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(12) United States Design Patent

Shadforth et al.

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(54) **DISPLAY SCREEN WITH GRAPHICAL USER INTERFACE**

(71) Applicant: **Analytics For Life Inc.**, Toronto (CA)

(72) Inventors: **Ian Shadforth**, Morrisville, NC (US); **Meng Lei**, North York (CA); **Timothy Burton**, Ottawa (CA); **Don Crawford**, Fernandina Beach, FL (US); **Sunny Gupta**, East York (CA); **Paul Douglas Souza**, Novato, CA (US); **Cody James Wackerman**, Chico, CA (US); **Andrew Hugh Dubberly**, Palo Alto, CA (US)

(73) Assignee: **Analytics for Life Inc.**, Toronto (CA)

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

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Related U.S. Application Data

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(51) **LOC (12) Cl.** **14-04**

(52) **U.S. Cl.**
USPC **D14/485**

(58) **Field of Classification Search**
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See application file for complete search history.

(56) **References Cited**

U.S. PATENT DOCUMENTS

5,954,660	A	9/1999	Legay et al.	
5,977,974	A *	11/1999	Hatori	G06F 3/0481 715/839
6,549,219	B2 *	4/2003	Selker	G06F 3/0482 345/902
7,693,315	B2 *	4/2010	Krishnan, Sr.	G06T 7/0012 382/100
7,912,528	B2 *	3/2011	Krishnan, Sr.	G16H 50/20 600/407
7,992,102	B1 *	8/2011	De Angelo	G06F 3/0482 715/804

(Continued)

FOREIGN PATENT DOCUMENTS

WO	2010/061335	6/2010
WO	2012021307	2/2012
WO	2012139116	10/2012

OTHER PUBLICATIONS

Walmsley, John, et al., "Fast Simulation of Mechanical Heterogeneity in the Electrically Asynchronous Heart Using the Multi Patch Module" Jul. 23, 2015, posted at journals.plos.org, [site visited Nov. 14, 2019]. https://journals.plos.org/ploscompbiol/article?id=10.1371/journal.pcbi.1004284 (Year: 2015).*

(Continued)

Primary Examiner — Jack Reickel
Assistant Examiner — John M Otte
(74) *Attorney, Agent, or Firm* — Meunier Carlin & Curfman LLC

(57) **CLAIM**

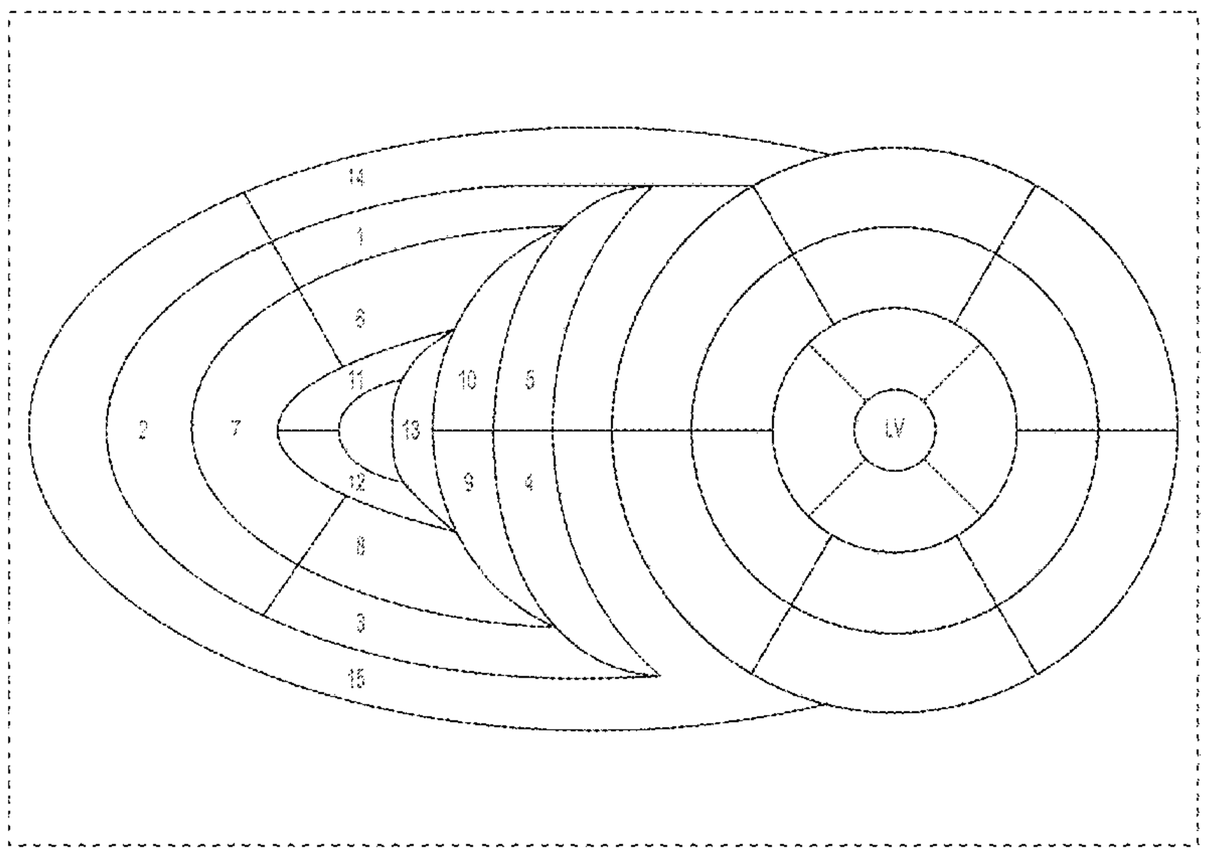
The ornamental design for a display screen with graphical user interface, as shown and described.

DESCRIPTION

The FIGURE is a front view of a display screen with graphical user interface.

The broken lines showing the display screen and all numerals within graphical user interface illustrate the article of manufacture and portions of the graphical user interface, respectfully. None of the broken lines form part of the claimed design.

1 Claim, 1 Drawing Sheet



(56) **References Cited**

U.S. PATENT DOCUMENTS

8,082,201	B2 *	12/2011	Nahum	G06Q 40/06 705/35
8,707,211	B2 *	4/2014	Yasui	G06F 3/0482 715/834
9,035,888	B1 *	5/2015	DeLatorre	G06F 3/04886 345/173
9,043,894	B1 *	5/2015	Dennison	G06F 16/9535 726/11
9,289,150	B1 *	3/2016	Gupta	A61B 5/044
D757,780	S *	5/2016	Moriya	D14/486
D766,309	S *	9/2016	Wang	D14/485
9,717,474	B2 *	8/2017	Ohuchi	A61B 8/0883
9,881,410	B2 *	1/2018	Abe	G06T 15/00
9,886,782	B2 *	2/2018	Jo	G06T 11/001
9,888,905	B2 *	2/2018	Okazaki	A61B 8/5207
9,949,643	B2 *	4/2018	Garnavi	G06T 7/20
D822,705	S *	7/2018	Antihi	D14/486
D843,382	S *	3/2019	Shadforth	D14/485
D844,013	S *	3/2019	Peeters	D14/485
D847,857	S *	5/2019	Elatta	D14/489
10,292,596	B2 *	5/2019	Shadforth	A61B 5/743
D857,046	S *	8/2019	Huang	D14/486
2009/0167706	A1 *	7/2009	Tan	G06F 3/04883 345/173
2011/0249005	A1 *	10/2011	Hautvast	A61B 5/055 345/440
2013/0303871	A1	11/2013	Brest van Kempen et al.	
2014/0023255	A1	1/2014	Lim et al.	
2014/0058844	A1 *	2/2014	Jadeja	G06Q 30/0269 705/14.66
2014/0194758	A1	7/2014	Korenberg et al.	
2015/0058769	A1 *	2/2015	Kim	G06F 9/451 715/765
2015/0342537	A1	12/2015	Taylor et al.	
2016/0140707	A1	5/2016	Abe et al.	
2016/0183822	A1 *	6/2016	Gupta	A61B 5/04012 600/523
2017/0209059	A1	7/2017	Nabutovsky et al.	
2018/0078146	A1 *	3/2018	Shadforth	A61B 5/0033

OTHER PUBLICATIONS

International Preliminary Report on Patentability dated Apr. 4, 2019, issued in related International Application No. PCT/IB2017/055748, 8 pages.

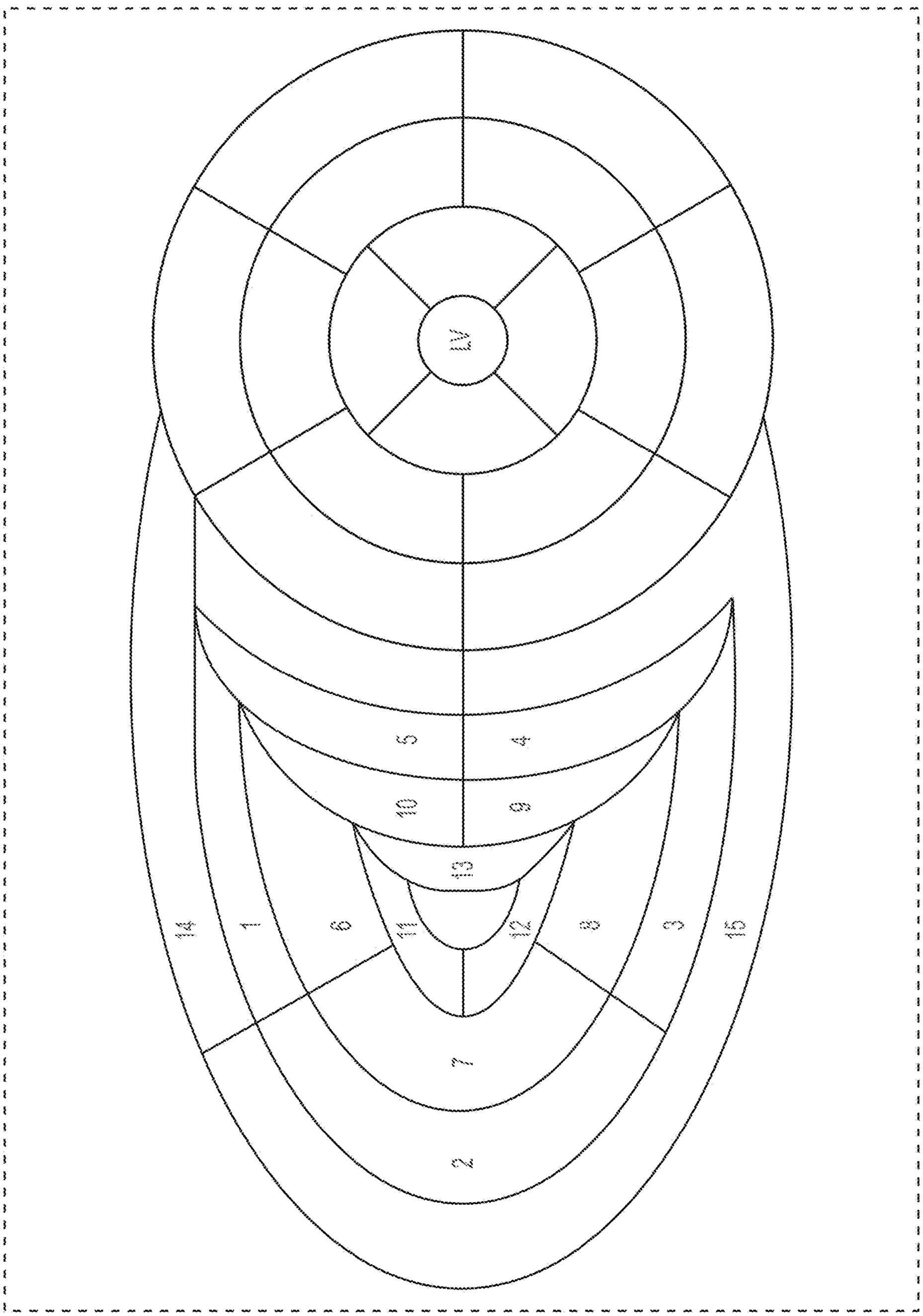
Asadi, F., et al., "Cardiac Arrhythmia Recognition with Robust Discrete Wavelet-Based and Geometrical Feature Extraction via Classifiers of SVM and MLP-BP and PNN Neural Networks," Computing in Cardiology, Issue 43, 2015, pp. 933-936.

Itu, L., et al., "A machine-learning approach for computation of fractional flow reserve from coronary computed tomography," Journal of Applied Physiology, vol. 121, No. 1, 2016, pp. 42-52.

Khan, M., et al., "Wavelet Based ECG Denoising Using Signal-Noise Residue Method," 5th International Conference on Bioinformatics and Biomedical Engineering, May, 4 pages.

Koszegi, Z., "Holistic polar map for integrated evaluation of cardiac imaging results," Computerized Medical Imaging and Graphics, vol. 31, No. 7, 2007, pp. 577-586.

* cited by examiner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