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(12) **United States Design Patent** (10) **Patent No.: US D1,024,017 S**  
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(54) **AUDIO SPEAKER SYSTEM**

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

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**Related U.S. Application Data**

(63) Continuation of application No. 29/681,813, filed on Feb. 28, 2019, now Pat. No. Des. 958,113, which is a continuation of application No. 29/553,648, filed on Feb. 3, 2016, now Pat. No. Des. 842,275, which is a continuation of application No. 29/527,764, filed on May 21, 2015, now Pat. No. Des. 749,546, which is a continuation-in-part of application No. 29/491,828, filed on May 25, 2014, now Pat. No. Des. 730,323, and a continuation of application No. 29/491,827, filed on May 25, 2014, now Pat. No. Des. 734,741, and a continuation of application No. 29/491,826, filed on May 25, 2014, now Pat. No. Des. 730,322, and a continuation of application No. 29/491,825, filed on May 25, 2014, now Pat. No. Des. 731,467.

(51) **LOC (14) Cl.** ..... **14-03**

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

(58) **Field of Classification Search**  
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D14/222, 224, 496  
CPC ..... B60R 11/0217; G06F 1/1688; G10K 9/22;  
G10K 11/004; H03F 1/327; H04M 1/03;  
H04M 1/035; H04N 5/642; H04N  
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1/021; H04R 1/025; H04R 1/026; H04R  
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H04R 5/02; H04R 7/20; H04R 9/06;  
H04R 9/025; H04R 2201/021; H04R  
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H04R 2499/13; H04R 2499/15; H04S  
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See application file for complete search history.

(56) **References Cited**

U.S. PATENT DOCUMENTS

D53,684 S	8/1919	Kuhn et al.
4,388,492 A	6/1983	Sato
D352,715 S	11/1994	Tsinq
5,546,468 A	8/1996	Beard
D382,563 S	8/1997	Shiono
D471,534 S	3/2003	Suzuki et al.
D476,404 S	6/2003	Chen et al.
D511,338 S	11/2005	Hirano

(Continued)

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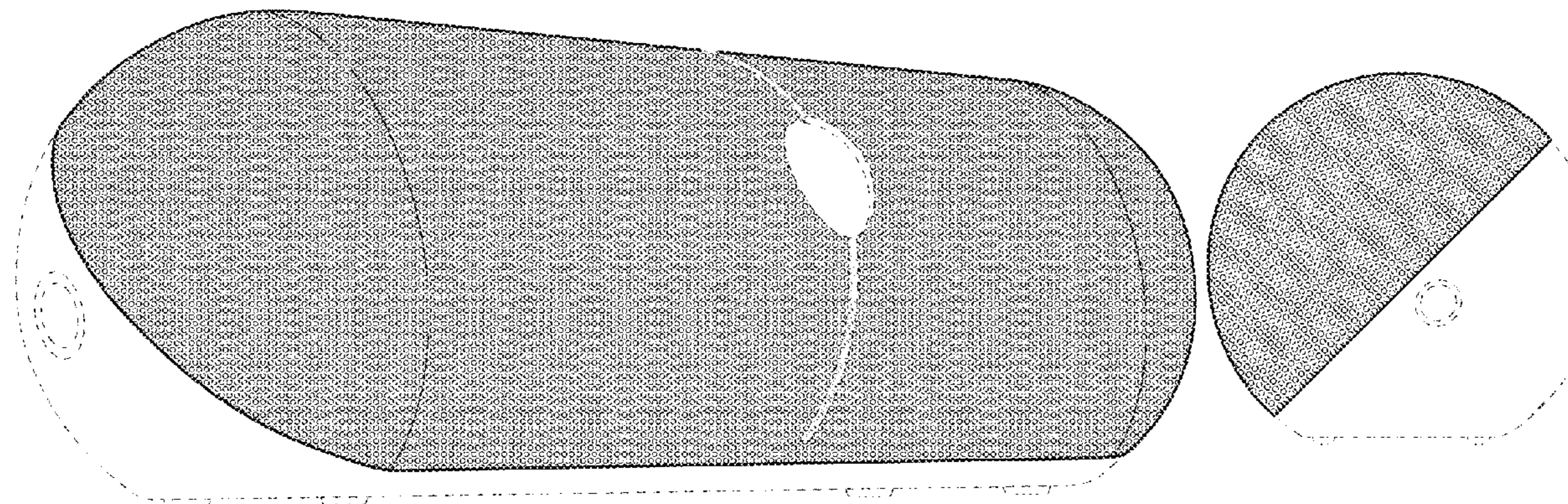
(57) **CLAIM**

The ornamental design for an audio speaker system, as shown and described.

**DESCRIPTION**

FIG. 1 is a front left perspective view of an audio speaker system 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; and,  
FIG. 6 is a top view thereof.  
The broken lines in the figures show portions of the audio speaker system that form no part of the claimed design.

**1 Claim, 3 Drawing Sheets**





(56)

References Cited

U.S. PATENT DOCUMENTS

7,095,867 B2	8/2006	Schul et al.	D690,286 S	9/2013	Petersen	
D548,887 S	8/2007	Aledo et al.	D709,861 S	7/2014	Brunner et al.	
D551,656 S	9/2007	Ritsher et al.	D716,271 S	10/2014	Kang et al.	
D553,121 S	10/2007	Gondo et al.	D722,595 S	2/2015	Mackiewicz et al.	
D555,636 S	11/2007	Chen et al.	D726,155 S	4/2015	Cheng et al.	
D556,732 S	12/2007	Chan	D726,684 S	4/2015	Schmiedbauer	
D566,730 S	4/2008	Lee	D727,298 S	4/2015	Chang	
D572,702 S	7/2008	Bart	D730,322 S	5/2015	Brunner et al.	
D573,579 S	7/2008	Yamaguchi	D730,323 S	5/2015	Brunner et al.	
D583,360 S	12/2008	Gredler	D731,467 S	6/2015	Brunner et al.	
D587,675 S	3/2009	Xie	D734,741 S	7/2015	Brunner et al.	
D599,782 S	9/2009	Tse	D737,248 S	8/2015	Billington	
D600,251 S	9/2009	Poandl	D739,386 S	9/2015	Gattinger	
D606,979 S	12/2009	Henry	D746,676 S	1/2016	Raphaelson et al.	
D607,536 S	1/2010	Filo	D749,546 S	2/2016	Brunner et al.	
D611,450 S	3/2010	Miyazaki	D755,161 S	5/2016	Brunner et al.	
7,689,197 B2	3/2010	Laude et al.	D768,598 S	10/2016	Skelton et al.	
D616,420 S	5/2010	Morimoto	D784,294 S	4/2017	Fields et al.	
D620,921 S	8/2010	Skurdal	D797,703 S	9/2017	Boyd et al.	
D620,923 S	8/2010	Orfali	D806,569 S	1/2018	Brunner et al.	
D621,383 S	8/2010	Hou	D818,992 S	5/2018	Marks et al.	
D625,288 S	10/2010	Ueda	D820,689 S	6/2018	Brunner et al.	
D636,378 S	4/2011	Ohashi et al.	D828,856 S	9/2018	Langhammer et al.	
D636,758 S	4/2011	Tzeng	D842,275 S	3/2019	Brunner et al.	
D636,759 S	4/2011	Chen	D842,276 S	3/2019	Brunner et al.	
D642,156 S	7/2011	Joseph	D860,171 S	9/2019	Schmiedbauer	
D642,159 S	7/2011	Joseph	D862,416 S	10/2019	Czaniecki et al.	
D659,119 S	5/2012	Brunner et al.	D886,076 S	6/2020	Zhao	
8,180,095 B2	5/2012	Zhang	D894,866 S	9/2020	Wijaya et al.	
D674,775 S	1/2013	Bolton	D912,010 S	3/2021	Luo	
D676,830 S	2/2013	Garrett	D916,046 S	4/2021	Distefano	
D678,243 S	3/2013	McManiqal et al.	D918,174 S	5/2021	Czaniecki et al.	
D681,010 S	4/2013	Cho et al.	D932,462 S	10/2021	Wu et al.	
D685,349 S	7/2013	Ohno et al.	D939,469 S	12/2021	Yin et al.	
D687,016 S	7/2013	Brunner et al.	D958,113 S	7/2022	Brunner et al.	
D689,845 S	9/2013	Nylen	D959,410 S	8/2022	Brunner et al.	
D690,281 S	9/2013	Carr et al.	D976,867 S *	1/2023	Kobayashi	D14/215
			D986,854 S *	5/2023	Du	D14/213
			D991,901 S *	7/2023	Yang	D14/204

\* cited by examiner

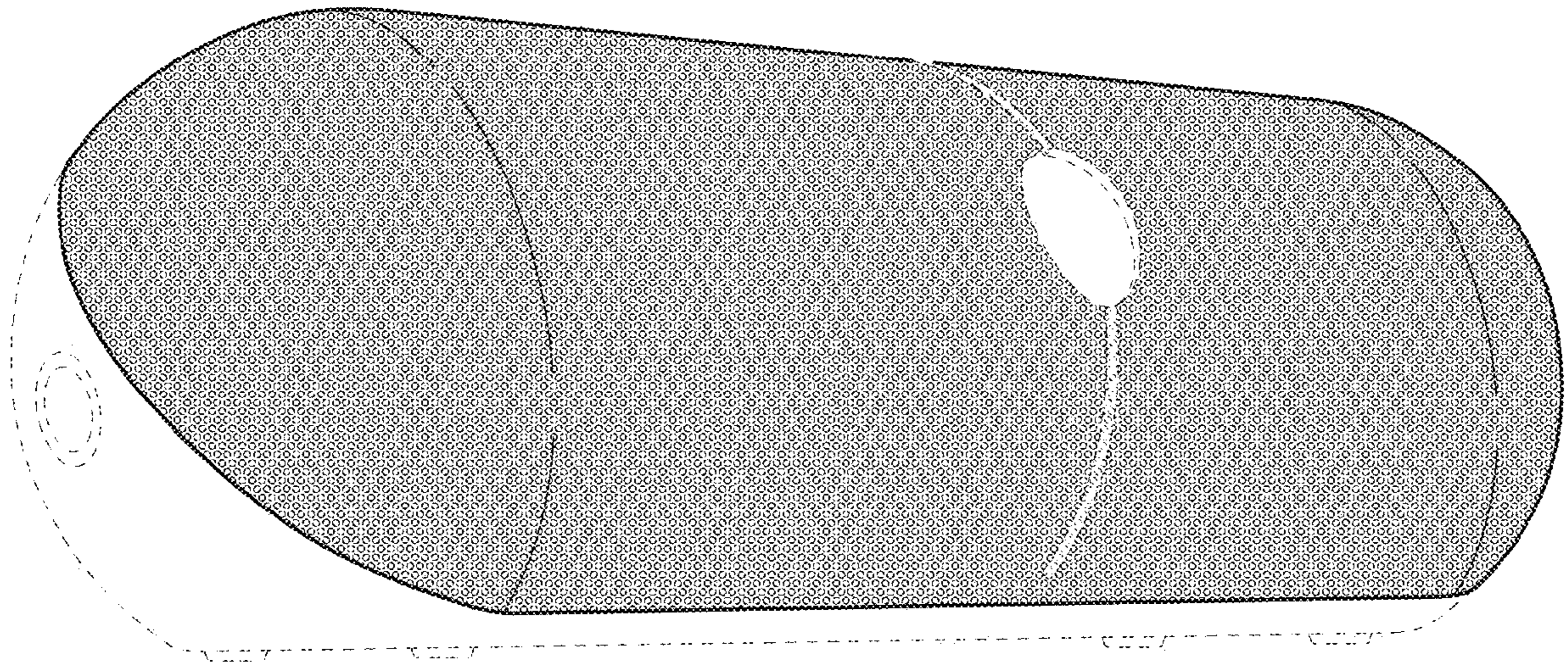


FIG. 1



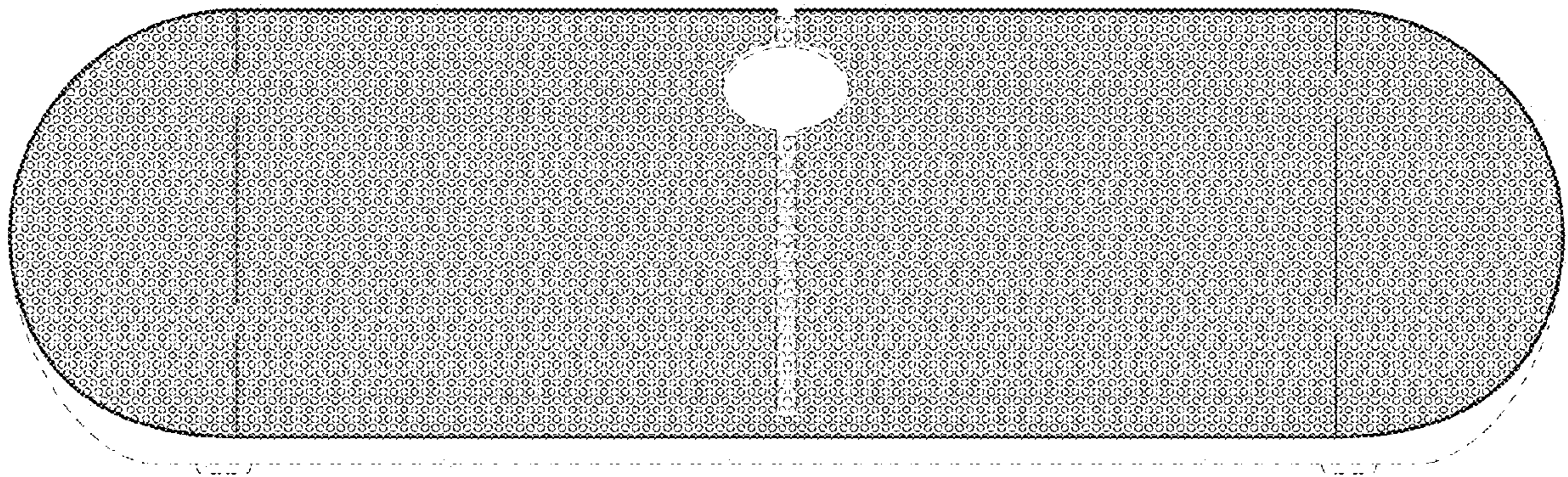


FIG. 2

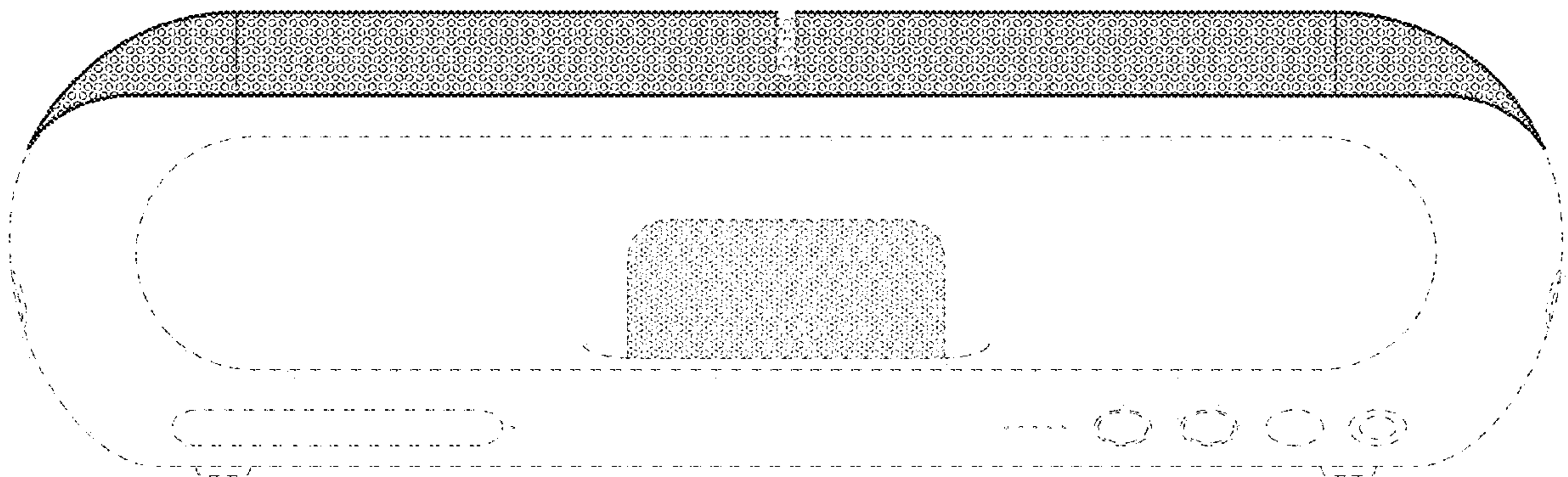


FIG. 3



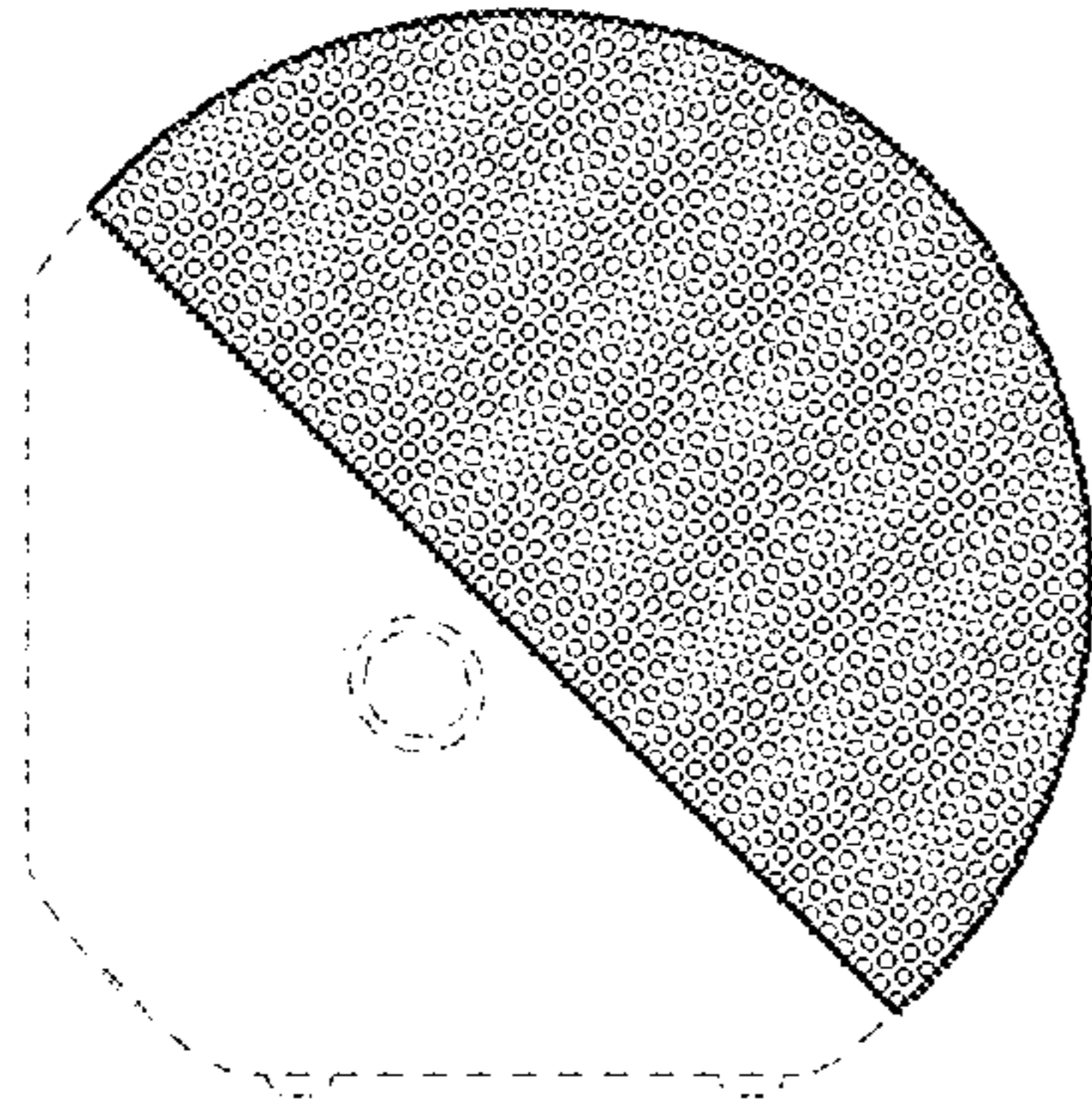


FIG. 4

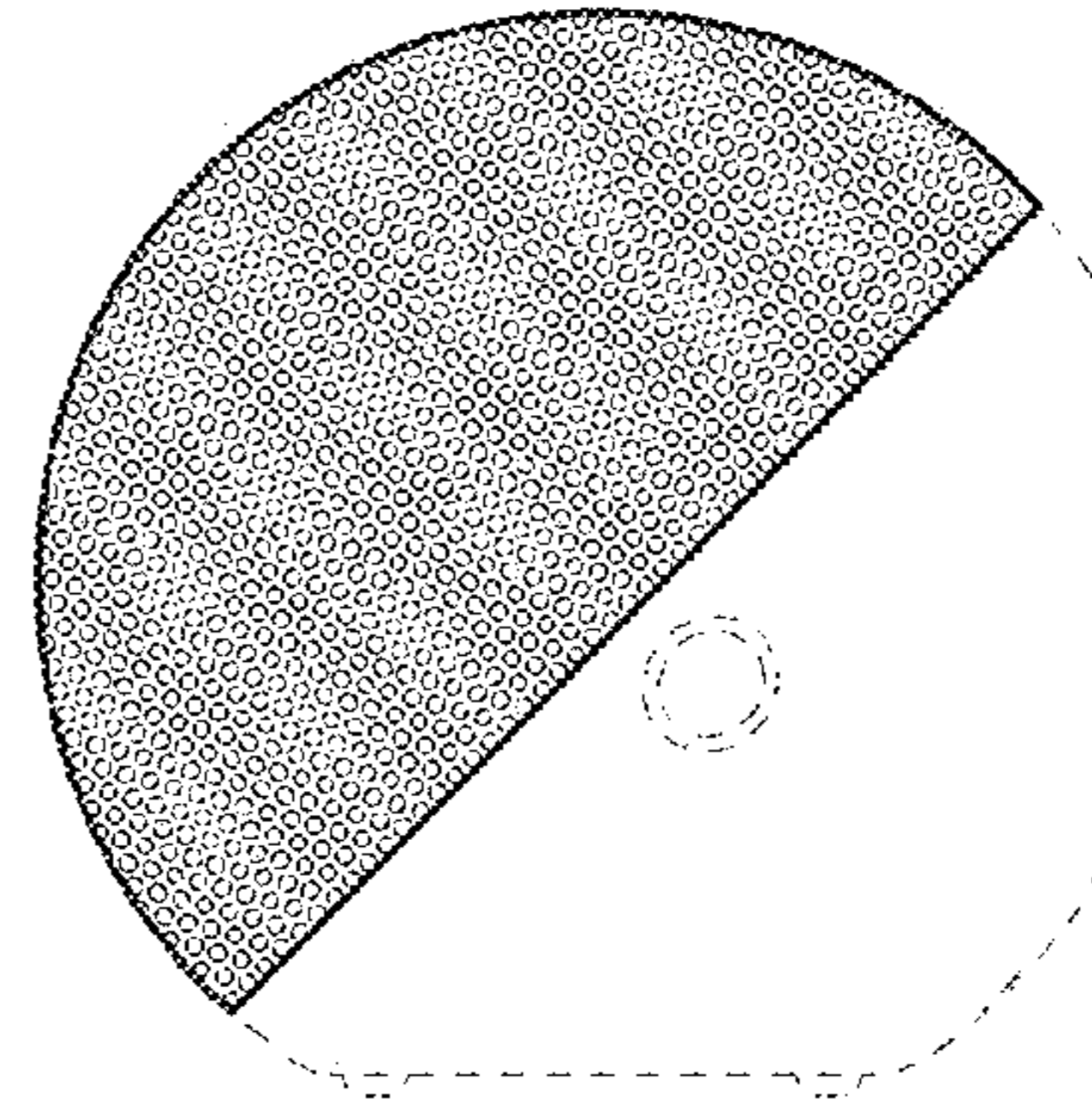


FIG. 5

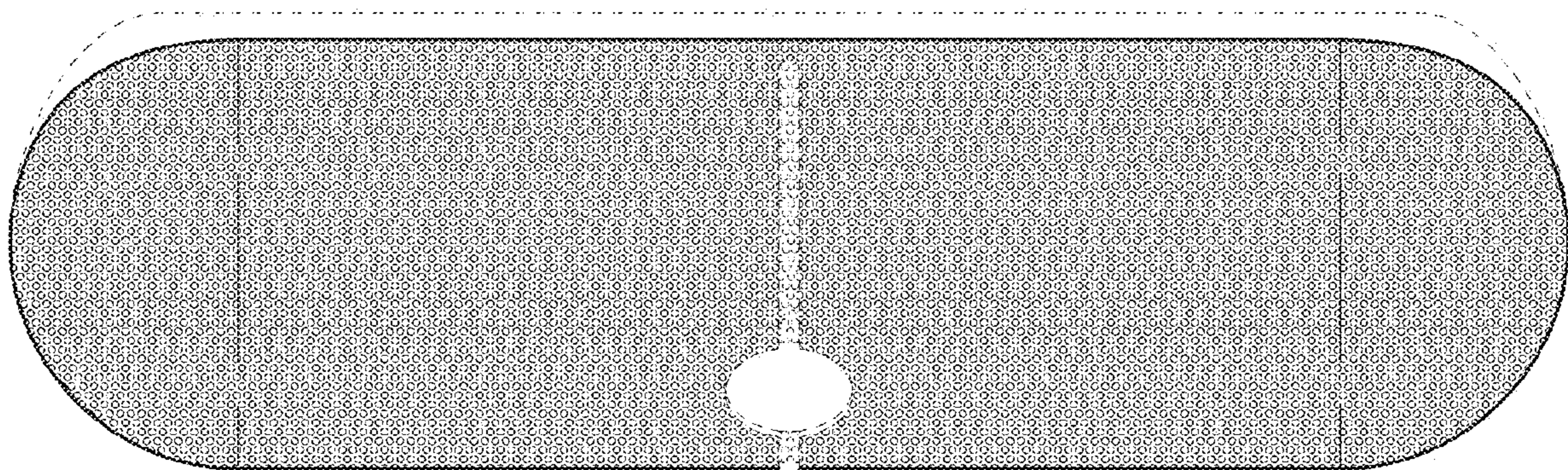


FIG. 6