

(12)

United States Design Patent

Akana et al.

(10) Patent No.: US D1,038,913 S

(45) Date of Patent: ** Aug. 13, 2024

(54) **SPEAKER**

(71) Applicant: **Apple Inc.**, Cupertino, CA (US)

(72) Inventors: **Jody Akana**, San Francisco, CA (US); **Molly Anderson**, San Francisco, CA (US); **Bartley K. Andre**, Palo Alto, CA (US); **Shota Aoyagi**, San Francisco, CA (US); **Anthony Michael Ashcroft**, San Francisco, CA (US); **Marine C. Bataille**, San Francisco, CA (US); **Jeremy Bataillou**, San Francisco, CA (US); **Abidur Rahman Chowdhury**, San Francisco, CA (US); **Clara Geneviève Marine Courtaigne**, Palo Alto, CA (US); **Markus Diebel**, San Francisco, CA (US); **Jonathan Gomez Garcia**, San Francisco, CA (US); **M. Evans Hankey**, San Francisco, CA (US); **Richard P. Howarth**, San Francisco, CA (US); **Jonathan P. Ive**, San Francisco, CA (US); **Julian Jaede**, San Francisco, CA (US); **Duncan Robert Kerr**, San Francisco, CA (US); **Peter Russell-Clarke**, San Francisco, CA (US); **Benjamin Andrew Shaffer**, San Jose, CA (US); **Joe Sung-Ho Tan**, San Francisco, CA (US); **Clement Tissandier**, San Francisco, CA (US); **Eugene Antony Whang**, San Francisco, CA (US)

(73) Assignee: **Apple Inc.**, Cupertino, CA (US)

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

(21) Appl. No.: **29/854,835**

(22) Filed: **Sep. 28, 2022**

Related U.S. Application Data

(63) Continuation of application No. 29/746,459, filed on Aug. 13, 2020, now Pat. No. Des. 971,881.

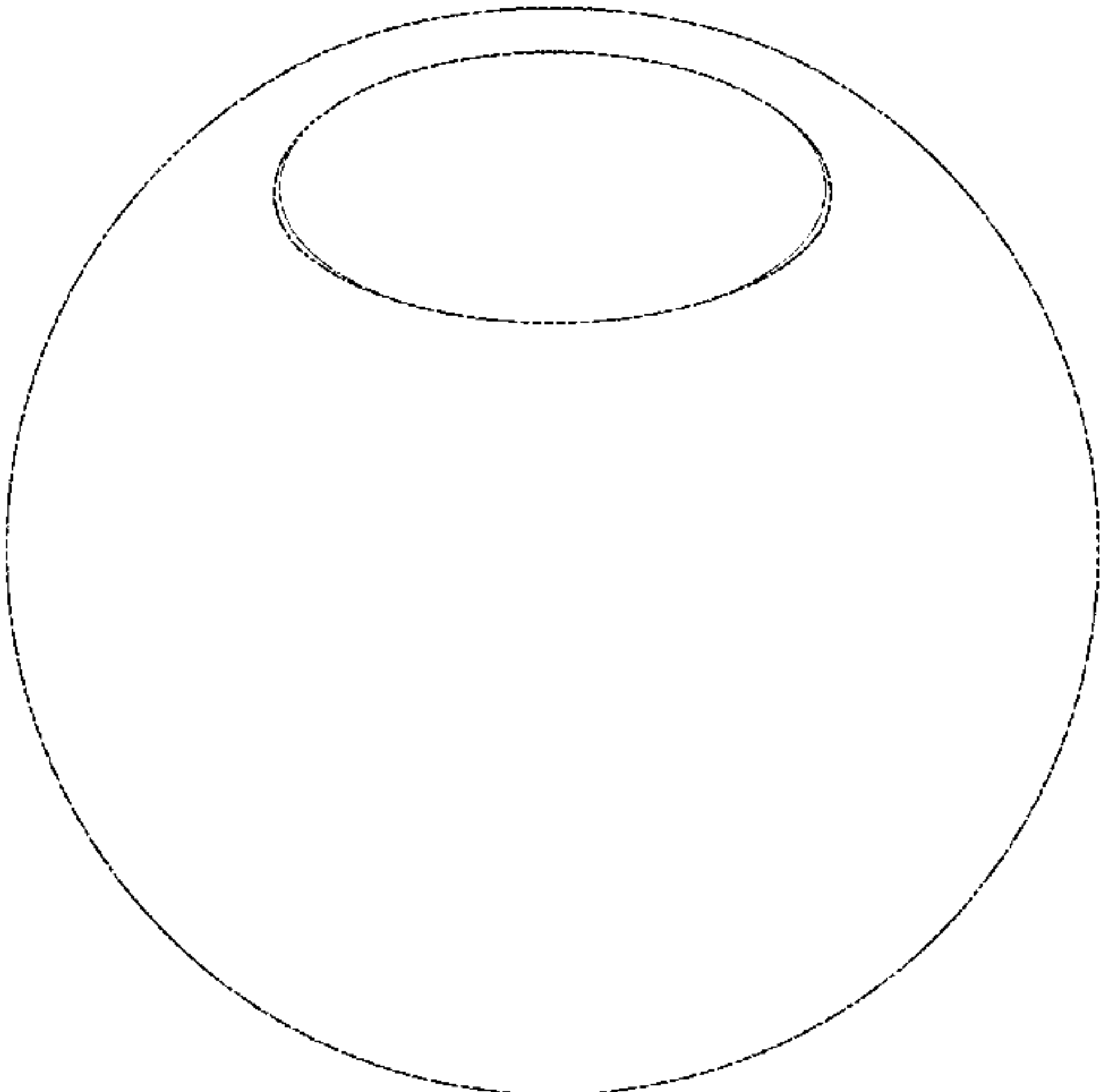
(51) **LOC (14) Cl.** **14-01**

(52) **U.S. Cl.**
USPC **D14/216**

(58) **Field of Classification Search**
USPC D9/110; D10/2, 4, 5, 22, 104.1, 106.5, D10/106.6, 106.1, 52, 49, 50, 114.5, 11, D10/6, 114.6; D13/108, 110, 158, 168, D13/162; D14/140, 140.1, 142, 155, 168, D14/170, 171, 172, 184, 188, 195, 20, 4, D14/209.1, 210, 211, 212, 213, 214, 216, D14/218, 221, 222, 224, 2, 40, 299, 300, D14/302, 344, 8, 351, 356, 357, 358, 363, D14/383, 388, 506, 507, 509; D23/352; D26/106, 110
CPC ... H04W 88/08; H04W 88/085; H04W 88/00; H04W 88/005; H04W 88/02; H04W 88/12; H04M 2250/12; H04M 1/03; H04B 1/38; G06F 3/16; B60R 11/0217; G10K 9/22; G10K 11/004; H03F 1/327; H04R 2499/13; H04R 3/12; H04R 3/00; H04R 3/403; H04R 3/021; H04R 3/21; H04R 3/24; H04R 3/026; H04R 3/028; H04R 3/105; H04R 3/323; H04R 1/288; H04R 1/2888; H04R 29/002; H04R 2420/07; H04R 5/02; H04R 5/06
See application file for complete search history.

(56)

References Cited			
U.S. PATENT DOCUMENTS			
D281,066	S	*	10/1985 Humble D14/215
D404,681	S	*	1/1999 Galerneau D11/131
D426,230	S	*	6/2000 De Iuliis D14/216
D447,471	S	*	9/2001 Andre D14/215
D460,362	S	*	7/2002 Kalman D10/22
D478,562	S	*	8/2003 Hu D14/171
D478,890	S	*	8/2003 Ng D14/170
D506,460	S	*	6/2005 Chan D14/188
D510,926	S		10/2005 Jerome
D512,048	S	*	11/2005 Borsboom D14/216
D515,561	S	*	2/2006 Sung D14/351
D552,054	S	*	10/2007 Pena Angarita D14/496
D573,135	S	*	7/2008 Laituri D14/216
D597,532	S	*	8/2009 Wang D14/216
D599,820	S	*	9/2009 Su D21/659
D607,458	S	*	1/2010 Hui D14/300
D676,423	S	*	2/2013 Joseph D14/216
D700,591	S	*	3/2014 Xiao D14/216



8,989,420	B1 *	3/2015	Hamer	H04R 1/02
				381/189
D726,157	S *	4/2015	Chang	D14/216
D756,326	S *	5/2016	Holzer	D14/171
D756,327	S *	5/2016	Conti	D14/204
D780,151	S *	2/2017	Jeon	D14/171
D793,363	S *	8/2017	Zhang	D14/216
D795,220	S *	8/2017	Uziel	D14/216
D801,303	S *	10/2017	Holzer	D14/207
D801,307	S *	10/2017	Kim	D14/216
D802,561	S *	11/2017	Manginello	D14/215
D810,013	S *	2/2018	Smitley	D13/108
D812,643	S *	3/2018	Akana et al.	
D829,688	S *	10/2018	Tanaka	D14/216
D834,000	S *	11/2018	Paslawski	D14/216
D836,606	S *	12/2018	Kangasmaa	D14/216
D842,110	S *	3/2019	Marina	D9/554
D850,486	S *	6/2019	Anderson et al.	
D852,229	S *	6/2019	Akana et al.	
D859,411	S *	9/2019	Bidwell	D14/420
D860,257	S *	9/2019	Akana et al.	
D863,356	S *	10/2019	Akana et al.	
D864,961	S *	10/2019	Sakaguchi	D14/218
D866,519	S *	11/2019	Yanjie	D14/216
D879,151	S *	3/2020	Akana et al.	
D882,856	S *	4/2020	Feng	D26/104
D885,368	S *	5/2020	Yanjie	D14/216
D885,437	S *	5/2020	Anderson et al.	
D886,767	S *	6/2020	Matarese et al.	
D887,073	S *	6/2020	Lin	D26/106
D890,118	S *	7/2020	Hubert	D14/204
D892,076	S *	8/2020	Wu	D14/204
D905,319	S *	12/2020	Cui	D26/106
D914,957	S *	3/2021	Zeng	D26/110
D917,416	S *	4/2021	DeMaio	
D934,296	S *	10/2021	Anderson et al.	
D940,074	S *	1/2022	Bae	D13/108
D940,106	S *	1/2022	Chen	D14/496
D942,673	S *	2/2022	Huang	D26/104
D971,880	S *	12/2022	Akana	D14/216
D971,881	S *	12/2022	Akana	D14/216
D979,566	S *	2/2023	Chou	D10/49
D982,815	S *	4/2023	Tan	D26/93
D986,848	S *	5/2023	Akana	D14/212
D986,856	S *	5/2023	Akana	D14/216
D991,209	S *	7/2023	Waterman	D14/204
D994,210	S *	8/2023	Zheng	D26/104
D1,003,501	S *	10/2023	Lin	D26/104
D1,004,572	S *	11/2023	Walcott	D14/216
D1,016,777	S *	3/2024	Akana	D14/216
2022/0070576	A1 *	3/2022	Della Rosa	H04R 7/20

FOREIGN PATENT DOCUMENTS

CN	302594223	10/2013
CN	305222083	6/2019
CN	305715519	4/2020
CN	305715599	4/2020
CN	305724786	4/2020
CN	305877723	6/2020
EM	001974155-0001	1/2012
EM	004157139-0001	11/2017
IN	338651-001-0001	11/2021
JP	D1269309	4/2006
JP	D1316412	12/2007
JP	D1375505	12/2009
JP	D1378427	1/2010
JP	D1396191	9/2010
JP	D1404123	12/2010
JP	D1410352	3/2011

JP	D1435539	3/2012
JP	D1575144	5/2017
JP	D1629051	4/2019
KR	30-0770039	11/2014
TW	D189682	4/2018
TW	216118-0001	12/2021
TW	218112-0001	4/2022

OTHER PUBLICATIONS

Gallo Acoustics—The world’s finest compact speaker systems, available as early as Jan. 11, 2019, URL: <<https://web.archive.org/web/20190111124103/https://galloacoustics.com/>>.

amazon.com, “Fashionit U Mini Speaker”, available as early as Aug. 1, 2018, URL: <https://www.amazon.com/Fashionit-Mini-Speaker-Built-Rechargeable/dp/B07G22TCZ9/ref=asc_df_B07G22TCZ9/?tag=&linkCode=df0&hvadid=34381%E2%80%A6&th=1/>.

amazon.com, “CJG Double Pack TWS Round Portable Speaker with Enhanced Bass, Stereo Sound and Multicolor Led Lights”, available as early as Jun. 18, 2020, URL: <https://www.amazon.com/Round-Portable-Bluetooth-Speakers-Lights/dp/B014OPS6SY/ref=sr_1_1?crid=3MRCO8A8HXF7C&keywords=asin+b014O%E2%80%A6/>.

[How to Make HomePod Mini Extra Worth It!], announced in Youtube on Nov. 30, 2020 [online], [site visited Apr. 28, 2022], Available from the internet URL: <https://www.youtube.com/watch?v=pz5BqKeXgRI> (Year: 2020).

U.S. Appl. No. 29/699,136, filed Jul. 23, 2019 (unpublished).

U.S. Appl. No. 29/728,124, filed Mar. 16, 2020 (unpublished).

U.S. Appl. No. 29/746,454, filed Aug. 13, 2020 (unpublished).

U.S. Appl. No. 29/752,101, filed Sep. 24, 2020 (unpublished).

U.S. Appl. No. 29/754,562, filed Oct. 12, 2020 (unpublished).

* cited by examiner

Primary Examiner — Khawaja Anwar
Assistant Examiner — Megan Tiana Rakos
(74) Attorney, Agent, or Firm — Saidman DesignLaw Group, LLC

(57) CLAIM

The ornamental design for a speaker, as shown and described.

DESCRIPTION

FIG. 1 is a perspective view of a speaker showing the claimed design;
FIG. 2 is a front view thereof;
FIG. 3 is a rear view thereof;
FIG. 4 is a left side view thereof;
FIG. 5 is a right side view thereof;
FIG. 6 is a top view thereof; and,
FIG. 7 is a bottom view thereof.
The broken lines depict portions of the speaker which form no part of the claimed design.

1 Claim, 7 Drawing Sheets

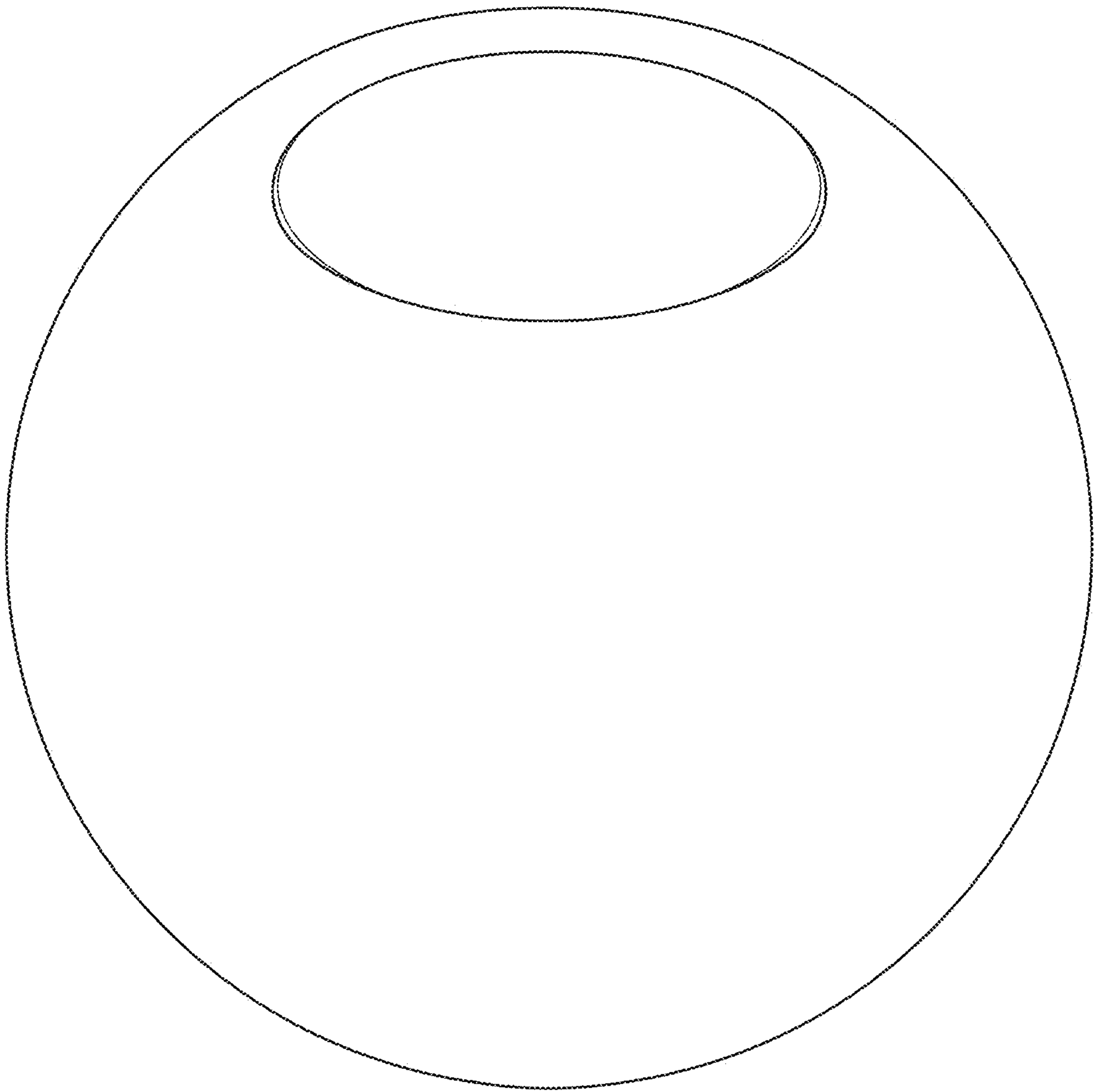


Fig. 1

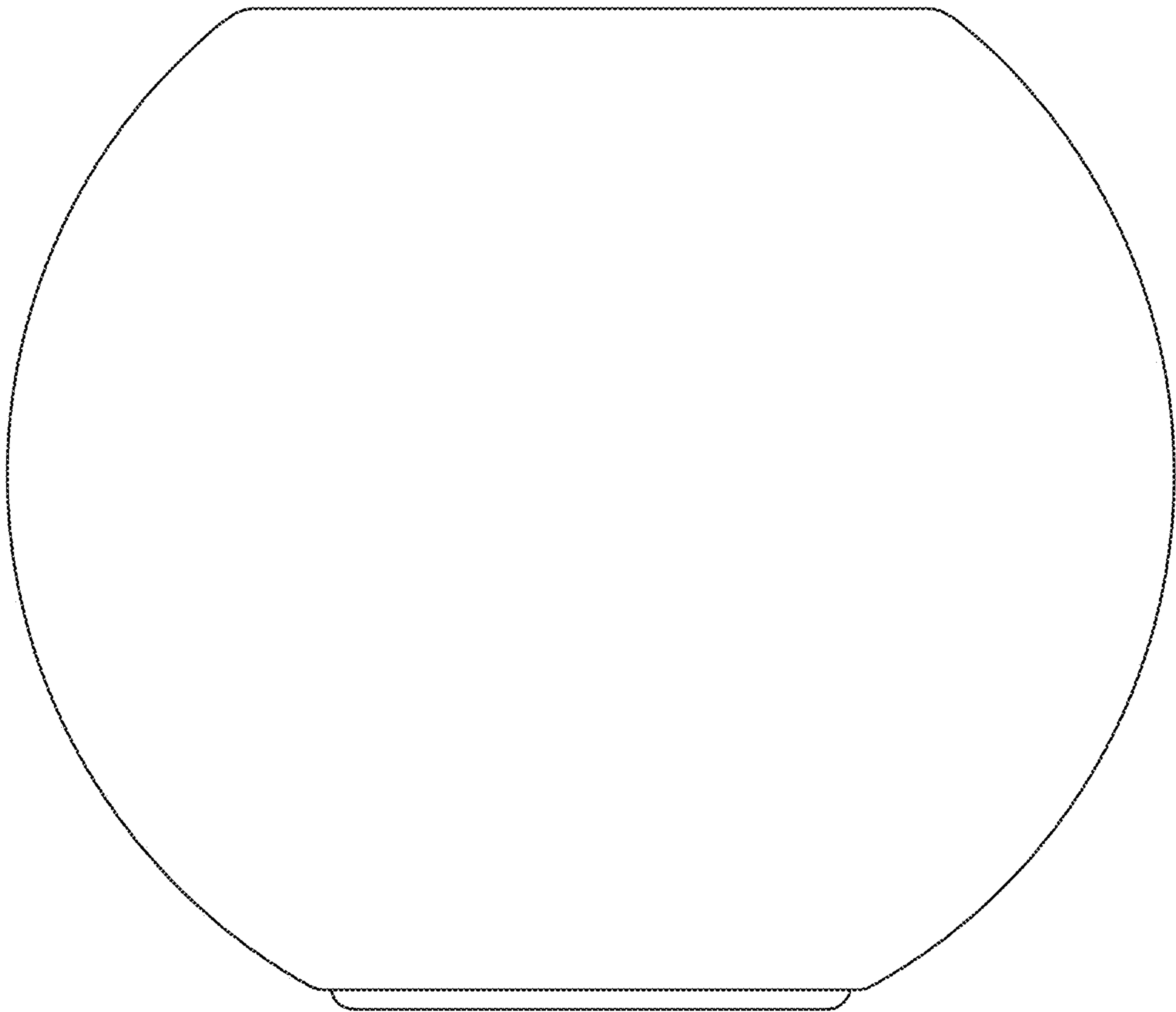


Fig. 2

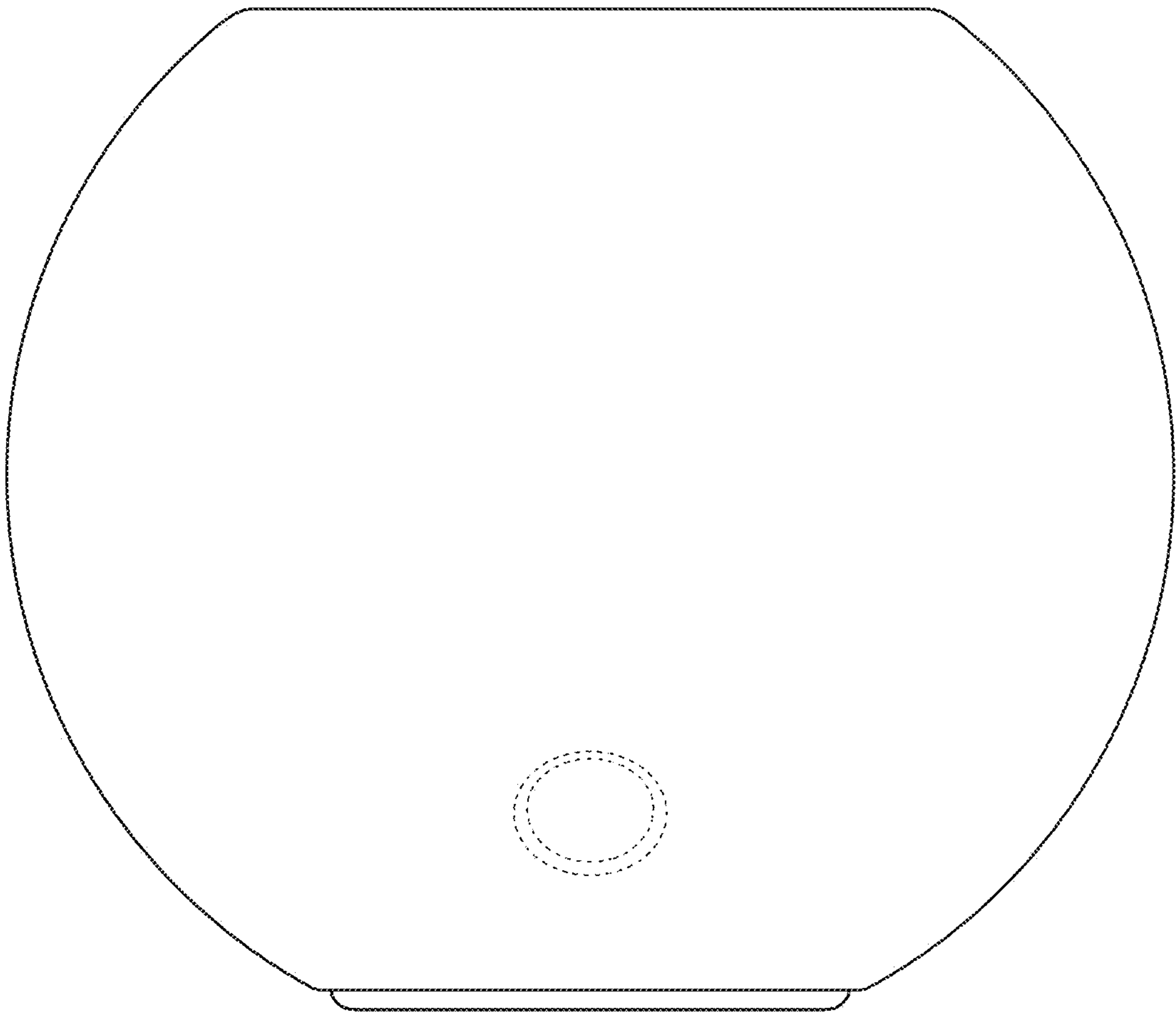


Fig. 3

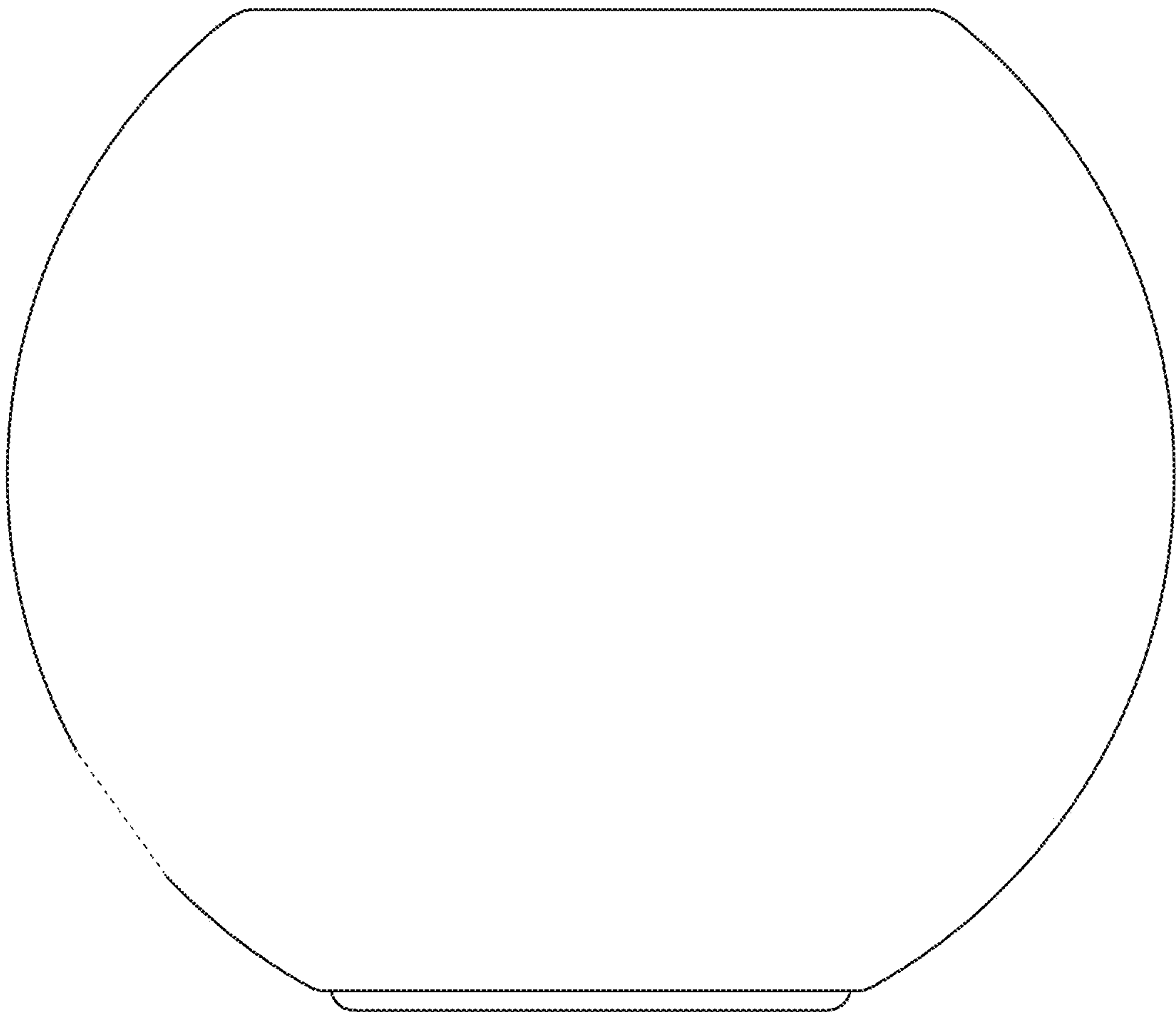


Fig. 4

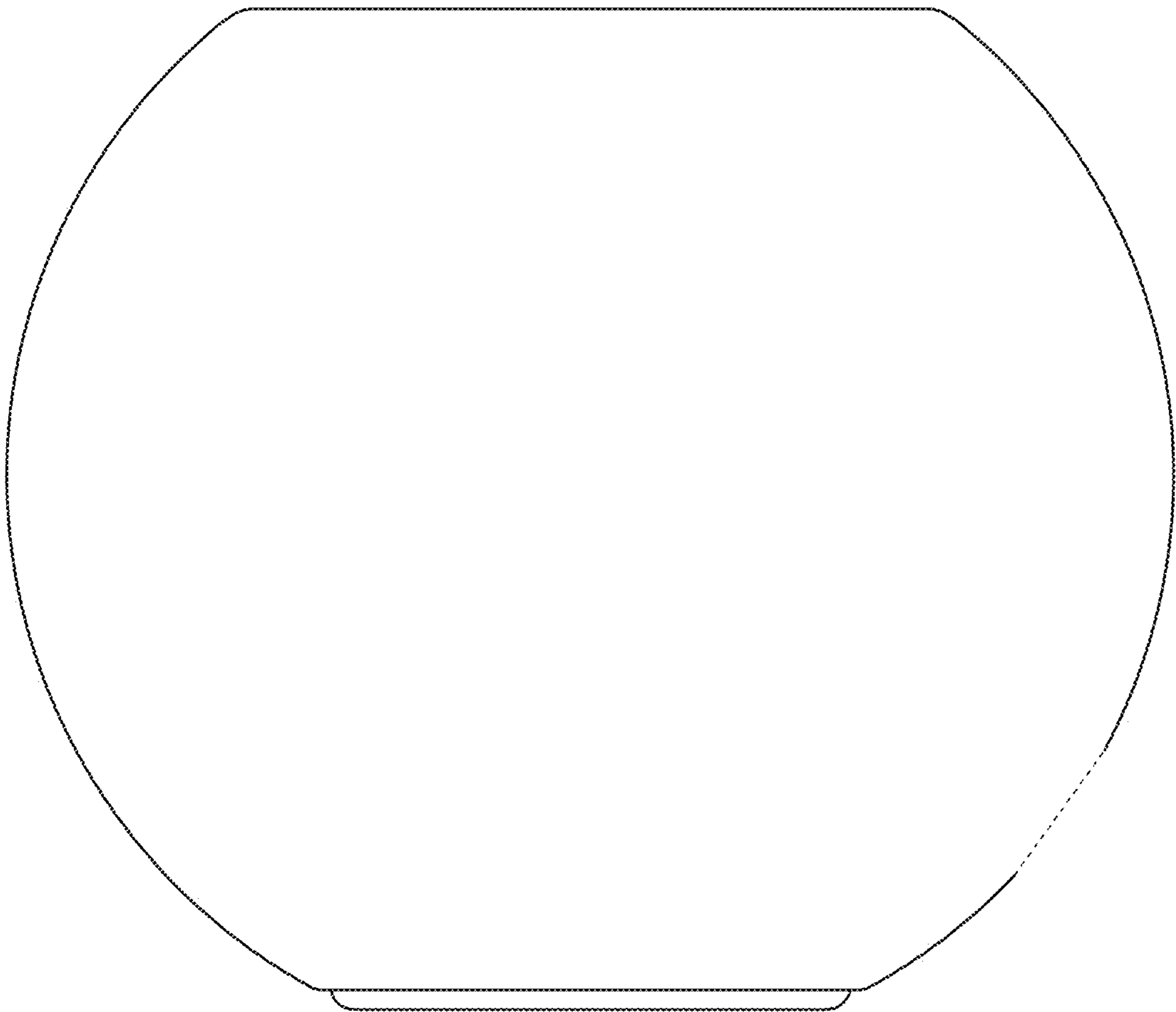


Fig. 5

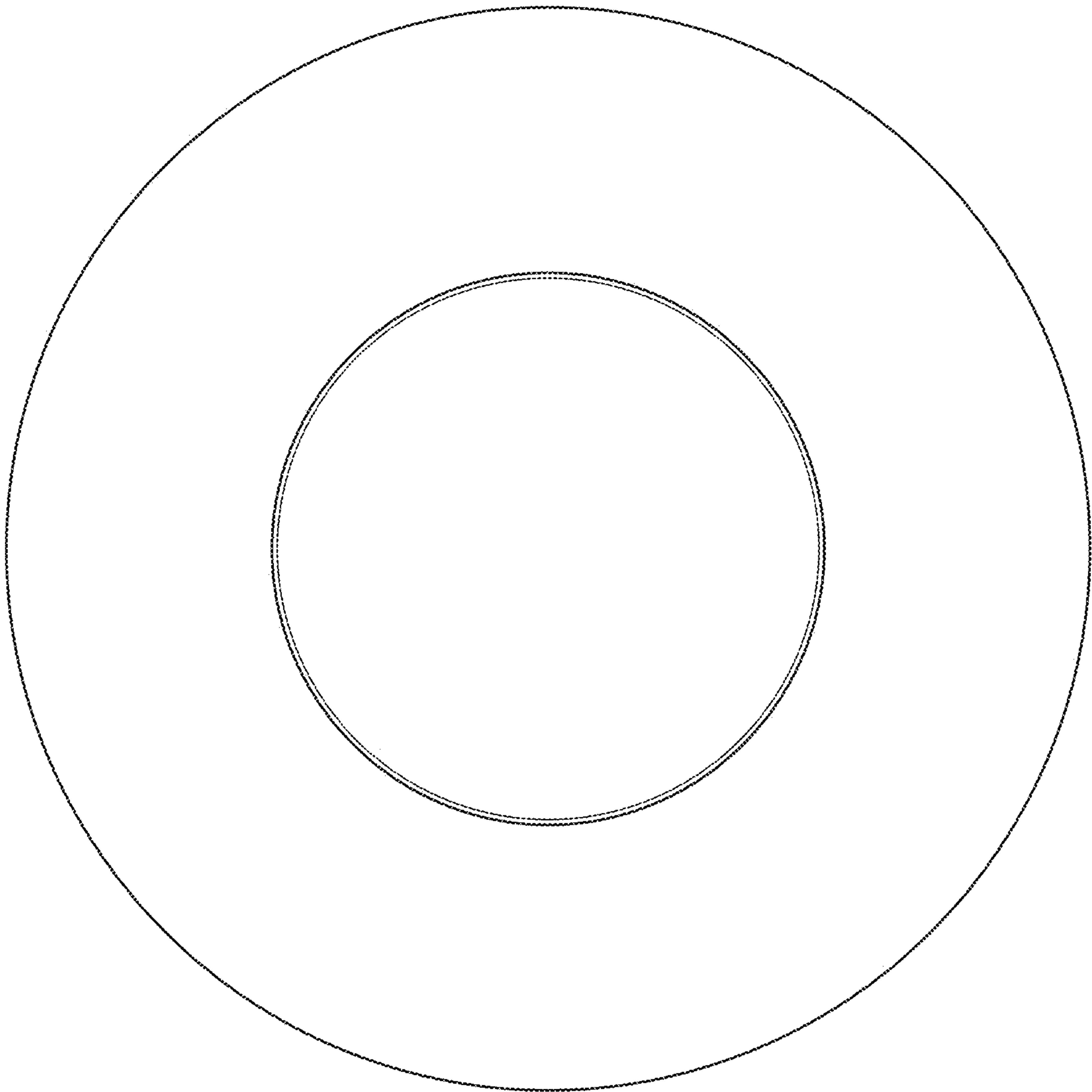


Fig. 6

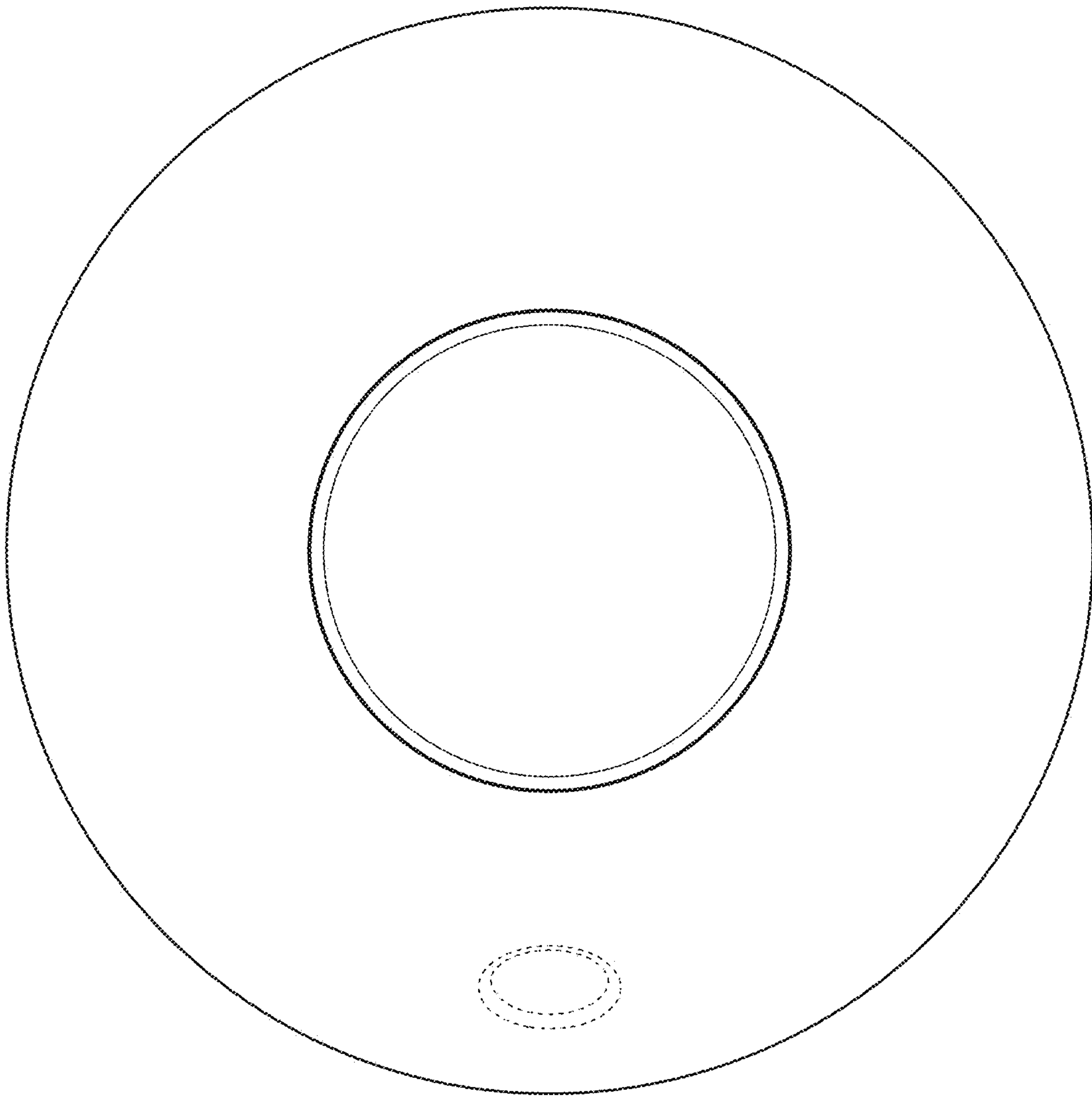


Fig. 7