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

(10) **Patent No.:** **US D980,331 S**

(45) **Date of Patent:** **** Mar. 7, 2023**

(54) **BUBBLE MACHINE**

D896,894 S	9/2020	Yang	
D905,220 S *	12/2020	Farone	D23/364
D916,981 S *	4/2021	Yang	D21/401
D966,482 S *	10/2022	Shan	D23/364
2009/0209163 A1*	8/2009	Thai	A63H 33/28 446/15

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(72) Inventor: **Jie Cai**, Shantou (CN)

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

* cited by examiner

(21) Appl. No.: **29/861,335**

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(22) Filed: **Nov. 29, 2022**

(51) **LOC (14) Cl.** **21-01**

(57) **CLAIM**

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

The ornamental design for a bubble machine, as shown and described.

USPC **D21/401**

(58) **Field of Classification Search**

DESCRIPTION

USPC D21/401; 463/20, 31, 34; 446/15, 16,
 446/20, 21, 161, 211; 237/78 R;
 219/544

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

CPC A63H 33/28; A63H 33/26; G03B 27/32;
 G03B 27/10; F24F 8/80

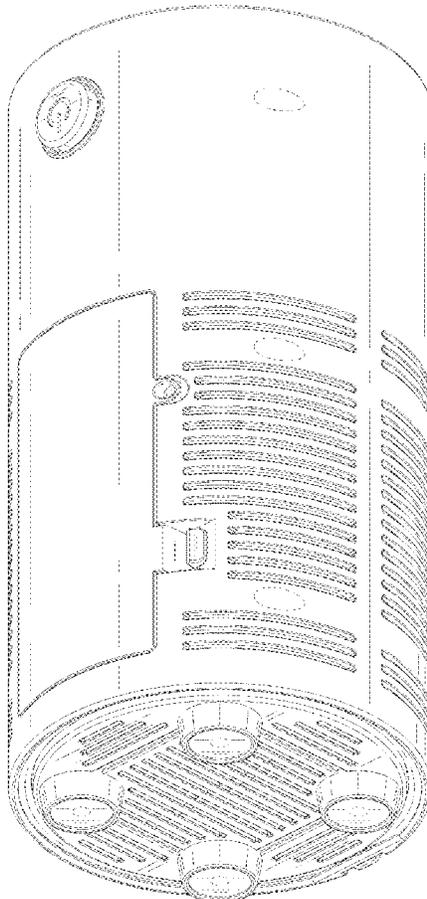
See application file for complete search history.

(56) **References Cited**

U.S. PATENT DOCUMENTS

D490,861 S	6/2004	Buzzelli	
D790,009 S *	6/2017	Lo	D21/401
D886,268 S *	6/2020	Montagnino	D23/364

1 Claim, 8 Drawing Sheets



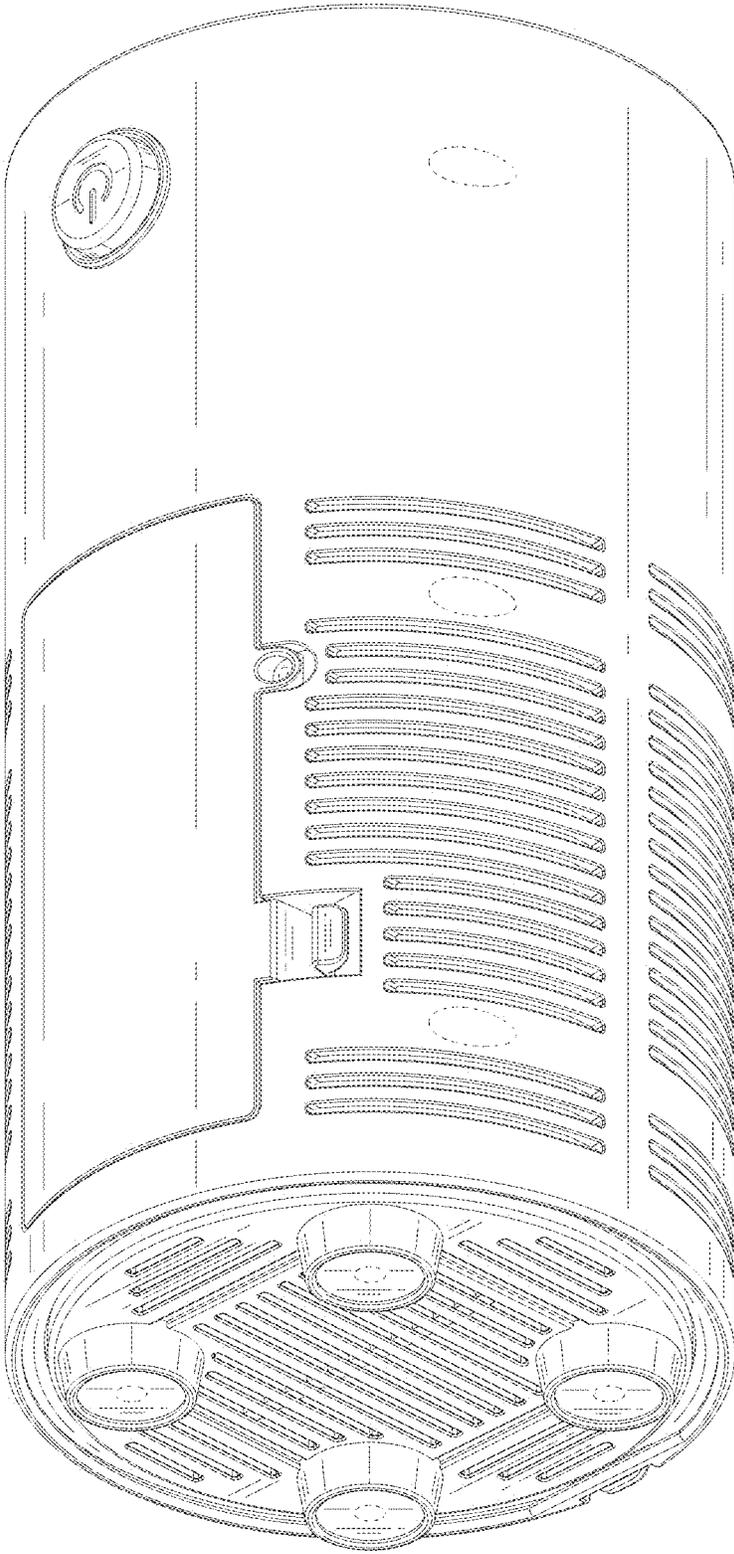


FIG. 1

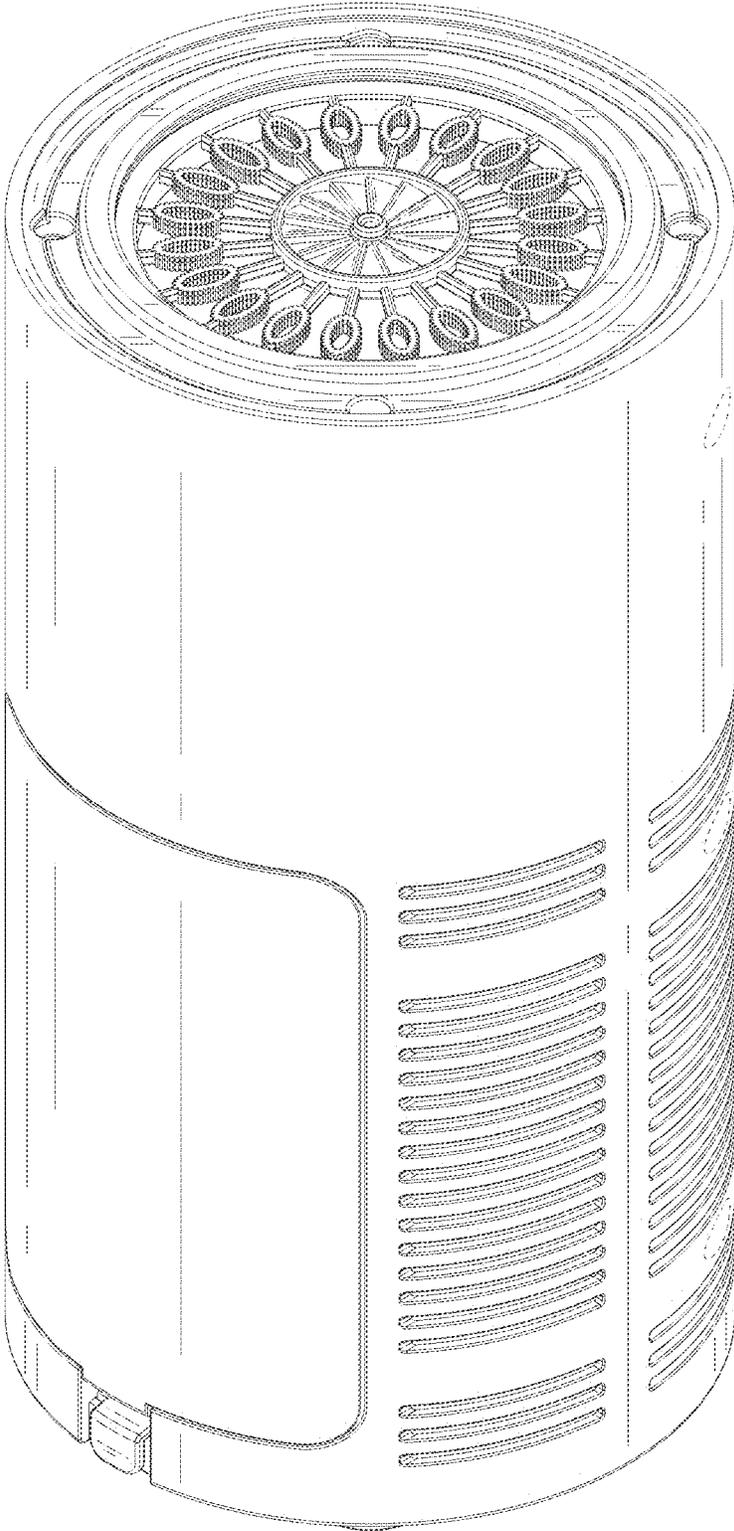


FIG. 2

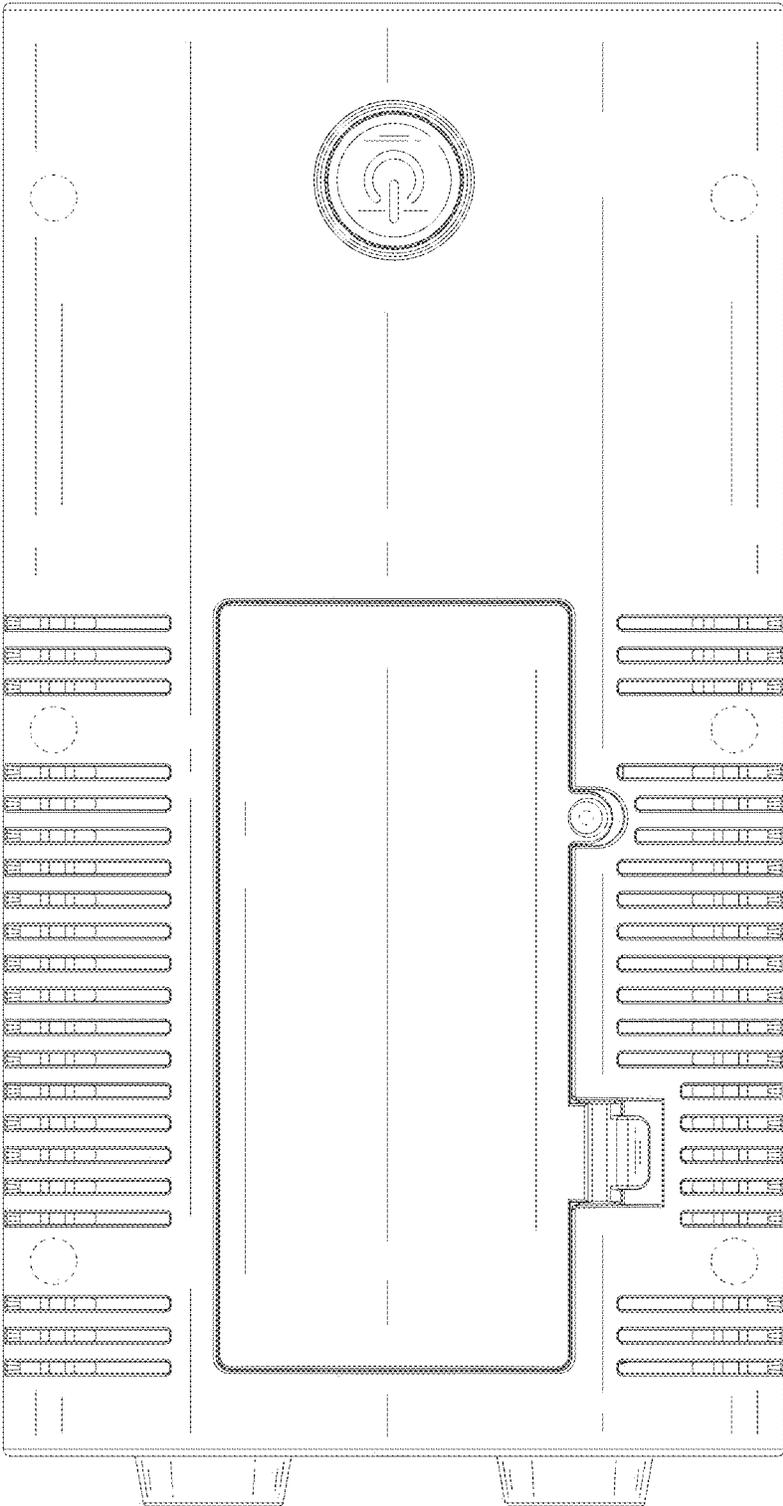


FIG. 3

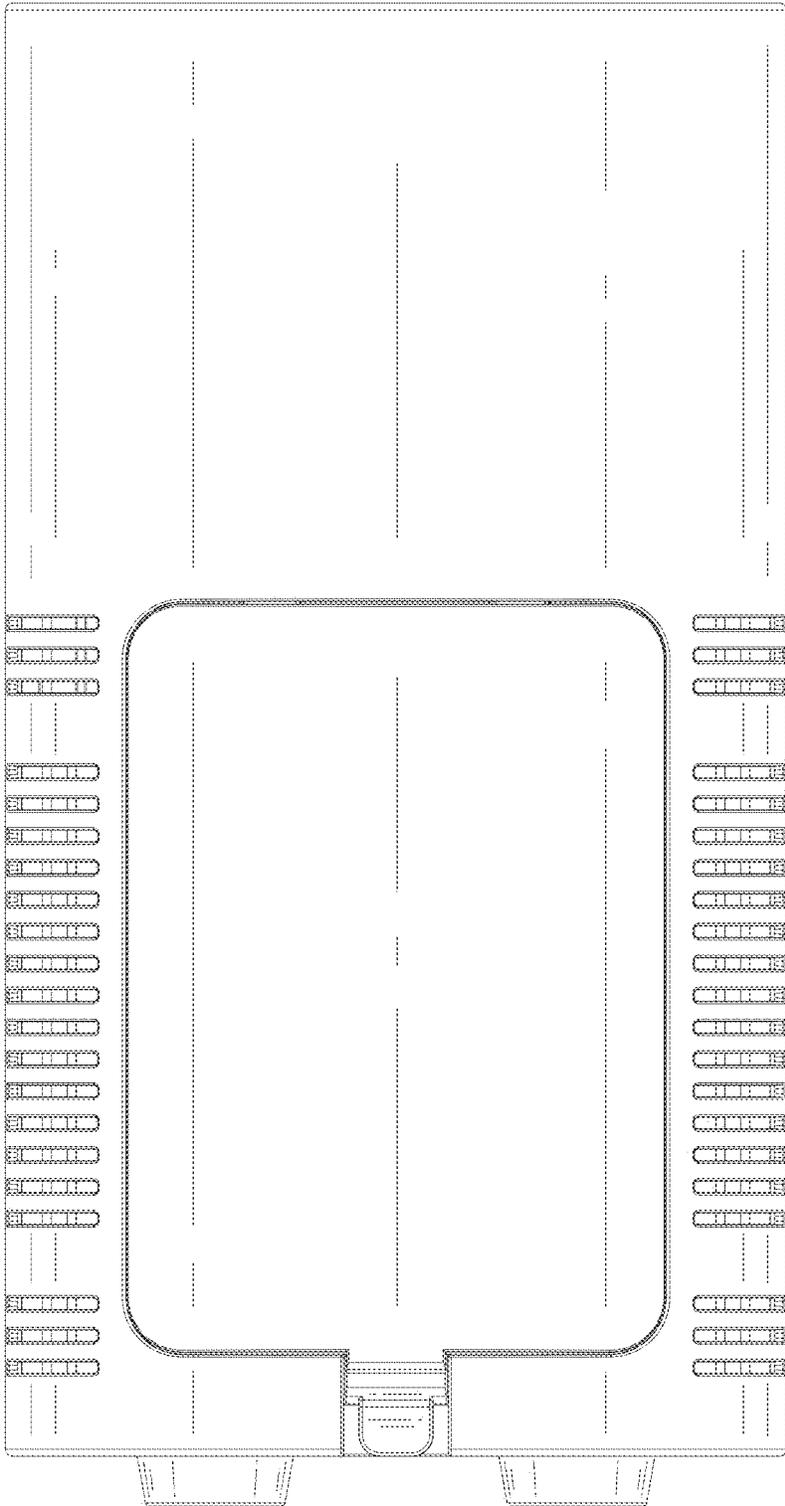


FIG. 4

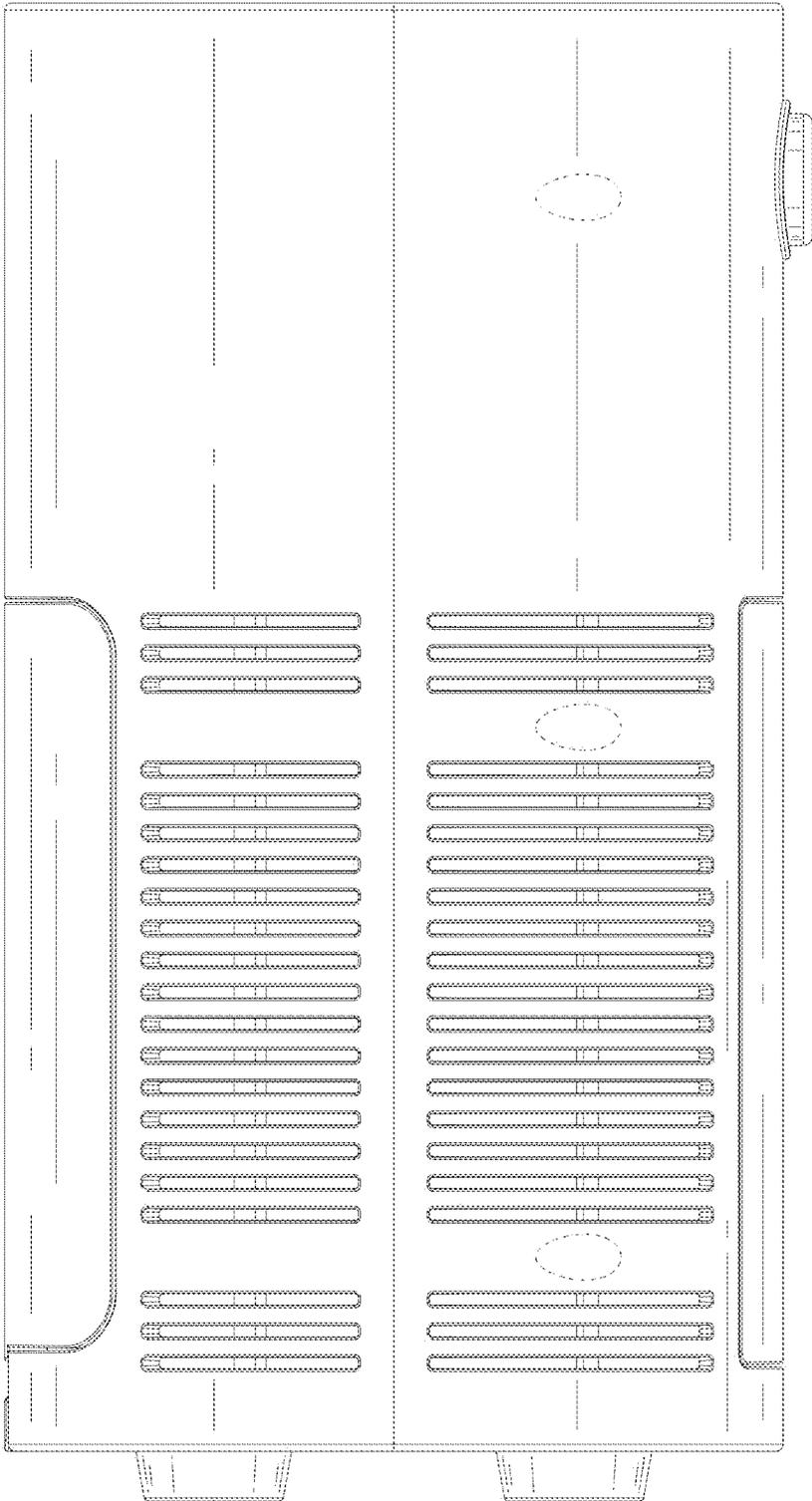


FIG. 5

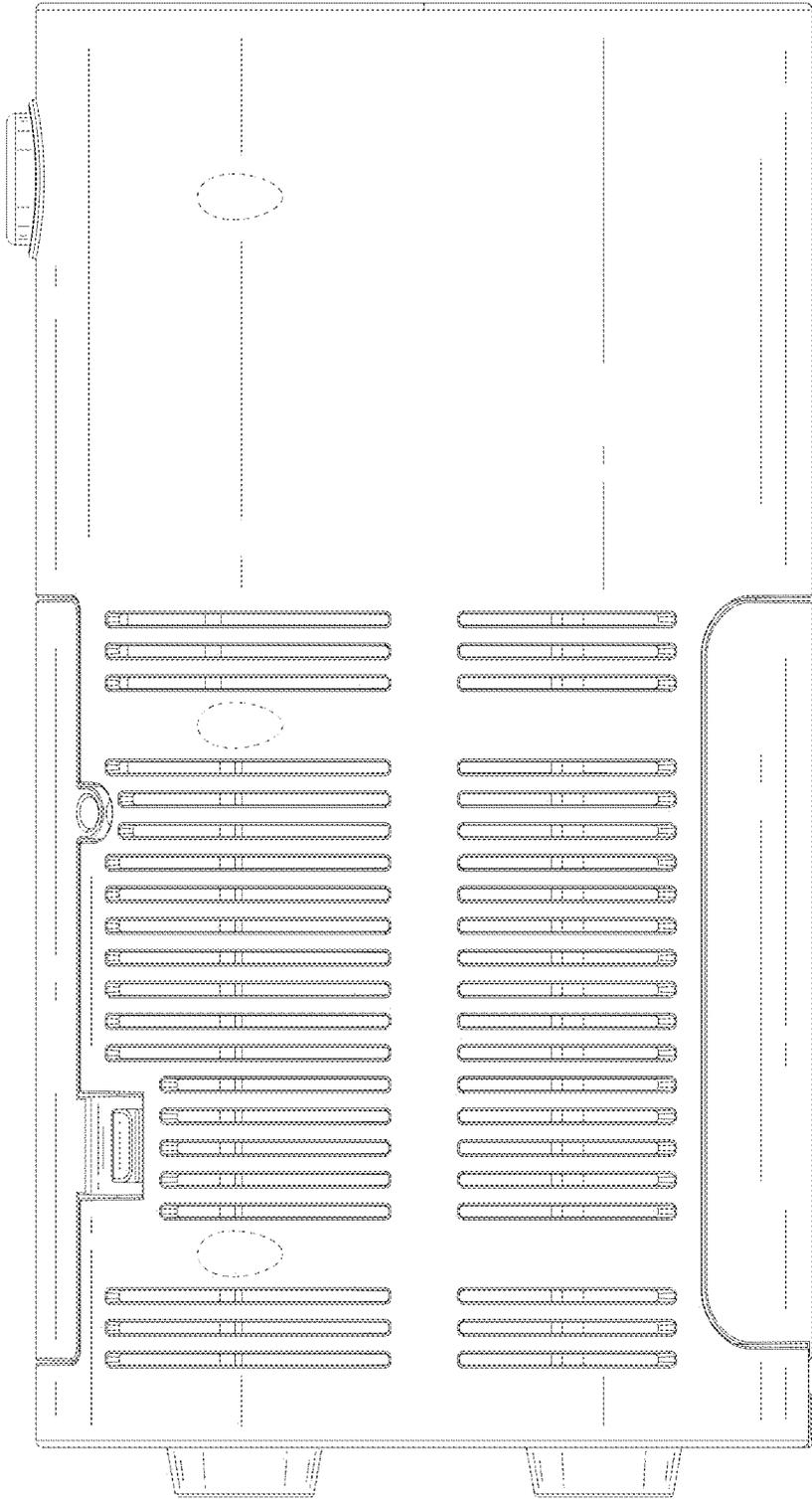


FIG. 6

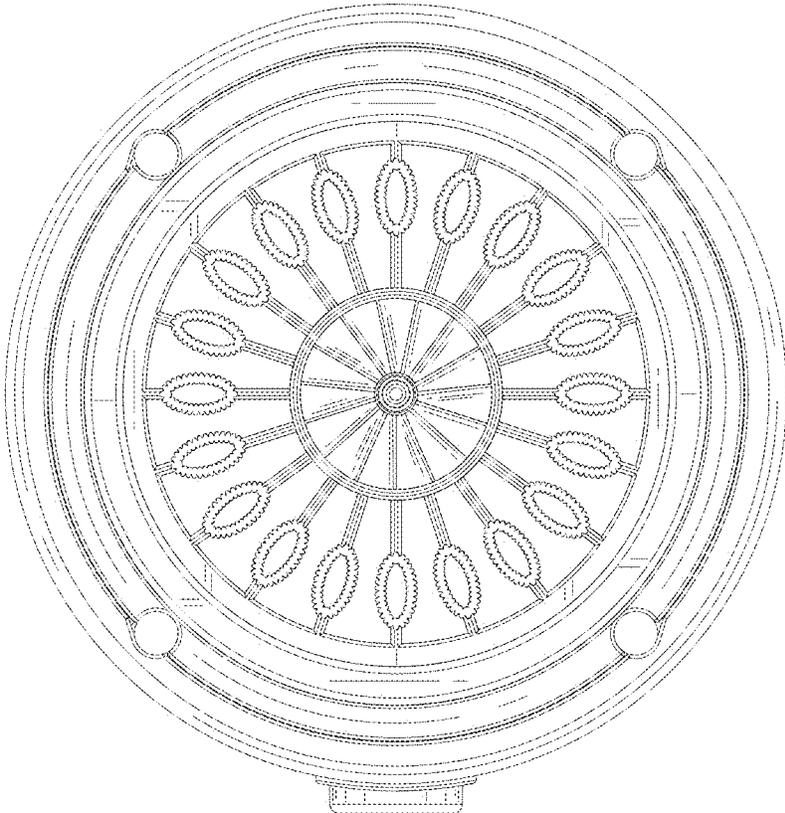


FIG. 7

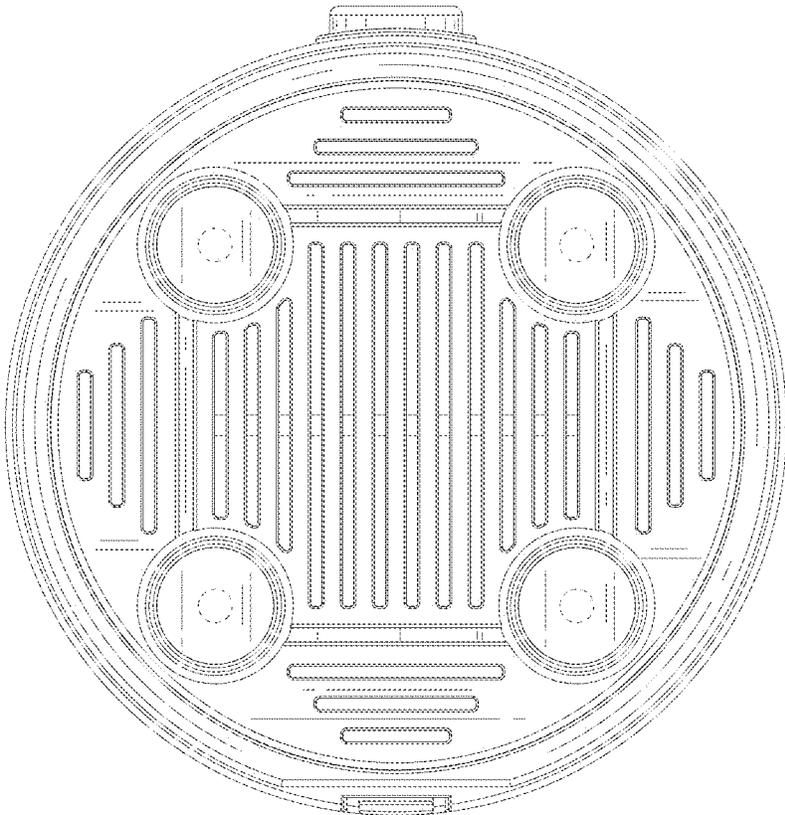


FIG. 8