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(12) **United States Design Patent** (10) **Patent No.:** **US D1,089,523 S**  
**Yang** (45) **Date of Patent:** **\*\* Aug. 19, 2025**

(54) **FOG BUBBLE MACHINE**

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

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(51) **LOC (15) Cl.** ..... **23-01**

(52) **U.S. Cl.**  
USPC ..... **D23/200**

(58) **Field of Classification Search**

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D23/225, 233, 235, 237, 241, 245, 247,  
D23/248, 249, 356  
CPC .. C02F 1/002; C02F 1/003; C02F 9/20; C02F  
2307/10; C02F 2307/12; A47J 31/605;  
A61H 9/0021; A61H 33/00; B05B 1/00;  
B05B 1/14; B05B 1/185; B05B 1/08;  
B05B 1/02; B05B 1/26; B05B 1/18;  
B05B 12/002; B05B 9/01; F17C  
2223/036; F17C 2205/0323; B60K  
2015/03514; B60K 2015/03296

See application file for complete search history.

(56) **References Cited**

**U.S. PATENT DOCUMENTS**

D916,982 S \* 4/2021 Yang ..... D21/401  
11,173,415 B1 \* 11/2021 Yang ..... A63H 33/28  
D947,986 S \* 4/2022 Wang ..... D23/200  
D957,528 S \* 7/2022 Yang ..... D21/401  
D965,098 S \* 9/2022 Yang ..... D23/200  
D970,683 S \* 11/2022 Chen ..... D23/200

D975,237 S \* 1/2023 Yang ..... D23/200  
D980,330 S \* 3/2023 Cai ..... D21/401  
D982,129 S \* 3/2023 Yang ..... D23/200  
D1,020,983 S \* 4/2024 Pang ..... D23/200  
D1,036,618 S \* 7/2024 Sui ..... D23/225  
(Continued)

**OTHER PUBLICATIONS**

Wisdomlit Fog Bubble Machine, posted Aug. 29, 2024 [online],  
[retrieved Apr. 16, 2025]. Retrieved from internet, [https://www.amazon.com/Machine-No-Spill-Colorful-Birthday-Halloween/dp/B0DFLSGM8W/ref=cm\\_cr\\_ap\\_d\\_product\\_top?ie=UTF8&th=1](https://www.amazon.com/Machine-No-Spill-Colorful-Birthday-Halloween/dp/B0DFLSGM8W/ref=cm_cr_ap_d_product_top?ie=UTF8&th=1) (Year: 2024).\*

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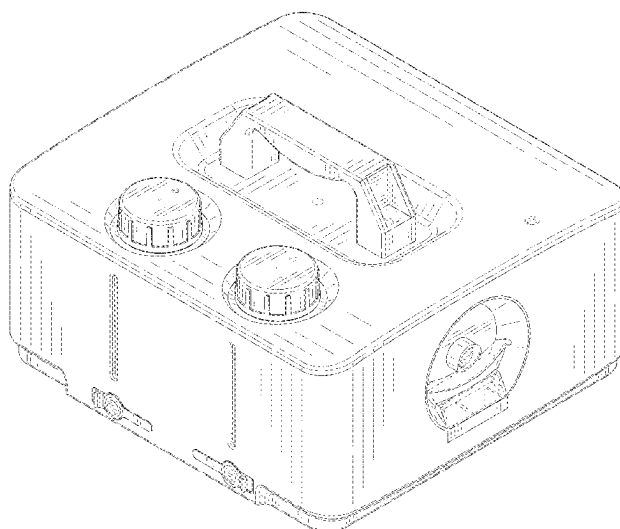
(57) **CLAIM**

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

**DESCRIPTION**

FIG. 1 is a perspective view of a fog bubble machine  
showing my new design;  
FIG. 2 is another perspective view thereof;  
FIG. 3 is a front elevational view thereof;  
FIG. 4 is a rear elevational view thereof;  
FIG. 5 is a left side elevational view thereof;  
FIG. 6 is a right side elevational view thereof;  
FIG. 7 is a top plan view thereof;  
FIG. 8 is a bottom plan view thereof; and,  
FIG. 9 is an enlarged view of portion 9 shown in FIG. 2.  
The dash-dash broken lines in the drawings depict portions  
of the fog bubble machine that form no part of the claimed  
design. The dot-dash broken lines represent boundaries of  
the enlarged portion and form no part of the claimed design.

**1 Claim, 9 Drawing Sheets**



(56)

**References Cited**

## U.S. PATENT DOCUMENTS

2018/0272245	A1 *	9/2018	Pogue	.....	A63J 5/025
2019/0126161	A1 *	5/2019	Yang	.....	A63J 5/02
2022/0088499	A1 *	3/2022	Pogue	.....	A63J 5/025

## OTHER PUBLICATIONS

Blessny Fog bubble machine, posted Sep. 29, 2024 [online], [retrieved Apr. 16, 2025]. Retrieved from internet, [https://www.amazon.com/blessny-Professional-Halloween-Christmas-Birthday/dp/B0DJ6Q9Q3C/ref=cm\\_cr\\_ar\\_p\\_d\\_product\\_top?ie=UTF8&th=1](https://www.amazon.com/blessny-Professional-Halloween-Christmas-Birthday/dp/B0DJ6Q9Q3C/ref=cm_cr_ar_p_d_product_top?ie=UTF8&th=1) (Year: 2024).\*

Wooye Fog Machine, posted Nov. 28, 2023 [online], [retrieved Apr. 16, 2025]. Retrieved from internet, [https://www.amazon.com/Portable-Birthday-Photograph-Christmas-Halloween/dp/B0CP3KXKKL/ref=cm\\_cr\\_ar\\_p\\_d\\_product\\_top?ie=UTF8](https://www.amazon.com/Portable-Birthday-Photograph-Christmas-Halloween/dp/B0CP3KXKKL/ref=cm_cr_ar_p_d_product_top?ie=UTF8) (Year: 2023).\*

\* cited by examiner

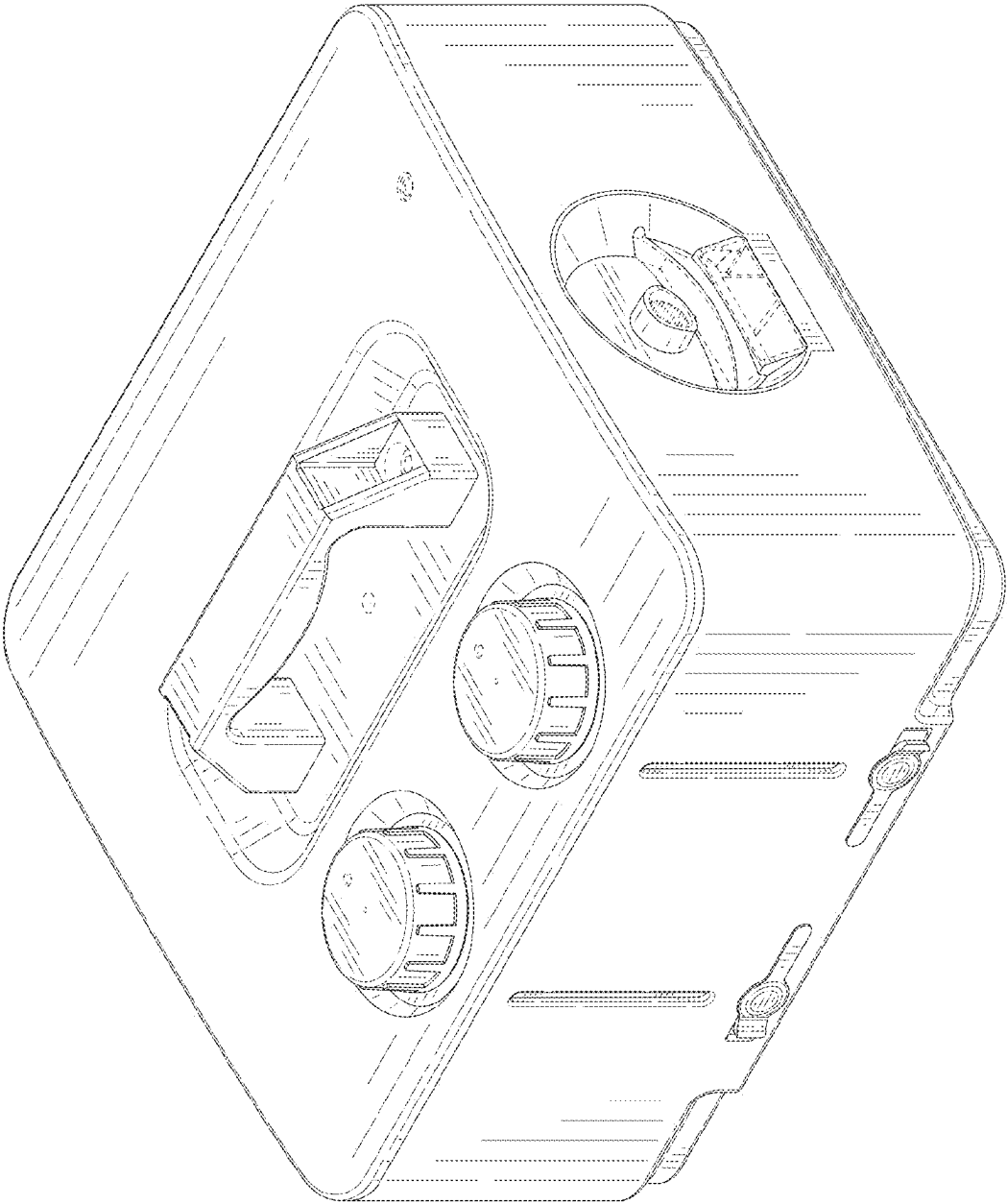


FIG. 1

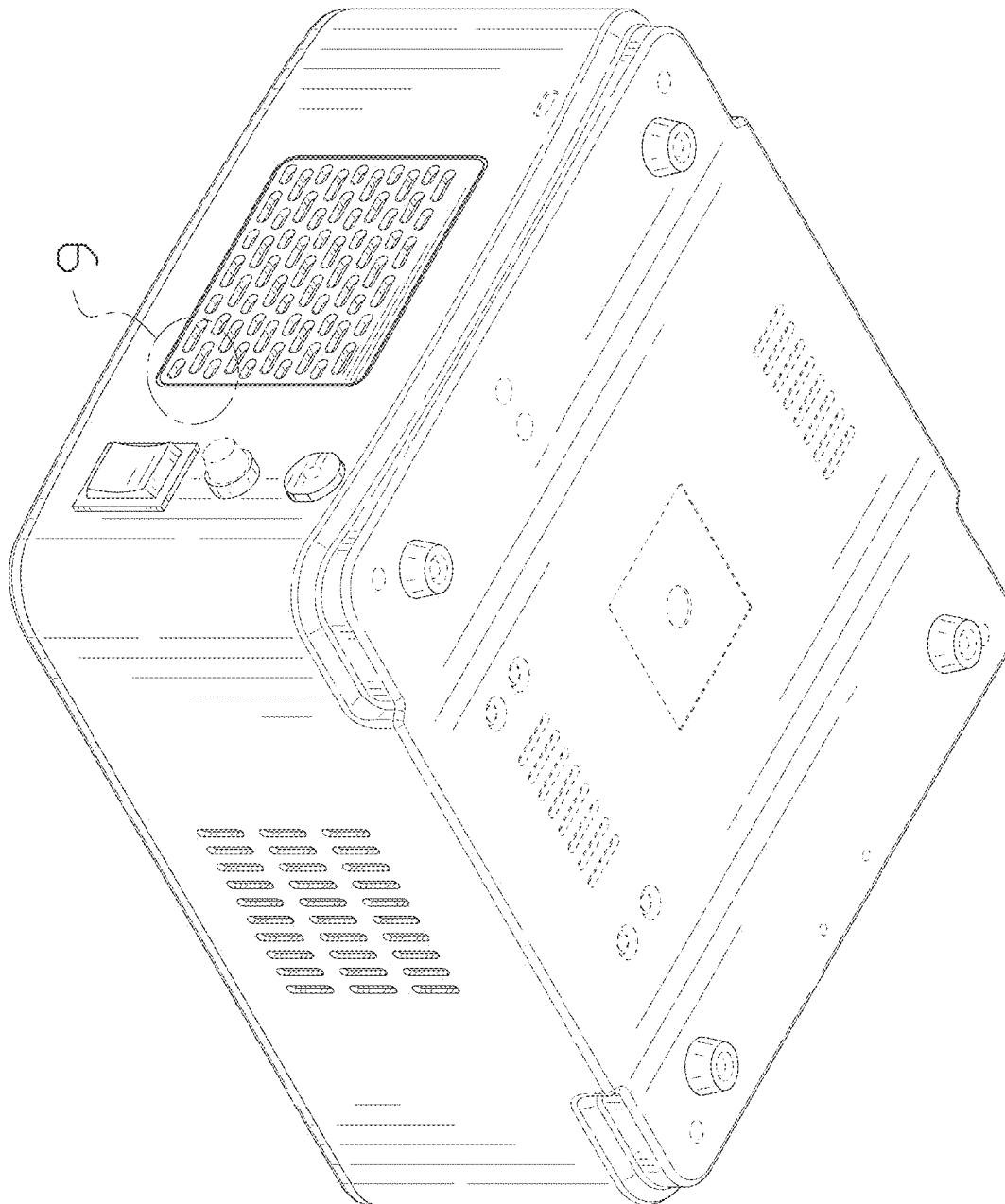


FIG. 2

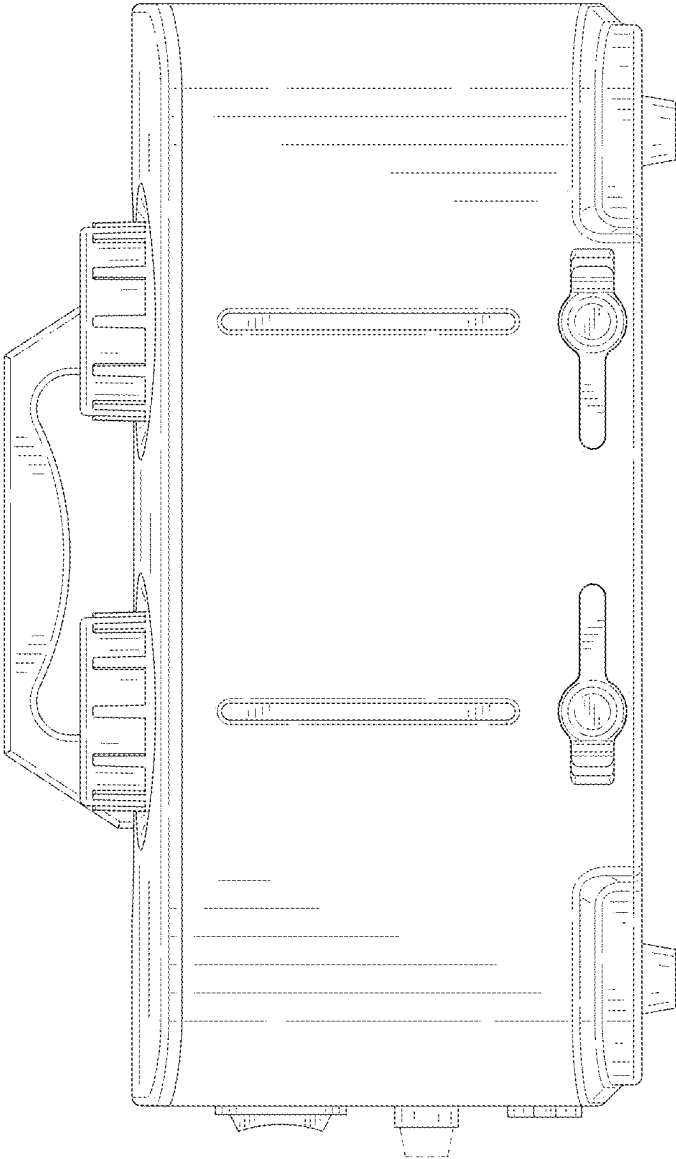


FIG. 3

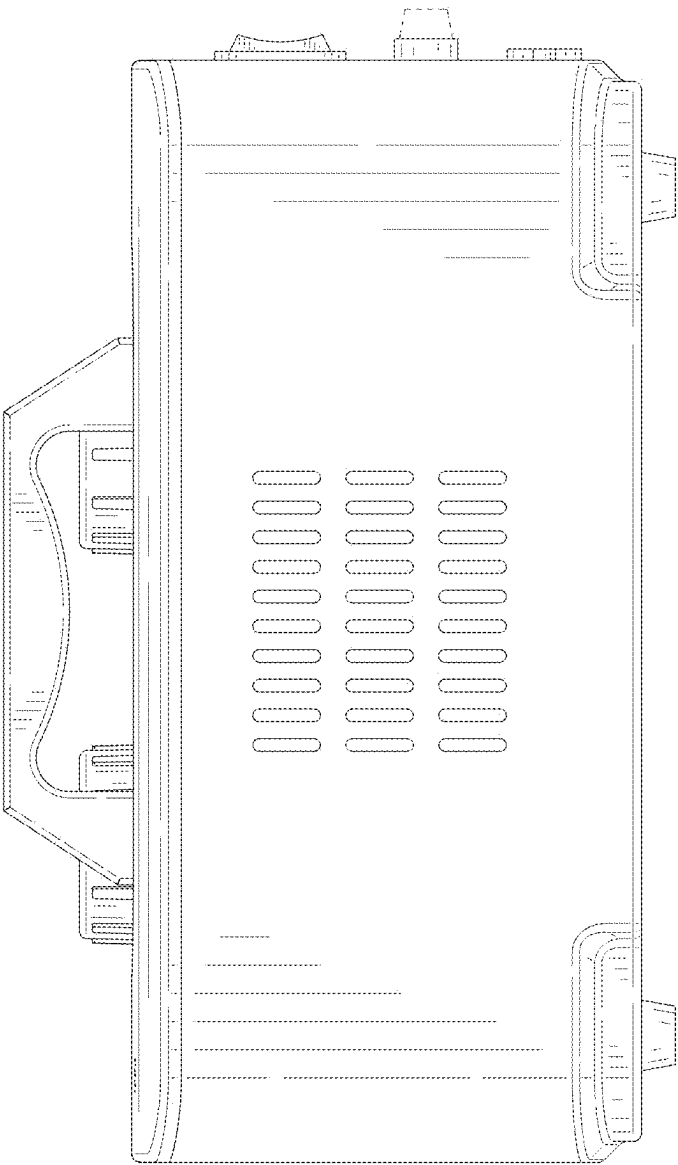


FIG. 4

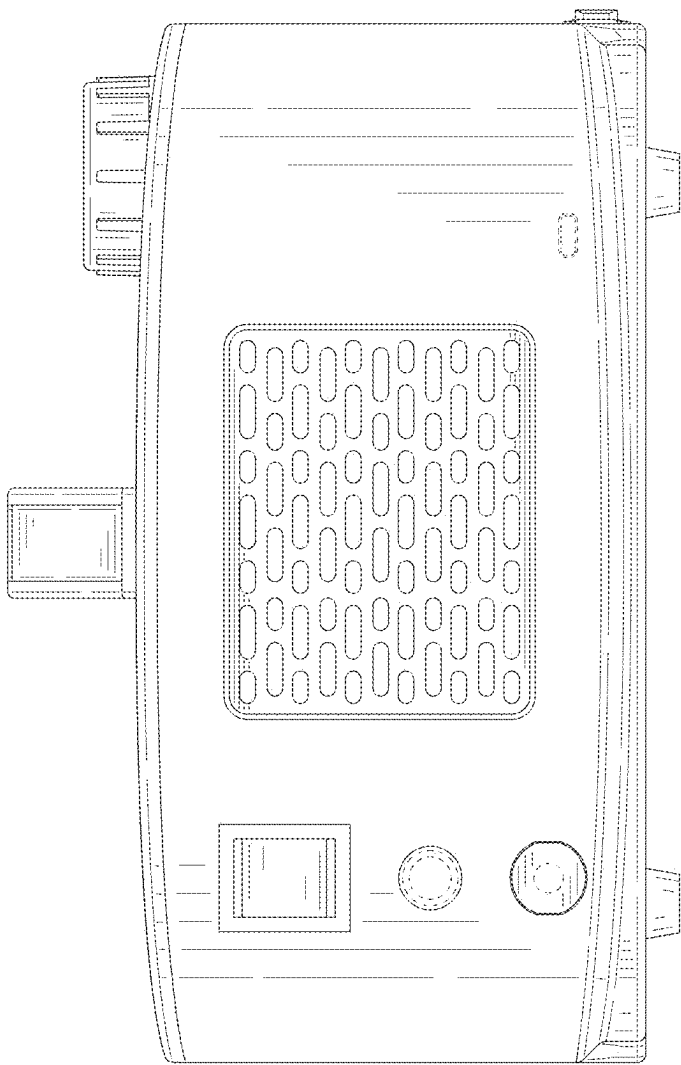


FIG. 5

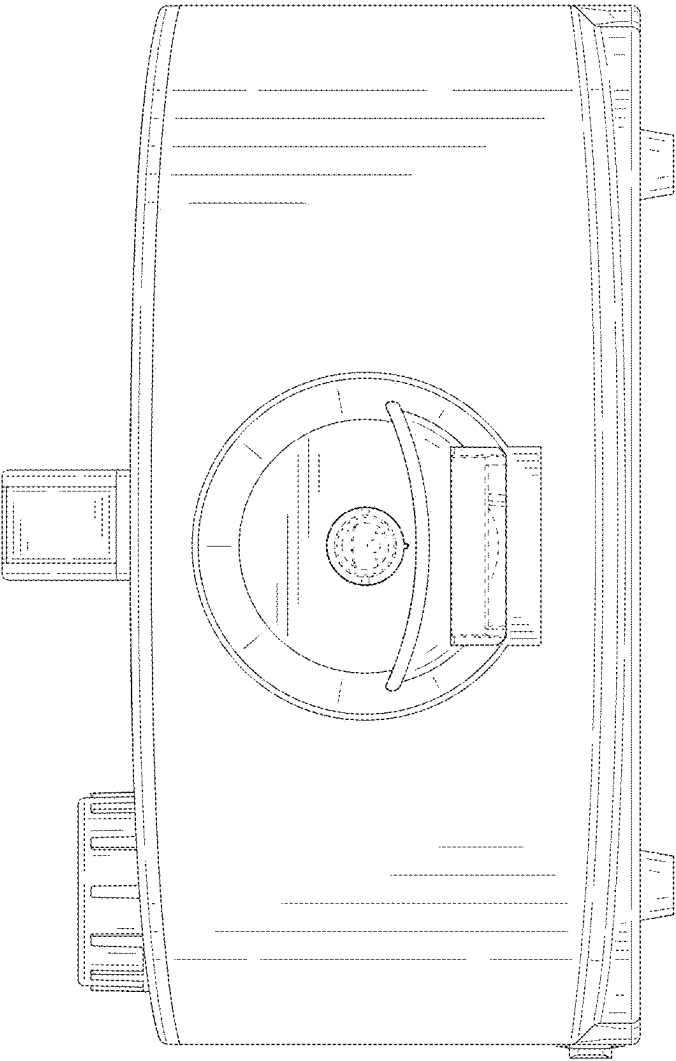


FIG. 6



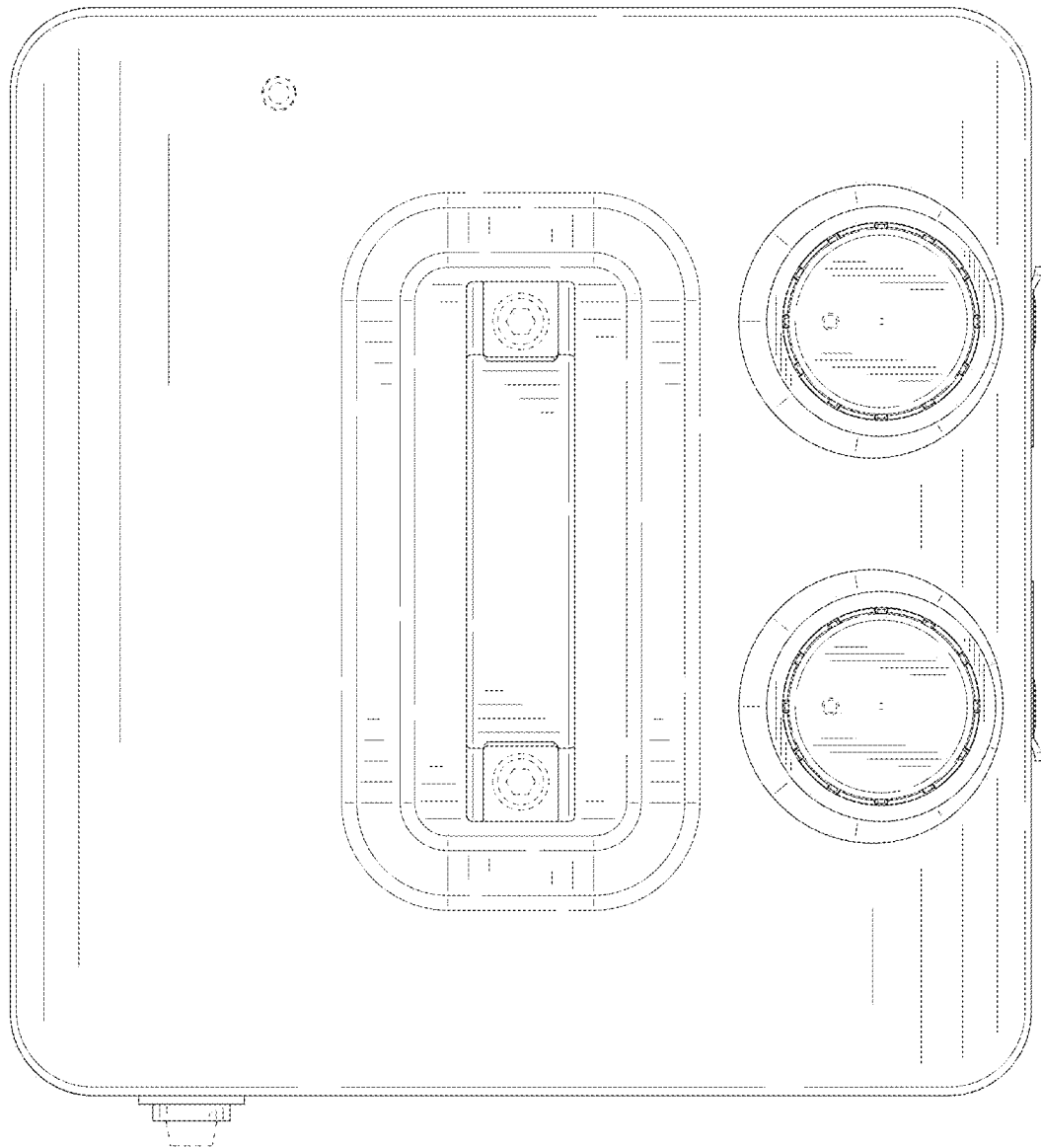


FIG. 7

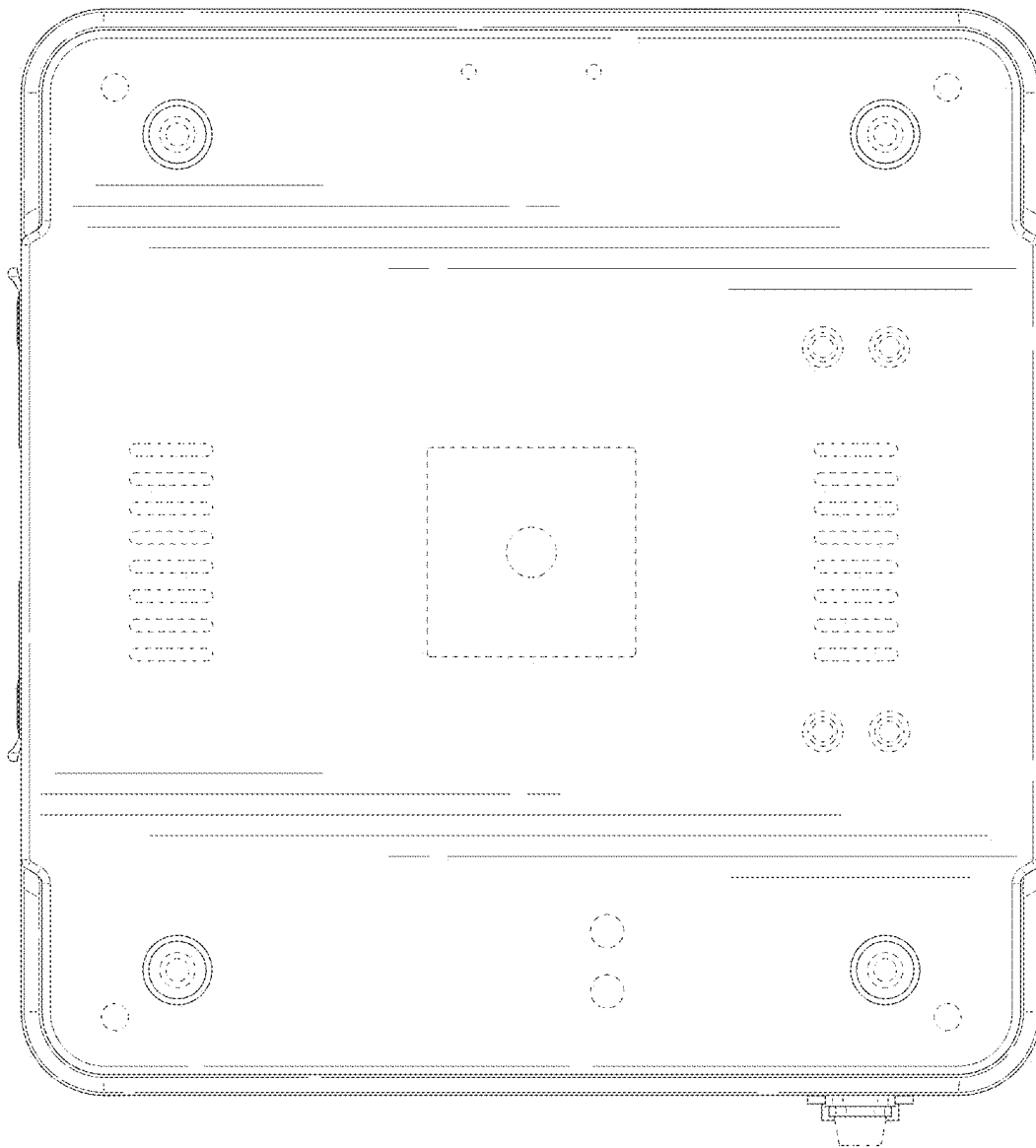


FIG. 8

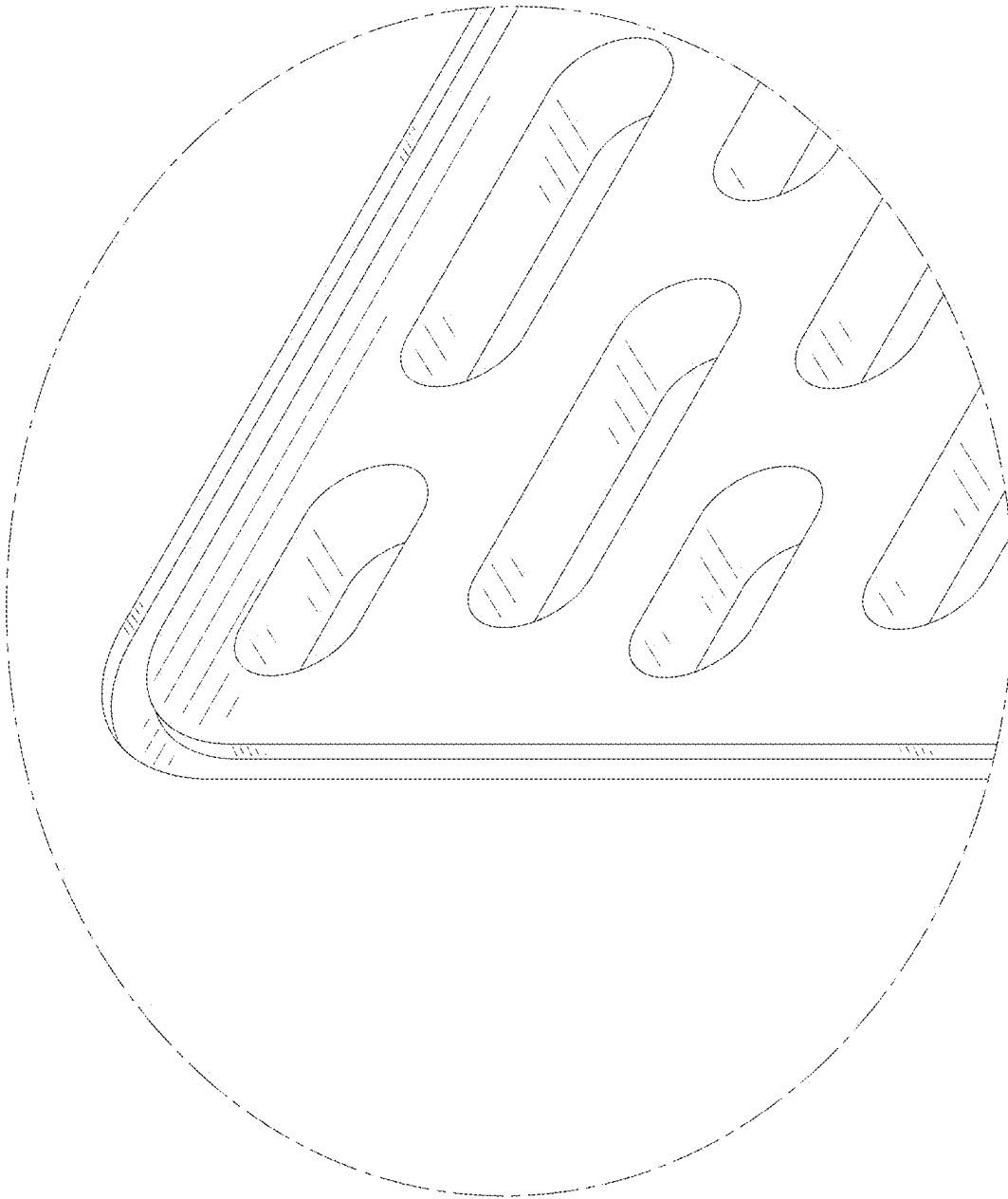


FIG. 9