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(12) United States Design Patent

Johnson et al.

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(54) **CONTROLLER FOR LIGHT THERAPY SYSTEM**

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(73) Assignee: **BioPhotas, Inc.**, Anaheim, CA (US)

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

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(51) **LOC (13) Cl.** **28-03**

(52) **U.S. Cl.**
USPC **D24/209**

(58) **Field of Classification Search**
USPC D24/186, 187, 200, 209, 210, 110.1; D28/9, 44; D29/108; D26/37; D13/168
CPC A61N 5/0616; A61N 2005/0647; A61N 2005/0651; A61N 2005/0652; A61N 2005/0659; A61N 2005/066; A61N 2005/067; A61B 2018/00452
See application file for complete search history.

(56) **References Cited**

U.S. PATENT DOCUMENTS

5,000,752	A	3/1991	Hoskin et al.	
D337,642	S *	7/1993	Yamasaki	D24/200
6,221,095	B1	4/2001	Zuylen et al.	
6,743,249	B1	6/2004	Alden et al.	
D684,269	S *	6/2013	Wang	D24/209
D732,677	S *	6/2015	Kristensen	D24/200
D802,779	S *	11/2017	Inoue	D24/200
D858,463	S *	9/2019	Nien	D13/168
D879,053	S *	3/2020	Yu	D13/168
D879,341	S *	3/2020	Kassin	D26/37
D890,752	S *	7/2020	Huang	D14/358
D894,368	S *	8/2020	Lee	D24/107
D925,046	S *	7/2021	Johnson	D24/209
2002/0143373	A1	10/2002	Courtnage et al.	
2003/0009205	A1	1/2003	Biel	
2005/0110702	A1	5/2005	Aoki et al.	
2006/0217690	A1	9/2006	Bastin et al.	
2007/0156208	A1	7/2007	Havell et al.	
2007/0208395	A1	9/2007	LeClerc et al.	
2007/0217199	A1	9/2007	Adam et al.	
2009/0105791	A1	4/2009	McGinnis et al.	

(Continued)

FOREIGN PATENT DOCUMENTS

WO	WO 2011/001344 A2	1/2011

OTHER PUBLICATIONS

BioPhotas Inc. Introduces the Celluma POD Light Therapy Device. May 31, 2018. Retrieved from website at: https://www.prnewswire.com/news-releases/biophotas-inc-introduces-the-celluma-pod-light-therapy-device-300657659.html.*

(Continued)

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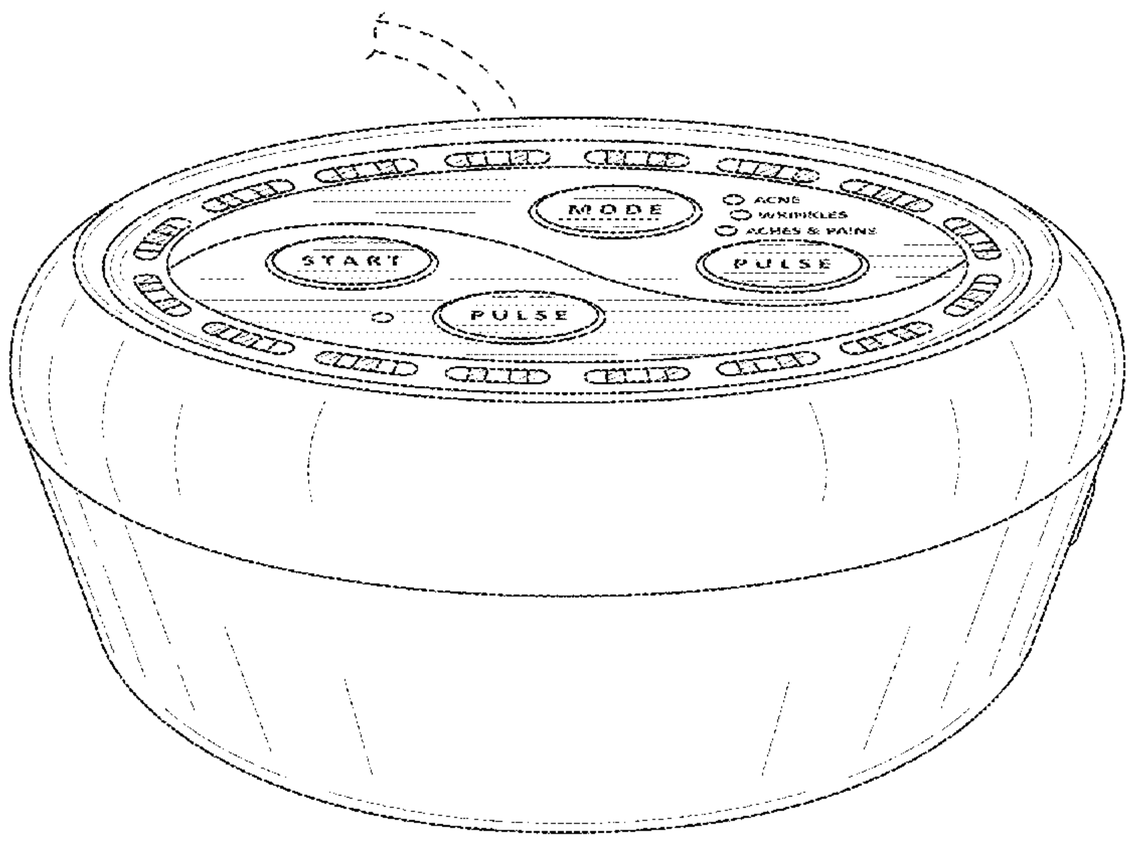
(57) **CLAIM**

The ornamental design for a controller for light therapy system, as shown and described.

DESCRIPTION

FIG. **1** is a top perspective view of a controller for light therapy system;
FIG. **2** is a top view thereof;
FIG. **3** is a bottom view thereof;
FIG. **4** is a left side view thereof;
FIG. **5** is a right side view thereof;
FIG. **6** is a rear view thereof; and,
FIG. **7** is a front view thereof.
The broken lines show portions of the controller for light therapy system that form no part of the claimed design.

1 Claim, 5 Drawing Sheets



(56) **References Cited**

U.S. PATENT DOCUMENTS

2010/0114007	A1	5/2010	Fischer et al.	
2010/0234927	A1	9/2010	Lin	
2010/0274329	A1	10/2010	Bradley et al.	
2010/0318161	A1	12/2010	Brawn	
2011/0144724	A1	6/2011	Pryor et al.	
2011/0144727	A1	6/2011	Benedict	
2013/0274839	A1*	10/2013	Johnson	A61N 5/0616 607/90

OTHER PUBLICATIONS

International Search Report and Written Opinion for related PCT application PCT/US2012/064198. International filing date Nov. 8, 2012.

Daniel Barolet, M.D. "Light-Emitting Diodes (LEDs) in Dermatology", Seminars in Cutaneous Medicine and Surgery, vol. 27, pp. 227-238, 2008.

Daniel Barolet, et al., Importance of Pulsing Illumination Parameters in Low-Level-Light Therapy, Journal of Biomedical Optics, vol. 15, No. 4, pp. 048005-1-048005-8, 2010.

Supplementary European Search Report dated Jul. 23, 2015 for related European Application No. 12847625.6.

* cited by examiner

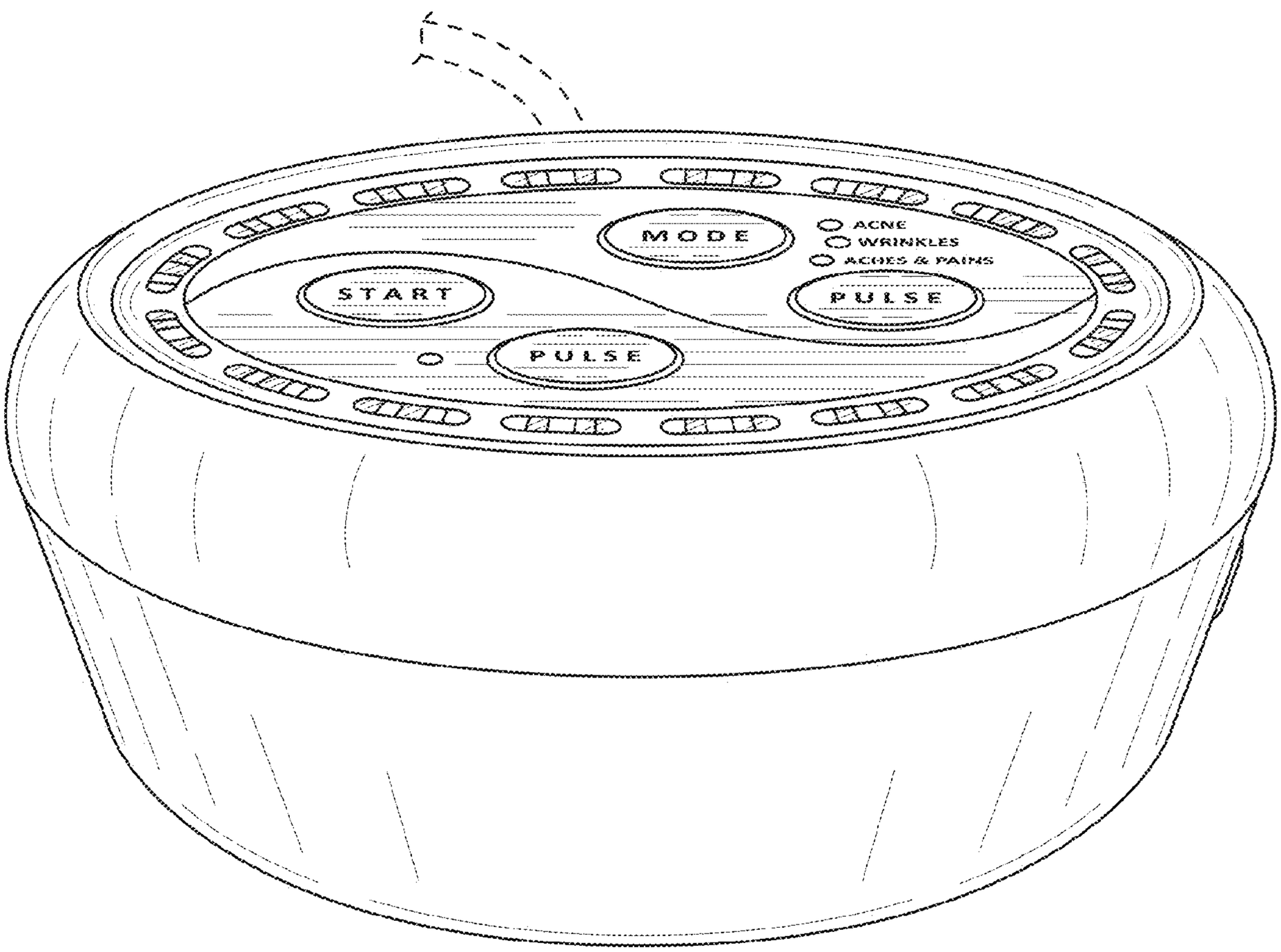


FIG. 1

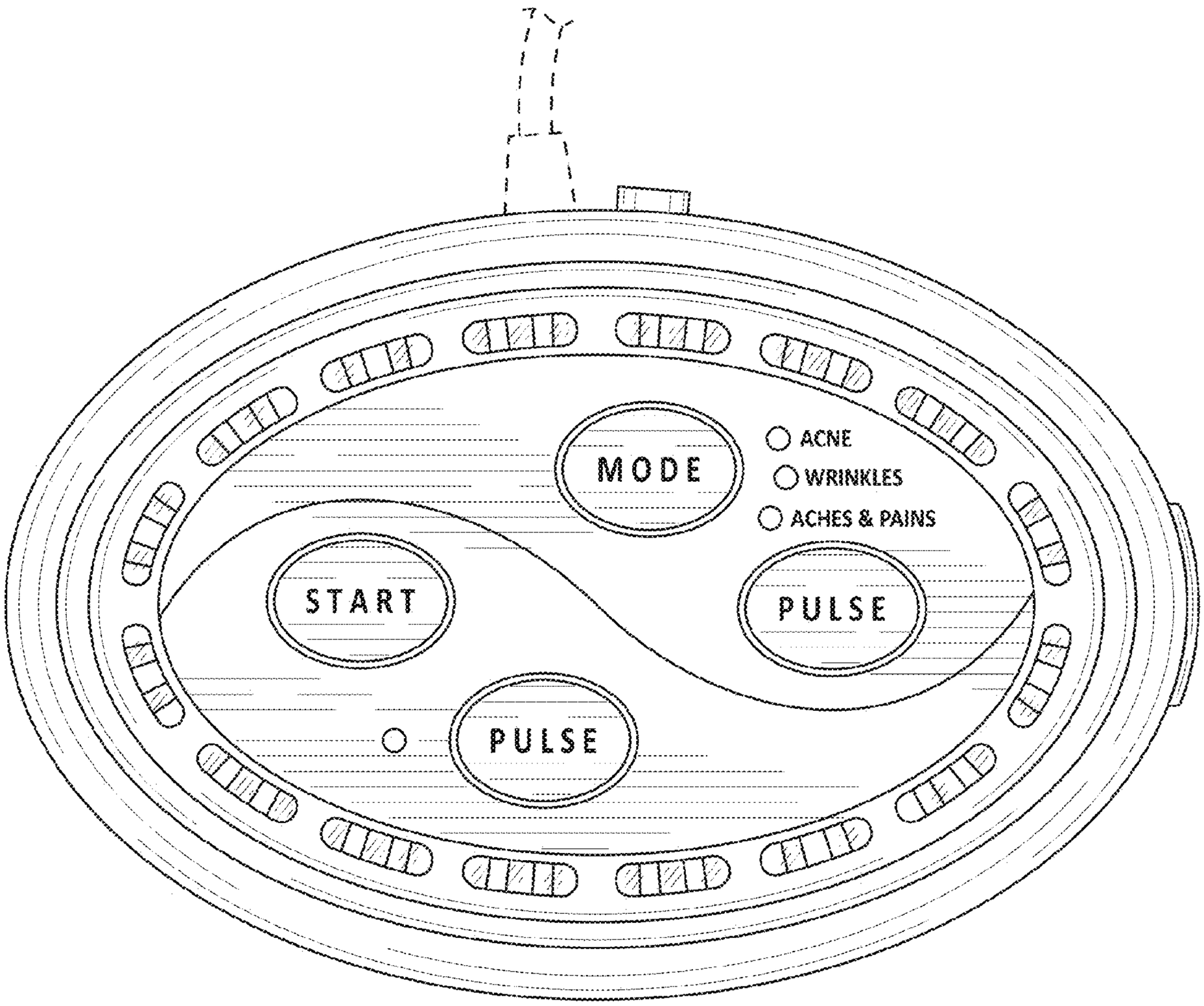


FIG. 2

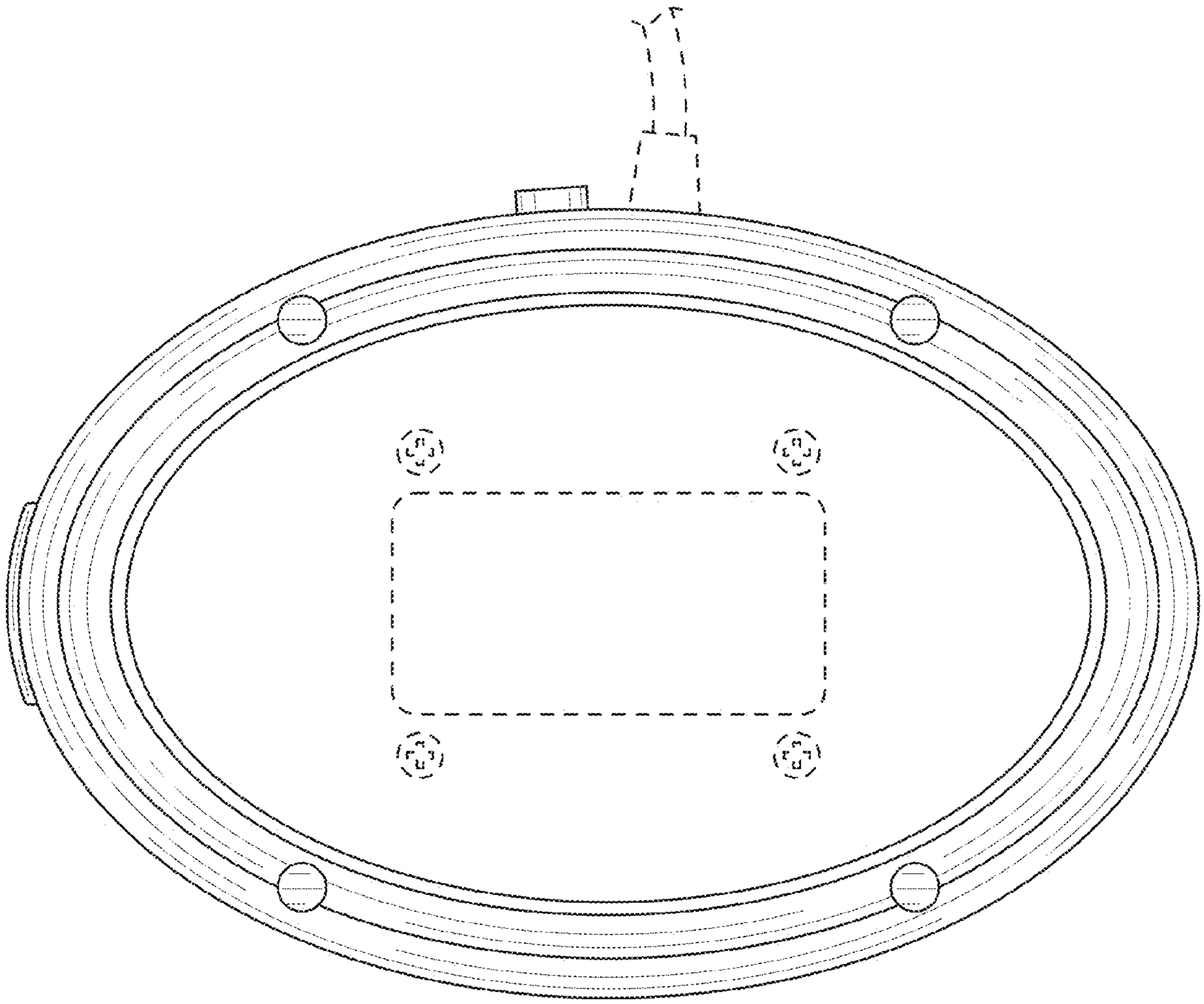


FIG. 3

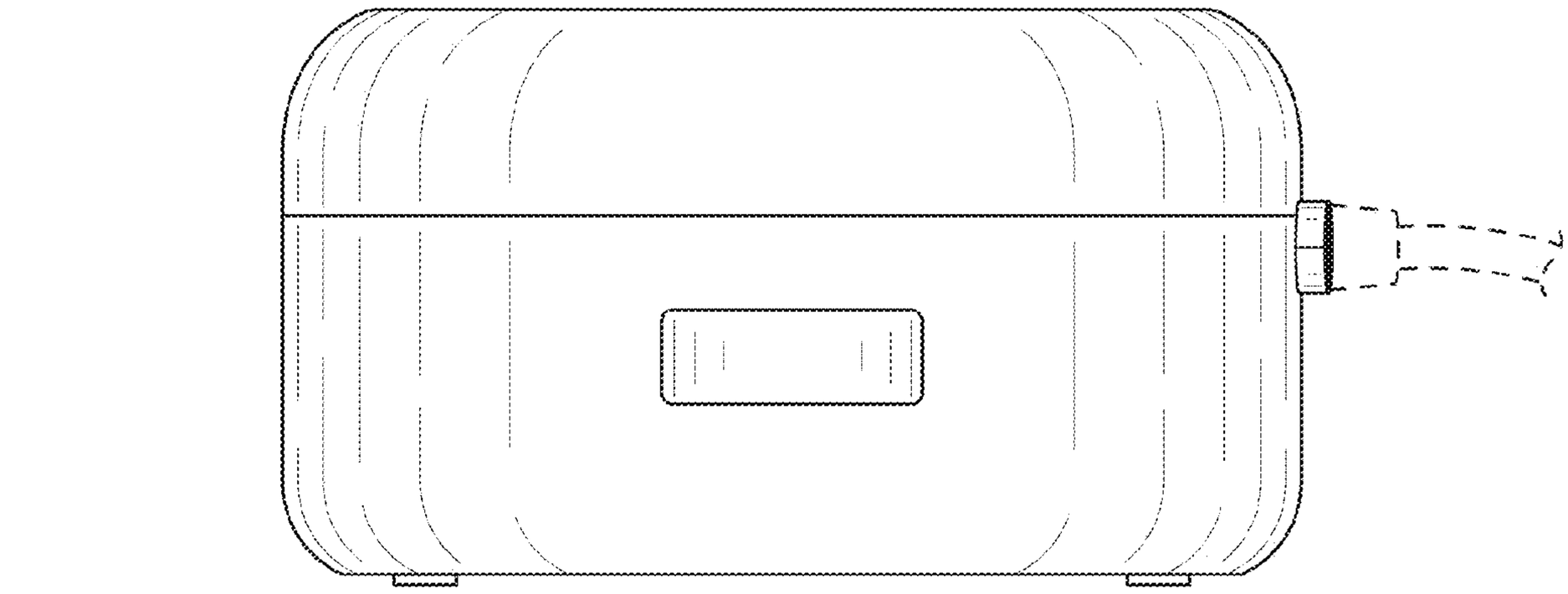


FIG.4

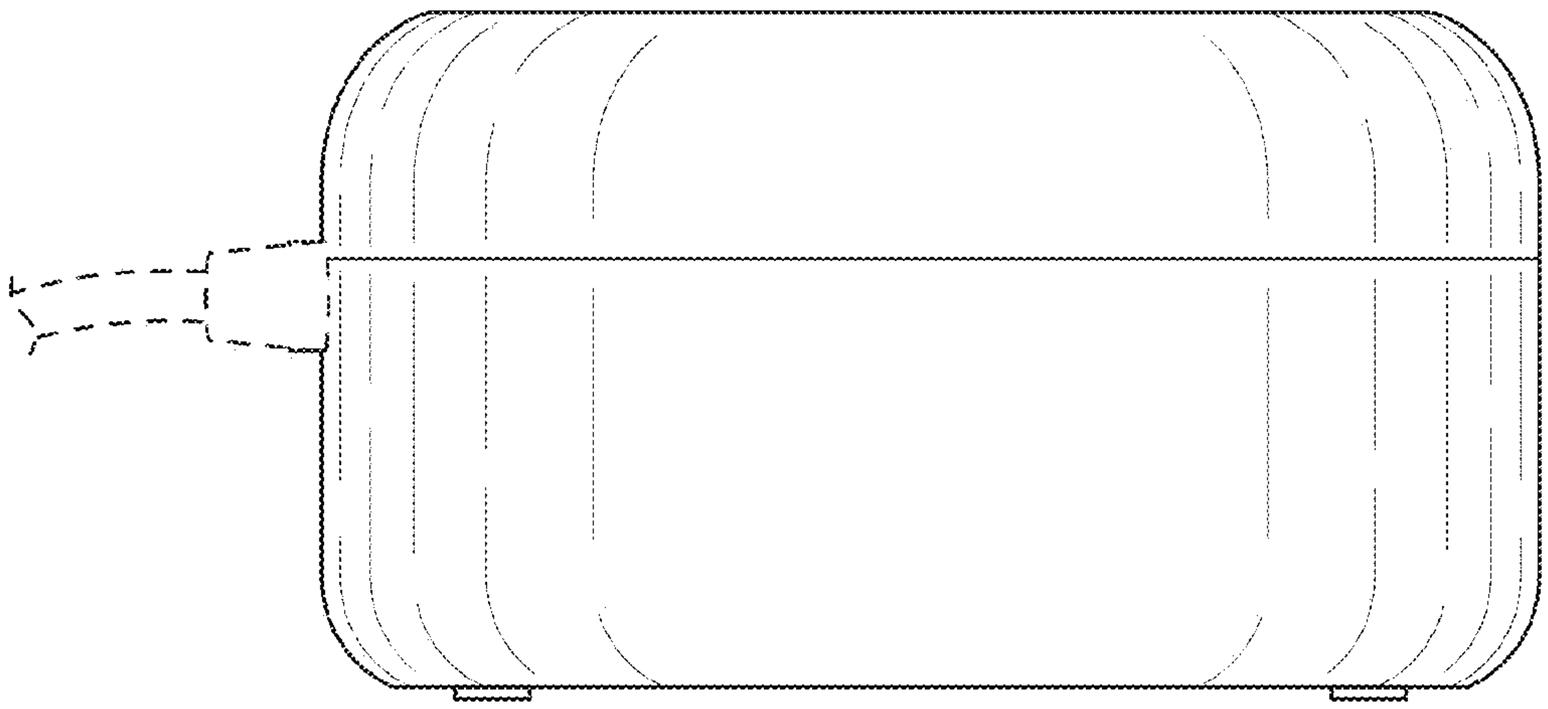


FIG.5

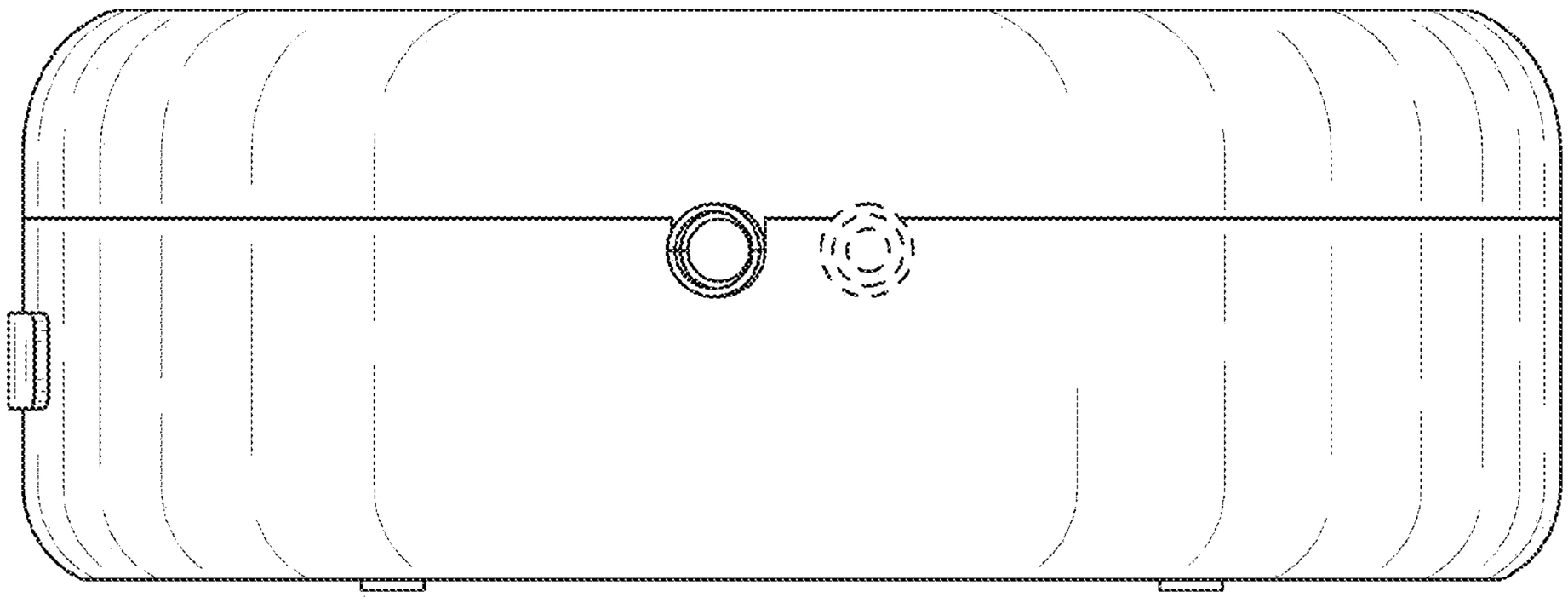


FIG. 6

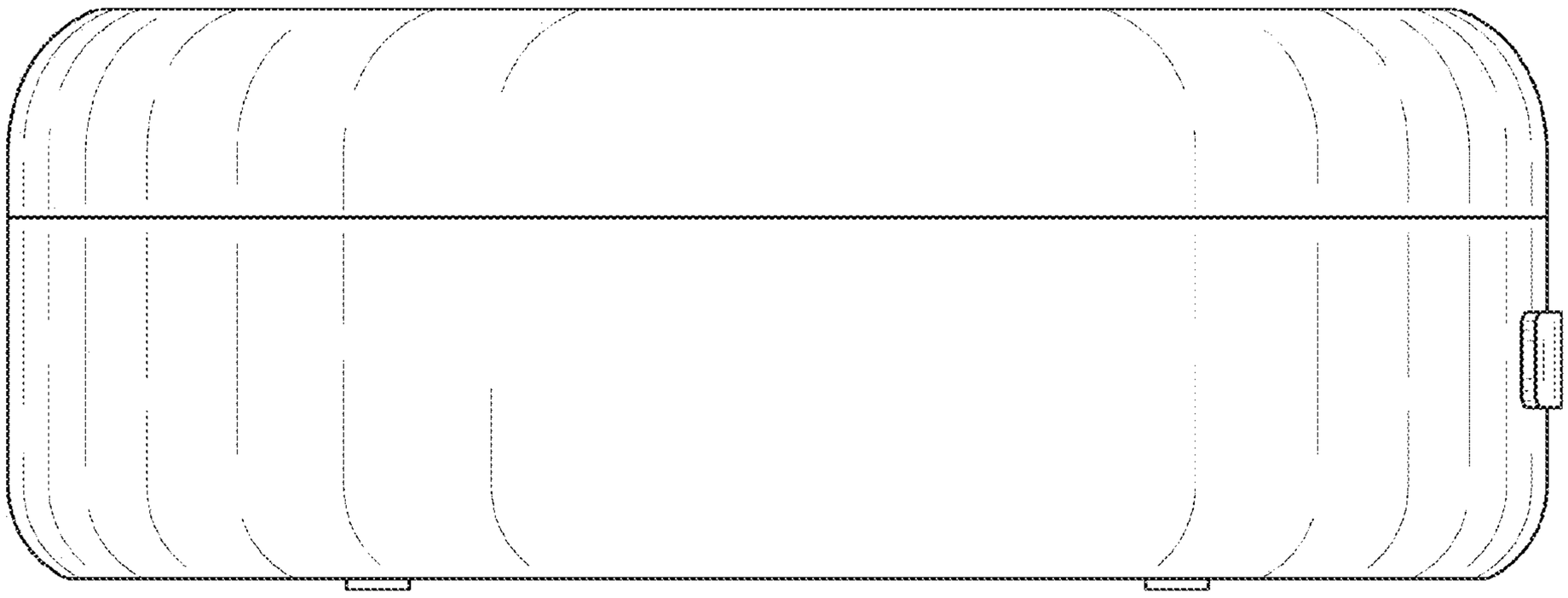


FIG. 7