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

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(54) **MINI RECHARGEABLE LASER LIGHTING**

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

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(52) **U.S. Cl.**
USPC **D26/110; D26/63**

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D26/110, 113, 137; D10/111; 362/157,
362/171, 183; D16/231, 244
CPC F21S 8/00; F21S 8/02; F21S 8/03; F21S
8/026; F21S 8/038; F21S 8/003; F21S
8/043; F21S 9/00; F21S 9/02; F21S 9/03;
F21S 6/00; F21S 6/005; F21V 1/00;
F21V 21/02; F21V 21/14; F21V 21/30;
F21V 15/01; F21V 5/04

See application file for complete search history.

(56) **References Cited**

U.S. PATENT DOCUMENTS

D234,809 S *	4/1975	Delin	.....	D26/67
D234,971 S *	4/1975	Delin	.....	D26/67
D253,854 S *	1/1980	Strignano	.....	D26/63
D474,849 S *	5/2003	Lodhie	.....	B64D 47/02 D26/2
D587,832 S *	3/2009	Bergmann	.....	D26/63
D673,204 S *	12/2012	Bae	.....	D16/244
D773,091 S *	11/2016	Nouvel	.....	D26/63
D777,965 S *	1/2017	Mirchandani	.....	D26/67
D794,860 S *	8/2017	Khubani	.....	D26/68
D824,561 S *	7/2018	Waldmann	.....	D26/63
D825,829 S *	8/2018	Guo	.....	D26/63
D829,356 S *	9/2018	Yang	.....	D26/63
D832,482 S *	10/2018	Price	.....	D26/63

10,132,480 B2 *	11/2018	Ghasabi	.....	F21V 1/00
D837,430 S *	1/2019	Yang	.....	D26/63
D851,159 S *	6/2019	Guo	.....
D851,325 S *	6/2019	Wang	.....	D26/113
D855,231 S *	7/2019	Huang	.....	D26/63
D866,031 S *	11/2019	Muyshondt	.....	D26/49
D870,800 S *	12/2019	Xu	.....	D16/244
D871,652 S *	12/2019	Yang	.....	D26/113
D881,981 S *	4/2020	Li	.....	D16/244
D882,142 S *	4/2020	Huang	.....	D26/63
D889,731 S *	7/2020	Yang	.....	D26/110
10,704,766 B2 *	7/2020	Fieberg	F21V 31/005
D895,175 S *	9/2020	Li	D26/24
D896,432 S *	9/2020	Li	D26/110

(Continued)

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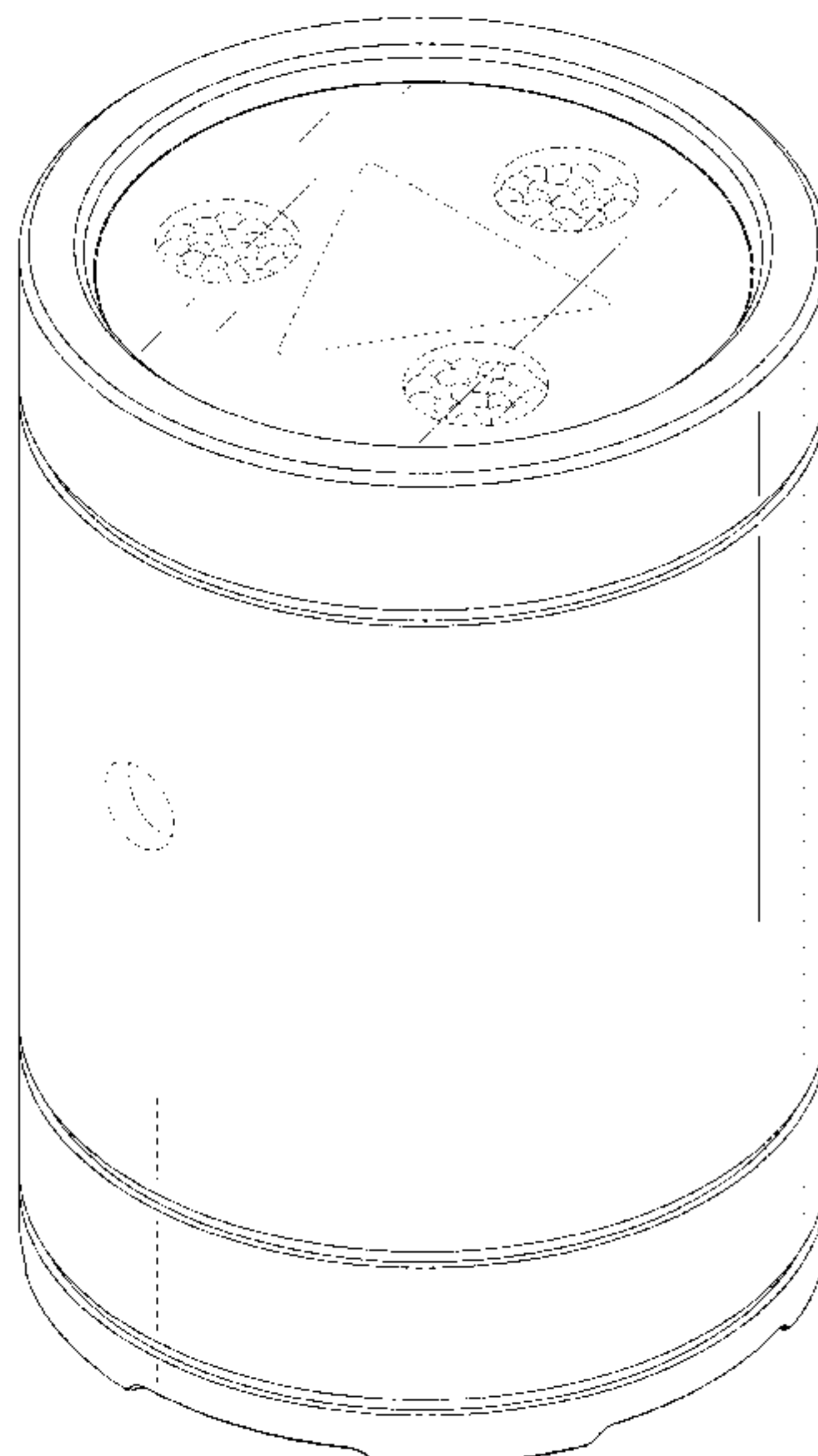
(57) **CLAIM**

The ornamental design for a mini rechargeable laser lighting, as shown and described.

DESCRIPTION

FIG. 1 is a front and top perspective view of a mini rechargeable laser lighting, showing my new design; FIG. 2 is a rear 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 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 a perspective view thereof; showing the mini rechargeable laser lighting installed with a tripod. The broken lines shown in the drawings are included for the purpose of illustrating environmental structure and portions of the mini rechargeable laser lighting, and form no part of the claimed design.

1 Claim, 9 Drawing Sheets



(56)

References Cited

U.S. PATENT DOCUMENTS

2017/0045212 A1* 2/2017 Ghasabi F21V 21/0824
2017/0191644 A1* 7/2017 Khubani F21V 15/005
2018/0100633 A1* 4/2018 Terumichi F21V 13/10

* cited by examiner

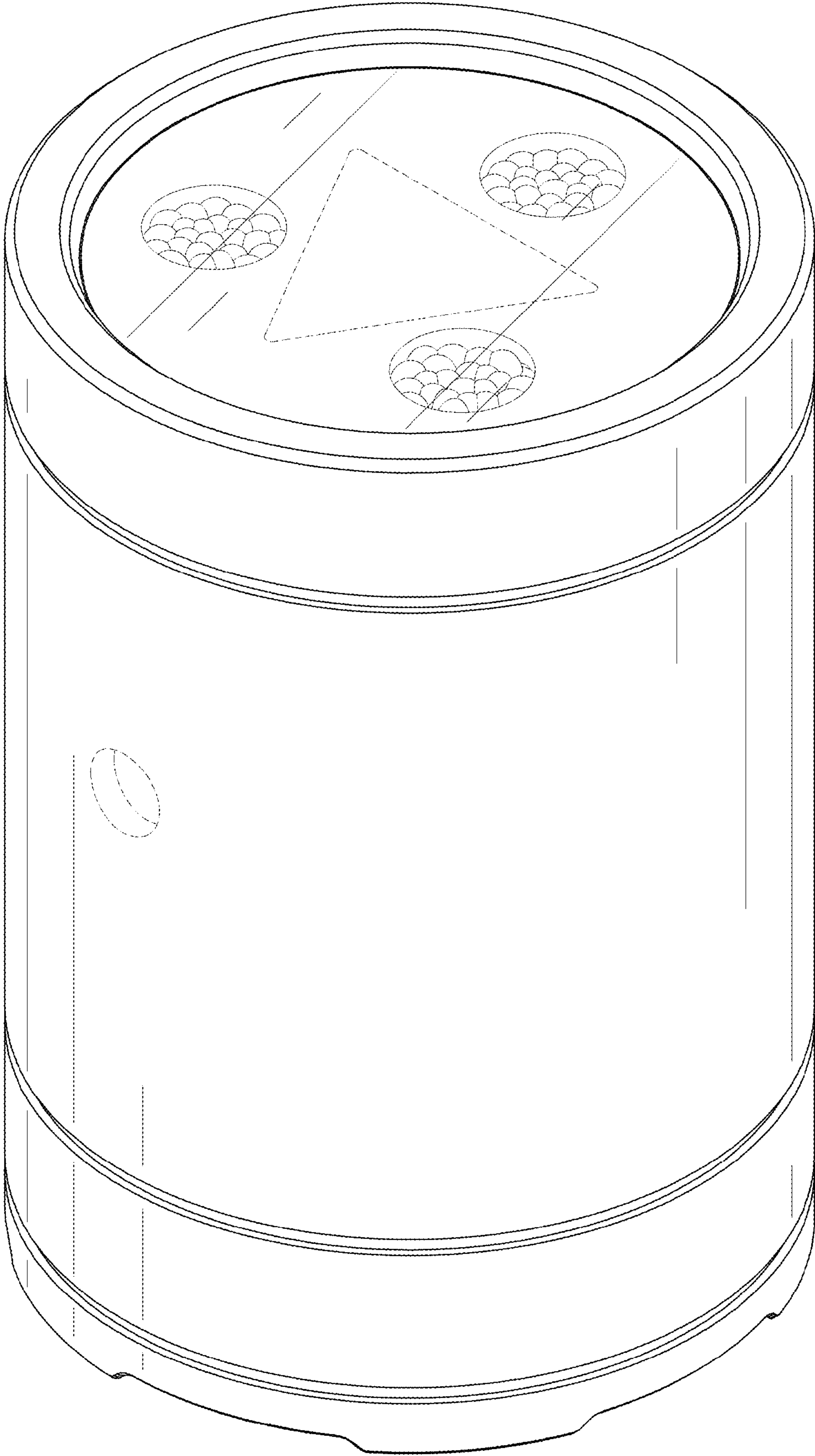


FIG. 1



FIG. 2

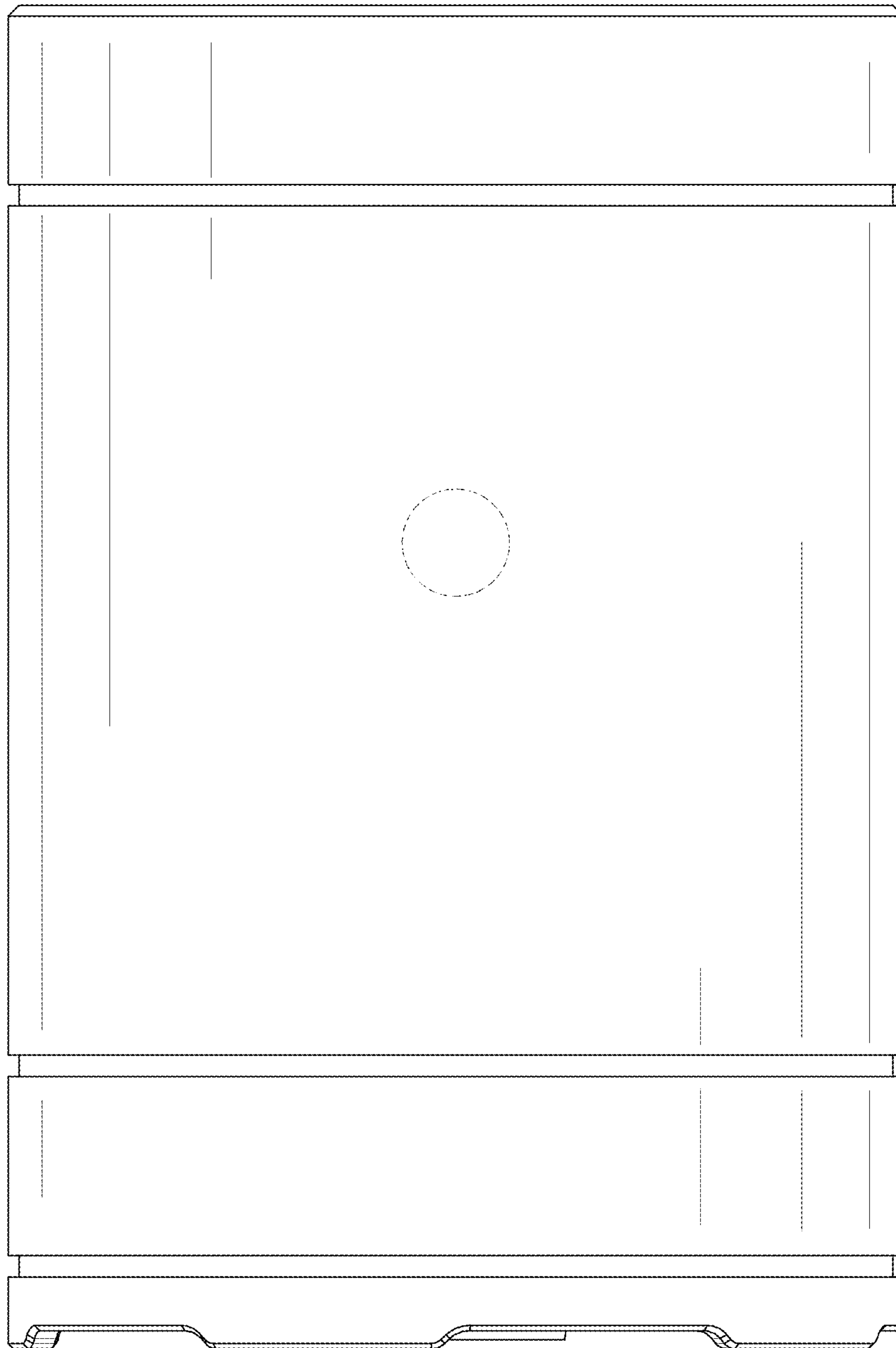


FIG. 3

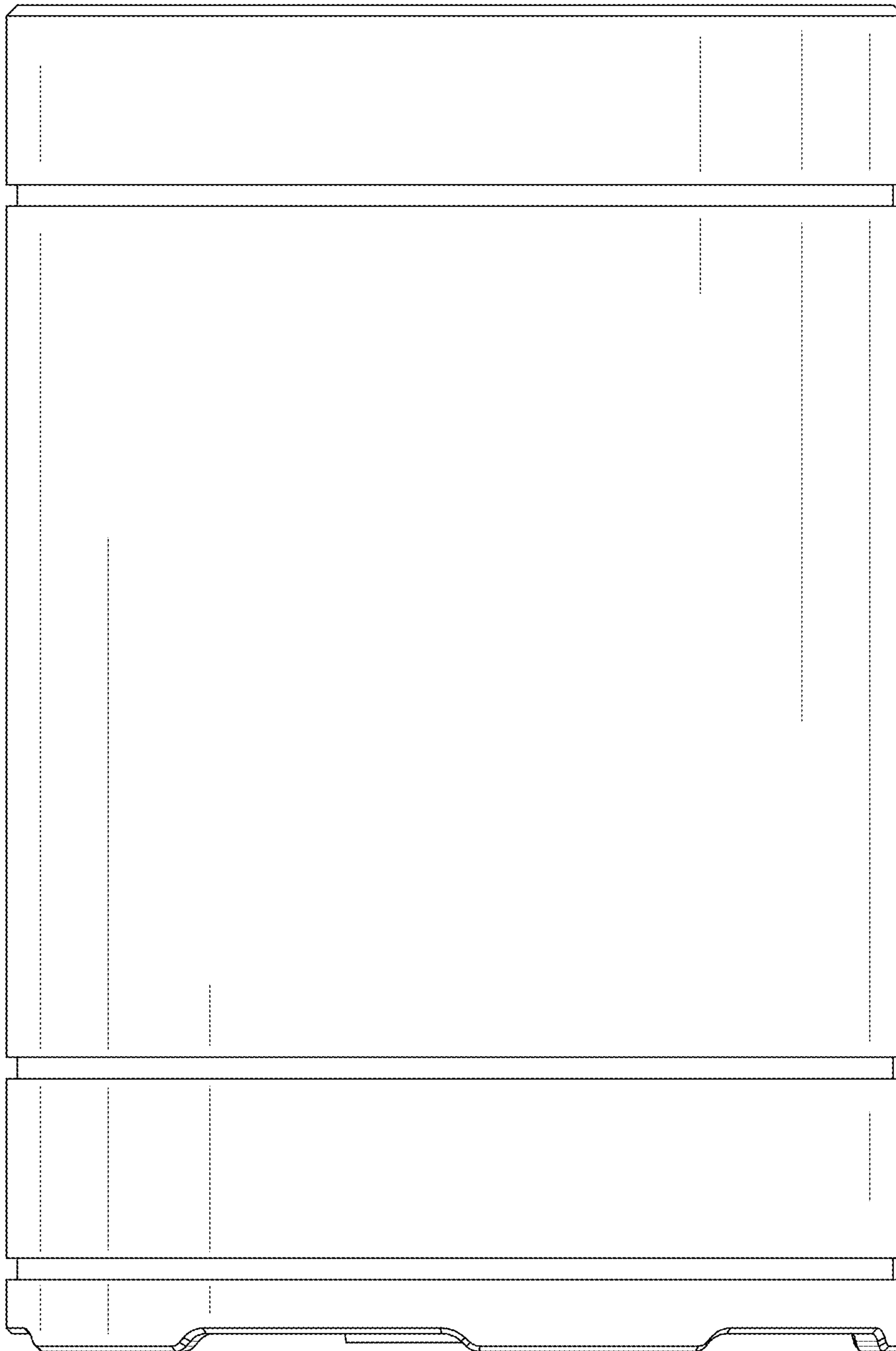


FIG. 4

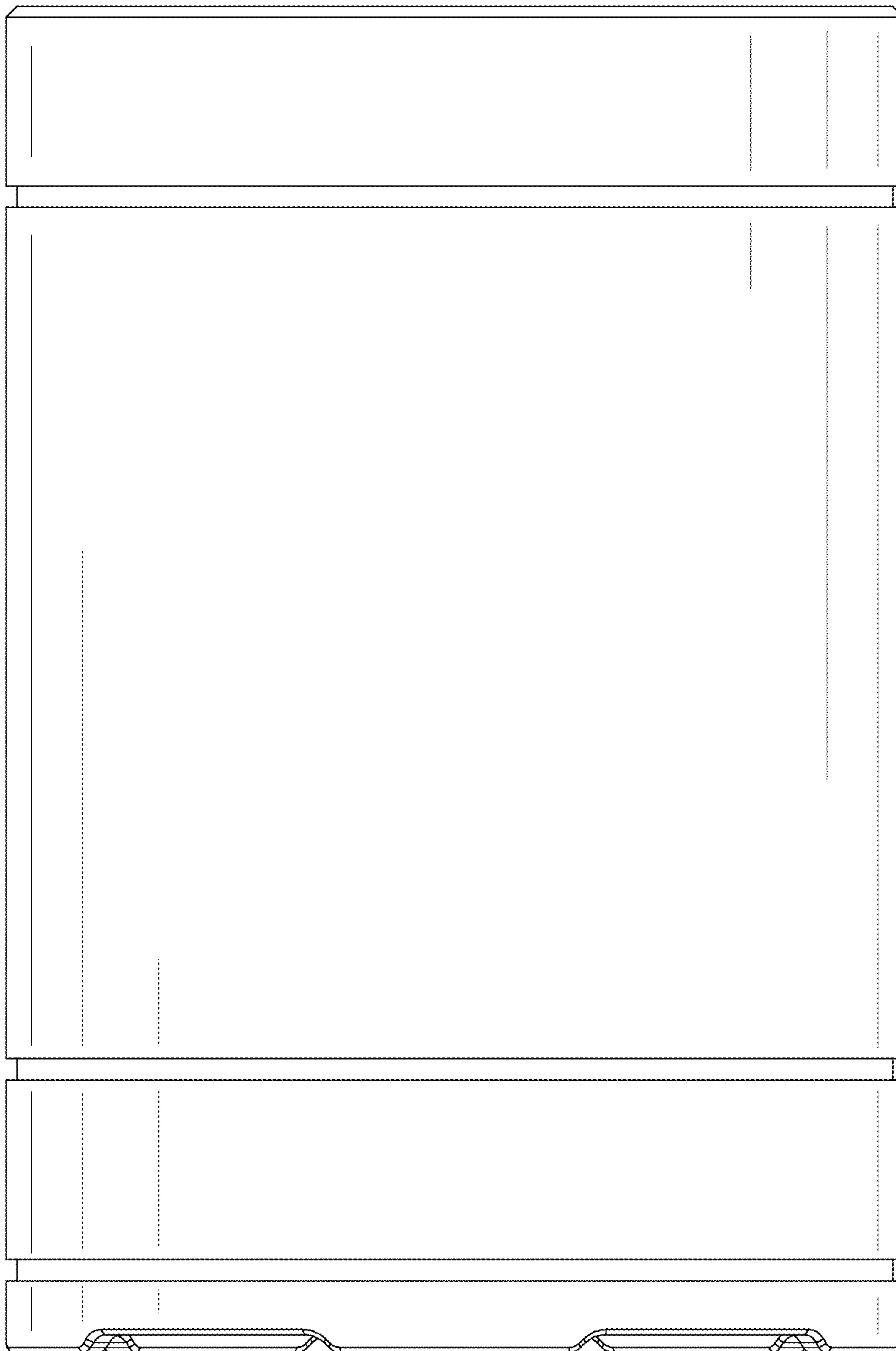


FIG. 5

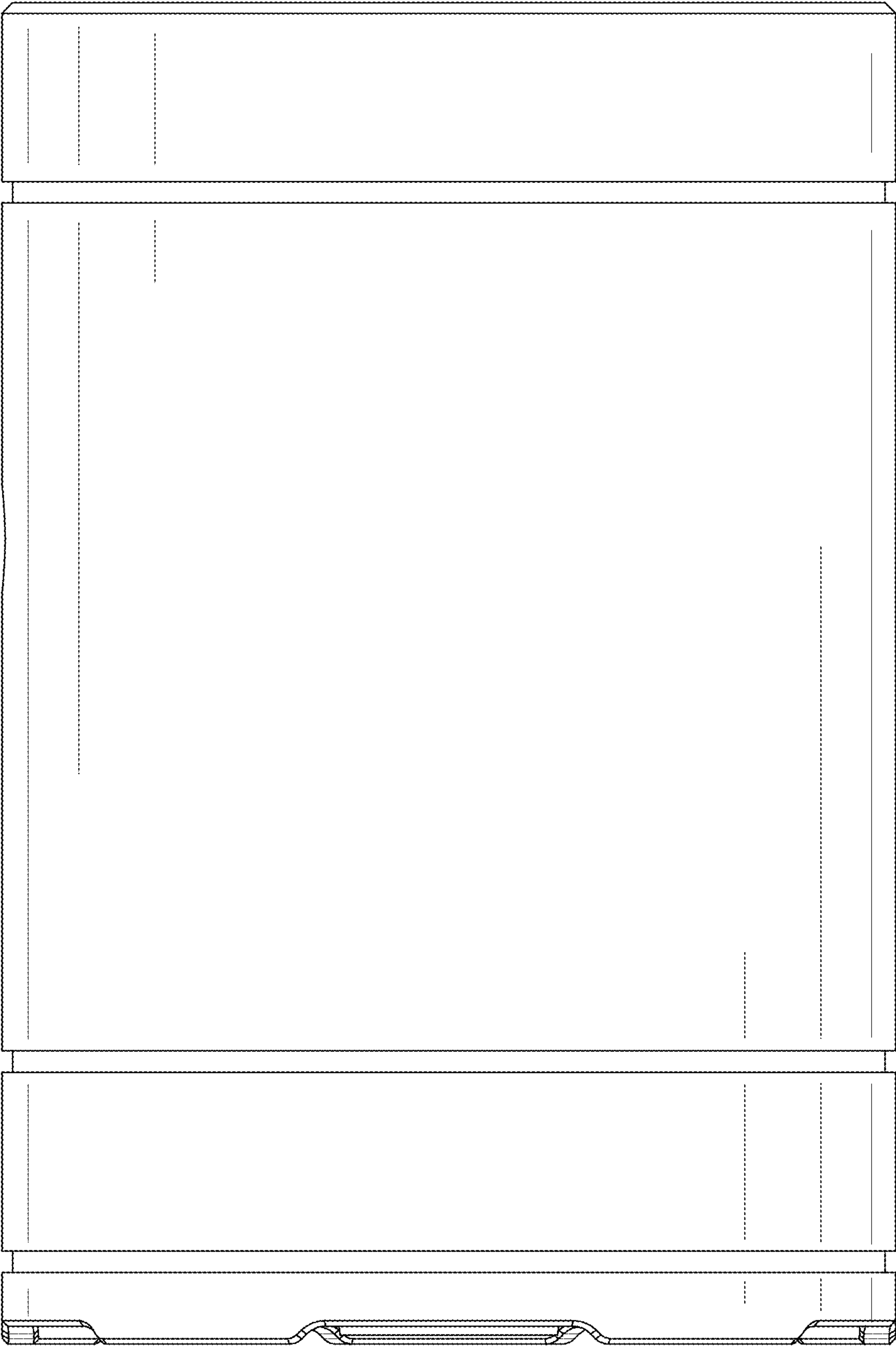


FIG. 6

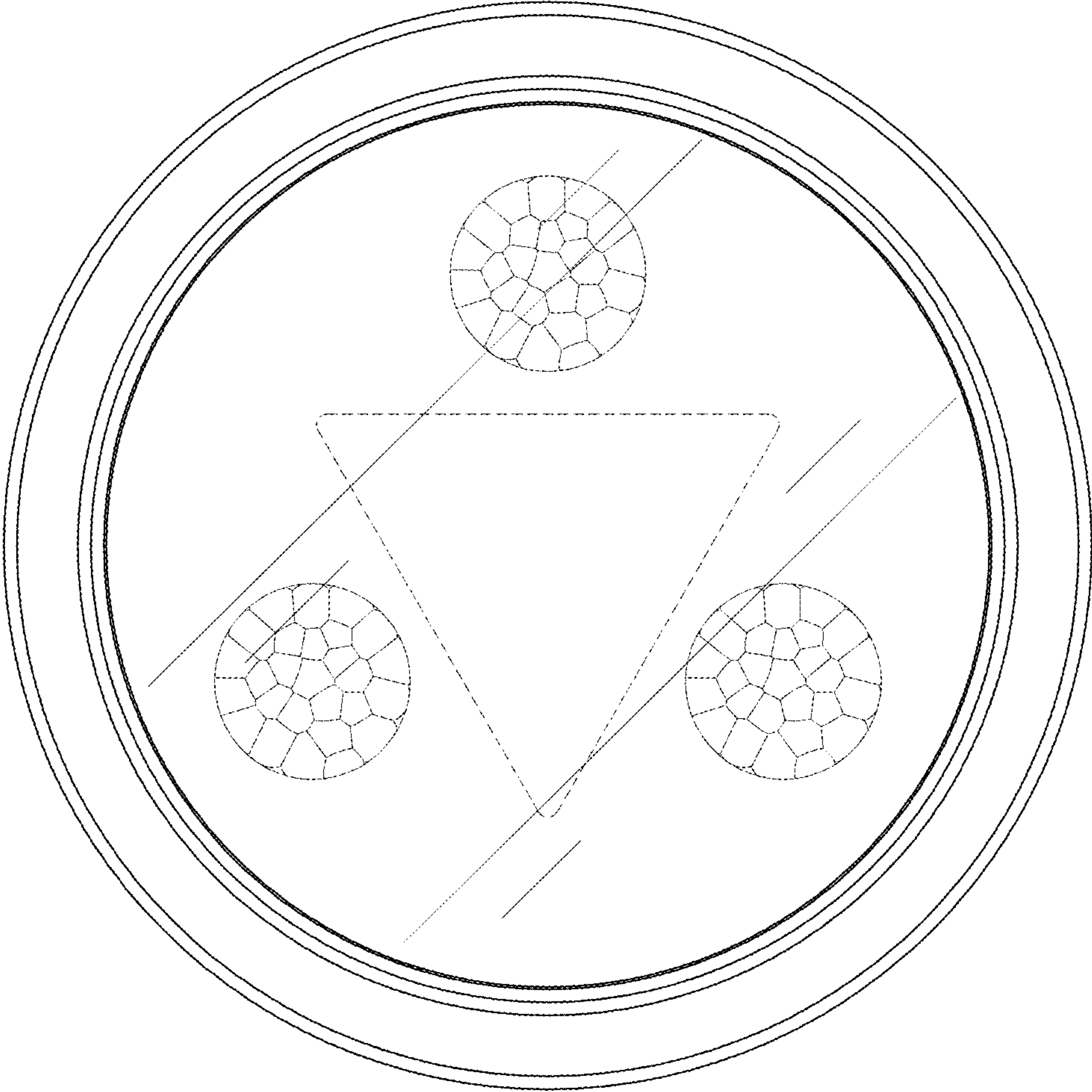


FIG. 7

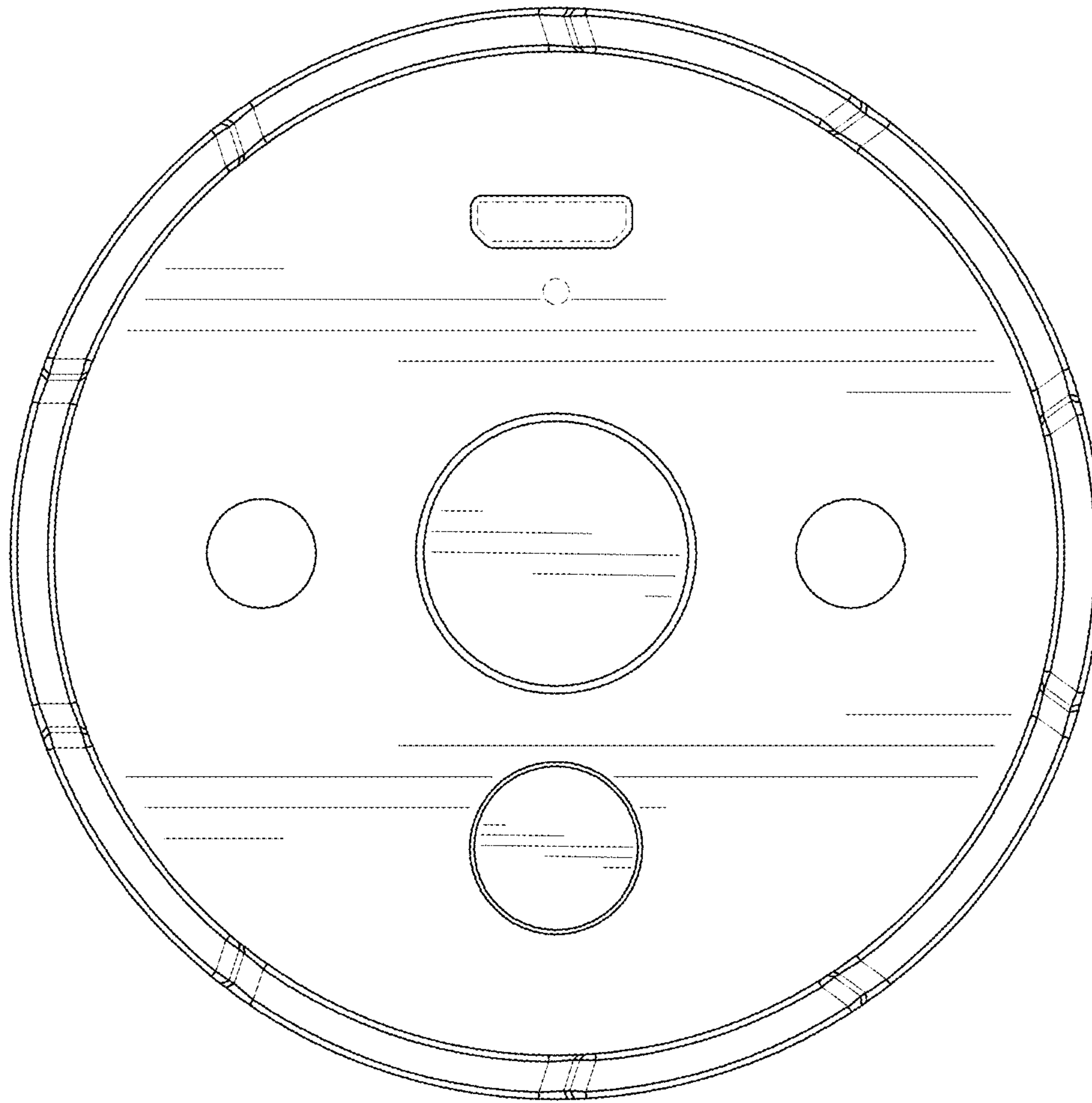


FIG. 8

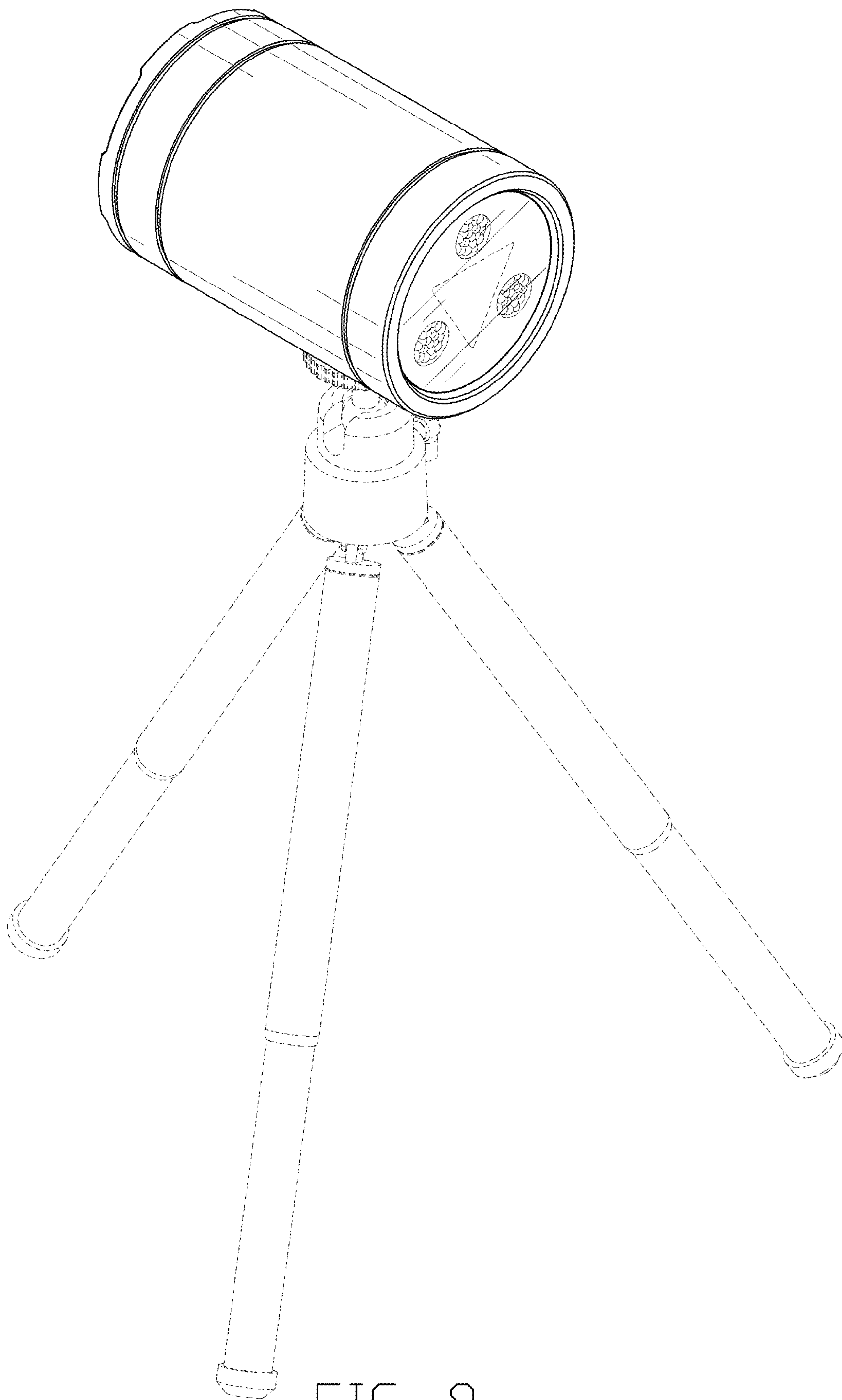


FIG. 9