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(54) **MEDICAL DEVICE DISPLAY SCREEN OR PORTION THEREOF WITH GRAPHICAL USER INTERFACE**

5,148,154 A 9/1992 Mackay et al.
5,224,492 A 7/1993 Takahashi et al.
5,254,096 A 10/1993 Rondelet et al.
5,295,967 A 3/1994 Rondelet et al.
5,339,393 A 8/1994 Duffy et al.
5,438,510 A 8/1995 Bryant et al.

(Continued)

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FOREIGN PATENT DOCUMENTS

WO WO 2011/014704 A2 2/2011

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OTHER PUBLICATIONS

Test Drive—Dexcom’s G4 Platinum CGM, diatribe.org [online], published on Oct. 31, 2012, [retrieved on Feb. 5, 2021], retrieved from the Internet <URL: <https://diatribe.org/issues/48/test-drive>> (Year: 2012).*

(Continued)

(**) Term: **15 Years**

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Related U.S. Application Data

(63) Continuation of application No. 15/072,408, filed on Mar. 17, 2016, now abandoned, which is a continuation of application No. 13/800,453, filed on Mar. 13, 2013, now Pat. No. 10,357,606.

(57) **CLAIM**

We claim the ornamental design for a medical device display screen or portion thereof with graphical user interface, as shown and described.

(51) **LOC (13) Cl.** **14-04**

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

DESCRIPTION

(58) **Field of Classification Search**
USPC D14/485–495; D20/10, 11, 22–33, 39, D20/40; D5/20, 26, 30, 40, 63–65
CPC G06F 3/048–04897; G06F 19/3456; A61M 2205/35; A61M 5/003; A61M 2039/0205; A61M 2205/505
See application file for complete search history.

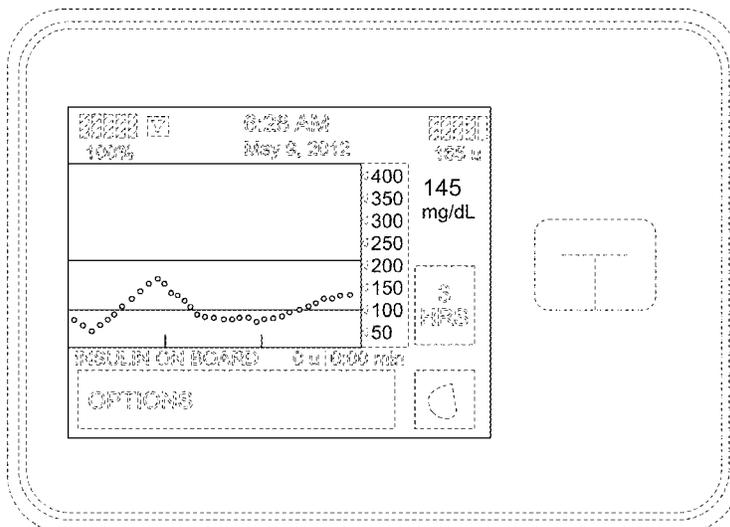
The sole FIGURE is a front view of a medical device display screen or portion thereof with graphical user interface. The outermost solid-line rectangle illustrates the perimeter of the display screen. The dashed broken lines outside the perimeter of the display screen illustrate portions of a medical device. The dashed broken lines within the perimeter of the screen illustrate portions of the graphical user interface. The dashed broken lines form no part of the claimed design. The dotted line plotted on the graph is included in the claimed design.

(56) **References Cited**

U.S. PATENT DOCUMENTS

4,443,218 A 4/1984 DeCant et al.
4,634,426 A 1/1987 Kamen

1 Claim, 1 Drawing Sheet



(56)

References Cited

U.S. PATENT DOCUMENTS

5,681,285	A	10/1997	Ford et al.	D771,650	S	11/2016	Yang
5,839,356	A	11/1998	Dornbush et al.	D771,690	S	11/2016	Yin et al.
6,040,834	A	3/2000	Jain et al.	9,486,578	B2	11/2016	Finan et al.
6,225,999	B1	5/2001	Jain et al.	D773,534	S	12/2016	Yuk et al.
6,229,584	B1	5/2001	Chuo et al.	D774,078	S	12/2016	Kisselev et al.
6,269,340	B1	7/2001	Ford et al.	D775,184	S	12/2016	Song et al.
6,289,248	B1	9/2001	Conley et al.	D779,505	S *	2/2017	Cabrera, Jr. D14/485
D454,574	S	3/2002	Wasko et al.	D780,199	S *	2/2017	Croan D14/486
6,540,996	B1	4/2003	Zwaal et al.	D784,401	S	4/2017	Joi
6,577,323	B1	6/2003	Jamieson et al.	D789,417	S	6/2017	Yamasaki et al.
6,641,533	B2	11/2003	Causey et al.	D789,968	S	6/2017	Mensingher et al.
6,710,051	B1	3/2004	Trier	9,715,327	B2	7/2017	Rosinko et al.
6,771,250	B1	8/2004	Oh	D794,650	S	8/2017	Lee et al.
6,810,290	B2	10/2004	Lebel et al.	D798,895	S	10/2017	Kim et al.
6,997,905	B2	2/2006	Gillespie, Jr. et al.	D808,990	S	1/2018	Ayvazian et al.
7,033,539	B2	4/2006	Krensky et al.	D808,998	S	1/2018	Wu et al.
D521,521	S	5/2006	Jewitt et al.	9,942,091	B2	4/2018	Harvey et al.
D531,637	S	11/2006	Chotai et al.	9,974,903	B1	5/2018	Davis et al.
7,247,428	B2	7/2007	Makrigrigorgos	D820,283	S	6/2018	Cabrera, Jr. et al.
7,248,263	B2 *	7/2007	Freeman G06T 11/206 345/440	D820,302	S	6/2018	Choi et al.
D557,272	S	12/2007	Glaser et al.	D822,695	S	7/2018	Iketsuki et al.
7,344,500	B2	3/2008	Talbot et al.	10,035,065	B2	7/2018	Schupak et al.
7,350,190	B2	3/2008	Torres et al.	D831,049	S	10/2018	Agarwal et al.
7,410,475	B2	8/2008	Krensky et al.	D834,594	S	11/2018	Anzures et al.
7,464,010	B2	12/2008	Yang et al.	D836,131	S	12/2018	Apodaca et al.
7,727,148	B2	6/2010	Talbot et al.	D844,643	S	4/2019	Cabrera, Jr.
7,877,703	B1	1/2011	Fleming	D847,147	S *	4/2019	Wesley D14/485
7,945,452	B2	5/2011	Fathallah et al.	D847,169	S	4/2019	Sombreiro et al.
7,988,850	B2	8/2011	Roncadi et al.	D849,036	S	5/2019	Fuller et al.
8,078,983	B2	12/2011	Davis et al.	D851,112	S	6/2019	Papolu et al.
8,114,066	B2	2/2012	Naef et al.	D852,809	S	7/2019	Rad et al.
8,121,689	B2	2/2012	Kalgten et al.	D852,811	S	7/2019	Babion
8,133,178	B2 *	3/2012	Brauker A61B 5/004 600/365	D852,811	S	7/2019	Babion
8,133,197	B2	3/2012	Blomquist et al.	D853,423	S *	7/2019	Zimmerman D14/486
D660,317	S	5/2012	Jesberger	D858,535	S	9/2019	Evans et al.
D664,982	S	8/2012	Rai et al.	D862,491	S *	10/2019	Janicki D14/485
D665,407	S	8/2012	Bitran et al.	D864,217	S *	10/2019	Farnan D14/485
8,237,715	B2	8/2012	Buck et al.	D864,218	S	10/2019	Farnan et al.
8,250,483	B2	8/2012	Blomquist	D864,219	S *	10/2019	Farnan D14/485
D667,022	S	9/2012	LoBosco et al.	D865,778	S	11/2019	Kim et al.
D667,841	S *	9/2012	Rai D14/488	D866,566	S *	11/2019	Chang D14/485
D671,125	S *	11/2012	Hansen D14/485	D877,166	S *	3/2020	Dieken D14/485
8,310,415	B2	11/2012	McLaughlin et al.	D896,271	S *	9/2020	Levy D14/492
8,317,752	B2	11/2012	Cozmi et al.	D896,819	S *	9/2020	Joseph D14/485
8,337,469	B2	12/2012	Eberhart et al.	D899,455	S *	10/2020	Rondoni D14/486
8,395,581	B2	3/2013	Graskov et al.	2001/0027791	A1	10/2001	Wallace et al.
D691,632	S	10/2013	Impas	2002/0077852	A1	6/2002	Ford
D694,252	S *	11/2013	Helm D14/485	2003/0060765	A1	3/2003	Campbell et al.
D694,253	S	11/2013	Helm	2003/0163789	A1	8/2003	Blomquist
D705,798	S *	5/2014	Lim D14/486	2004/0122353	A1	6/2004	Shahmirian et al.
D707,705	S	6/2014	Folken et al.	2005/0022274	A1	1/2005	Campbell et al.
D712,920	S	9/2014	Sloo et al.	2005/0182831	A1	8/2005	Uchida
D715,315	S	10/2014	Wood	2006/0073891	A1	4/2006	Holt
D727,337	S	4/2015	Kim et al.	2006/0229557	A1	10/2006	Fathallah
D731,529	S	6/2015	Cavander et al.	2007/0033074	A1	2/2007	Nitzan et al.
D739,872	S	9/2015	Bang et al.	2007/0112298	A1	5/2007	Mueller et al.
D745,020	S	12/2015	Mariet et al.	2007/0118405	A1	5/2007	Campbell et al.
D746,849	S	1/2016	Anzures et al.	2007/0245258	A1	10/2007	Ginggen
9,238,100	B2	1/2016	Kruse et al.	2008/0059158	A1	3/2008	Matsuo et al.
D748,644	S	2/2016	Huang	2008/0014823	A1	6/2008	Foresti et al.
D754,181	S	4/2016	Dong et al.	2008/0171967	A1	7/2008	Blomquist
D754,690	S	4/2016	Park et al.	2008/0172031	A1	7/2008	Blomquist
D755,223	S	5/2016	Liu et al.	2008/0200868	A1	8/2008	Alberti et al.
D757,032	S	5/2016	Sabia et al.	2008/0287922	A1	11/2008	Panduro
9,335,910	B2	5/2016	Farnan et al.	2008/0003125	A1	12/2008	Montgomery et al.
D759,687	S	6/2016	Chang et al.	2008/0300572	A1	12/2008	Rankers et al.
D761,843	S	7/2016	Kim	2009/0006129	A1	1/2009	Thukral et al.
D763,267	S	8/2016	Brunner et al.	2009/0018495	A1	1/2009	Panduro
D765,099	S	8/2016	Kim et al.	2009/0058598	A1	3/2009	Sanchez Sanchez
D766,940	S *	9/2016	Napper D14/485	2009/0113295	A1	4/2009	Halpern et al.
D767,605	S	9/2016	Mensingher et al.	2009/0163855	A1	6/2009	Shin et al.
D770,519	S	11/2016	Kobetz et al.	2009/0167717	A1	7/2009	Wang
D771,086	S	11/2016	Kim et al.	2009/0177147	A1	7/2009	Blomquist et al.
				2009/0177991	A1	7/2009	Davis et al.
				2009/0204341	A1	8/2009	Brauker et al.
				2009/0212966	A1	8/2009	Panduro
				2009/0221890	A1	9/2009	Saffer et al.
				2009/0254037	A1	10/2009	Bryant et al.
				2009/0270833	A1	10/2009	DeBelsler et al.
				2009/0275886	A1	11/2009	Blomquist et al.

(56)

References Cited

U.S. PATENT DOCUMENTS

2010/0010647	A1	1/2010	Schroeder et al.	
2010/0069890	A1	3/2010	Gräskov et al.	
2010/0094110	A1	4/2010	Heller	
2010/0095229	A1	4/2010	Dixon et al.	
2010/0100037	A1	4/2010	Cozmi et al.	
2010/0105999	A1	4/2010	Dixon et al.	
2010/0107103	A1	4/2010	Wallaert	
2010/0121170	A1	5/2010	Rule	
2010/0174266	A1	7/2010	Estes	
2010/0234707	A1	9/2010	Goode et al.	
2010/0253768	A1	10/2010	El-Maraghi et al.	
2010/0261987	A1	10/2010	Kamath et al.	
2010/0305421	A1	12/2010	Ow-Wing	
2010/0317950	A1	12/2010	Galley et al.	
2010/0323431	A1	12/2010	Rutkowski et al.	
2011/0006876	A1	1/2011	Moberg et al.	
2011/0009813	A1	1/2011	Rankers	
2011/0056264	A1	3/2011	Kaplan et al.	
2011/0098637	A1*	4/2011	Hill	G06F 1/1632 604/66
2011/0112478	A1	5/2011	Gregor et al.	
2011/0144569	A1	6/2011	Britton et al.	
2011/0152770	A1	6/2011	DiPerna et al.	
2011/0193704	A1	8/2011	Harper et al.	
2011/0196213	A1	8/2011	Thukral et al.	
2011/0201911	A1	8/2011	Johnson et al.	
2011/0320130	A1	12/2011	Valdes et al.	
2012/0013625	A1	1/2012	Blomquist et al.	
2012/0013802	A1	1/2012	Blomquist et al.	
2012/0019559	A1*	1/2012	Siler	G16H 50/70 345/634
2012/0084728	A1	4/2012	Huang	
2012/0098868	A1*	4/2012	Nagasaka	G06F 3/04883 345/684
2012/0245447	A1*	9/2012	Karan	G16H 40/63 600/365
2013/0151611	A1	6/2013	Graham et al.	
2013/0162426	A1	6/2013	Wiesner	
2013/0283196	A1	10/2013	Farnan et al.	
2013/0298024	A1	11/2013	Rhee	
2013/0332388	A1	12/2013	Martell et al.	
2014/0187890	A1	7/2014	Mensing et al.	
2014/0188398	A1*	7/2014	Cohen	G16H 40/60 702/19
2014/0200426	A1	7/2014	Taub et al.	
2014/0273042	A1*	9/2014	Saint	A61B 5/14532 435/14
2014/0276419	A1	9/2014	Rosinko et al.	
2014/0374275	A1	12/2014	Morales et al.	
2015/0045641	A1	2/2015	Rule	
2015/0089369	A1	3/2015	Ahn	
2015/0177980	A1*	6/2015	Yanase	G06F 3/04883 345/174
2015/0205930	A1	7/2015	Shaanan et al.	
2015/0289823	A1*	10/2015	Rack-Gomer	A61B 5/165 600/365
2015/0350861	A1	12/2015	Soli et al.	
2016/0098848	A1	4/2016	Zamanakos et al.	
2016/0103887	A1	4/2016	Fletcher et al.	
2016/0113594	A1	4/2016	Koehler et al.	
2016/0119210	A1	4/2016	Koehler et al.	
2016/0199571	A1	7/2016	Rosinko et al.	
2016/0328991	A1	11/2016	Simpson et al.	
2017/0056590	A1	3/2017	DiPerna et al.	
2017/0134878	A1	5/2017	Loychik et al.	
2017/0181645	A1*	6/2017	Mahalingam	A61B 5/0205
2017/0216524	A1*	8/2017	Haider	A61M 5/24
2017/0351842	A1	12/2017	Booth et al.	
2018/0021514	A1	1/2018	Rosinko	
2018/0042559	A1	2/2018	Cabrera, Jr. et al.	
2018/0137252	A1	5/2018	Mairs et al.	
2018/0137938	A1	5/2018	Vaddiraju	
2018/0336208	A1	11/2018	Kim	
2019/0022314	A1	1/2019	Schmidt et al.	

2019/0121506	A1	4/2019	Matikyan
2019/0125969	A1	5/2019	Montgomery et al.
2019/0167902	A1	6/2019	Kamen et al.
2019/0183434	A1	6/2019	Sjolund et al.

OTHER PUBLICATIONS

Diabetes Blog, by Sparling, sixuntilme.com [online], published on Jul. 29, 2008, [retrieved on Feb. 5, 2021], retrieved from the Internet <URL: <https://sixuntilme.com/cgms/>> (Year: 2008).*

Examination Report dated Jan. 4, 2019 for EP Application No. 14775822.1, 4 pages.

“Croissant, Pretzel and Bread Icons,” Apr. 27, 2017, retrieved from <https://www.shutterstock.com/image-vector/croissant-pretzel-bread-icons-cupcake-cake-397645378>, 2017, 2 pages.

“Natural Icons Set,” Jun. 21, 2017, retrieved from <https://www.shutterstock.com/image-vector/natural-icons-set-16-filled-such-621208148>, 2017, 3 pages.

Tran J. et al., “Smartphone-Based Glucose Monitors and Applications in the Management of Diabetes: An Overview of 10 Salient “Apps” and a Novel Smartphone-Connected Blood Glucose Monitor,” *Clinical Diabetes*, retrieved from <https://clinical.diabetesjournals.org/content/30/4/173>, on Jan. 14, 2020, vol. 30 (4), Oct. 2012, 2 pages.

Application and File History for U.S. Appl. No. 12/846,688, filed Jul. 29, 2010, inventors DiPerna et al.

Application and File History for U.S. Appl. No. 13/800,453, filed Mar. 13, 2013, inventors Rosinko et al.

Application and File History for U.S. Appl. No. 15/072,408, filed Mar. 17, 2016, inventors Rosinko et al.

Application and File History for U.S. Appl. No. 15/340,417, filed Nov. 1, 2016, inventors DiPerna et al.

What’s Next from Tandem? Predictive Low Glucose Suspend Under FDA Review, by Ryan et al., *diatribe.org* [online], published on Mar. 28, 2018, [retrieved on Jul. 26, 2019], retrieved from the Internet [URL: <https://diatribe.org/what-next-tandem-predictive-low-glucose-suspend-under-fda-review>] (Year: 2018), 2 pages.

Tandem Diabetes Care, Inc.—Form S-1, *getfilings.com* [online], publication date unknown, [retrieved on Jan. 16, 2018], retrieved from the Internet [URL: http://getfilings.com/sec-filings/180116/TANDEM-DIABETES-CARE-INC_S-1/] (Year: 2018), 2 pages.

Graphic Designer’s Maps, by Wills, *standard.co.uk* [online], published on Jun. 22, 2018, [retrieved on Jul. 28, 2019], retrieved from the Internet [URL: <https://www.standard.co.uk/news/transport/graphics-designers-tube-maps-reveal-exactly-how-far-underground-you-are-on-every-station-platform-a3870156.html>] (Year: 2018), 5 pages.

Dexcom’s Integrated CGM Receives FDA Nod, by Lovett, *mobilehealthnews.com* [online], published on Mar. 28, 2018, [retrieved on Jul. 28, 2019], retrieved from the Internet [URL: <https://www.mobilehealthnews.com/content/dexcoms-integrated-cgm-receives-fda-nod>] (Year: 2018), 1 page.

Getting Started with Your Body+ Smart Scale, by Glum, *blog.withings.com* [online], published on Jan. 28, 2016, [retrieved on Jul. 26, 2019], retrieved from the Internet [URL: <https://blog.withings.com/2016/01/28/getting-started-nokia-body-plus/>] (Year: 2016), 3 pages.

Risk Assessment Report, by Ceglys, *dribbble.com* [online], published on Aug. 17, 2018, [retrieved on Jul. 26, 2019], retrieved from the Internet [URL: <https://dribbble.com/shots/4967551-Risk-Assessment-Report>] (Year 2018), 2 pages.

Implantable Glucose Sensor, by Esposito, *medcaldesignandoutsourcing.com* [online], published on Jun. 22, 2016, [retrieved on Jul. 28, 2019], retrieved from the Internet [URL: <https://www.medcaldesignandoutsourcing.com/implantable-glucose-sensor-featuring-idt-sensing-technology-awarded-ce-mark/>] (Year: 2016), 1 page.

Tidepool: Cool New App, by Taryn, *forum.tudiabetes.org* [online], published Mar. 22, 2016, [retrieved on Jul. 26, 2019], retrieved from the Internet [URL: <https://forum.tudiabetes.org/t/tidepool-cool-new-app-for-analyzing-blood-sugar-trends-thats-somuch-better-than-the-reports-i-get-with-my-pump/51854/10>] (Year: 2016), 1 page.

(56)

References Cited

OTHER PUBLICATIONS

Do You Really Need 10,000 Steps a Day?, by Ballinger, blog. cardiogr.am [online], published on May 30, 2016, [retrieved on Jul. 18, 2019], retrieved from the Internet [URL: https://blog.cardiogr.am/do-you-really-need-10-000-steps-a-day-ce_1c006b5d0a] (Year 2016), 1 page.

Connected: Diabetes Data Management Made Easy, by Iyengar, endocrinews.endocrine.org [online], published on Aug. 1, 2015, [retrieved on Jul. 26, 2019], retrieved from the Internet [URL: <https://endocrinews.endocrine.org/august-2015-connected-diabetes-data-management-made-easy/>] (Year: 2015), 2 pages.

Dexcom Continuous Glucose Monitoring, dexcom.com [online], published on or before Jun. 20, 2018, [retrieved on Jul. 28, 2019], retrieved from the Internet [URL: <https://www.dexcom.com/faq/app-g5-mobile-ios-faq>] (year: 2018), 3 pages.

What's Next in Diabetes Tech for 2018, by Hoskins, healthline.com [online], published on Jan. 11, 2018, [retrieved on Jul. 31, 2019], retrieved from the Internet [URL: <https://www.healthline.com/diabetesmine/diabetes-technology-expectations-2018#1>] (Year: 2018), 3 pages.

* cited by examiner

