



US0D1089582S

(12) **United States Design Patent**  
**Yan**

(10) **Patent No.:** **US D1,089,582 S**

(45) **Date of Patent:** **\*\* Aug. 19, 2025**

(54) **AIR COOLER**

(71) Applicant: **Taizhou Weiye Refrigeration  
Equipment Co., Ltd., Taizhou (CN)**

(72) Inventor: **Zhengxing Yan, Ningde (CN)**

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

(21) Appl. No.: **29/855,534**

(22) Filed: **Oct. 4, 2022**

(51) **LOC (15) Cl.** ..... **23-04**

(52) **U.S. Cl.**  
USPC ..... **D23/333**

(58) **Field of Classification Search**  
USPC ..... D26/333, 351–354  
CPC .... F24F 1/00; F24F 1/0007; F24F 1/02; F24F  
1/08; F24F 1/42; F24F 1/56; F24F 1/60;  
F24F 3/044; F24F 3/048; F24F 3/16;  
G05D 23/1905; G05D 23/1932; G05D  
23/1902; G05D 23/1931; G05B 19/0426;  
G05B 19/409; G05B 15/02  
See application file for complete search history.

(56) **References Cited**

**U.S. PATENT DOCUMENTS**

D827,115	S	*	8/2018	Petersen	.....	D23/333
D848,593	S	*	5/2019	Exley	.....	D23/351
D849,220	S	*	5/2019	Fang	.....	D23/351
D850,593	S	*	6/2019	Petersen	.....	D23/333
D852,340	S	*	6/2019	Barlettano	.....	F24F 1/02 D23/333

D896,936	S	*	9/2020	Ou	.....	D23/333
D924,382	S	*	7/2021	He	.....	D23/351
D963,135	S	*	9/2022	Barlettano	.....	D23/333
D966,475	S	*	10/2022	Barlettano	.....	D23/333
D983,338	S	*	4/2023	Ye	.....	D23/335
D992,707	S	*	7/2023	Xu	.....	D23/335
D1,030,987	S	*	6/2024	Ye	.....	D23/333
D1,049,333	S	*	10/2024	Su	.....	D23/335
D1,076,037	S	*	5/2025	Luo	.....	D23/332

\* cited by examiner

*Primary Examiner* — Natasha Vujcic

(74) *Attorney, Agent, or Firm* — Nitin Kaushik

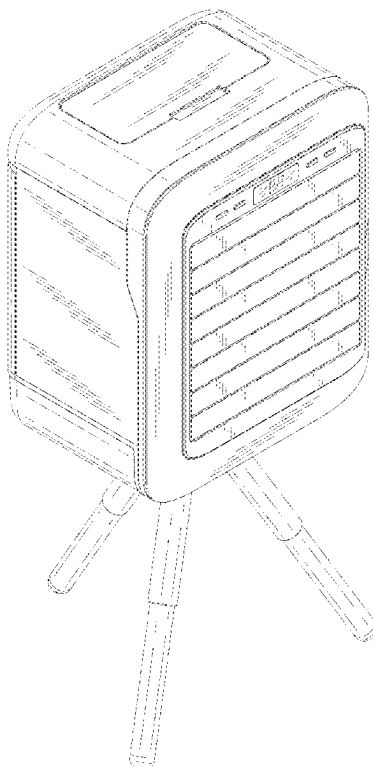
(57) **CLAIM**

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

**DESCRIPTION**

FIG. 1 is a front perspective view of an air cooler, showing my new design;  
FIG. 2 is a front view thereof;  
FIG. 3 is a rear view thereof;  
FIG. 4 is a right side view thereof;  
FIG. 5 is a left side view thereof;  
FIG. 6 is a top view thereof;  
FIG. 7 is a bottom view thereof; and,  
FIG. 8 is a rear perspective view thereof.  
The broken lines in the drawings illustrate the portions of the air cooler, which form no part of the claimed design.

**1 Claim, 7 Drawing Sheets**



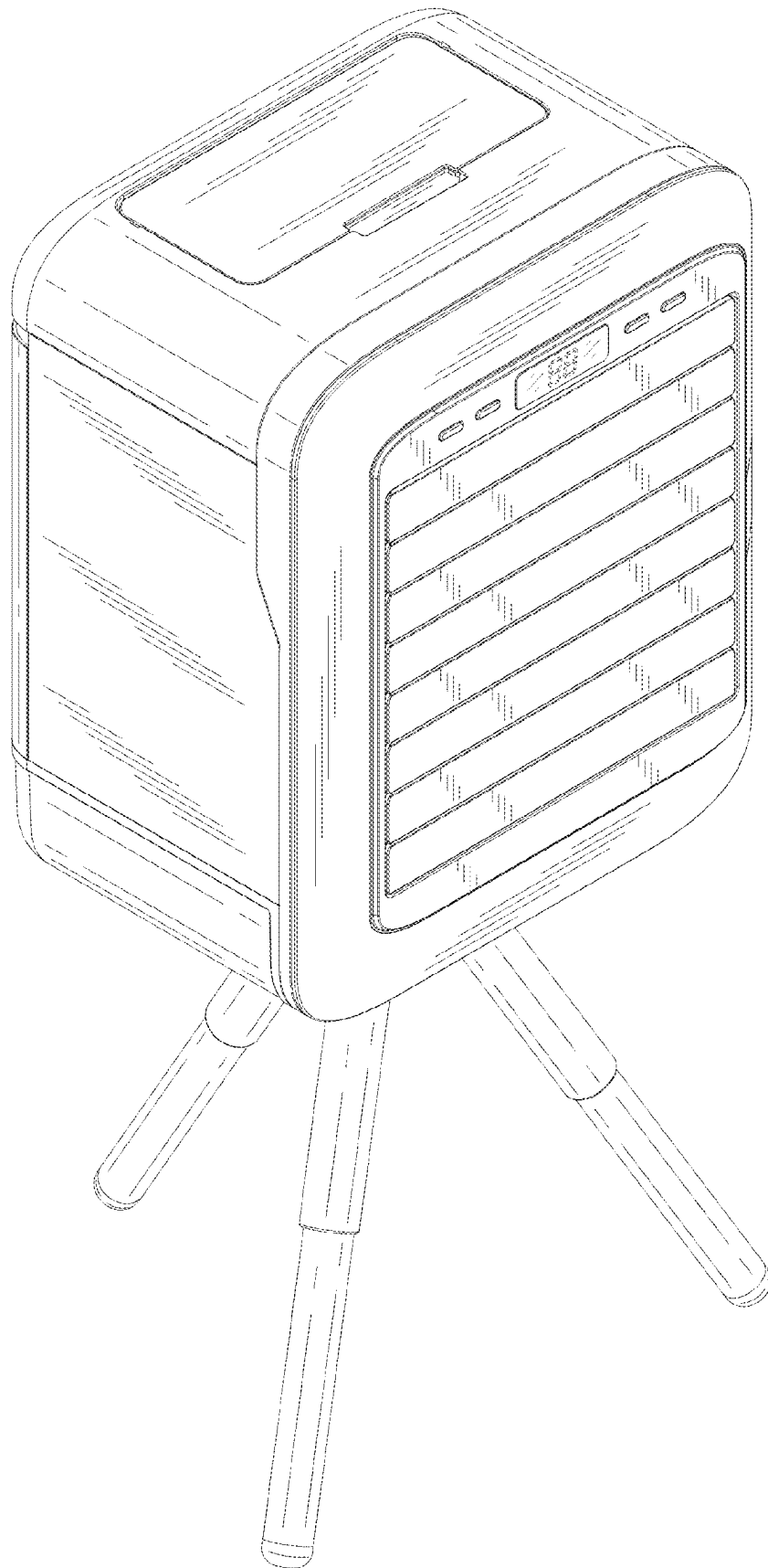


FIG. 1

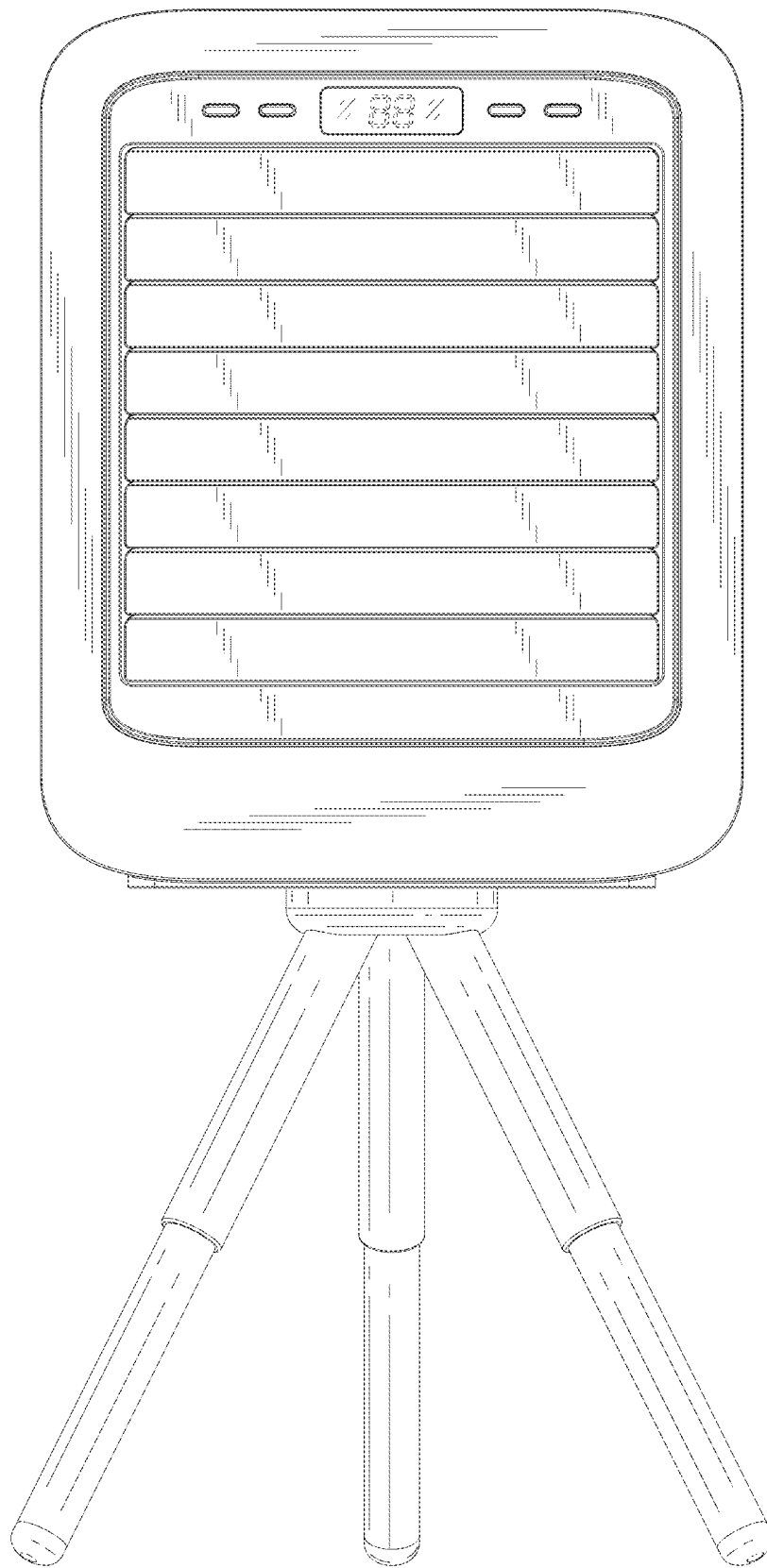


FIG. 2

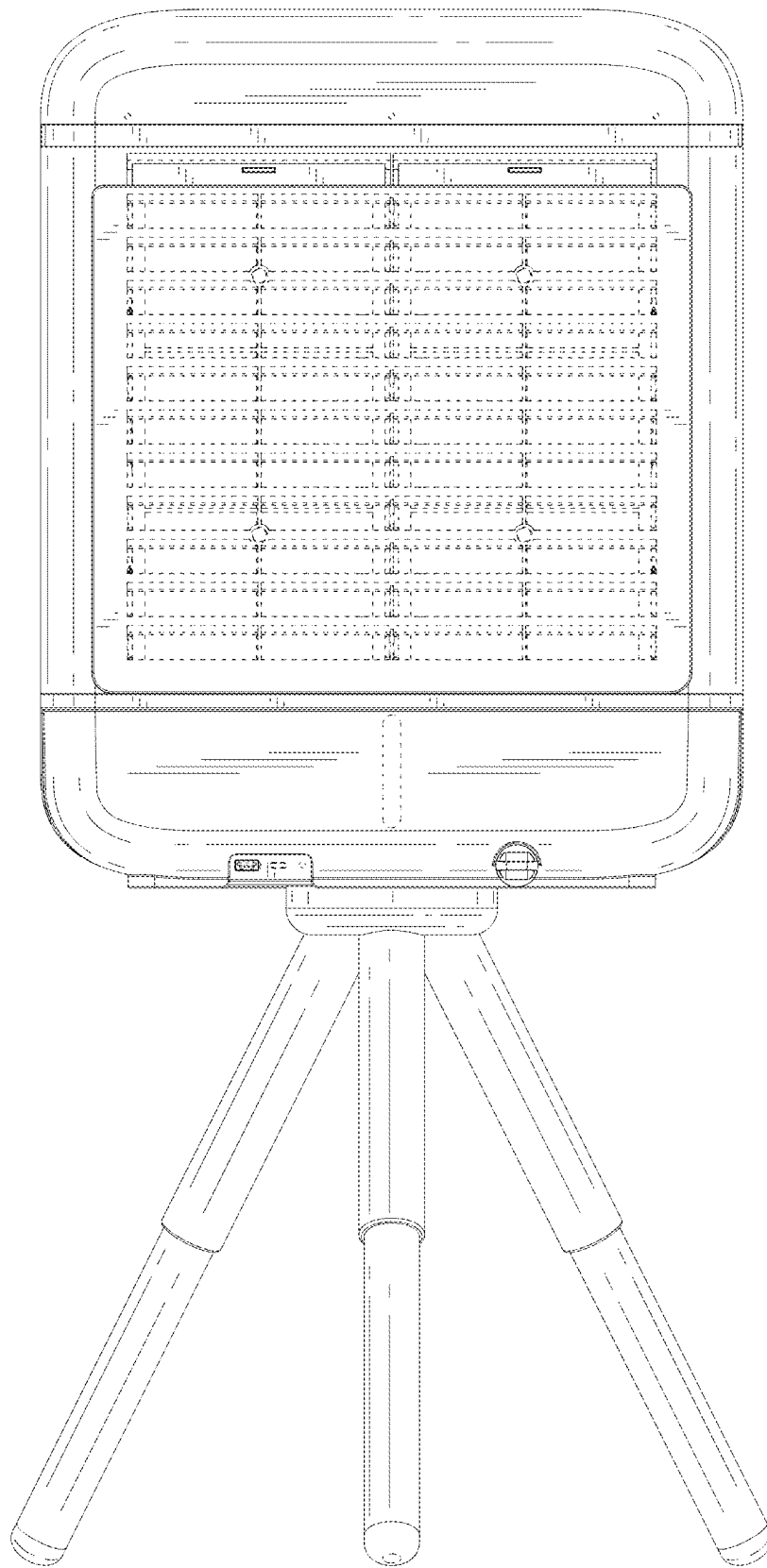


FIG. 3

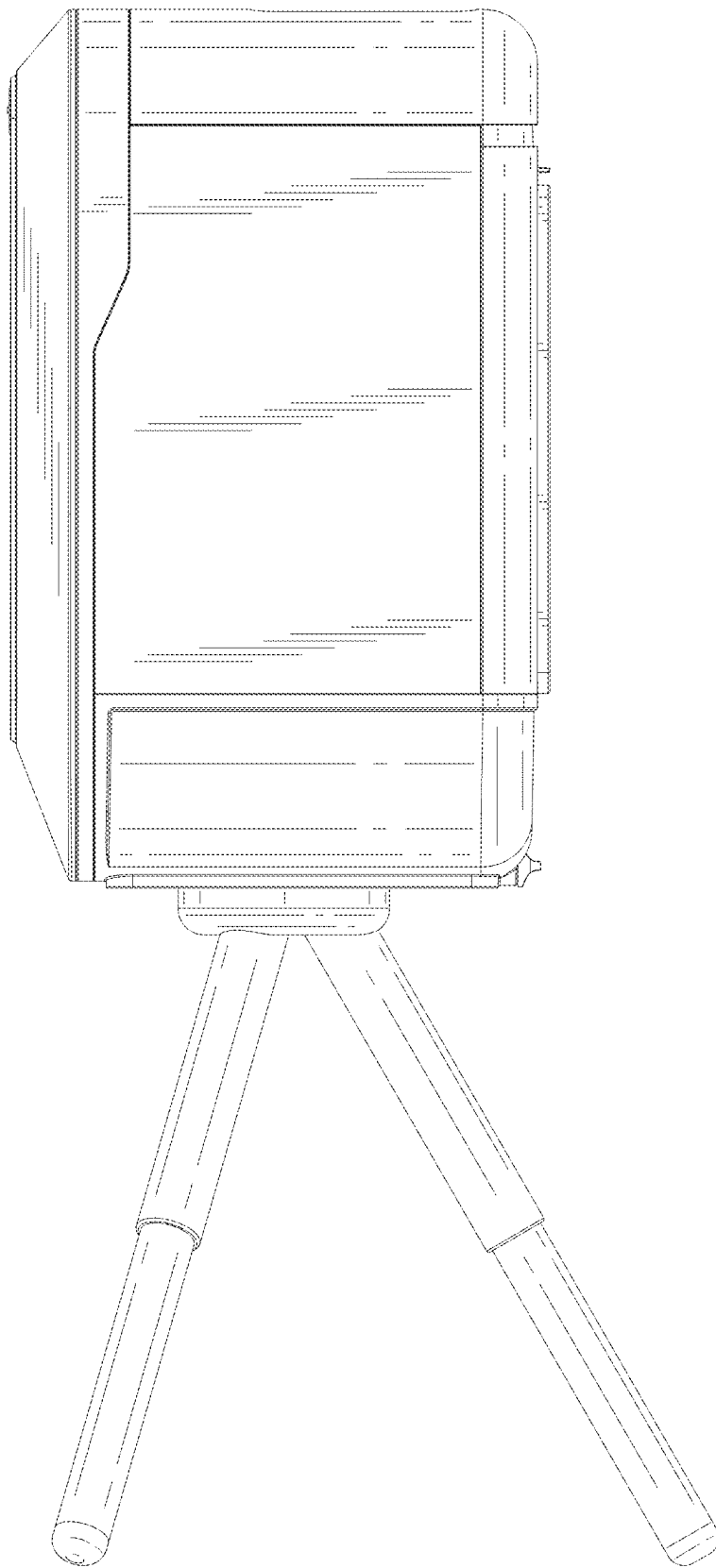


FIG. 4

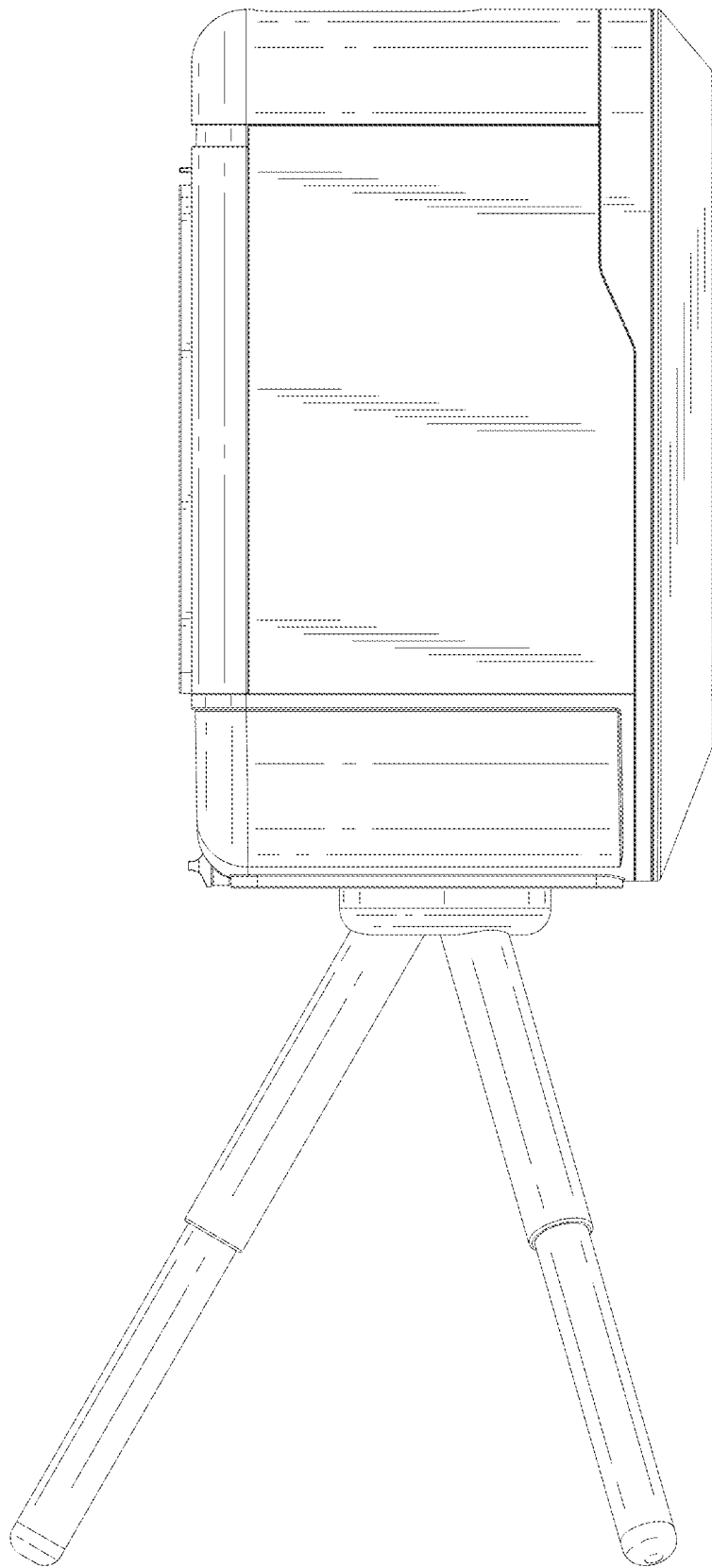


FIG. 5

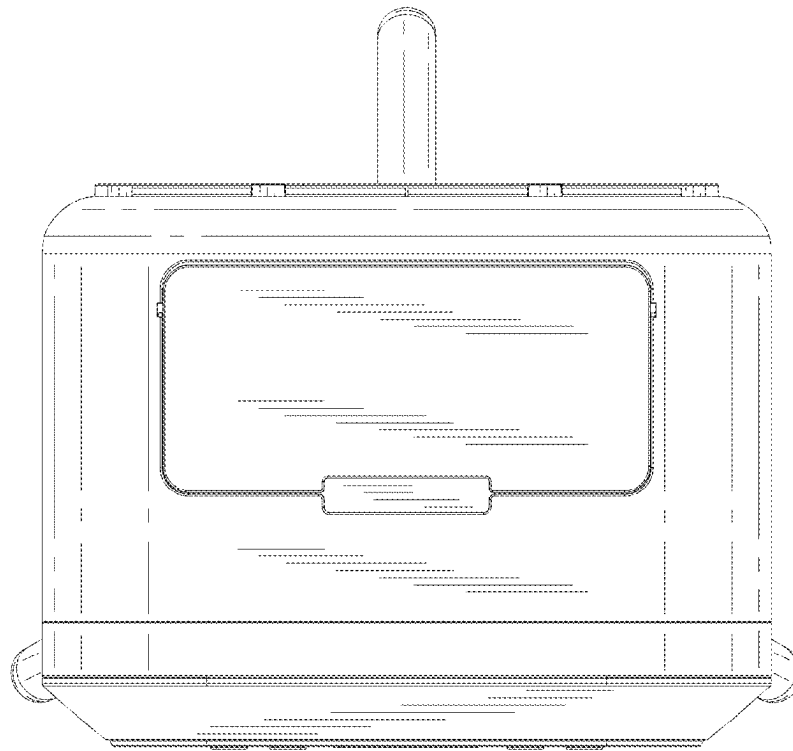


FIG. 6

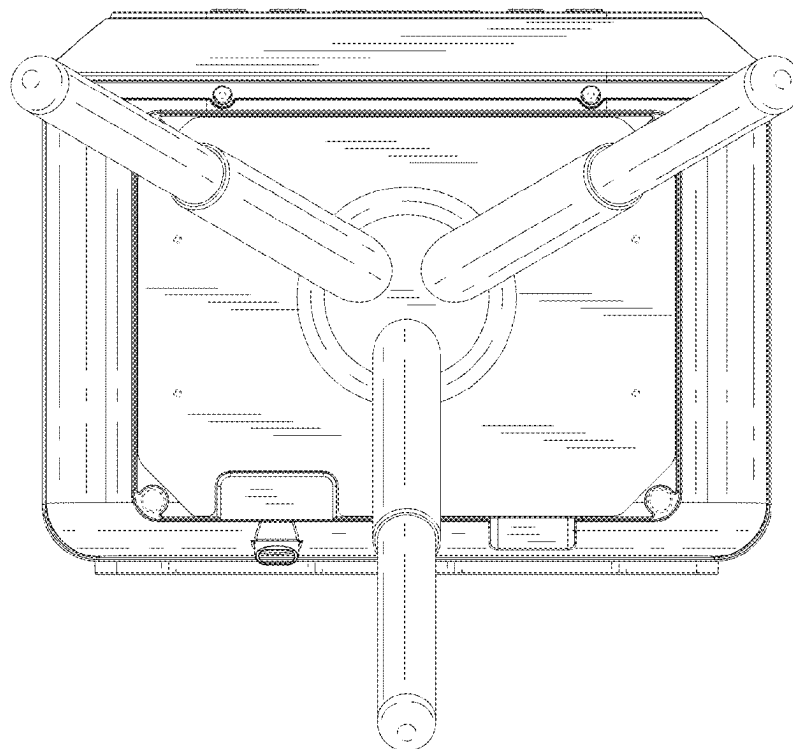


FIG. 7

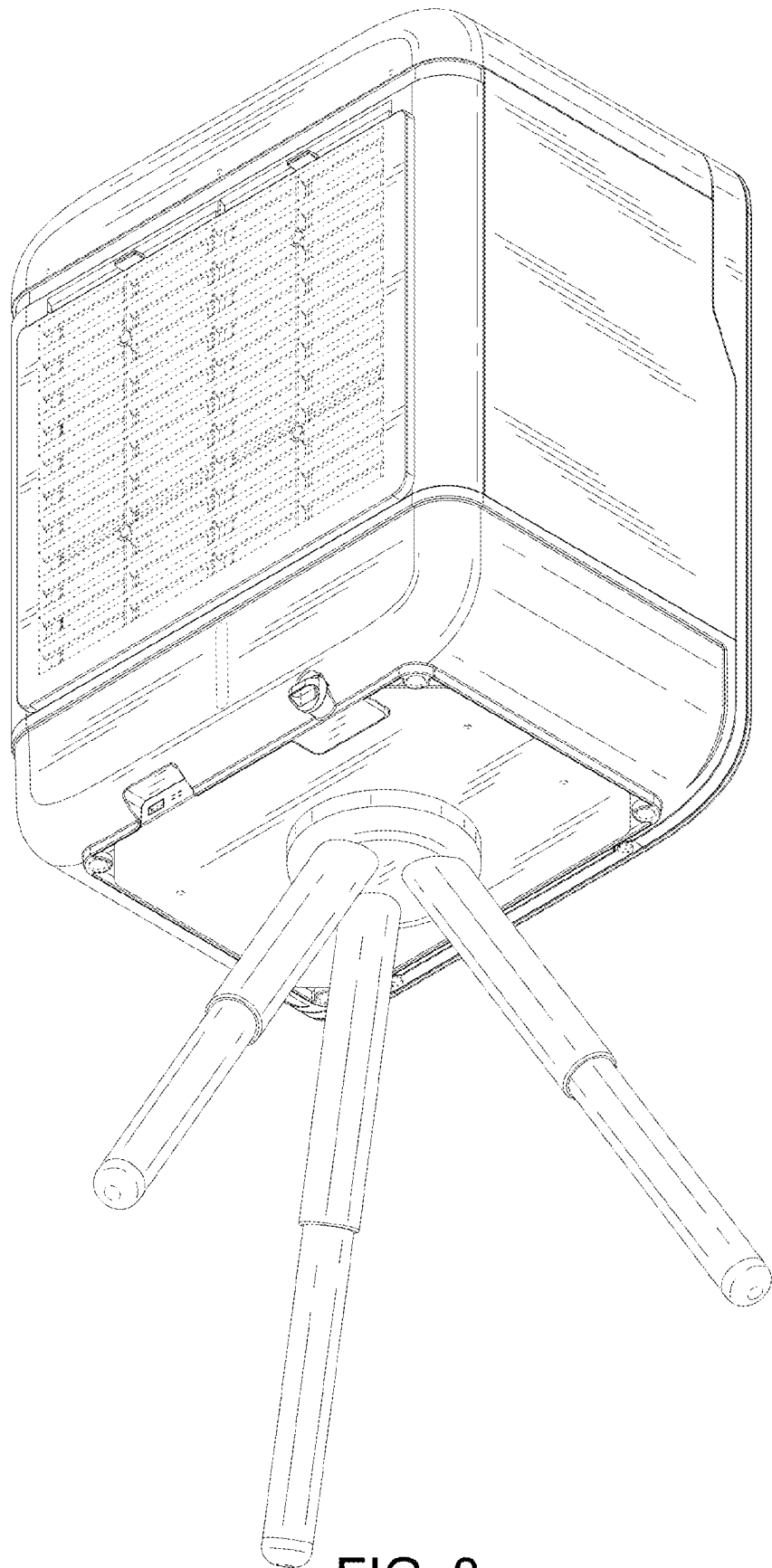


FIG. 8