

US00D950032S

(12) **United States Design Patent** (10) **Patent No.:** **US D950,032 S**  
**Liu et al.** (45) **Date of Patent:** **\*\* Apr. 26, 2022**

(54) **AIR PURIFIER**

(56) **References Cited**

(71) Applicant: **Airgle Corporation**, Holbrook, NY  
(US)

U.S. PATENT DOCUMENTS

(72) Inventors: **Xin Liu**, Guangdong (CN); **Zheng Liu**,  
Guangdong (CN); **Yong Xu**,  
Guangdong (CN); **Guanjun Long**,  
Guangdong (CN); **Lieqing Nie**,  
Guangdong (CN); **Shaoqi Shi**,  
Guangdong (CN)

D827,115 S *	8/2018	Petersen .....	D23/333
D841,140 S *	2/2019	Chen .....	D23/336
D870,256 S *	12/2019	Chan .....	D23/364
D896,936 S *	9/2020	Ou .....	D23/333
D900,986 S *	11/2020	Chan .....	D23/335
D903,073 S *	11/2020	Li .....	D23/333
D905,840 S *	12/2020	Cao .....	D23/364
D912,796 S *	3/2021	Huang .....	D23/364
D917,683 S *	4/2021	Xie .....	D23/359
D918,365 S *	5/2021	Li .....	D23/359
D918,366 S *	5/2021	Li .....	D23/359
D919,780 S *	5/2021	Li .....	D23/359
2020/0300531 A1 *	9/2020	Barlettano .....	F24F 13/28

(73) Assignee: **AIRGLE CORPORATION**

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

\* cited by examiner

(21) Appl. No.: **29/730,606**

*Primary Examiner* — David G Muller

(22) Filed: **Apr. 7, 2020**

(74) *Attorney, Agent, or Firm* — Leong C. Lei

(30) **Foreign Application Priority Data**

(57) **CLAIM**

Oct. 12, 2019 (CN) ..... 201930556542.0

The ornamental design for an air purifier, as shown and described.

(51) **LOC (13) Cl.** ..... **23-04**

**DESCRIPTION**

(52) **U.S. Cl.**

USPC ..... **D23/364**

(58) **Field of Classification Search**

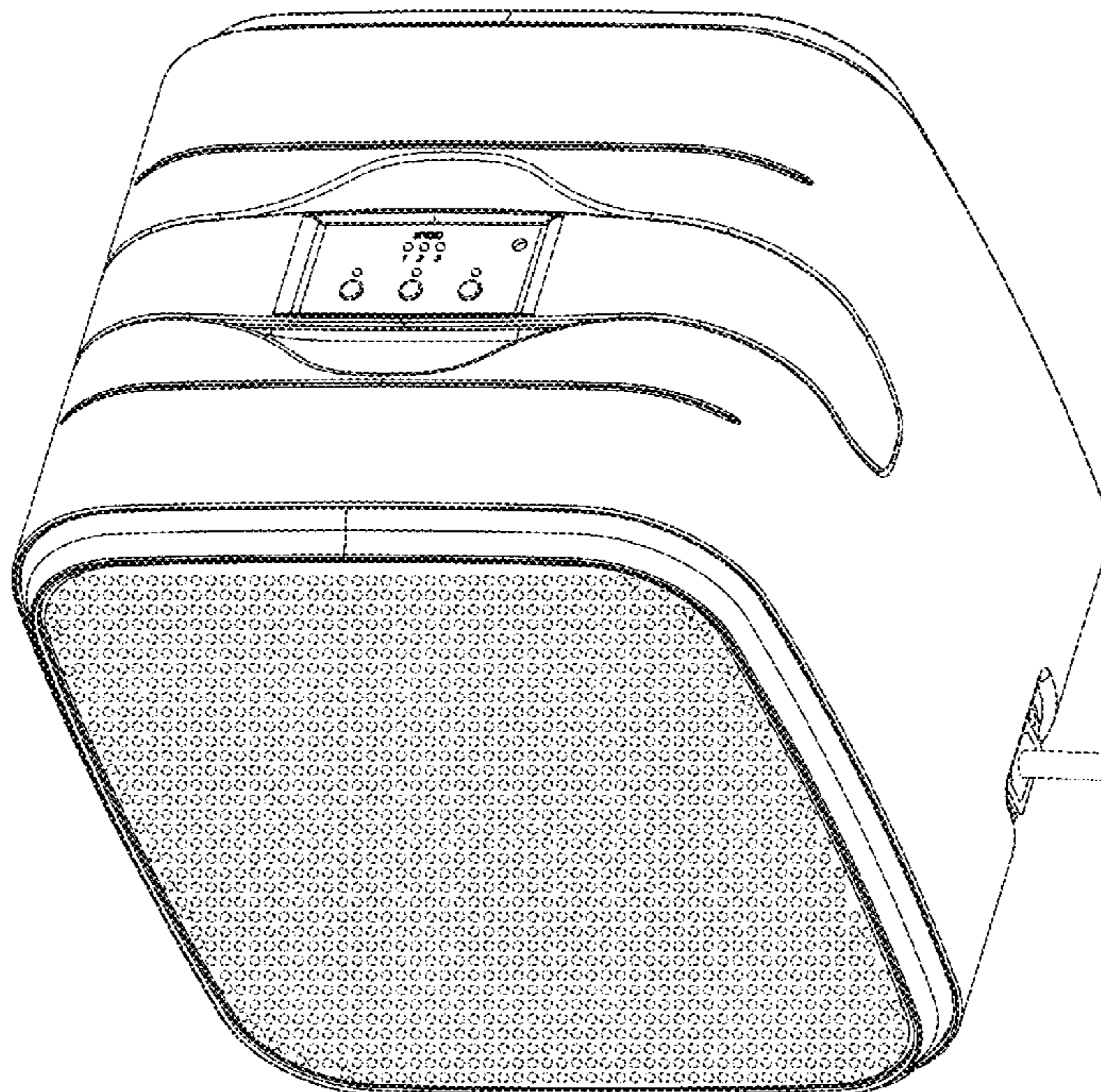
USPC ..... D23/355–366, 352, 369, 332, 333, 335,  
D23/336, 342, 351; 422/120, 122;  
55/356, 473, 504; 96/97; 261/DIG. 17,  
261/DIG. 65, DIG. 88, DIG. 31

CPC .. A61L 9/16; A61L 9/22; B01D 47/00; B01D  
47/027; B01D 2221/02; B01D 2259/4508;  
B03C 3/155; B03C 3/368; F24F 3/16;  
F24F 13/20; F24F 13/28

FIG. 1 is a front perspective view of an air purifier showing our new design;  
FIG. 2 is a front elevational view thereof;  
FIG. 3 is a rear elevational view thereof;  
FIG. 4 is a left side elevational view thereof;  
FIG. 5 is a right side elevational view thereof;  
FIG. 6 is a top plan view thereof; and,  
FIG. 7 is a bottom plan view thereof.  
The broken lines in the drawings illustrate portions of the air purifier which form no part of the claimed design.

See application file for complete search history.

**1 Claim, 7 Drawing Sheets**



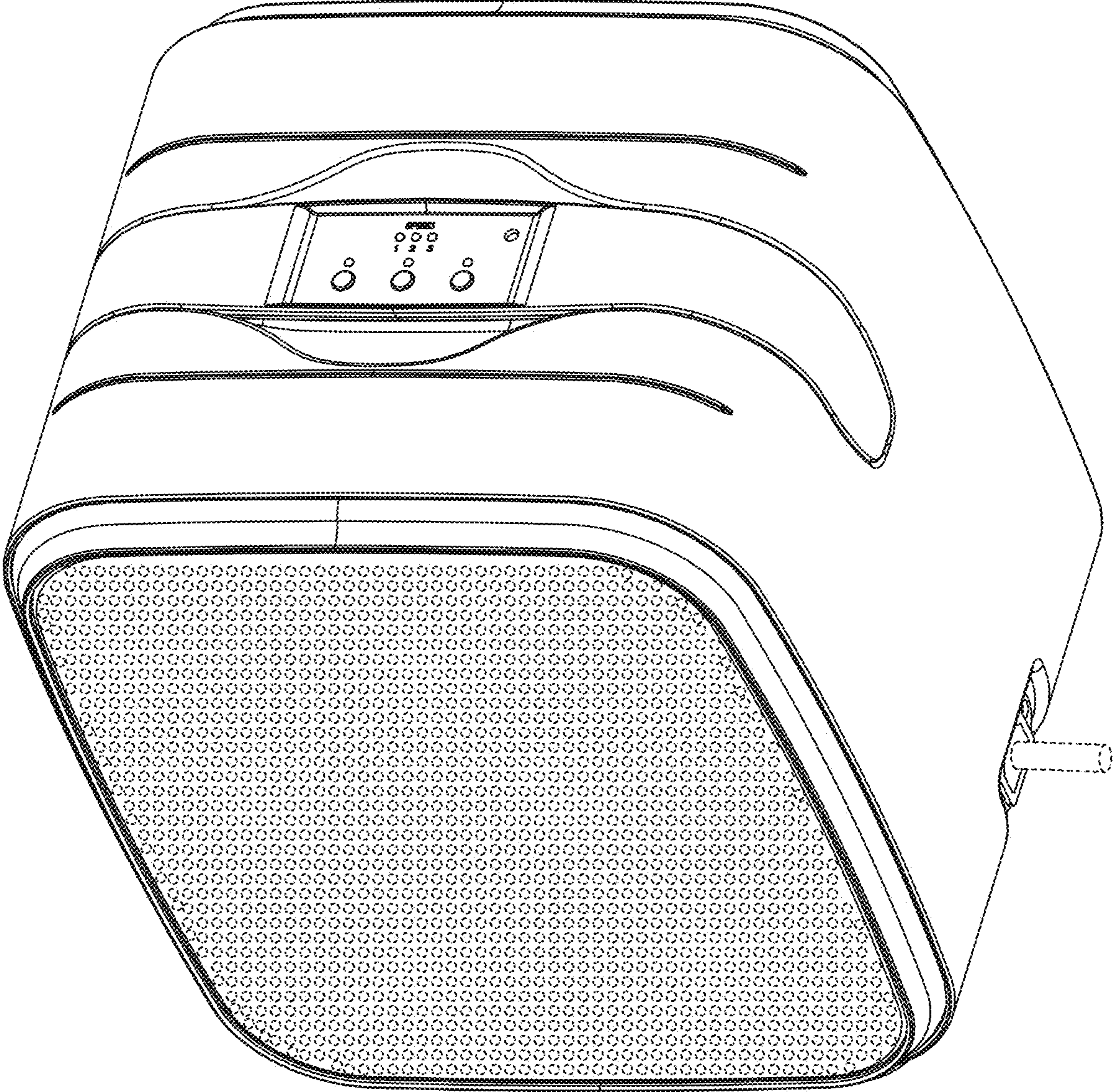


FIG. 1



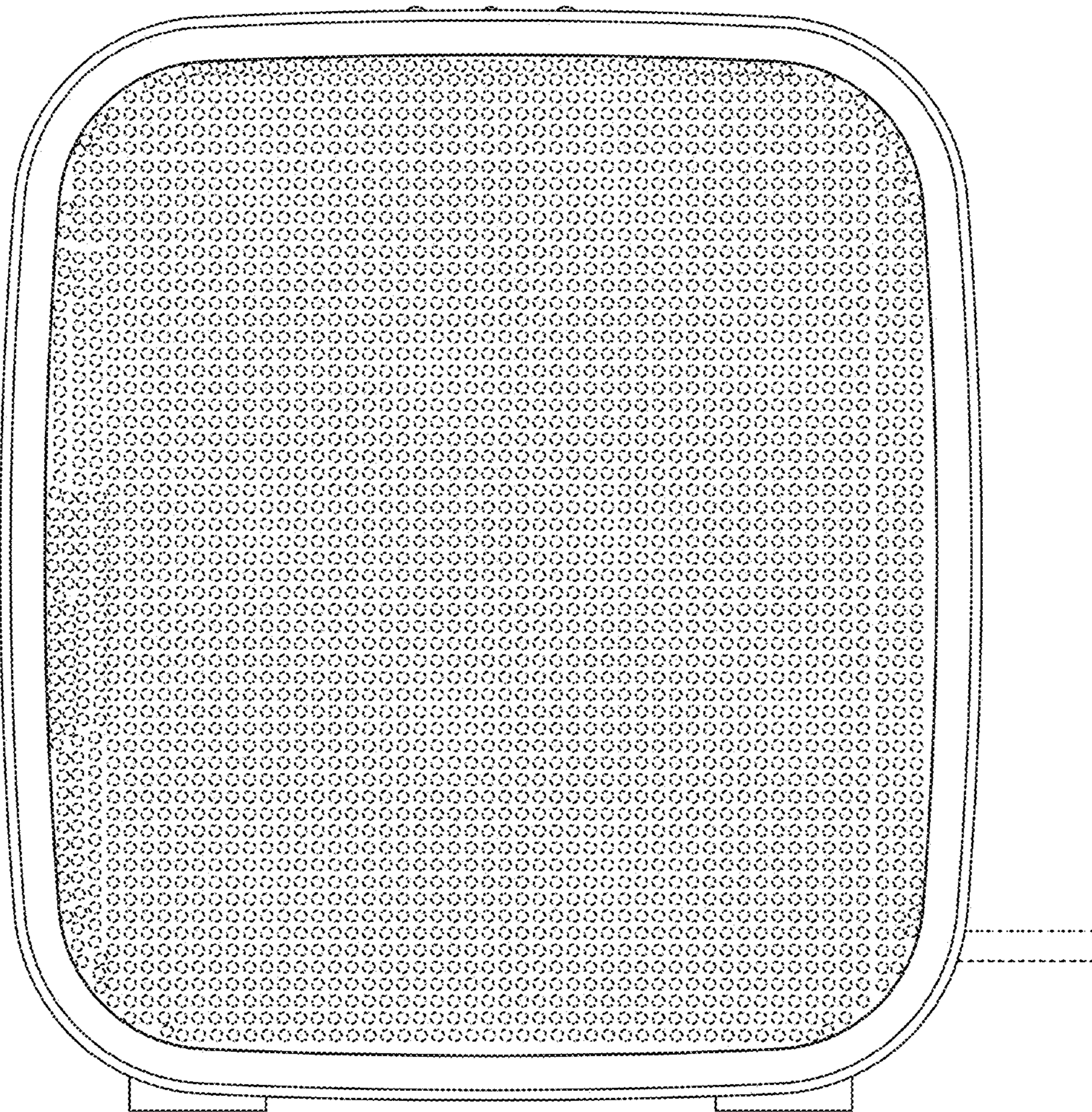


FIG. 2



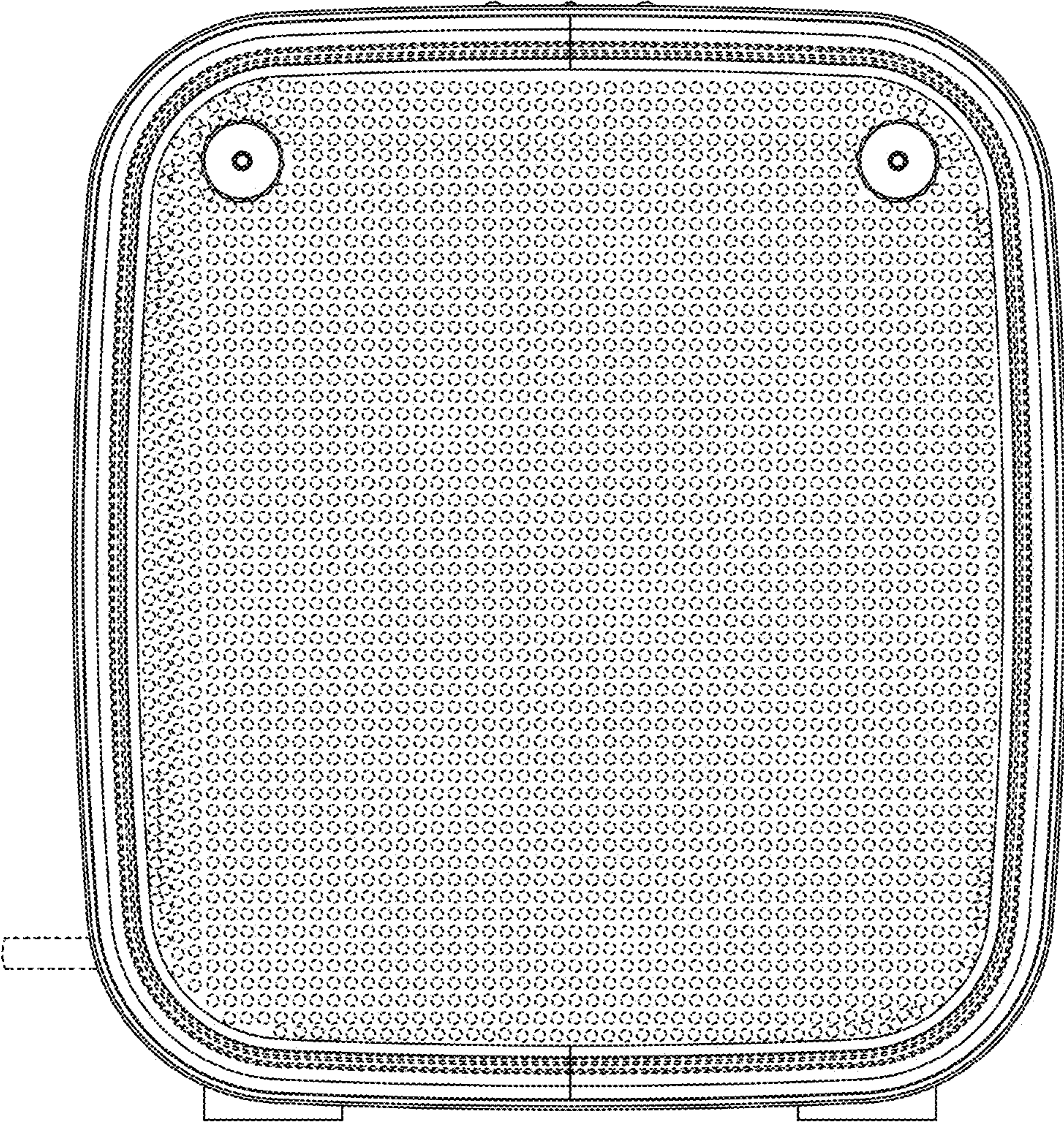


FIG. 3

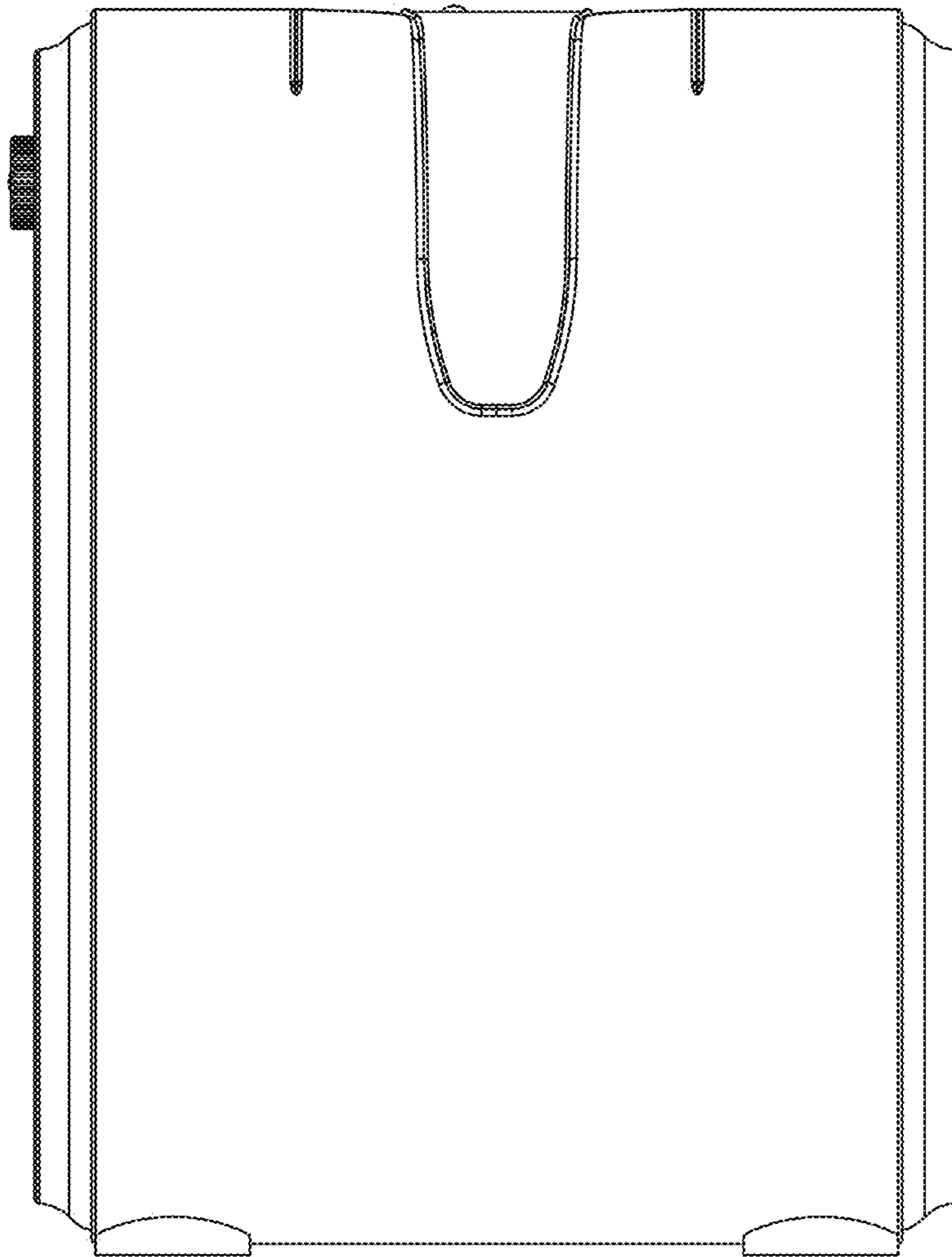


FIG. 4

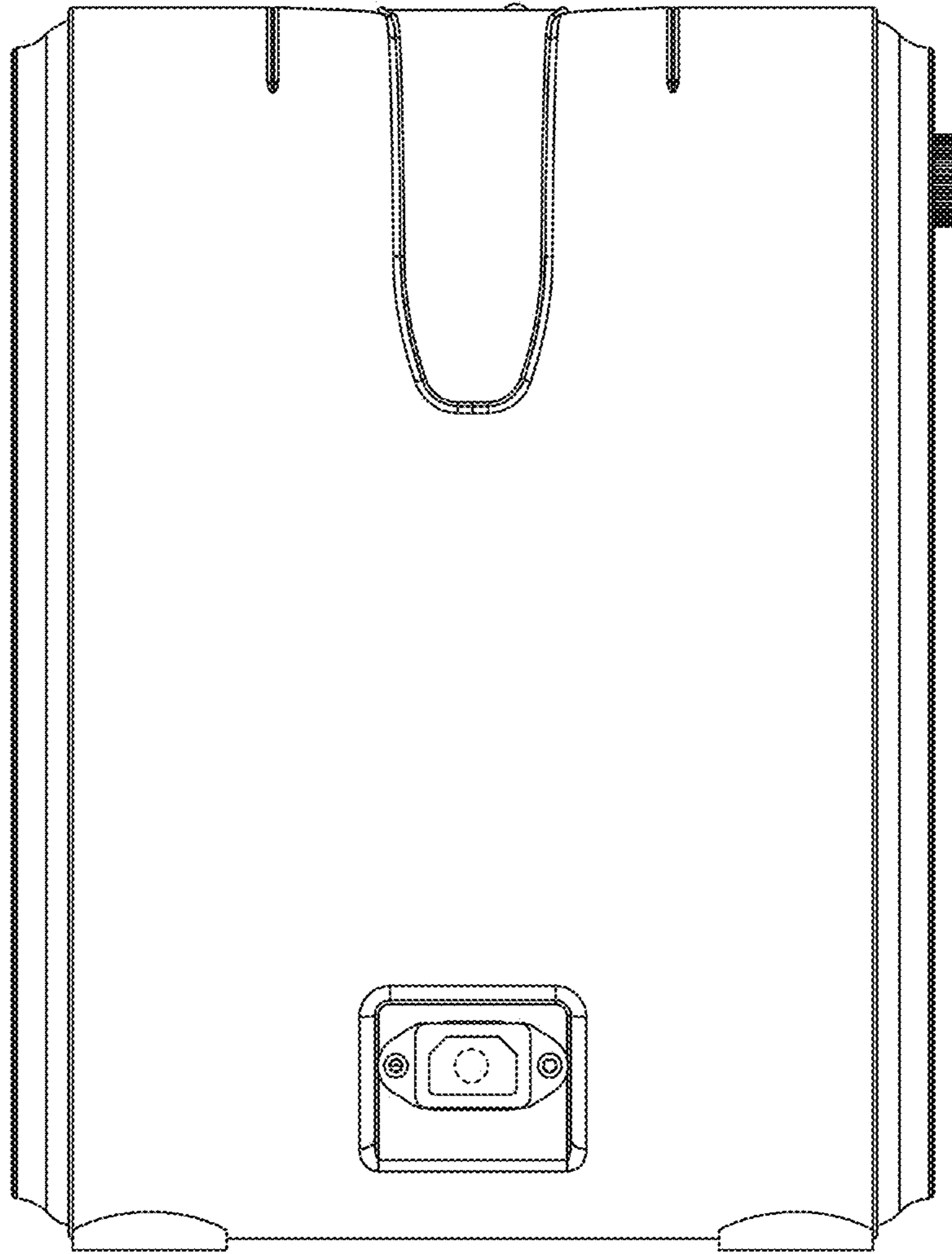


FIG. 5



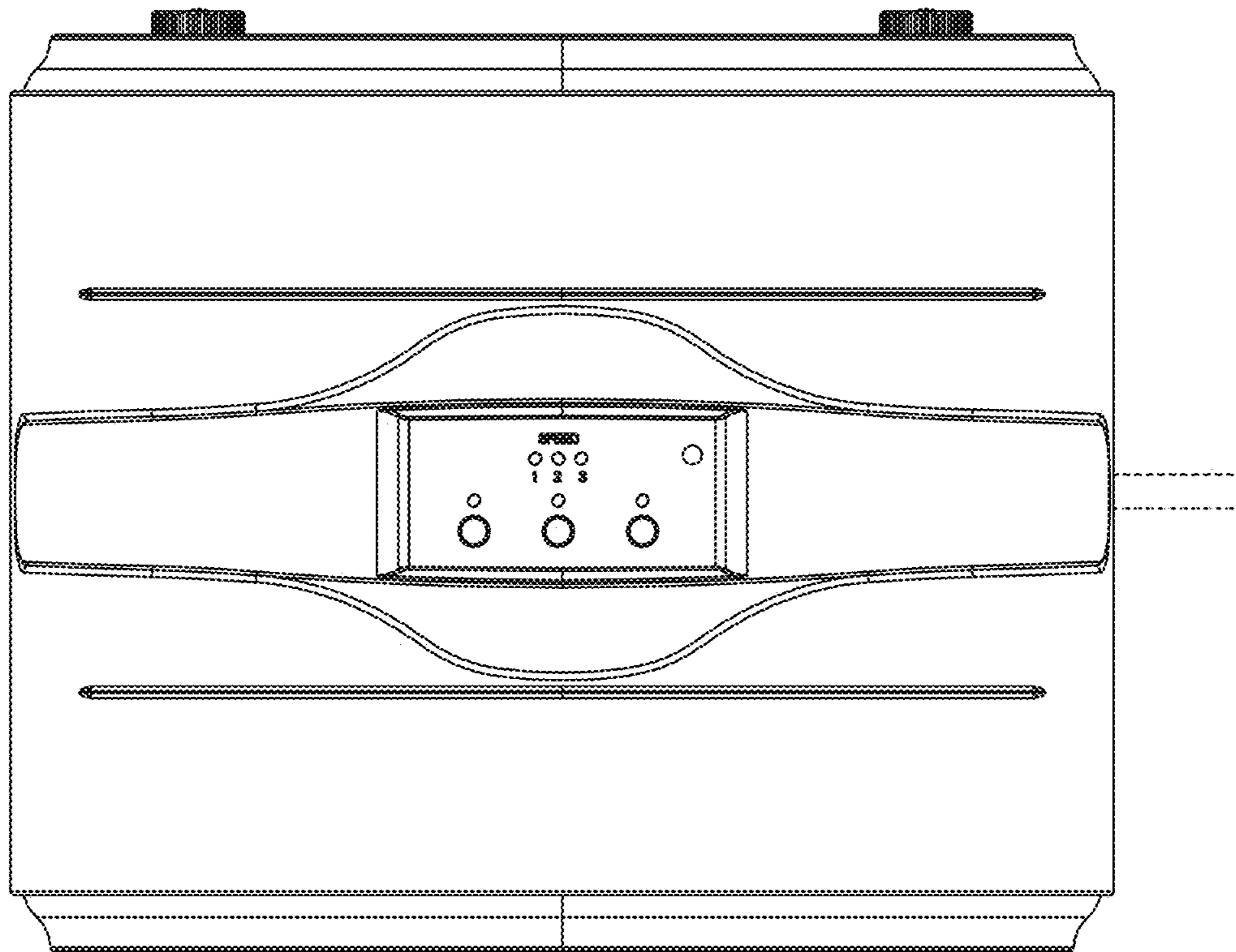


FIG. 6

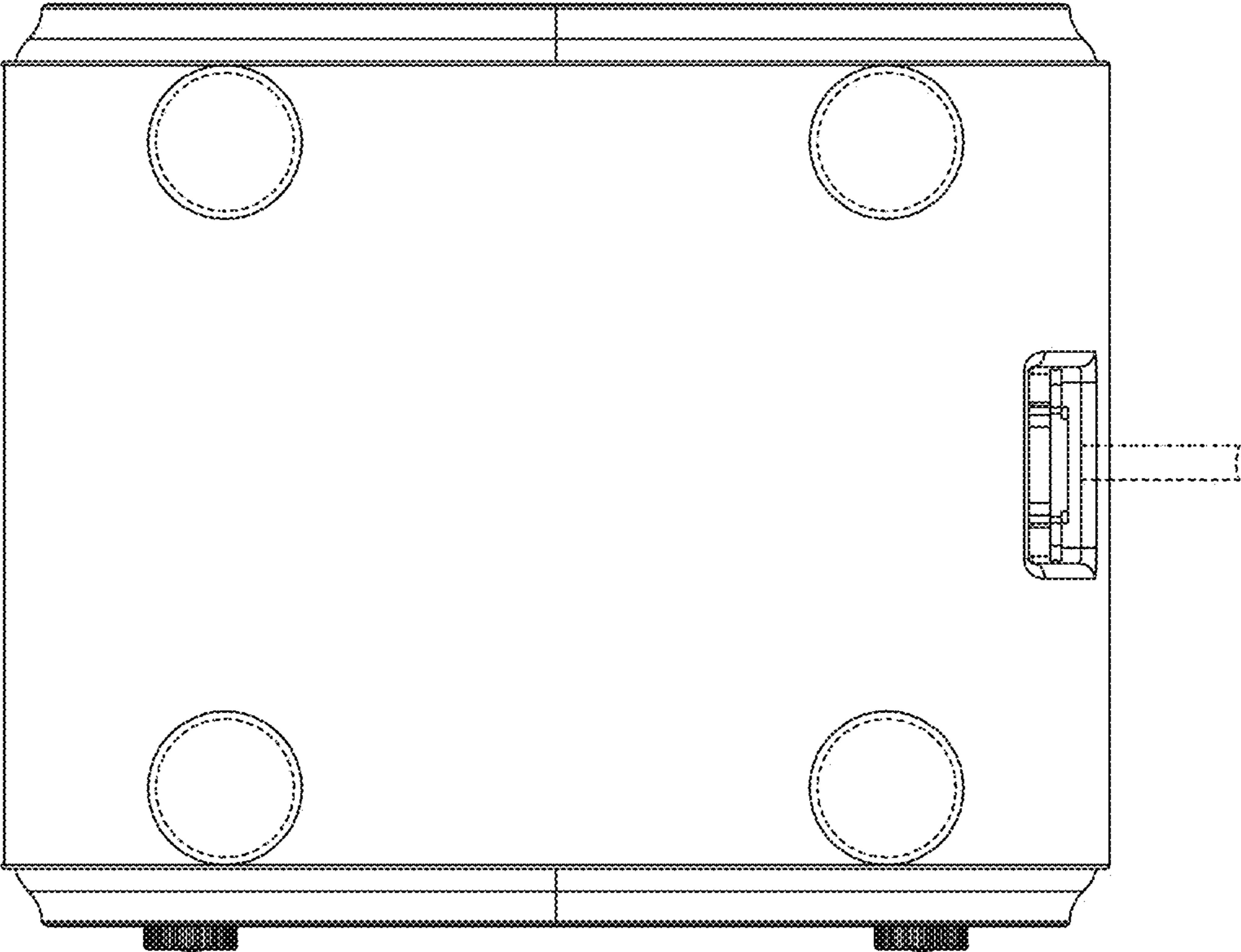


FIG. 7