-2010, 6 pages.

Handheld Pulse Oximeter PM-60A, Contec Medical System Co. Ltd., Jul. 31, 2009; 5 pages.

Multiple Vital Signs from One Non-invasive Sensor, Starr™ Life Sciences Corp., copyright 2009, 1 page.

NTIA Handheld Pulse Oximeter, Frontline Systems; Dec. 31, 2009, 3 pages.

Portable Patient Monitors, Welch Allyn, MedDirect, copyright 2005-2006, 1 page.

U.S. Appl. No. 61/243,872, filed Sep. 18, 2009.

U.S. Appl. No. 12/751,579, filed Mar. 31, 2010.

U.S. Appl. No. 12/751,602, filed Mar. 31, 2010.

mCare 300 Vital Signs Monitor, Spacelabs Medical, Inc., copyright 2006, 4 pages.

Ultraview Dm3—Dual Mode Vital Signs Monitor, Spacelabs Healthcare, copyright 2010, 4 pages.

International Search Report and Written Opinion in PCT/US2010/048450 dated Apr. 12, 2011, 9 pages.

* cited by examiner



Patricia Jones : West 4A

03:00

12/29/2009



(1:10)

NIBP °C

120/80

SYS/DIA mmHg (MAP 93)



STOP



SYS 160
90

X

DIA 90
50

PULSE RATE

110

120

50

✓/MIN Source = NIBP

SpO2 °C

97%

(PI 19.3)



25

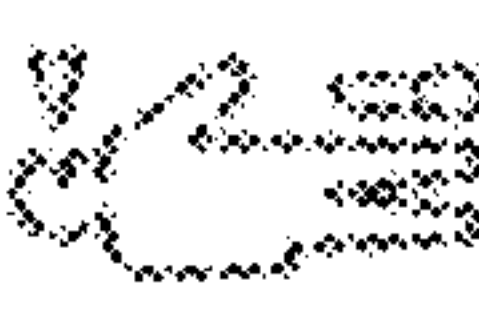
100

95

TEMPERATURE

101.5°

°F (38.6° C)



...

102

98

PATIENT

Adult

Save

HEIGHT 72
inches

WEIGHT 197
lb

PAIN 3

RR 15
Br/M

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