US00D935915S

(12) United States Design Patent

Ding et al.

(10) Patent No.: US D935,915 S
(45) Date of Patent: ** Nov. 16, 2021

(54) **LIDAR**

(71) Applicant: **HESAI PHOTONICS TECHNOLOGY CO., LTD.**, Shanghai (CN)

(72) Inventors: **Linsen Ding**, Shanghai (CN); **Shaoqing Xiang**, Shanghai (CN)

(73) Assignee: **HESAI TECHNOLOGY CO., LTD.**, Shanghai (CN)

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

(21) Appl. No.: **29/715,880**

(22) Filed: **Dec. 5, 2019**

(30) **Foreign Application Priority Data**

Jun. 5, 2019 (CN) 201930289365.4

(51) **LOC (13) Cl.** **10-04**

(52) **U.S. Cl.**
USPC **D10/70**

(58) **Field of Classification Search**
USPC ... D10/46, 47, 49, 61–62, 64–66, 70–78, 80
CPC G01S 7/481; G01S 7/4863; G01S 7/51; G01S 7/521; G01S 17/93; G01S 17/931; G01S 2013/9327; G01S 2013/93271–93277; G05D 2201/0213; G06T 2207/30252
See application file for complete search history.

(56) **References Cited**

U.S. PATENT DOCUMENTS

D226,847	S *	5/1973	King	D24/232
D690,612	S *	10/2013	Lam	D10/81
D707,577	S *	6/2014	Marx	D10/96
D737,695	S *	9/2015	Angenendt	D10/46
D756,816	S *	5/2016	Langton	D10/70
9,904,375	B1 *	2/2018	Donnelly	G05D 1/00
D826,746	S *	8/2018	Qiu	D10/70
10,295,656	B1 *	5/2019	Li	G01S 7/4818
10,473,767	B2 *	11/2019	Xiang	G02B 26/105
D882,430	S *	4/2020	Haban	D10/70
D885,946	S *	6/2020	Sono	D10/70
2015/0192677	A1 *	7/2015	Yu	G01S 17/931 356/5.01
2017/0269197	A1 *	9/2017	Hall	G01S 17/89
2017/0299700	A1 *	10/2017	Pacala	G01S 17/89
2018/0081063	A1 *	3/2018	Justice	G01S 7/4814
2019/0086539	A1 *	3/2019	Shin	G01S 17/89
2019/0129010	A1 *	5/2019	Cao	B60R 11/00

(Continued)

Primary Examiner — Katherine Glennon

(74) *Attorney, Agent, or Firm* — Enshan Hong; MagStone Law, LLP

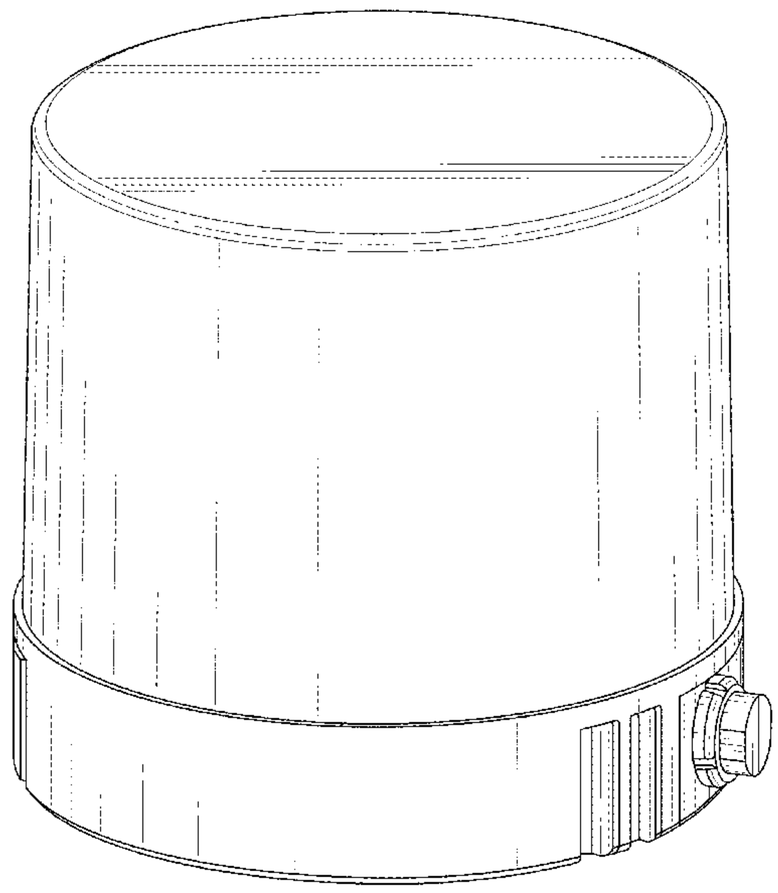
(57) **CLAIM**

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

DESCRIPTION

FIG. **1** is a perspective view of a lidar showing the first embodiment of my new design;
FIG. **2** is a front view thereof;
FIG. **3** is a back view thereof;
FIG. **4** is a left view thereof;
FIG. **5** is a right view thereof;
FIG. **6** is a top view thereof;
FIG. **7** is a bottom view thereof;
FIG. **8** is a perspective view of a lidar showing the second embodiment of my new design;
FIG. **9** is a front view thereof;
FIG. **10** is a back view thereof;
FIG. **11** is a left view thereof;
FIG. **12** is a right view thereof;
FIG. **13** is a top view thereof; and,
FIG. **14** is a bottom view thereof.
The portions of the article shown in broken lines form no part of the claimed design.

1 Claim, 14 Drawing Sheets



(56) **References Cited**

U.S. PATENT DOCUMENTS

2019/0353756	A1*	11/2019	Ratner	G01S 7/4813
2020/0150237	A1*	5/2020	Qiu	G01S 17/931
2021/0190918	A1*	6/2021	Li	G01S 7/4815
2021/0215804	A1*	7/2021	Liu	G01S 7/4813

* cited by examiner

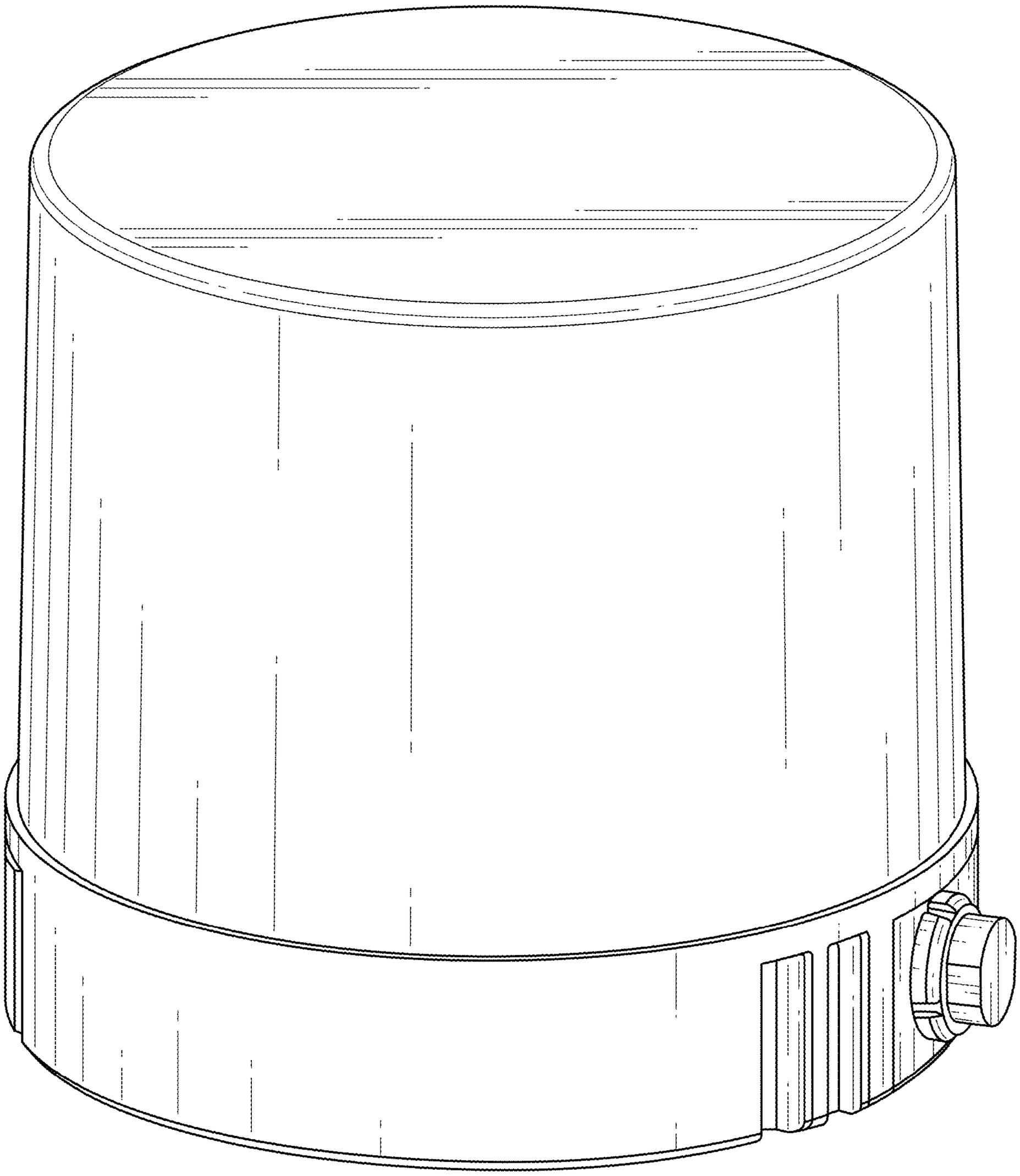


FIG. 1

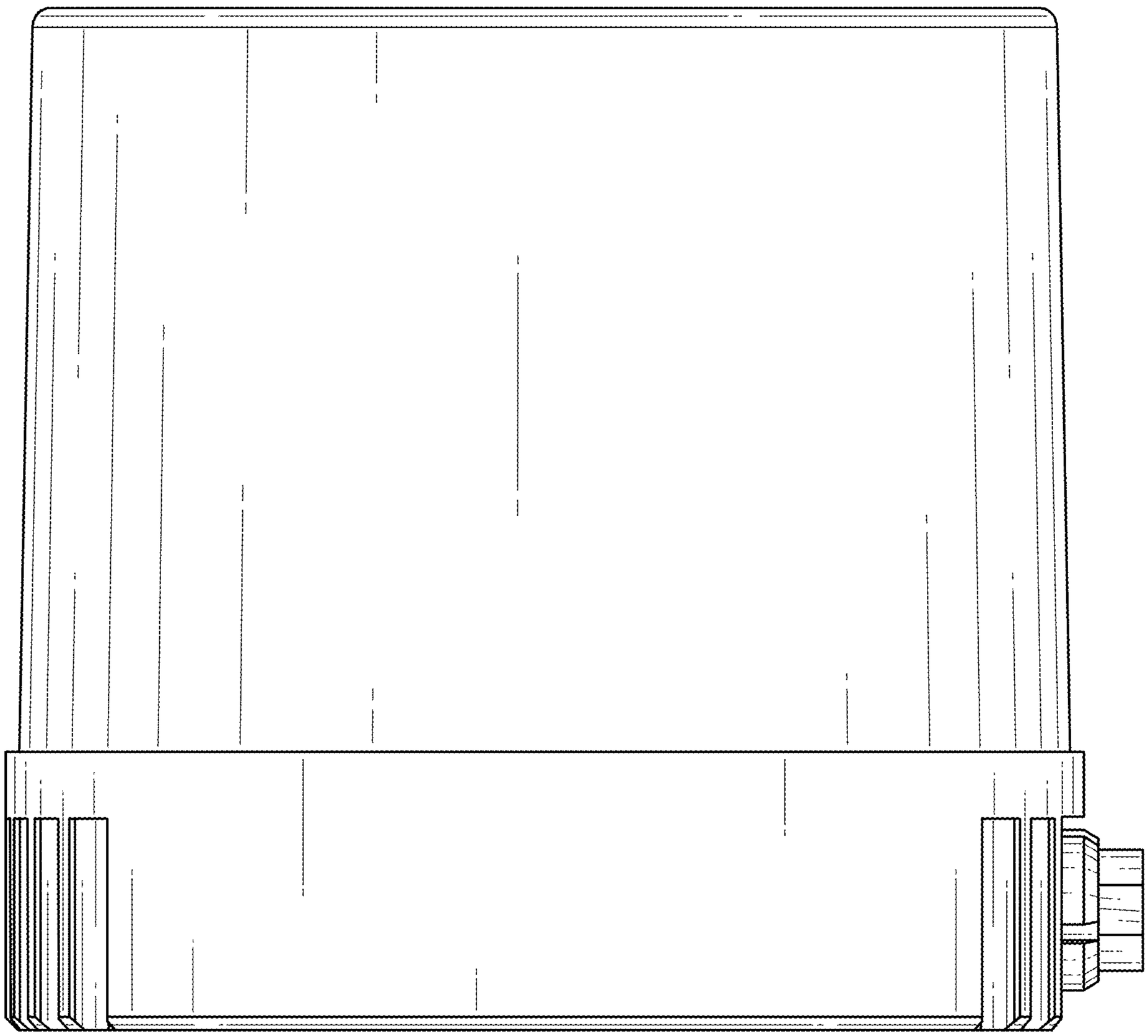


FIG. 2

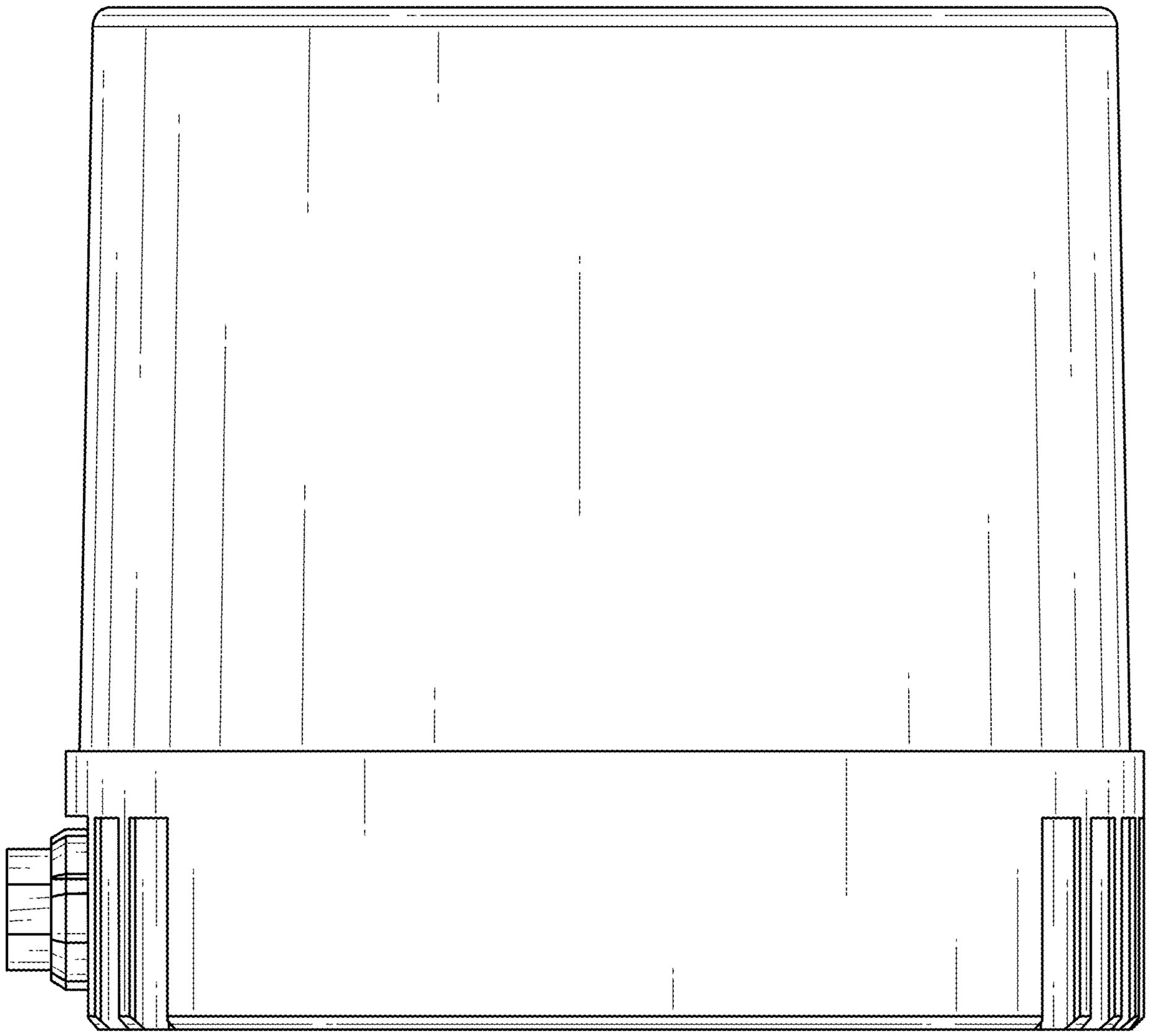


FIG. 3

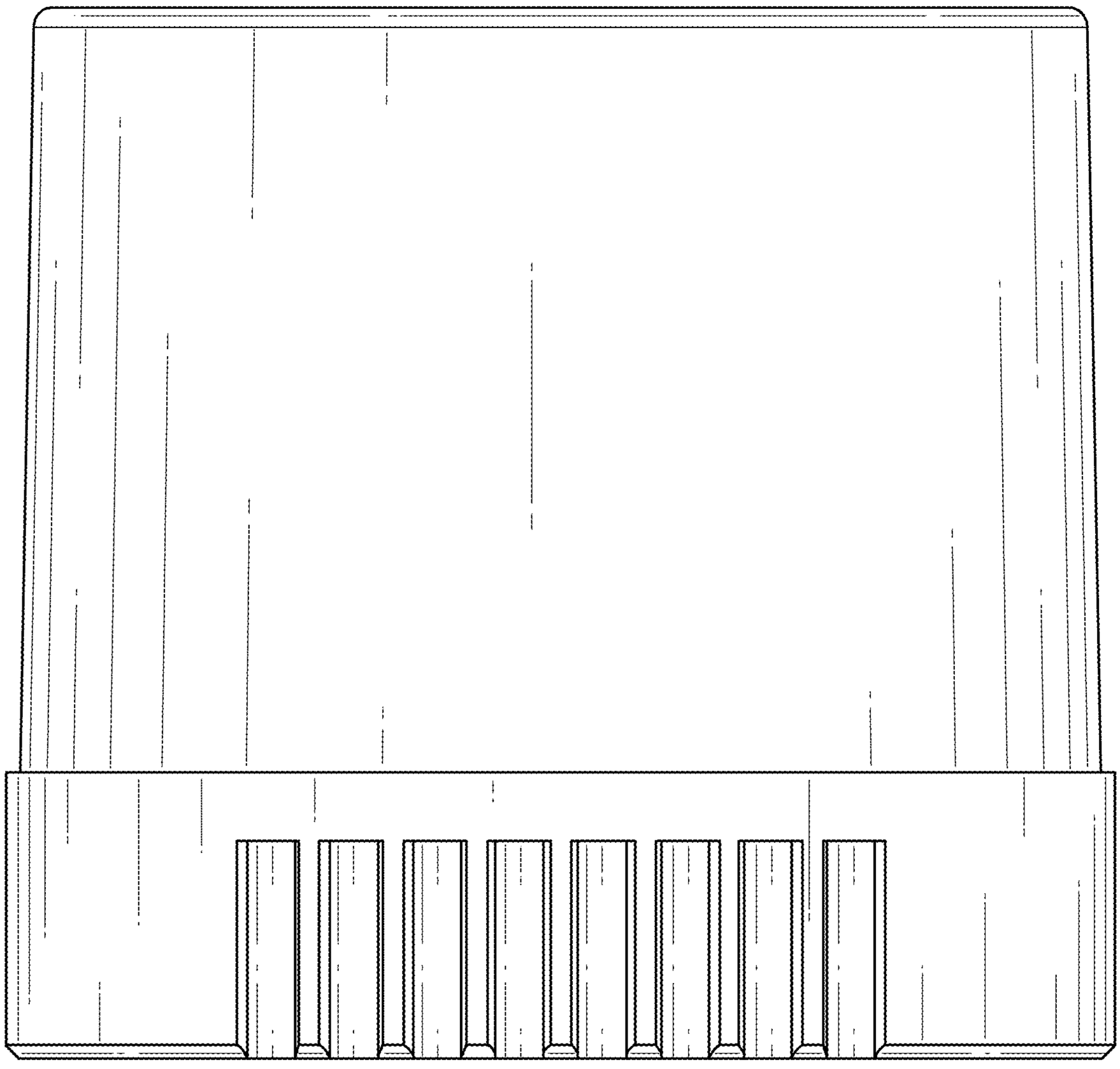


FIG. 4

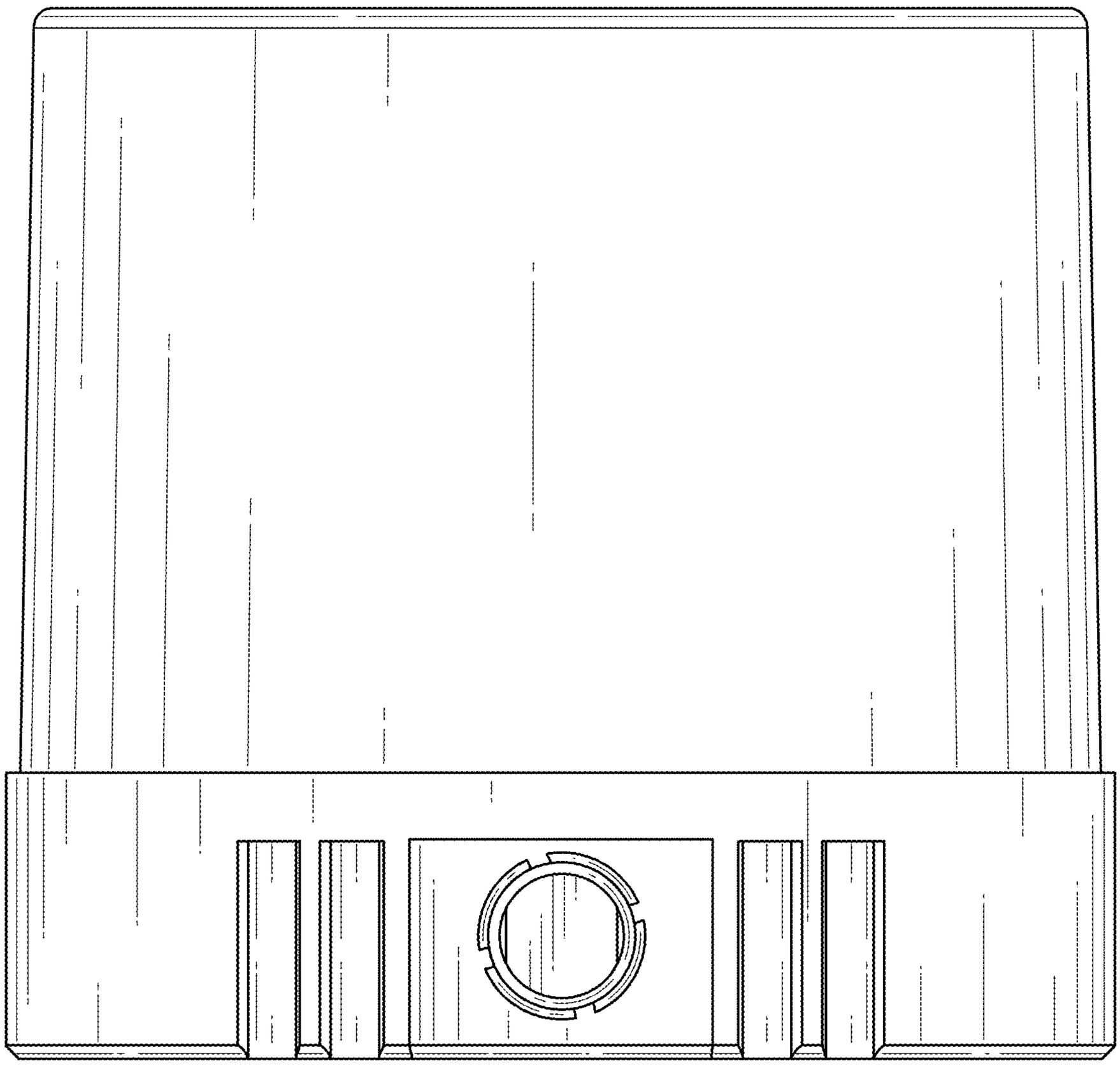


FIG. 5

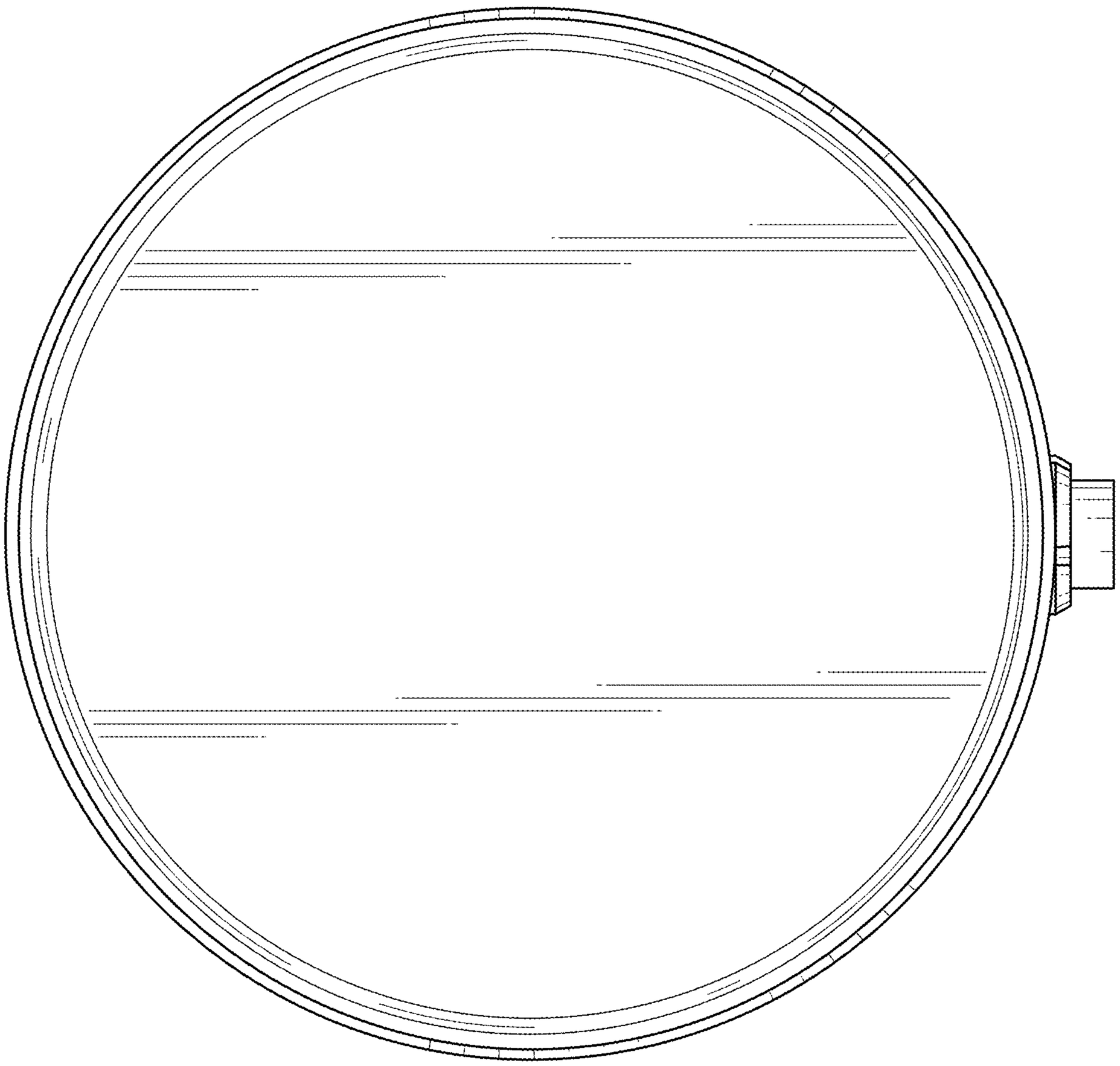


FIG. 6

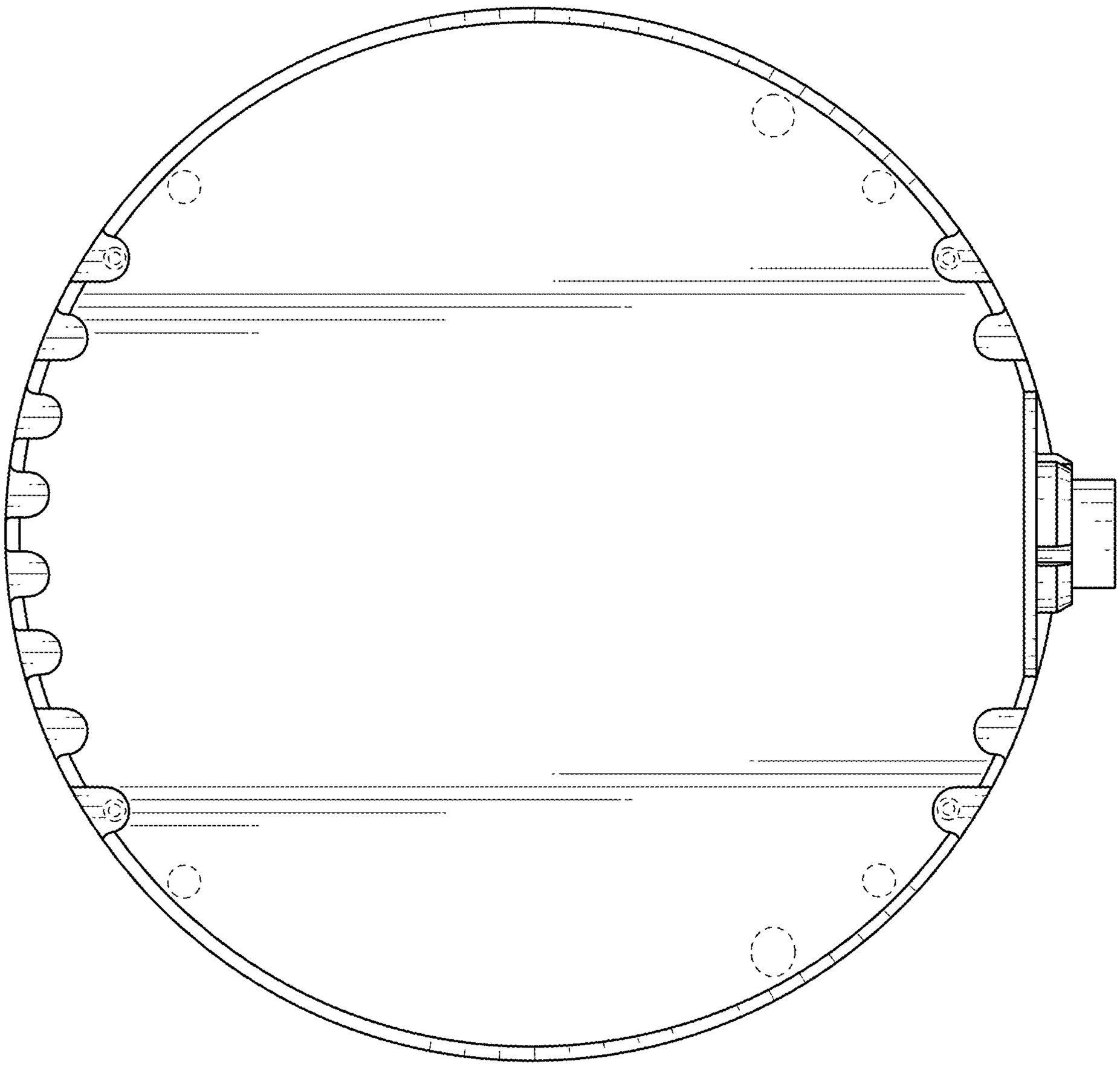


FIG. 7

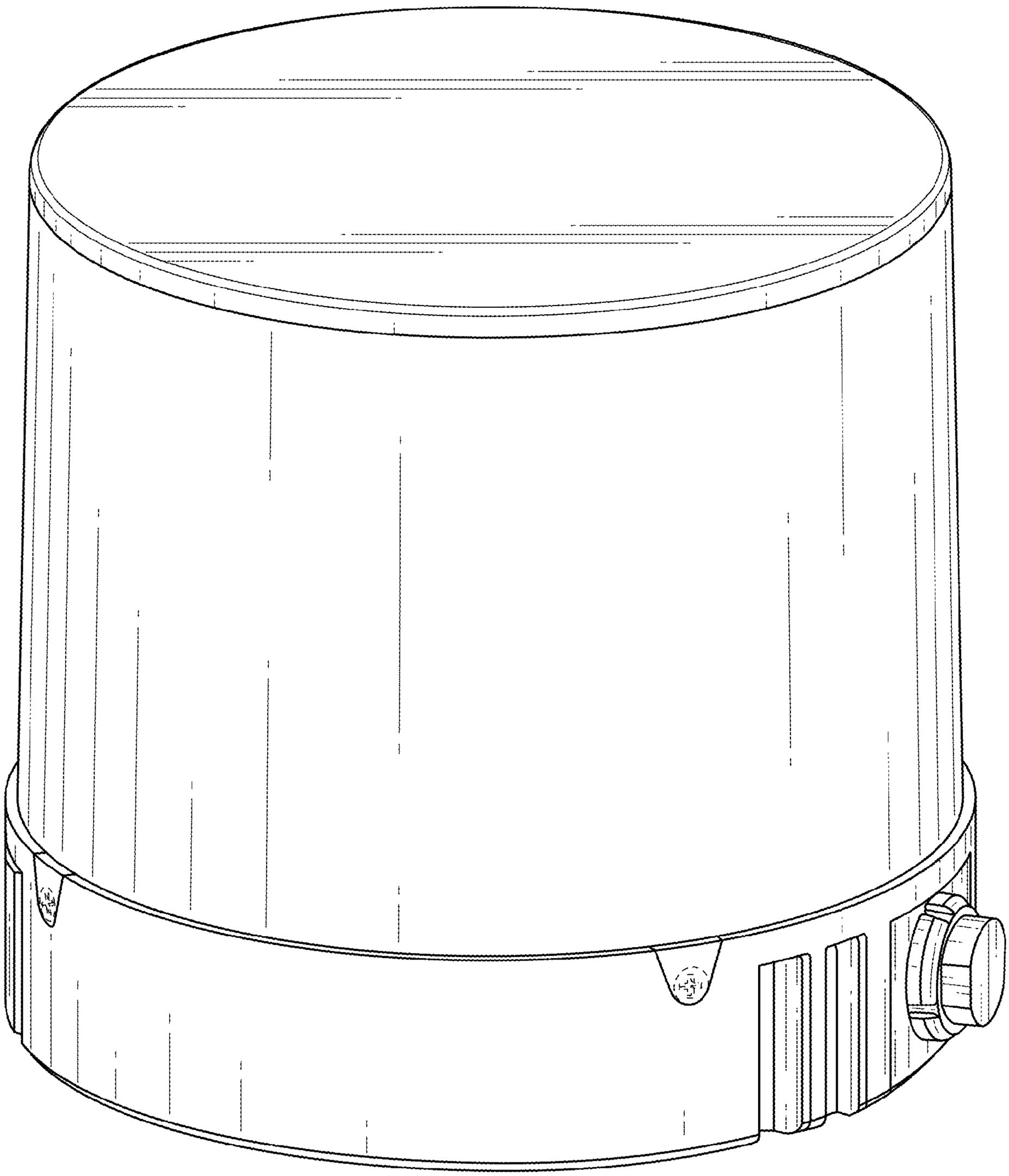


FIG. 8

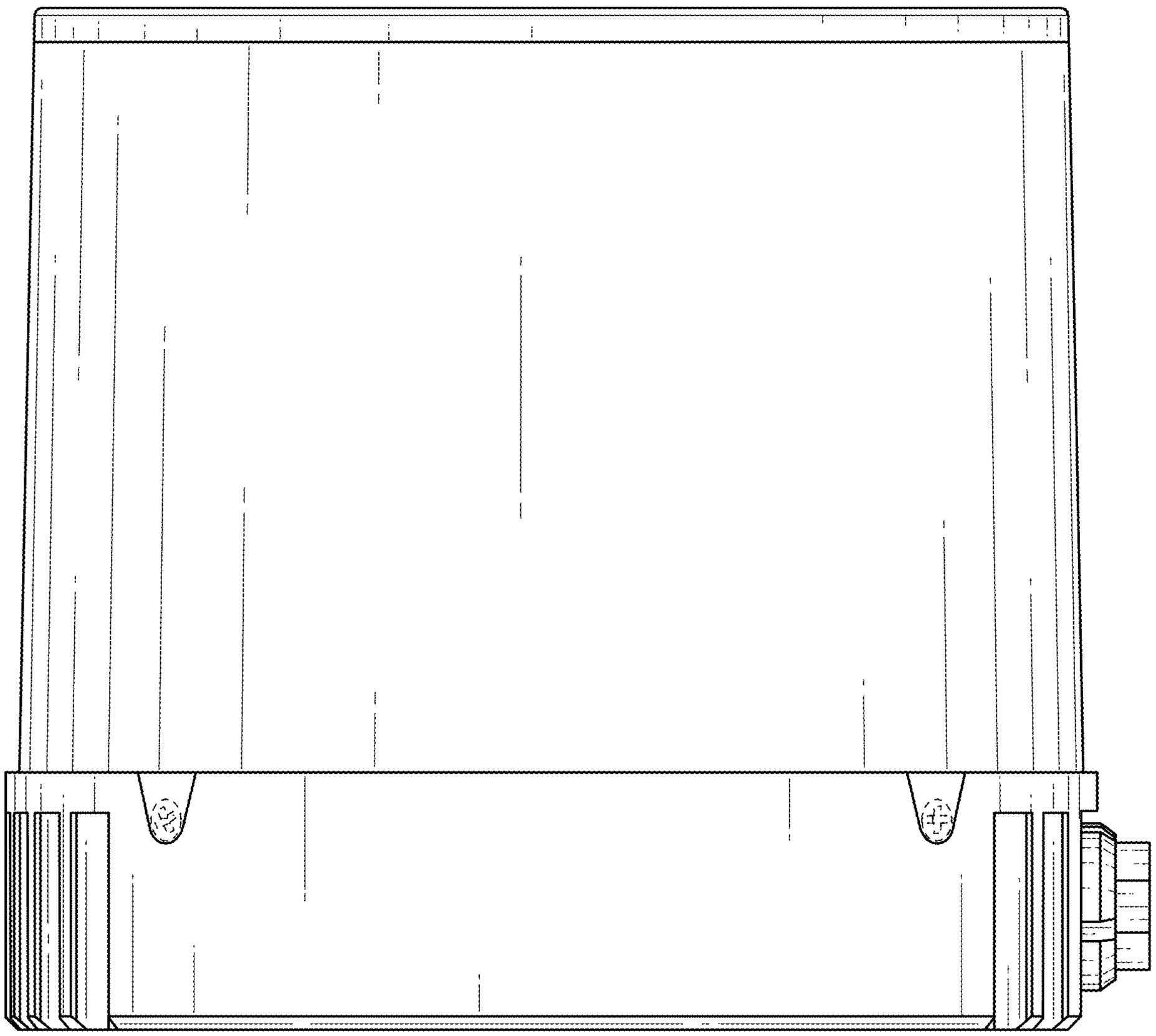


FIG. 9

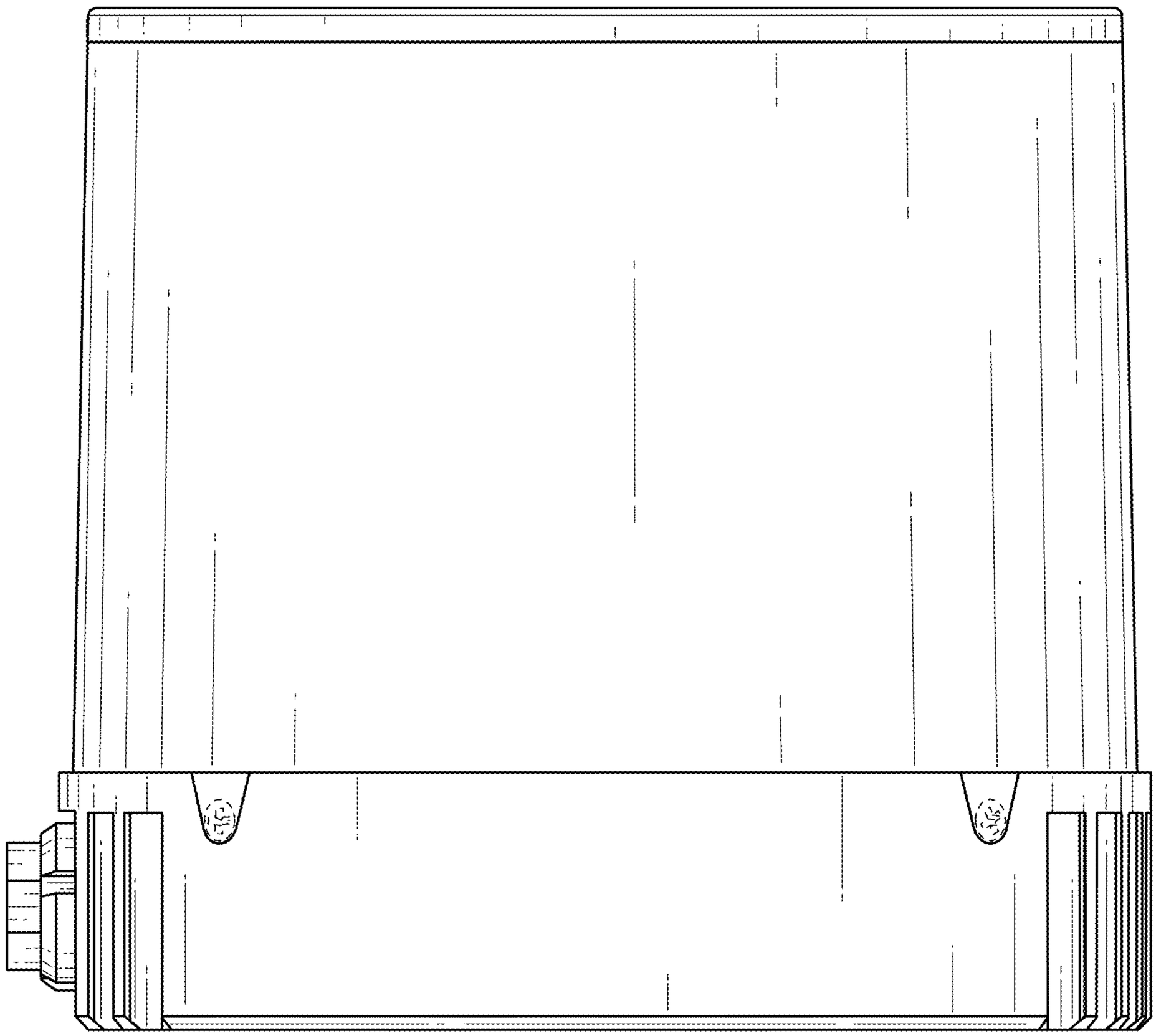


FIG. 10

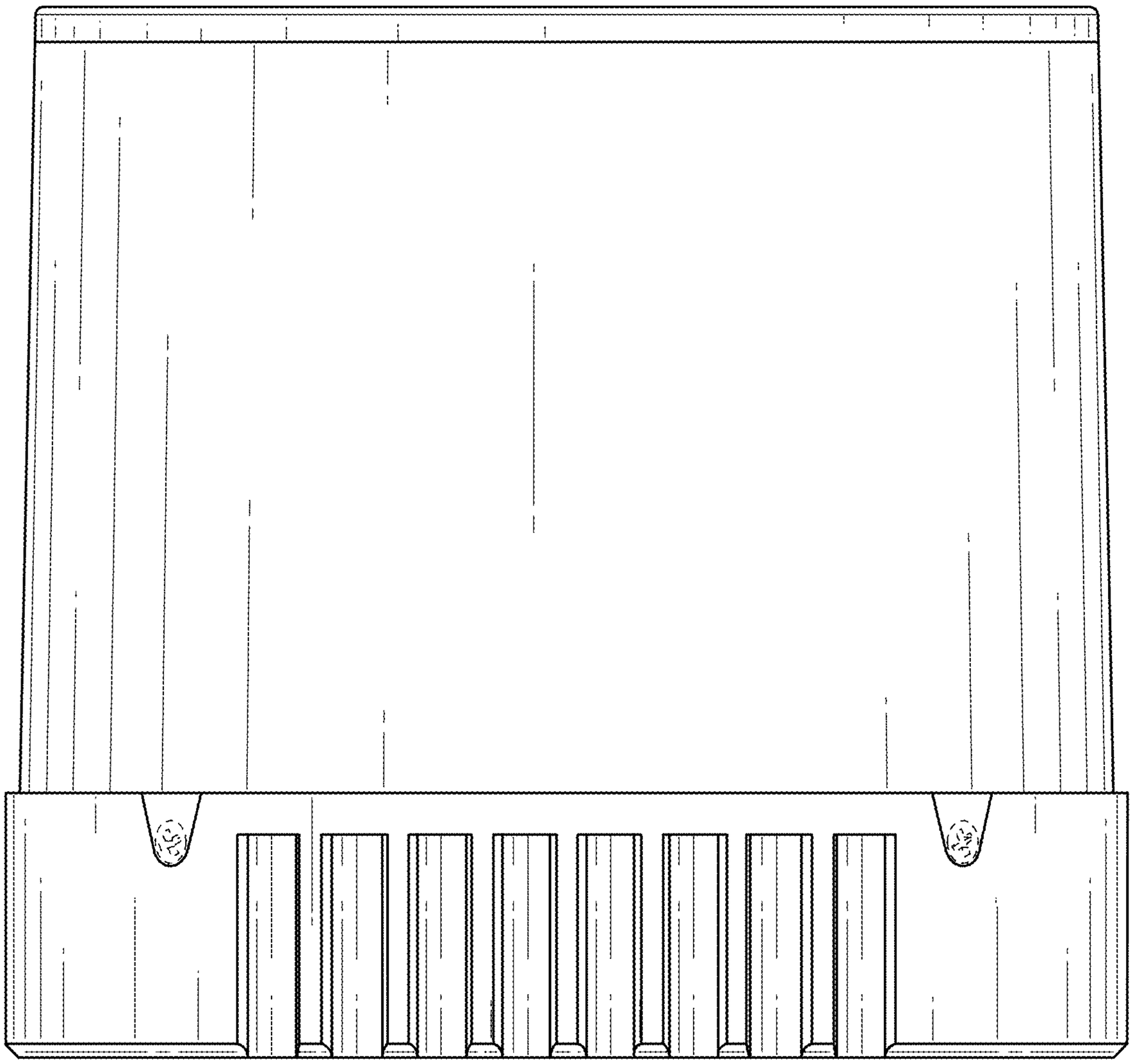


FIG. 11

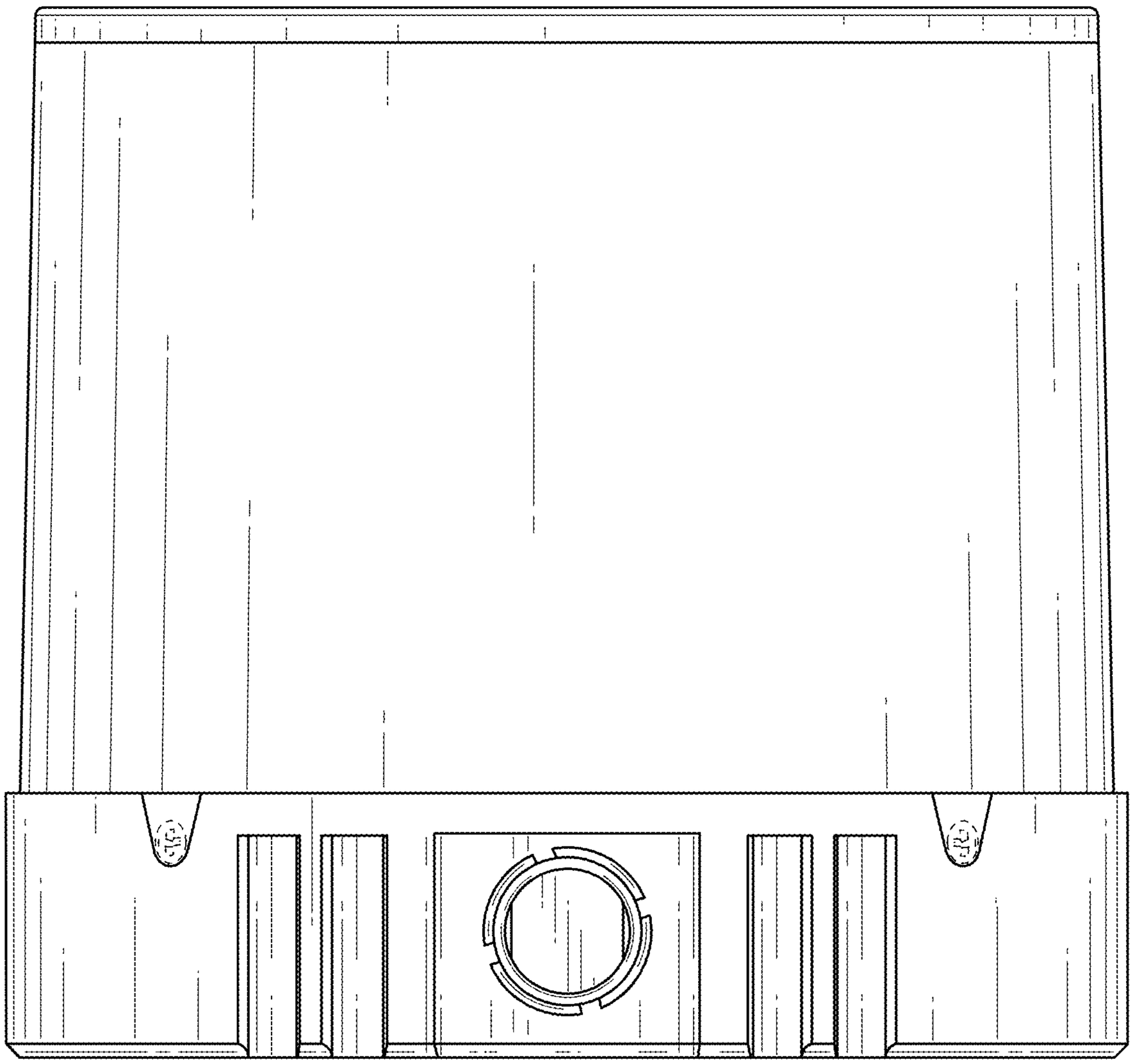


FIG. 12

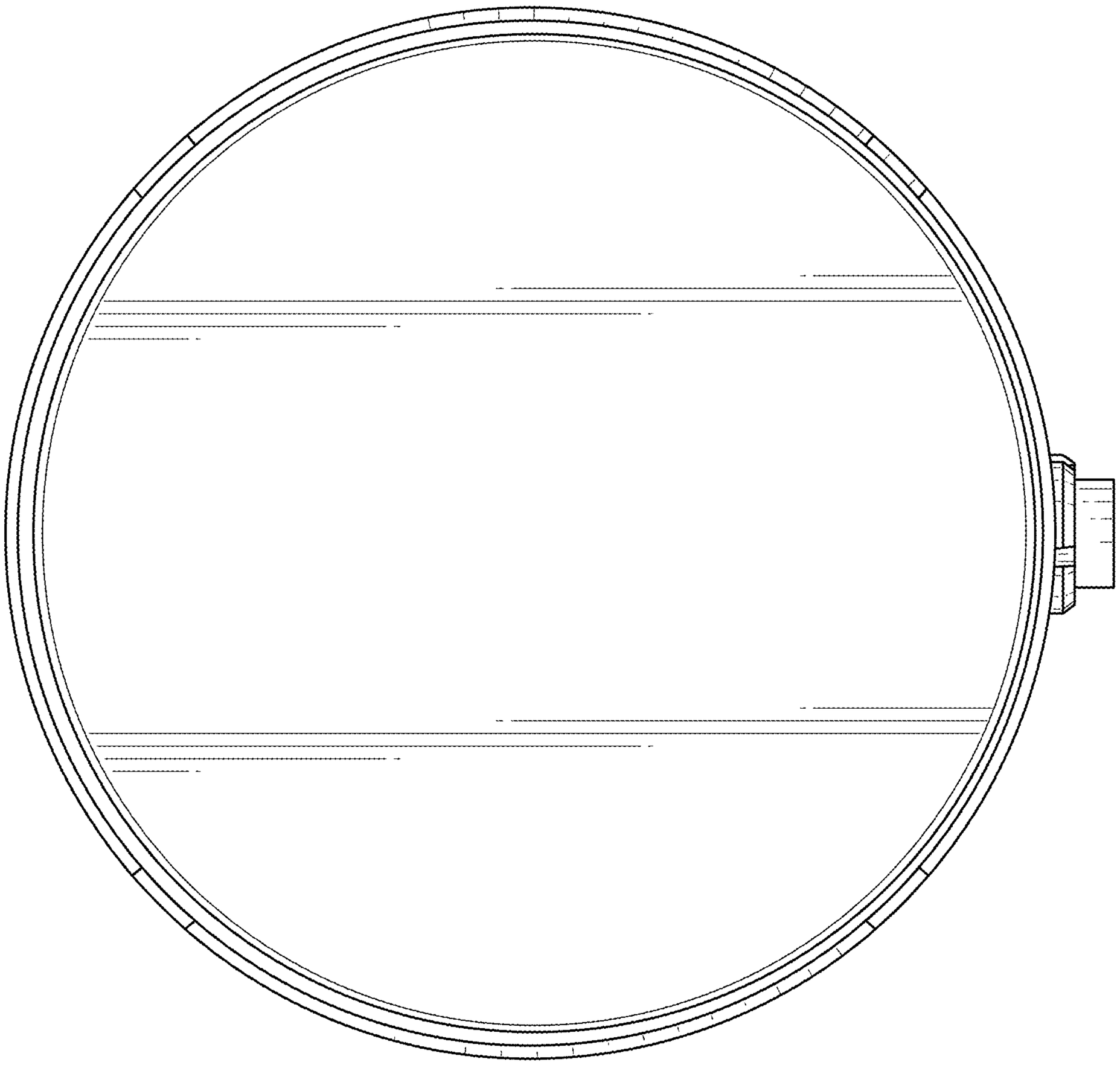


FIG. 13

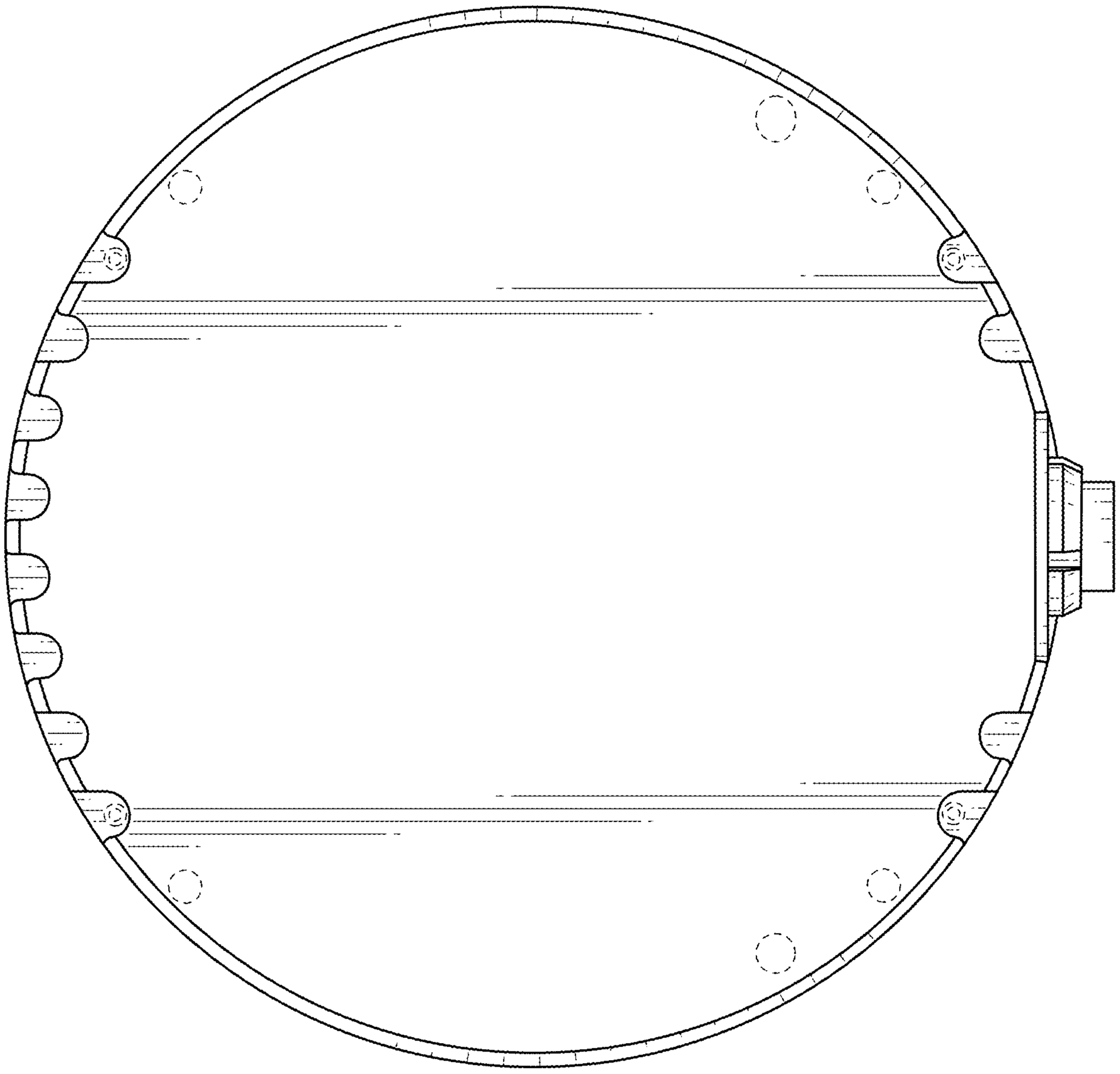


FIG. 14