US00D882547S

(12) United States Design Patent

Gurkin et al.

(10) Patent No.: US D882,547 S
(45) Date of Patent: ** Apr. 28, 2020

(54) **SPEAKER DEVICE**

(71) Applicant: **YANDEX EUROPE AG**, Lucerne (CH)

(72) Inventors: **Roman Vladimirovich Gurkin**, Moscow (RU); **Konstantin Igorievich Kruglov**, Moscow (RU); **Grigory Mikhailovich Chemeris**, Moscow (RU); **Nikolai Anatolievich Lozinskiy**, St. Petersburg (RU); **Igor Sergeevich Mikhnenko**, Kharkov (UA); **Mikhail Vladimirovich Sannikov**, Izhevsk (RU); **Aleksandr Yurievich Vlasenko**, St. Petersburg (RU)

(73) Assignee: **YANDEX EUROPE AG**, Lucerne (CH)

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

(21) Appl. No.: **29/654,673**

(22) Filed: **Jun. 26, 2018**

(30) **Foreign Application Priority Data**

Dec. 27, 2017 (RU) 2017506391

(51) **LOC (12) Cl.** **14-01**

(52) **U.S. Cl.**
USPC **D14/210**; D14/215

(58) **Field of Classification Search**
USPC D14/167, 168, 170–172, 188, 194–196, D14/204, 209.1, 210–216, 219, 221, 222, D14/224, 239, 496
(Continued)

(56) **References Cited**

U.S. PATENT DOCUMENTS

2,694,462 A 11/1954 Frank et al.
3,327,808 A 6/1967 Shaper
(Continued)

FOREIGN PATENT DOCUMENTS

CN 101933342 A 12/2010
CN 202602769 U 12/2012
(Continued)

OTHER PUBLICATIONS

Kachur, Liubomyr [Dzone.com]; "The first Russian Smart Speaker is out"; 'https://dzone.com/articles/it-news-weekly-recap-new-facebook-search-engine-mi'; dated Jun. 6, 2018; accessed Oct. 1, 2019; 2p. (Year: 2018).*
(Continued)

Primary Examiner — Keli L Hill
(74) *Attorney, Agent, or Firm* — BCF LLP

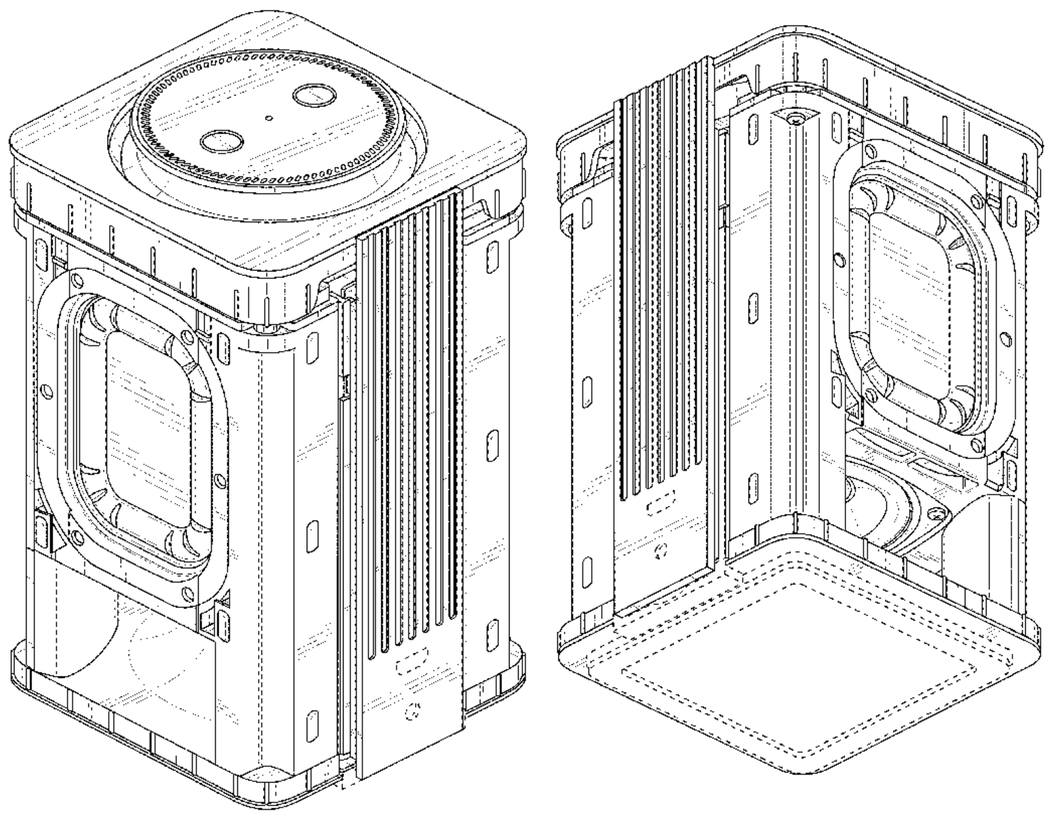
(57) **CLAIM**

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

DESCRIPTION

FIG. **1** is a perspective view showing the top, back and left side of a speaker device according to our design.
FIG. **2** is a perspective view showing the bottom, back and right side of the speaker device of FIG. **1**.
FIG. **3** is a back elevation view of the speaker device in FIG. **1**.
FIG. **4** is a front elevation view of the speaker device in FIG. **1**.
FIG. **5** is a right elevation view of the speaker device in FIG. **1**.
FIG. **6** is a left elevation view of the speaker device in FIG. **1**.
FIG. **7** is a top plan view of the speaker device in FIG. **1**; and,
FIG. **8** is a bottom plan view of the speaker device in FIG. **1**.
The broken lines showing additional structure of the speaker device form no part of the claimed design.

1 Claim, 8 Drawing Sheets



(58) **Field of Classification Search**
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 21/4852; H04R 1/02; H04R 1/06; H04R 1/021; H04R 1/025; H04R 1/026; H04R 1/028; H04R 1/105; H04R 1/323; H04R 1/403; H04R 1/2803; H04R 1/2834; H04R 5/02; H04R 7/20; H04R 9/06; H04R 9/025; H04R 2201/021; H04R 2400/00; H04R 2400/07; H04R 2499/11; H04R 2499/13; H04R 2499/15; H04S 3/00; H04S 7/30
See application file for complete search history.

(56) **References Cited**

U.S. PATENT DOCUMENTS

3,329,235	A	7/1967	Shaper	
D230,194	S *	1/1974	Buckler	D14/197
3,818,138	A	6/1974	Sperrazza	
4,574,906	A	3/1986	White et al.	
5,712,957	A	1/1998	Waibel et al.	
D403,680	S	12/1999	Gremchuck	
D419,559	S *	1/2000	Hsu	D14/214
D448,748	S *	10/2001	Wong	D14/194
6,701,294	B1	3/2004	Ball et al.	
D524,799	S	7/2006	Hibi	
D531,617	S	11/2006	Rozier	
D570,828	S	6/2008	Cho	
D571,356	S *	6/2008	Smith	D14/168
D593,071	S	5/2009	Laituri et al.	
D617,775	S	6/2010	Chae et al.	
7,925,004	B2	4/2011	Hodges et al.	
D638,402	S	5/2011	Hoehn	
7,953,456	B2	5/2011	Romesburg et al.	
8,140,335	B2	3/2012	Kennewick et al.	
8,219,394	B2	7/2012	Flaks et al.	
8,401,178	B2	3/2013	Chen et al.	
D681,601	S	5/2013	Gebski	
D686,594	S	7/2013	Lyubachev	
D693,794	S *	11/2013	Nauroy	D14/214
D713,405	S *	9/2014	Akana	D14/349
8,914,277	B1	12/2014	Liu	
8,935,163	B2	1/2015	Huang et al.	
8,971,543	B1	3/2015	List	
9,001,994	B1	4/2015	Yang	
D729,205	S	5/2015	Shu et al.	
9,060,224	B1	6/2015	List	
9,087,520	B1	7/2015	Salvador	
9,113,264	B2	8/2015	Frater	
9,288,331	B2	3/2016	Mauchly et al.	
9,324,322	B1	4/2016	Torok et al.	
9,351,059	B1	5/2016	Suhre	
D777,704	S	1/2017	Helwig et al.	
D780,729	S	3/2017	Shin et al.	
9,595,997	B1	3/2017	Yang	
9,628,910	B2	4/2017	Zurek et al.	
9,641,919	B1	5/2017	Poole et al.	
D842,847	S *	3/2019	Walliser	D14/240
D854,509	S *	7/2019	Wu	D14/168
2008/0080723	A1	4/2008	Kim et al.	
2009/0203344	A1	8/2009	Hanawalt et al.	
2010/0036667	A1	2/2010	Byford et al.	
2014/0140537	A1	5/2014	Soulodre	
2014/0172422	A1	6/2014	Hefetz	
2015/0012829	A1	1/2015	Brown et al.	
2015/0256953	A1	9/2015	Kwatra et al.	
2017/0025124	A1	1/2017	Mixter et al.	
2017/0140755	A1	5/2017	Andreas et al.	
2019/0200153	A1 *	6/2019	Gurkin	H04S 7/301

FOREIGN PATENT DOCUMENTS

CN	103491484	A	1/2014
CN	105163241	A	12/2015
CN	106297815	A	1/2017
CN	209572148	U	11/2019
JP	2007181099	A	7/2007
RU	2586842	C2	6/2016
RU	2639952	C2	12/2017
TW	201328177	A	7/2013
WO	2017/185046	A1	10/2017

OTHER PUBLICATIONS

Search Report with regard to the counterpart RU Patent Application No. RU 2017146273 completed Jul. 23, 2019.
Vergnes, "Interactive Assistant for Activities of Daily Living", IOS Press, Canada, 2003, pp. 1-8.
Sundblad et al., "OLGA—a Multimodal Interactive Information Assistant", CID—Center for User Oriented IT Design, Sweden, 2 pages, bladhttps://www.semanticscholar.org/paper/OLGA-a-multimodal-interactive-information-assistant-Sundblad-Sundblad/6f9c6b7e09947c34ae54fcc29b38d96a71acc7c5.
English Abstract for CN106297815 retrieved on Espacenet on Feb. 14, 2018.
English Abstract for JP2007181099 retrieved on Espacenet on Feb. 14, 2018.
English Abstract for CN202602769 retrieved on Espacenet on Feb. 14, 2018.
Restriction Requirement received with regard to the counterpart design U.S. Appl. No. 29/654,667 dated Nov. 26, 2019.
Office Action with regard to the counterpart U.S. Appl. No. 29/654,667 dated Feb. 4, 2020.
Office Action with regard to the counterpart CN patent application No. 201811447639.9 dated Mar. 2, 2020.
English Abstract for CN209572148 retrieved from Espacenet dated Mar. 13, 2020.
English Abstract for CN105163241 retrieved from Espacenet dated Mar. 13, 2020.
English Abstract for CN103491484 retrieved from Espacenet dated Mar. 13, 2020.
English Abstract for TW201328177 retrieved from Espacenet dated Mar. 13, 2020.
English Abstract for CN101933342 retrieved from Espacenet dated Mar. 13, 2020.

* cited by examiner

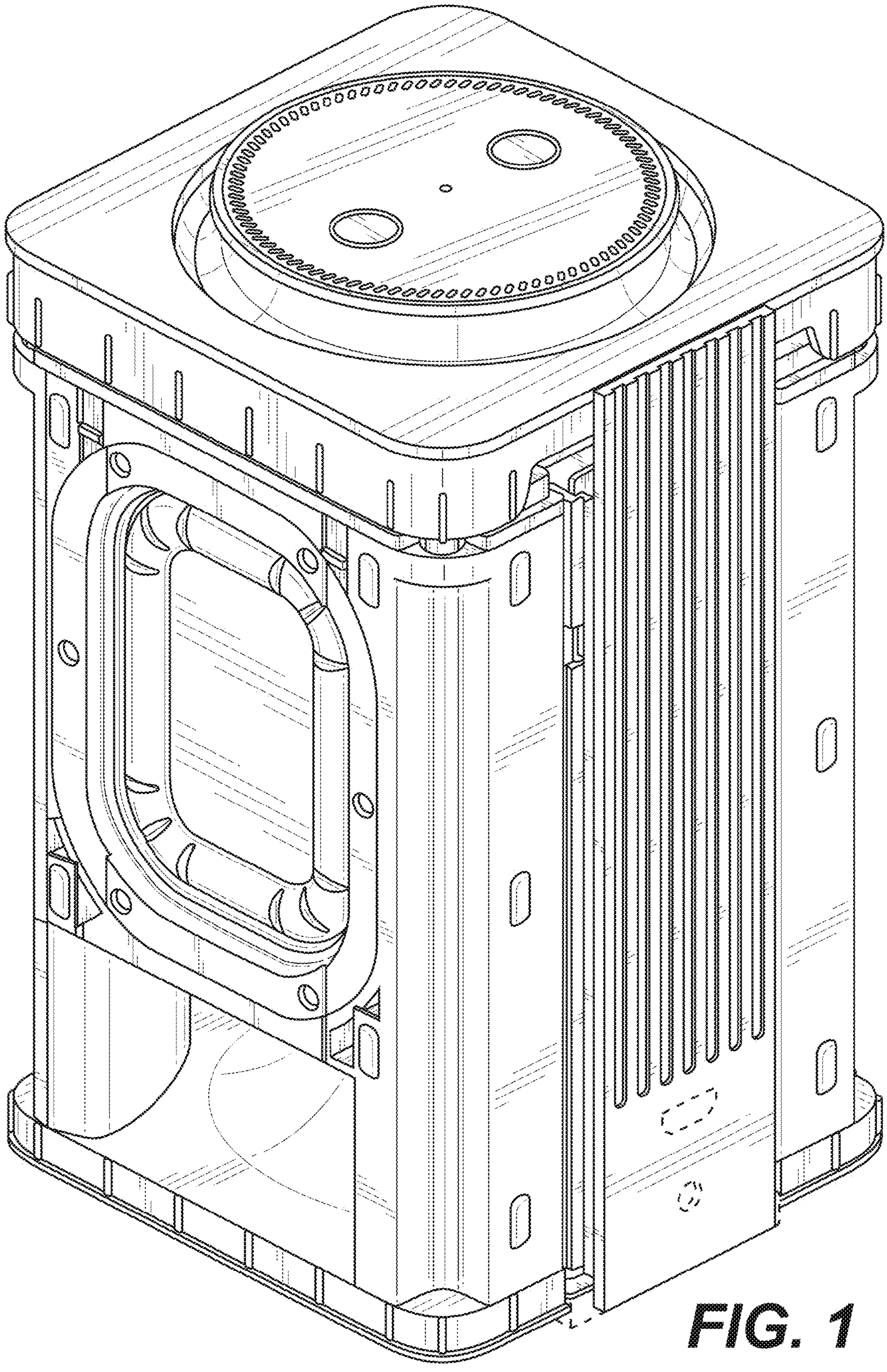


FIG. 1

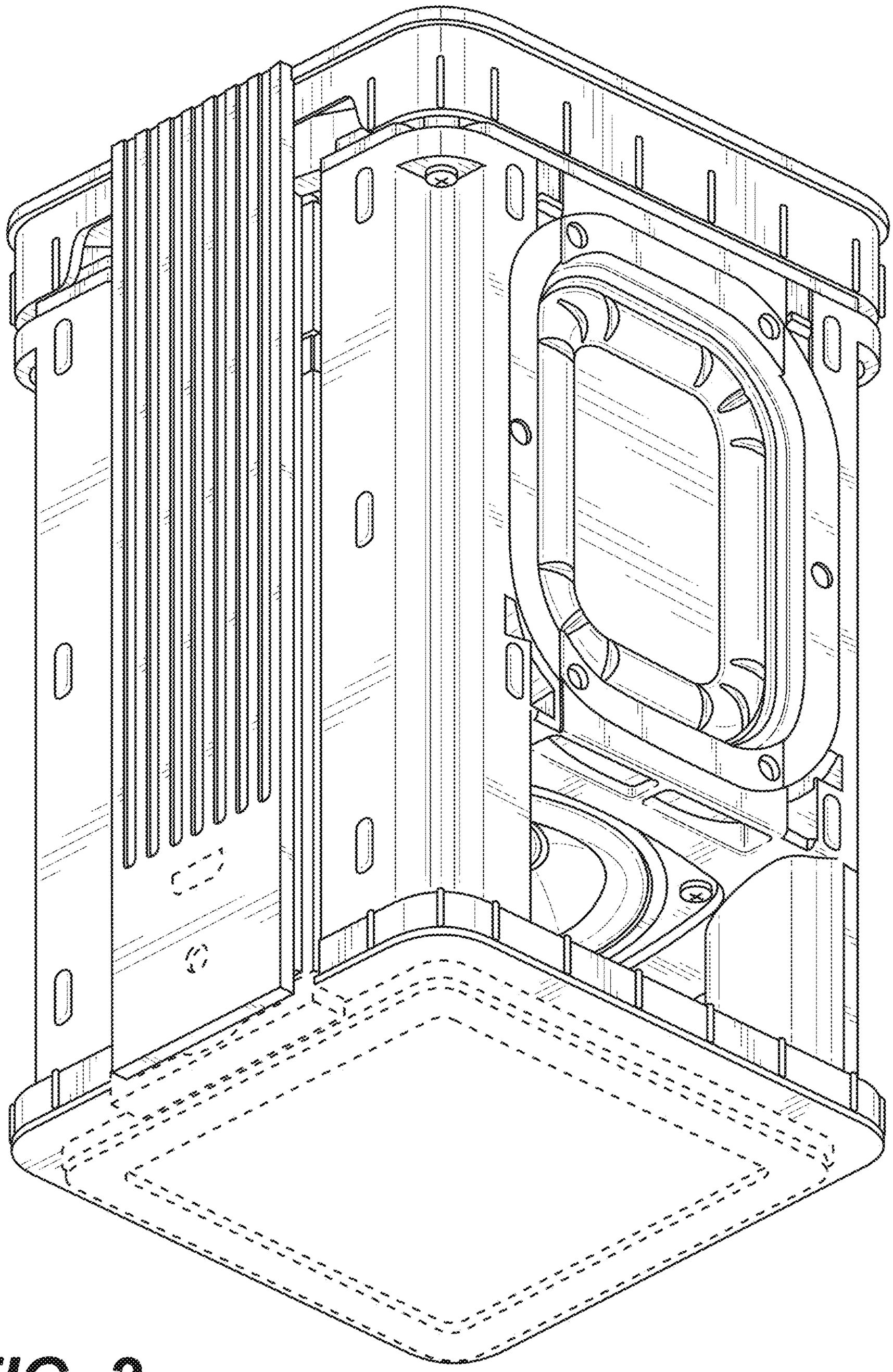


FIG. 2

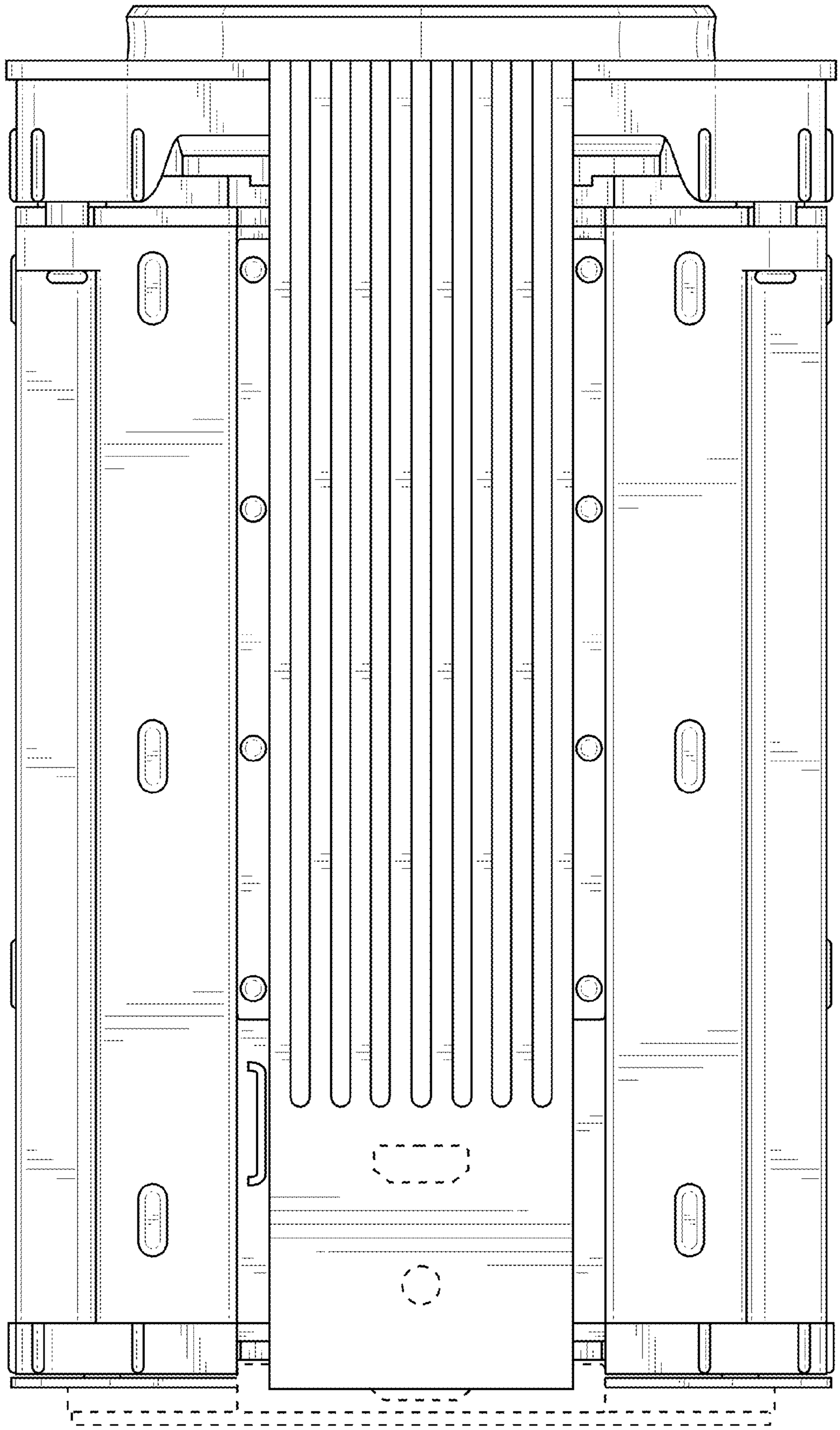


FIG. 3

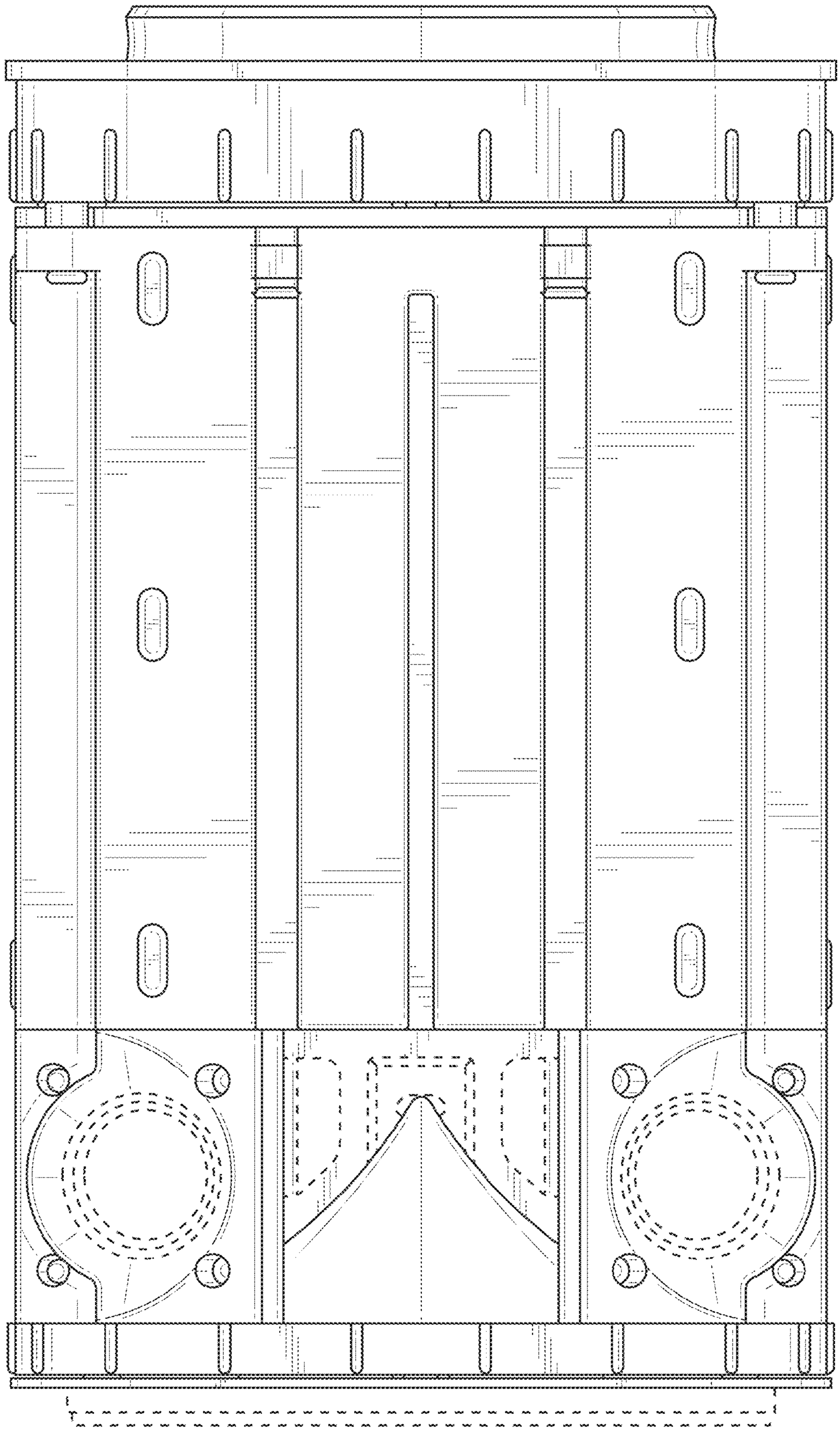


FIG. 4

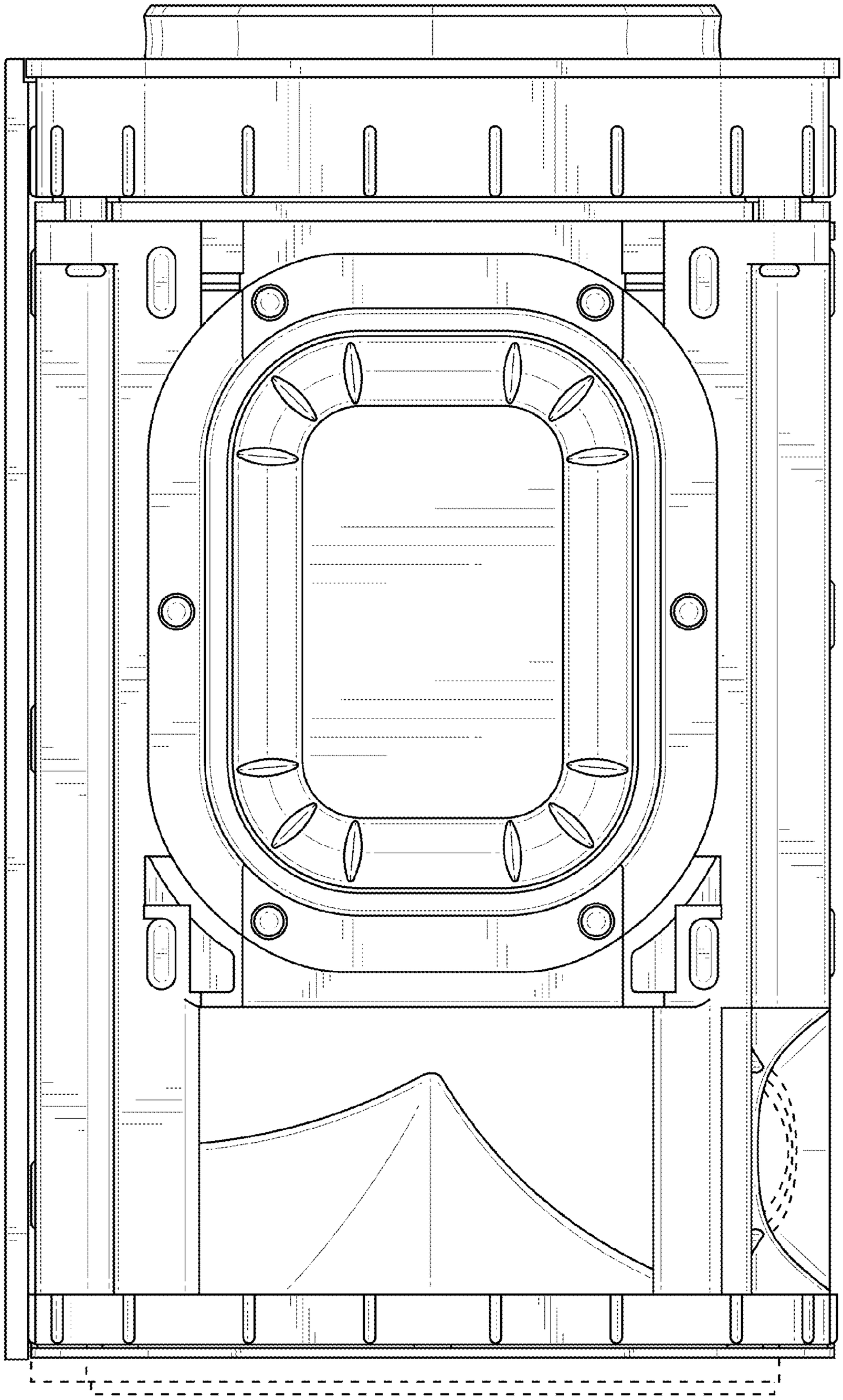


FIG. 5

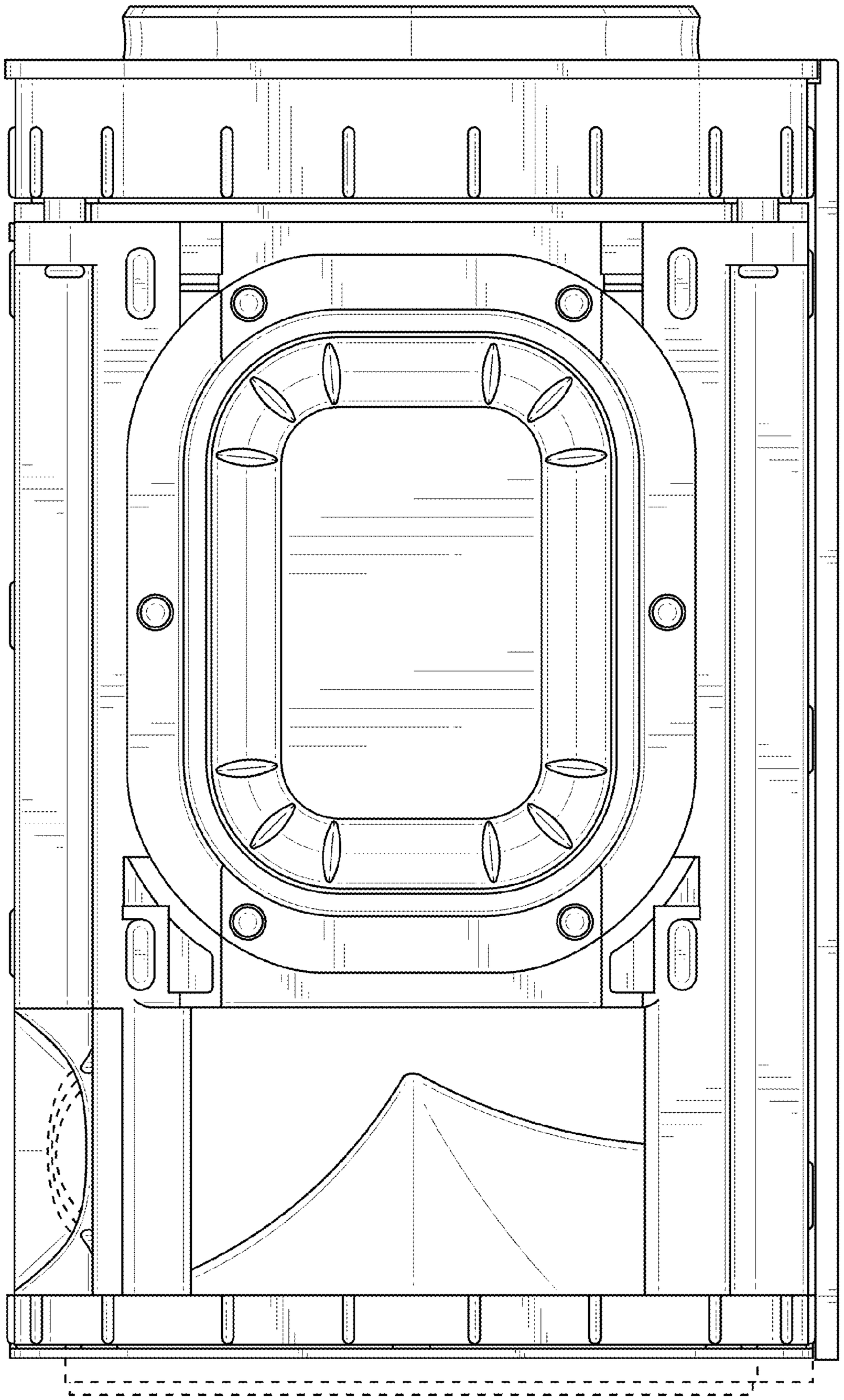


FIG. 6

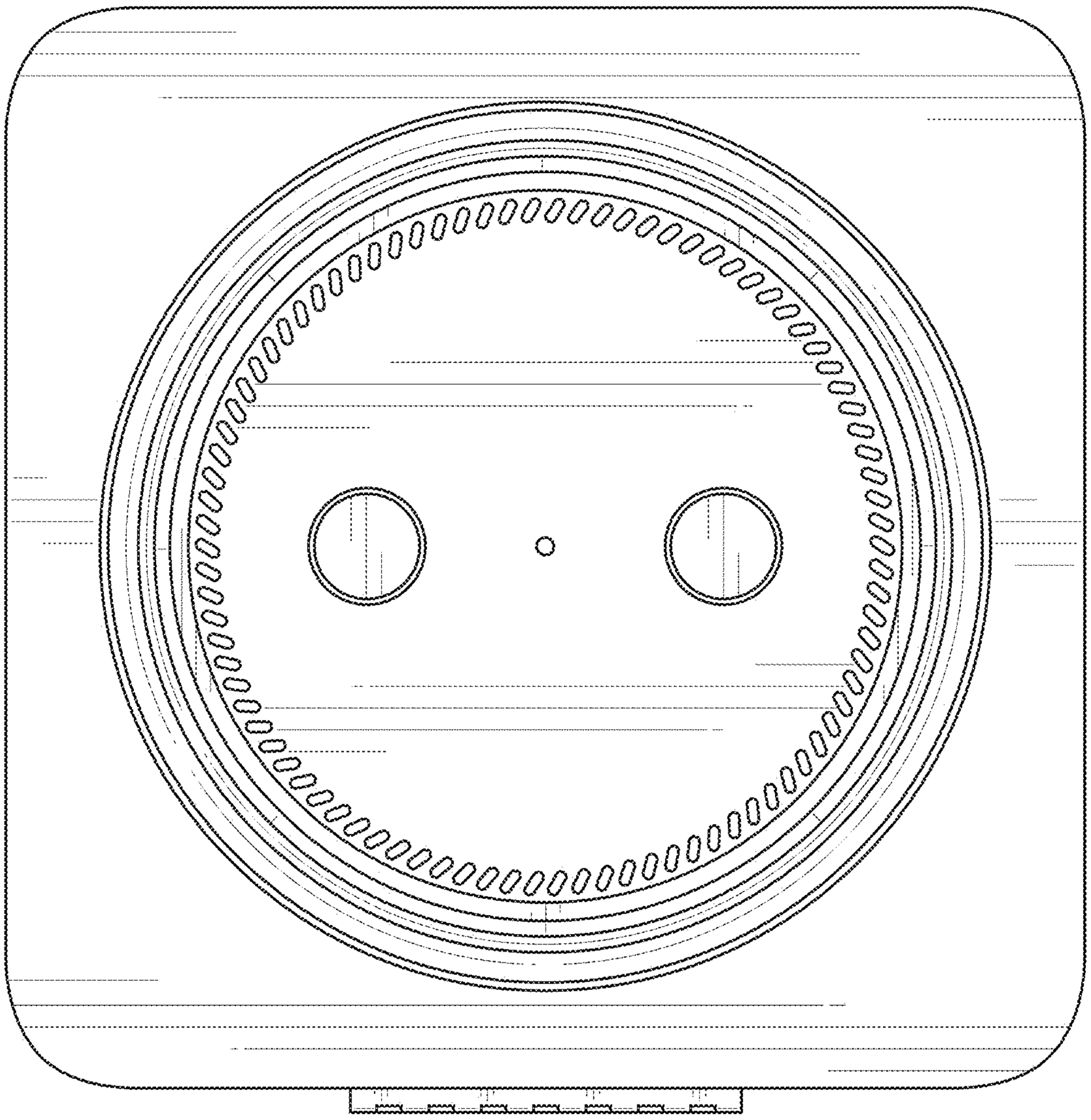


FIG. 7

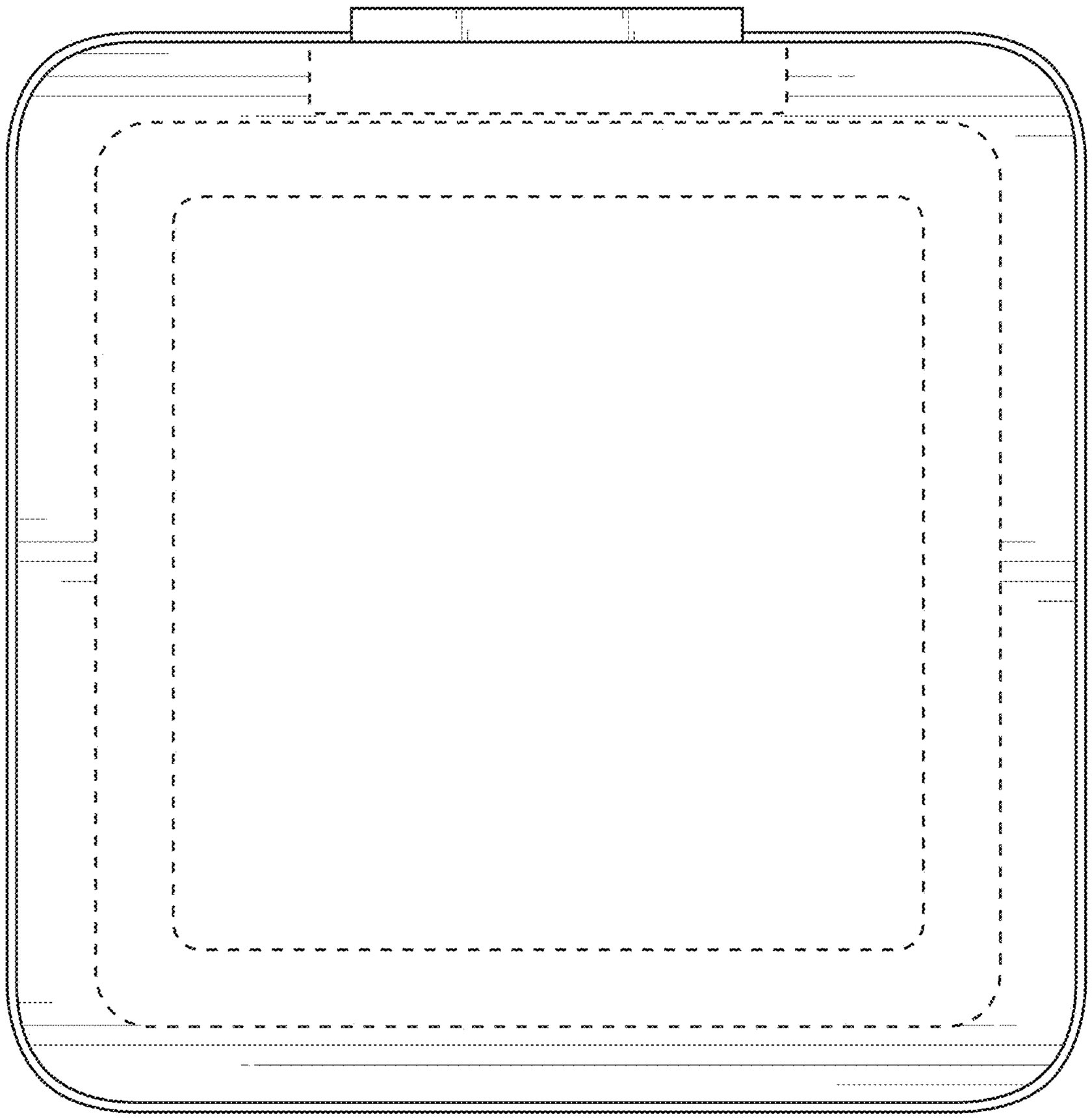


FIG. 8