United States of America

To Promote the Progress of Science and Useful Arts

The Director

of the United States Patent and Trademark Office has received an application for a patent for a new, original, and ornamental design for an article of manufacture. The title and description of the design are enclosed. The requirements of law have been complied with, and it has been determined that a patent on the design shall be granted under the law.

Therefore, this United States

Patent

grants to the person(s) having title to this patent the right to exclude others from making, using, offering for sale, or selling the design throughout the United States of America or importing the design into the United States of America for the term set forth by law.

Katherine Kelly Vidal

Director of the United States Patent and Trademark Office

Maintenance Fee Notice

No maintenance fees are required in design patents.

Patent Term Notice

If the application for this patent was filed on or after May 13, 2015, the term of this patent is 15 years from the date of grant of this patent, subject to any disclaimer under 35 U.S.C. 253. If the application for this patent was filed prior to May 13, 2015, the term of this patent is 14 years from the date of grant of this patent, subject to any disclaimer under 35 U.S.C. 253.

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(12) United States Design Patent

Pan et al.

(10) Patent No.: US D1,044,166 S
(45) Date of Patent: ** Sep. 24, 2024

(54) **CAT LITTER BOX**

(71) Applicant: **Foshan Leilong Electrical Appliance Co., Ltd.**, Guangdong (CN)

(72) Inventors: **Shuwei Pan**, Anhui (CN); **Yuanbin Wen**, Sichuan (CN); **Yuan Yao**, Anhui (CN); **Lin Yao**, Shanghai (CN); **Yun Liu**, Shanghai (CN)

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

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(30) **Foreign Application Priority Data**

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(51) **LOC (14) Cl.** **30-11**

(52) **U.S. Cl.**
USPC **D30/160**

(58) **Field of Classification Search**
USPC D30/161
CPC A01K 1/0107; A01K 1/011; A01K 1/0114; A01K 1/0117
See application file for complete search history.

(56) **References Cited**

U.S. PATENT DOCUMENTS

5,107,797	A *	4/1992	LaRoche	A01K 1/0114 209/296
5,509,379	A *	4/1996	Hoeschen	A01K 1/0114 209/288
D527,498	S	8/2006	Lewis, II	
D530,458	S	10/2006	Arnim	
D591,463	S	4/2009	Plante	
D638,590	S	5/2011	Lipscomb	
11,432,525	B2 *	9/2022	Ma	A01K 1/0114
D969,422	S	11/2022	Son	
11,523,586	B2 *	12/2022	Baxter	A01K 1/011
D989,418	S	6/2023	Li	
D993,552	S	7/2023	Bai	
D1,013,979	S *	2/2024	Chang	D30/161
2002/0139312	A1 *	10/2002	Reitz	A01K 1/0114 119/165

(Continued)

FOREIGN PATENT DOCUMENTS

EM 015044037-0001 * 12/2023

OTHER PUBLICATIONS

MeoWant Self-Cleaning Cat Litter Box, Integrated Safety Protection Automatic Cat Litter Box for Multi Cats, Extra Large/Odor Isolation/APP Control Cat Litter Box with Odor Eliminator & Mat & Liner-New; posted Aug. 1, 2022, retrieved Apr. 11, 2024 [online]. URL: https://www.amazon.com/dp/B0B87Q6Y2V/ (Year: 2022).*

(Continued)

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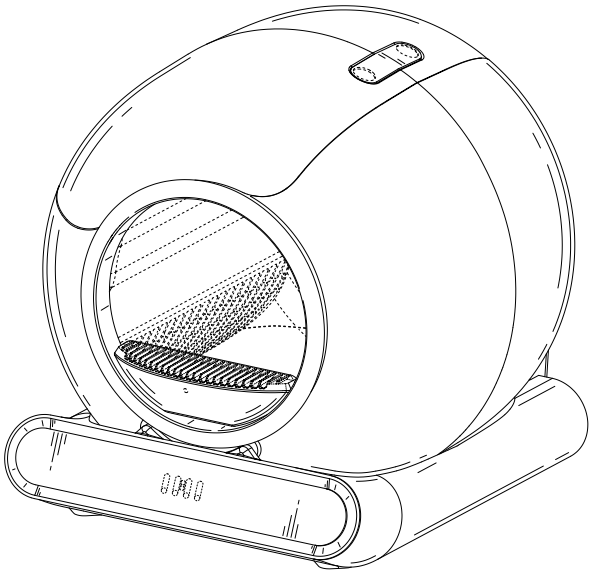
(57) **CLAIM**

The ornamental design for a cat litter box, as shown and described.

DESCRIPTION

FIG. **1** is a front, right, and top perspective view of a cat litter box, showing our new design;
FIG. **2** is a rear, left, and bottom perspective view thereof;
FIG. **3** is a front elevational view thereof;
FIG. **4** is a rear elevational view thereof;
FIG. **5** is a left elevational view thereof;
FIG. **6** is a right elevational view thereof;
FIG. **7** is a top plan view thereof; and,
FIG. **8** is a bottom plan view thereof.
The broken lines in the drawings are portions of the cat litter box that form no part of the claimed design.

1 Claim, 8 Drawing Sheets



(56) **References Cited**

U.S. PATENT DOCUMENTS

2008/0017123	A1*	1/2008	Chin	A01K 1/011 119/166
2013/0333625	A1*	12/2013	Baxter	A01K 1/011 119/166
2020/0281154	A1*	9/2020	Li	A01K 1/011
2021/0267158	A1*	9/2021	Ma	A01K 1/011
2022/0104452	A1*	4/2022	Gong	A01K 1/0114
2023/0363348	A1*	11/2023	Pan	A01K 1/0114

OTHER PUBLICATIONS

Freefa Litter Box Self Cleaning—Litter Robot Easy to Use—Pet Friendly Automatic Cat Litter Box with Clean Air—Large Space Kitty Litter Box Self Cleaning Box; posted Dec. 30, 2022, retrieved Apr. 11, 2024 [online]. URL: https://www.amazon.co.uk/dp/B0BMWY446G (Year: 2022).*

Bebeblue Self Cleaning Cat Litter Box, Automatic Cat Litter Box, Smart Litter Box with Large Capacity, No Scooping, Odor removal, APP Control, Easy Clean, Automatic Litter Box for Multiple Cats, Quiet; posted Nov. 6, 2023, retrieved Apr. 11, 2024 [online]. URL: https://www.amazon.com/dp/B0CMQ63KRH (Year: 2023).*

FurryTail Automatic Litter Box Pro; posting date unavailable, retrieved Apr. 11, 2024 [online]. URL: https://www.furrytail.net/product/8291169403131 (Year: 2024).*

* cited by examiner

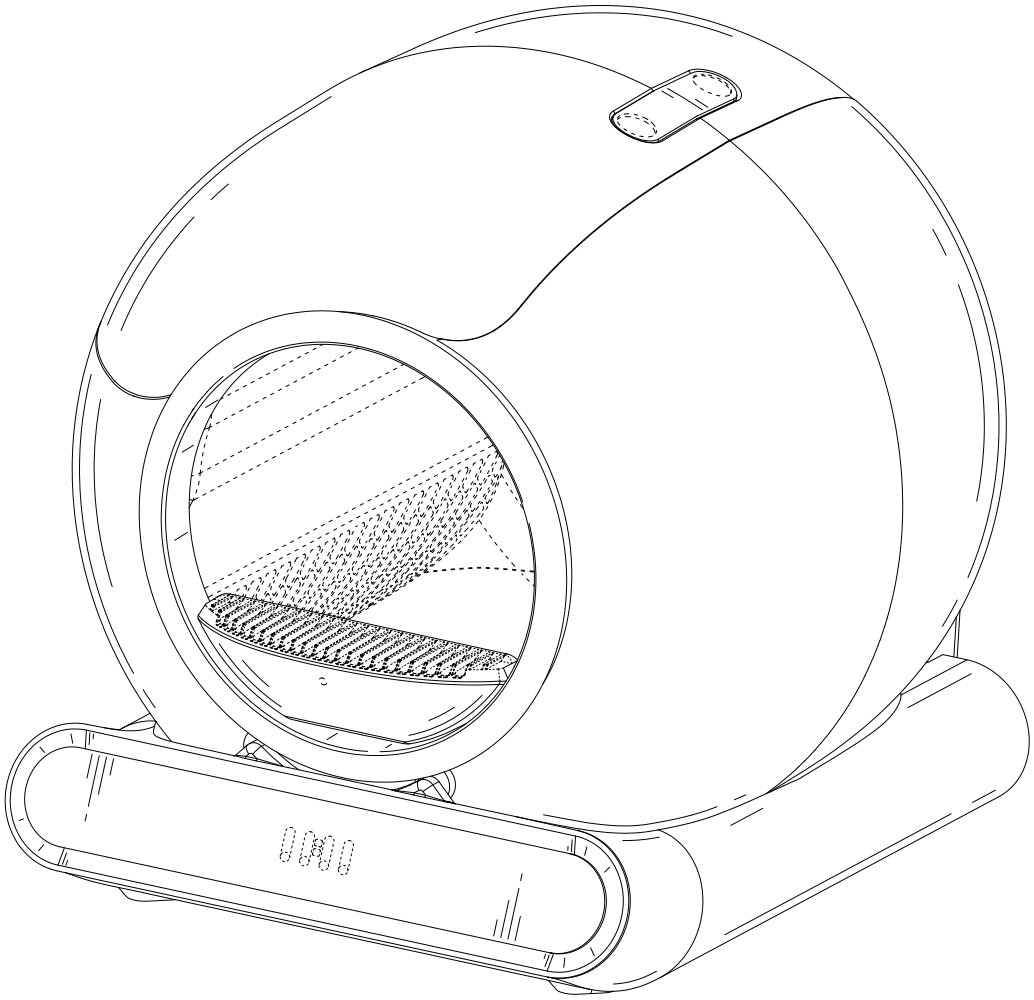


FIG. 1

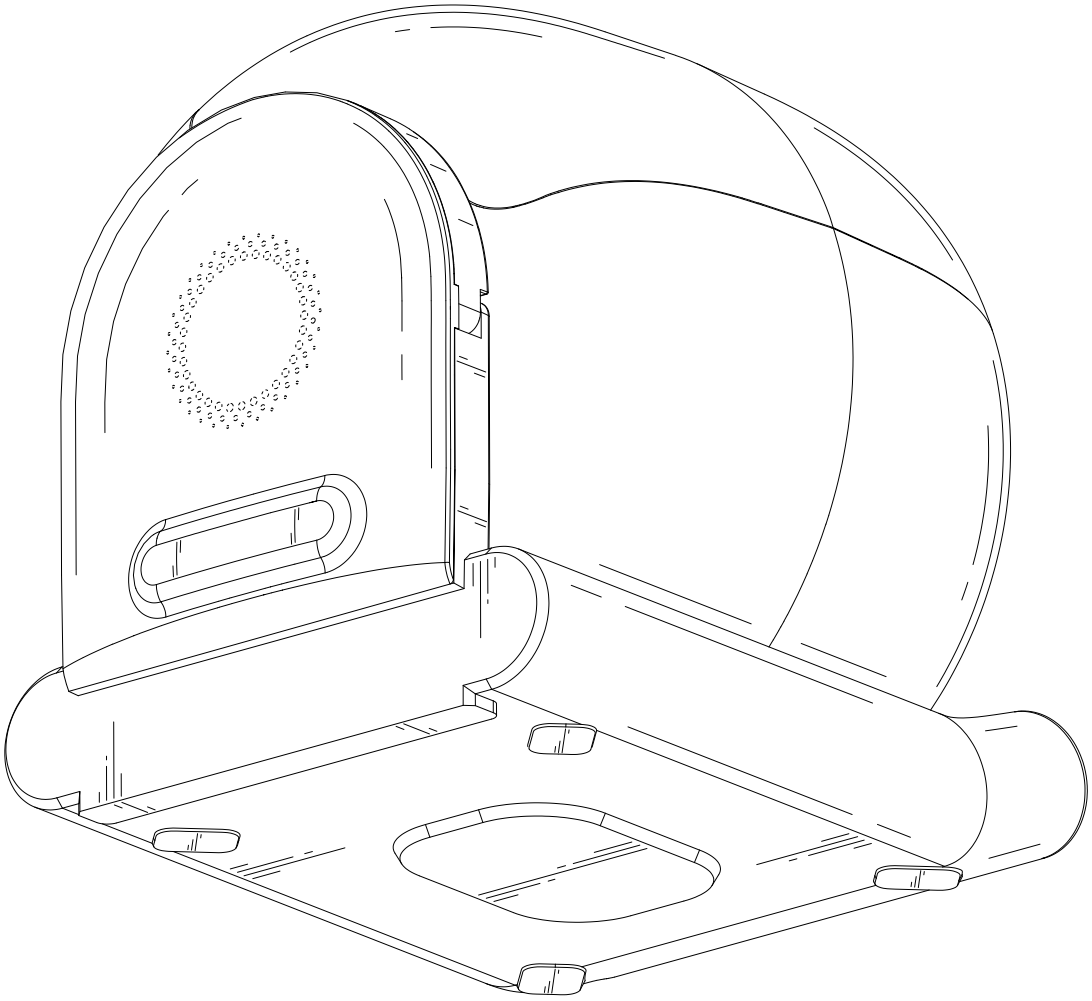


FIG. 2

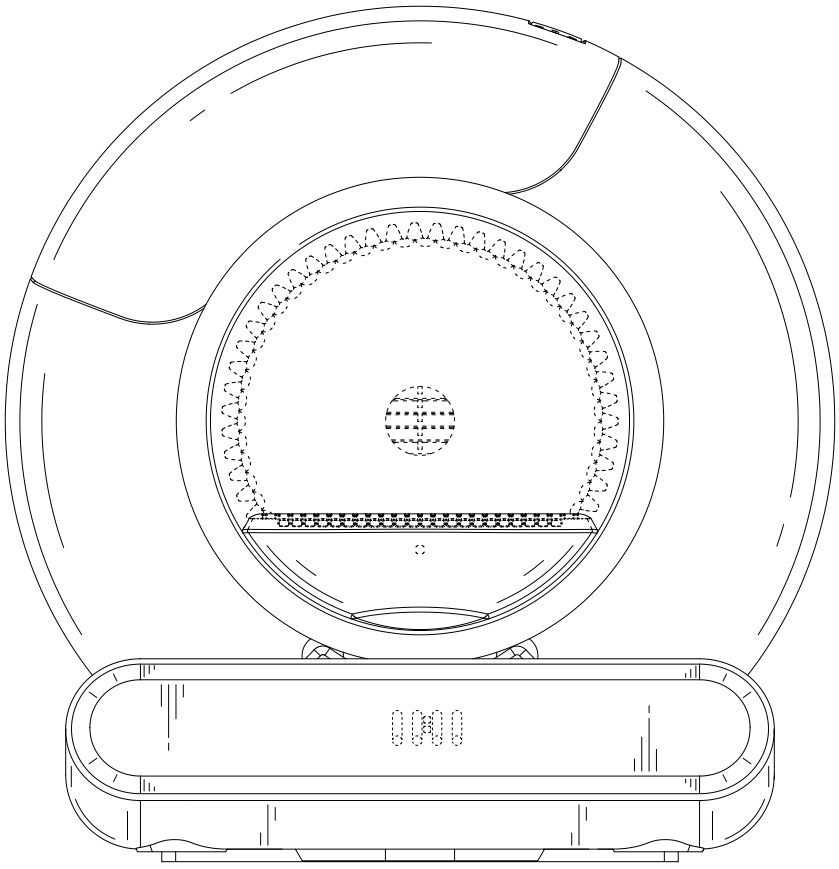


FIG.3

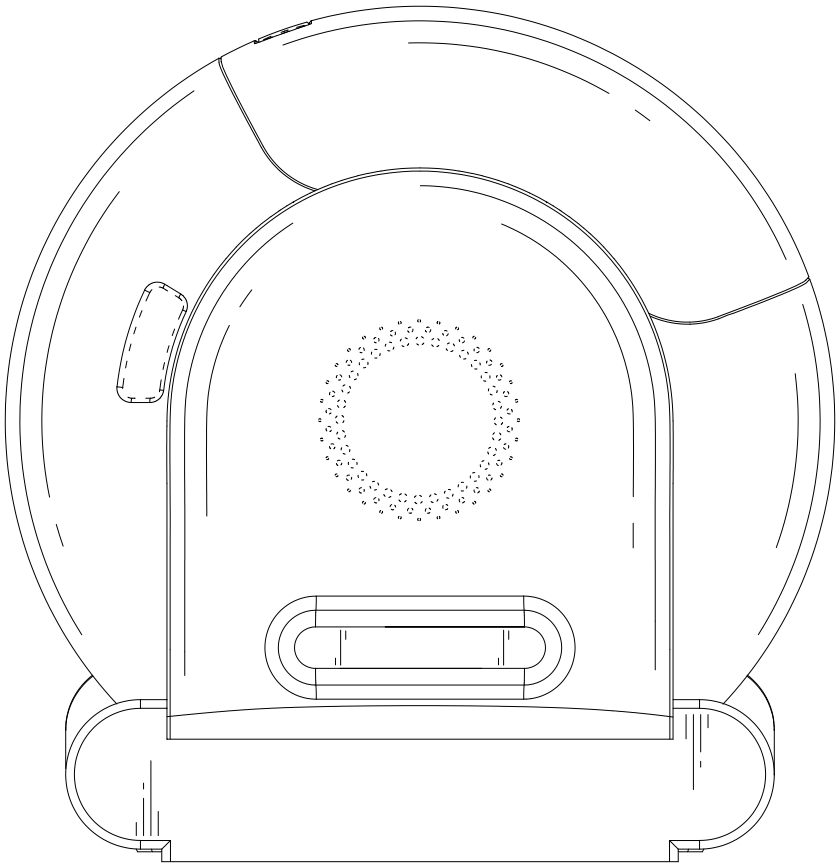


FIG. 4

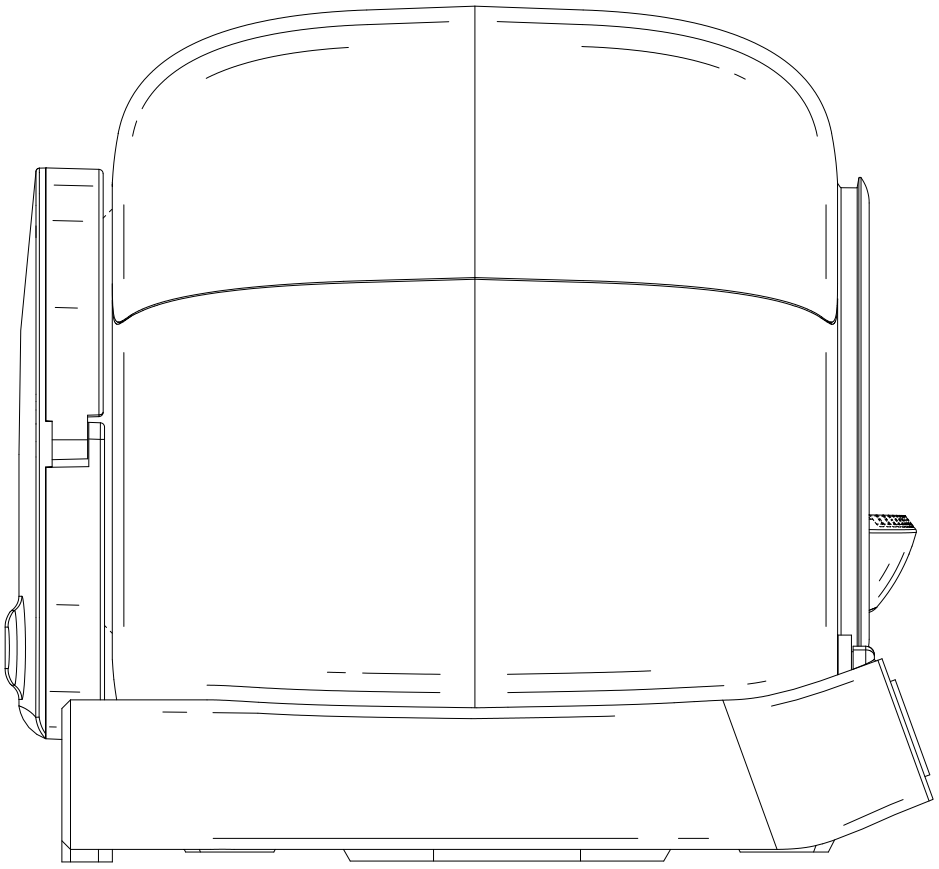


FIG.5

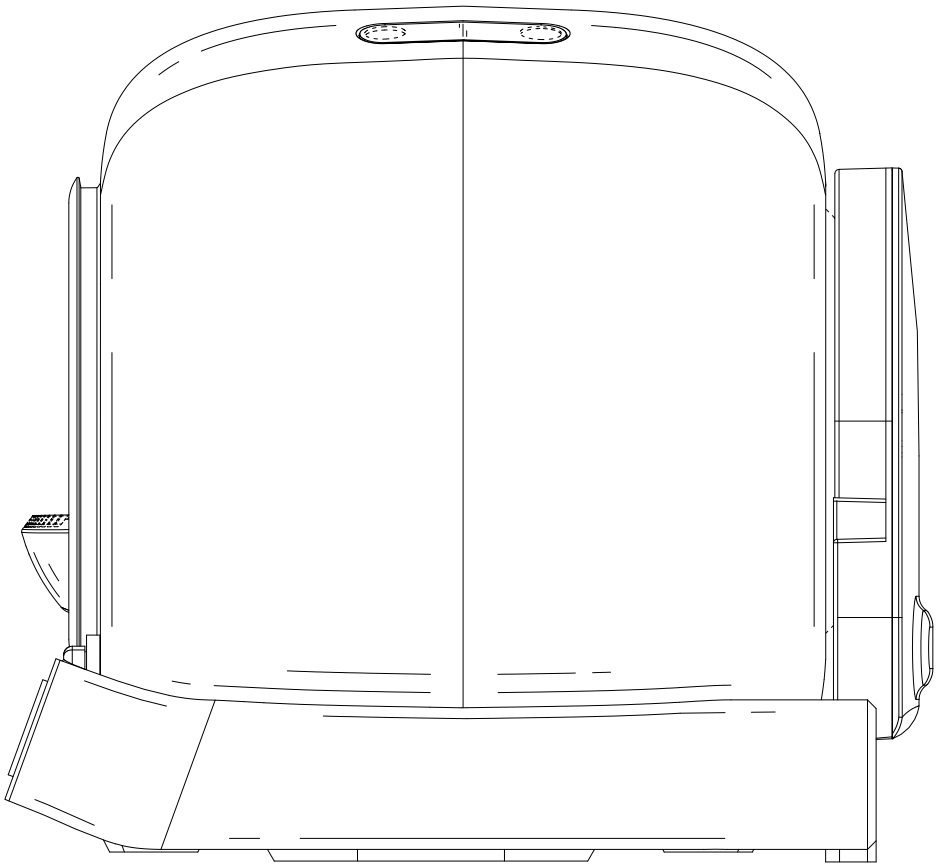


FIG.6

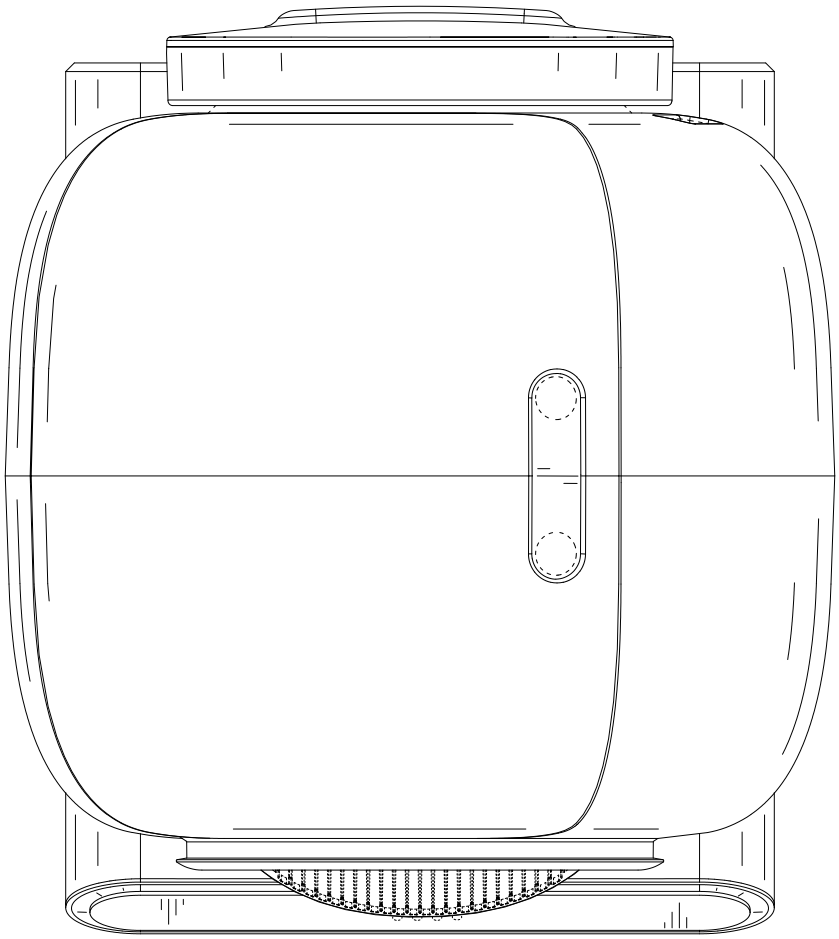


FIG. 7

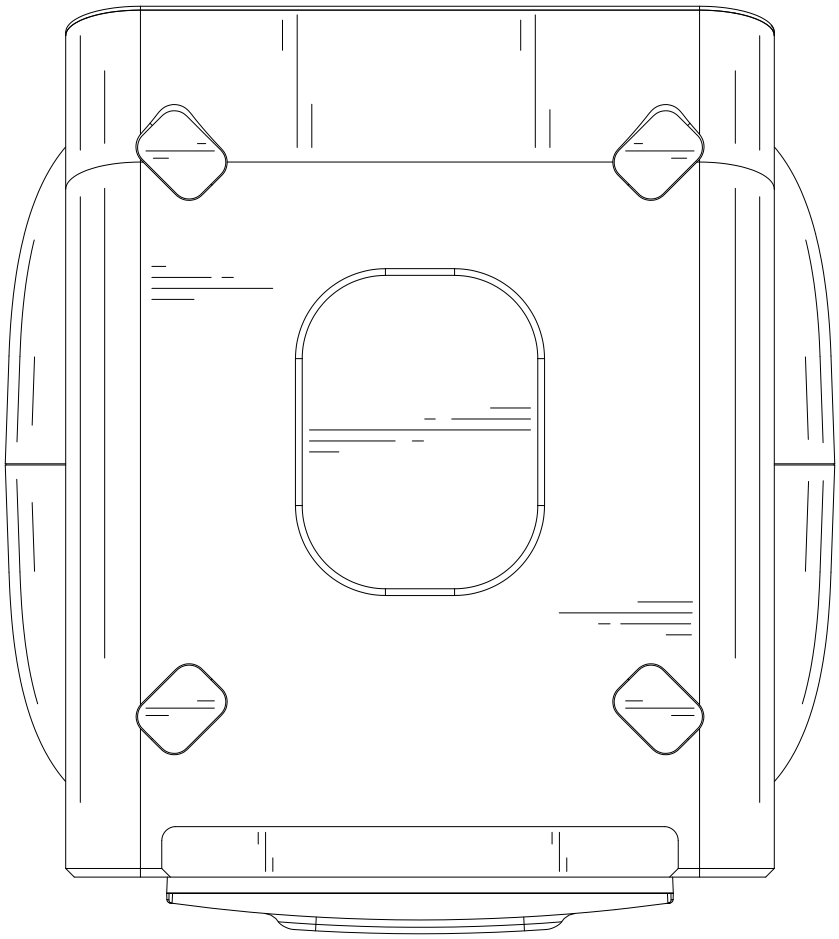


FIG.8