



US00D912613S

(12) **United States Design Patent** (10) **Patent No.:** **US D912,613 S**
Ouyang (45) **Date of Patent:** **** Mar. 9, 2021**

(54) **BATTERY BOX**

(56) **References Cited**

(71) Applicant: **SHENZHEN IVPS TECHNOLOGY CO., LTD.**, Shenzhen (CN)

U.S. PATENT DOCUMENTS

(72) Inventor: **Junwei Ouyang**, Shenzhen (CN)

D769,520 S *	10/2016	Hua	.....	D27/167
D788,363 S *	5/2017	Chen	.....	D27/163
D788,364 S *	5/2017	Chen	.....	D27/163
D792,642 S *	7/2017	Mendoza	.....	D27/101
D805,028 S *	12/2017	Liu	.....	D13/103
D805,470 S *	12/2017	Qiu	.....	D13/103
D806,311 S *	12/2017	Smith	.....	D27/162
D807,286 S *	1/2018	Qiu	.....	D13/103
D808,073 S *	1/2018	Leidel	.....	D27/162
D818,946 S *	5/2018	Liu	.....	D13/103
D819,880 S *	6/2018	Qiu	.....	D27/101
D821,639 S *	6/2018	Dai	.....	D27/162
D828,953 S *	9/2018	Chen	.....	D27/167
D829,982 S *	10/2018	Wang	.....	D27/167
D842,237 S *	3/2019	Qiu	.....	D13/103

(73) Assignee: **Shenzhen IVPS Technology Co. Ltd.**, Guangdong (CN)

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

(21) Appl. No.: **29/658,636**

(22) Filed: **Aug. 1, 2018**

(Continued)

(30) **Foreign Application Priority Data**

Primary Examiner — Catherine S Posthauer

Apr. 23, 2018 (CN) 201830168619.2

Assistant Examiner — Alison M Ofstun

(74) *Attorney, Agent, or Firm* — IP-Pal Patent US; Klaus Michael Schmid

(51) **LOC (13) Cl.** **13-02**

(52) **U.S. Cl.**
USPC **D13/103; D27/101**

(57) **CLAIM**

(58) **Field of Classification Search**

USPC D27/101, 160, 161, 163, 167, 141, 154, D27/189, 194; D13/102–110, 118–119, D13/184, 199; D14/456, 432

CPC . A24F 7/00; Y02E 60/10; Y02E 60/12; Y02E 60/122; Y02E 60/124; Y02E 60/50; H01M 2/02; H01M 2/022; H01M 2/0202; H01M 2/0207; H01M 2/0212; H01M 2/1061; H01M 2/1022; H01M 2/1055; H01M 2/1066; H01M 2/105; H01M 2/20; H01M 2/202; H01M 2/204; H01M 2/206; H01M 10/44; H01M 10/46; H01M 10/465; H01M 10/482; H01M 2200/30; H01M 2250/30; H01M 2250/40; H02J 7/00; H02J 7/0003; H02J 7/0011; H02J 7/0013; H02J 7/0054; H02J 7/0055; H02J 7/0057; H02J 2007/0062

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

DESCRIPTION

FIG. 1 is a front, bottom perspective view of a battery box showing my new design;

FIG. 2 is a rear view thereof;

FIG. 3 is a front view thereof;

FIG. 4 is a top view thereof;

FIG. 5 is a bottom view thereof;

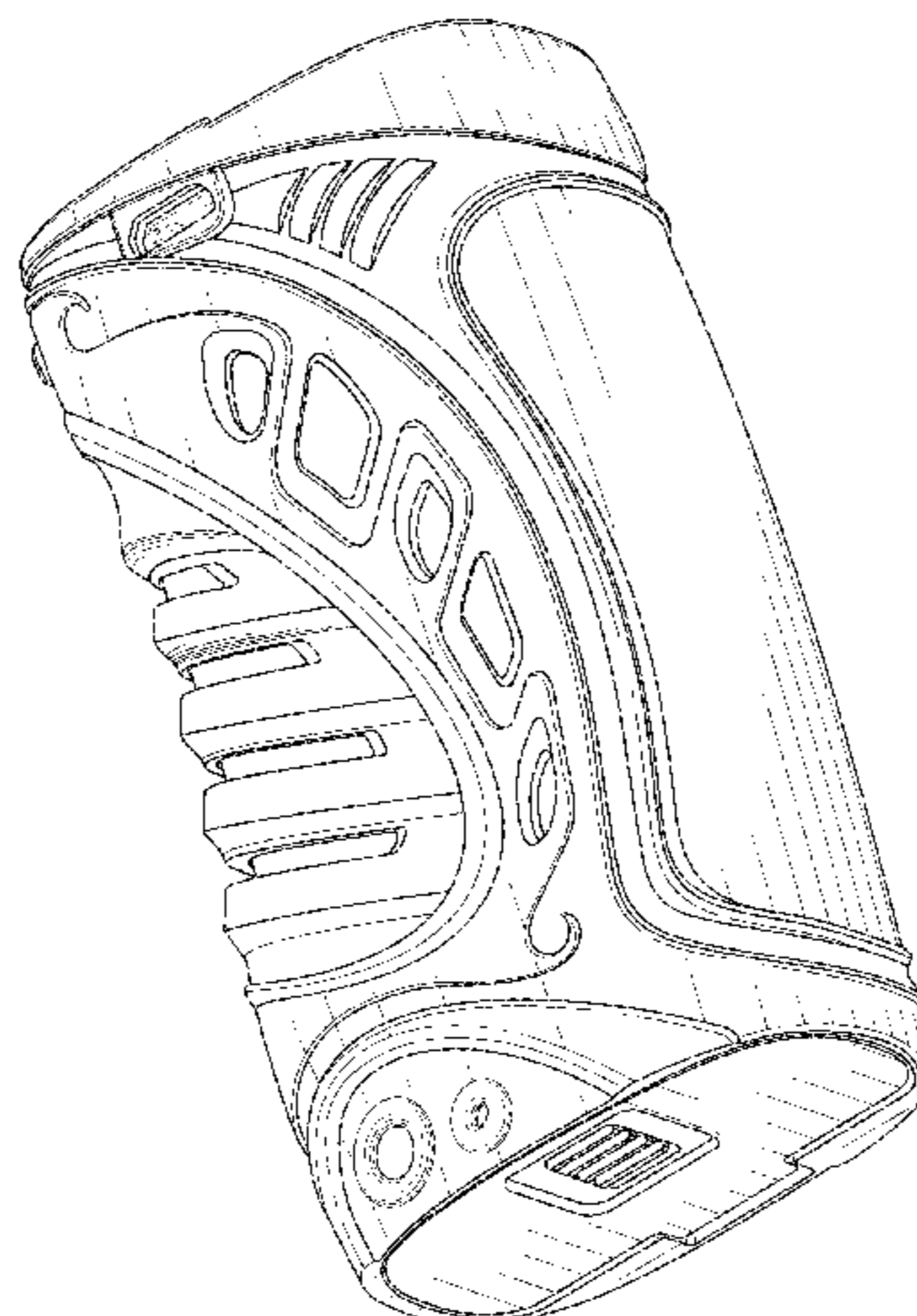
FIG. 6 is a left side view thereof;

FIG. 7 is a right side view thereof; and,

FIG. 8 is a rear, top perspective view thereof.

See application file for complete search history.

(Continued)



The broken lines in the drawings are for the purpose of illustrating portions of the battery box that form no part of the claimed design.

1 Claim, 8 Drawing Sheets

(56) **References Cited**

U.S. PATENT DOCUMENTS

D842,238	S	*	3/2019	Qiu	.....	D13/103
D842,243	S	*	3/2019	Qiu	.....	D13/108
D861,594	S	*	10/2019	Lai	.....	D13/103
D869,086	S	*	12/2019	Pan	.....	D27/162
2018/0166238	A1	*	6/2018	Chen	.....	H01M 2/1022
2019/0133184	A1	*	5/2019	Chen	.....	A24F 47/008
2020/0008467	A1	*	1/2020	Ouyang	.....	A24F 47/008

* cited by examiner

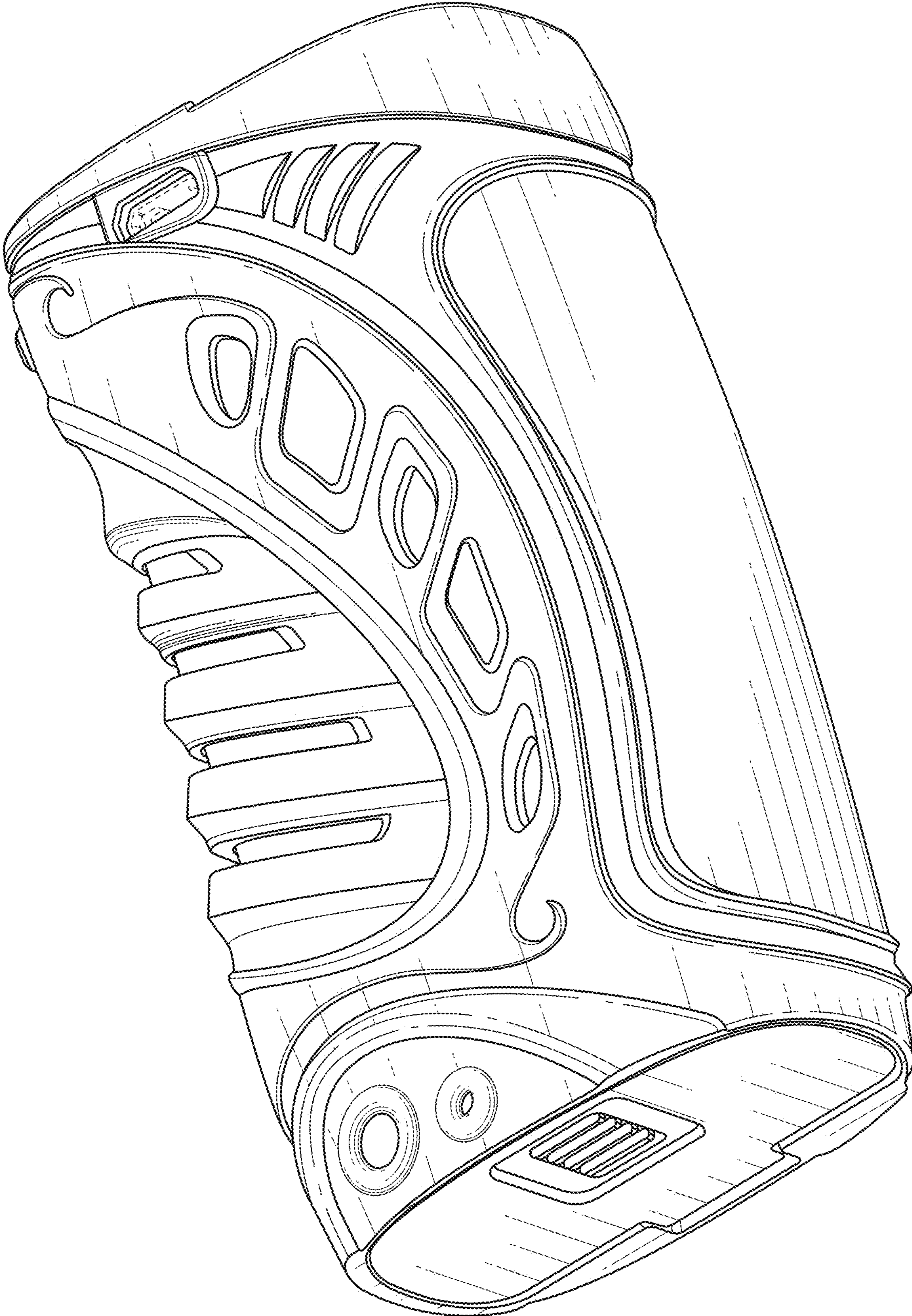


FIG. 1

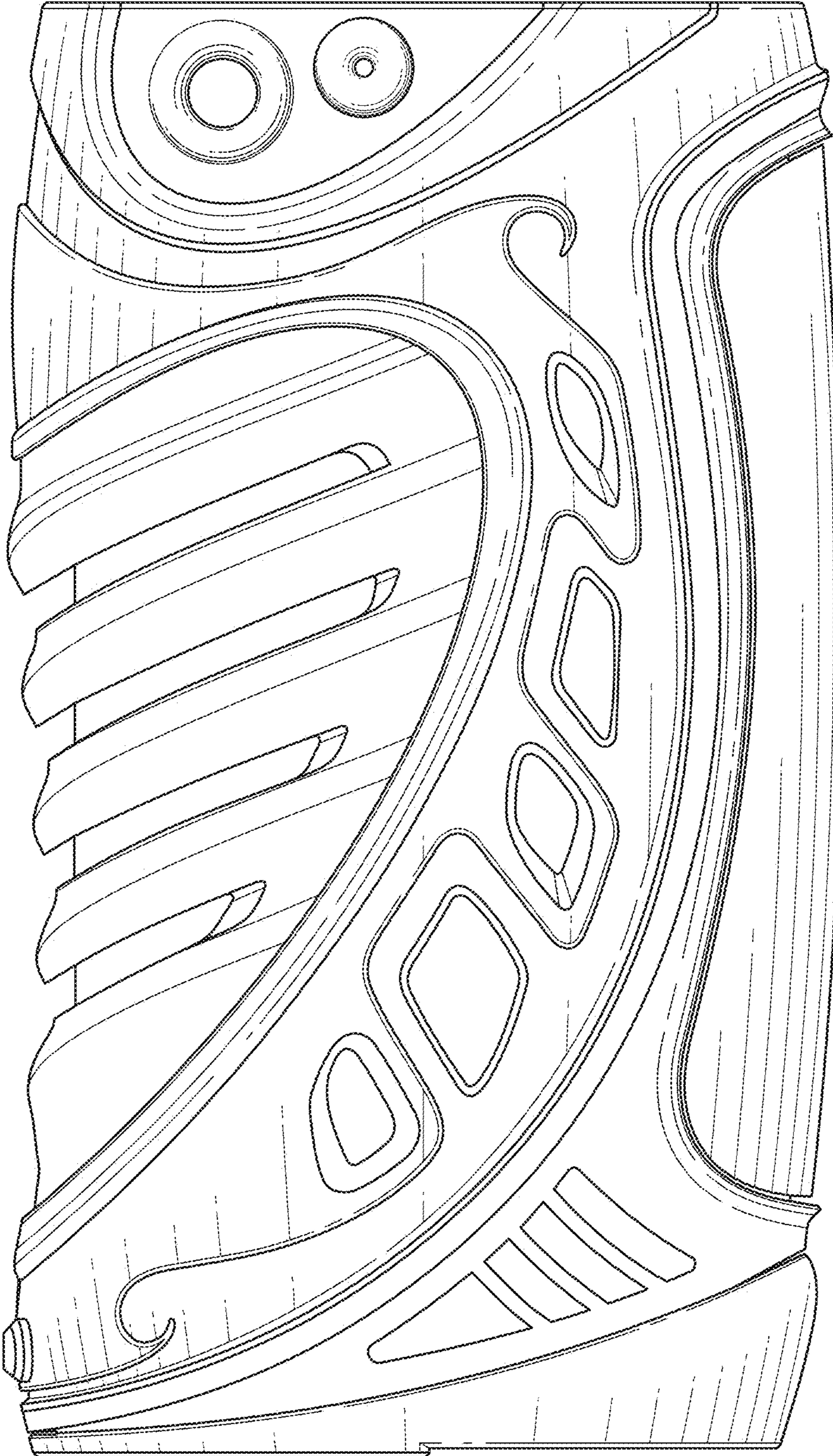


FIG. 2

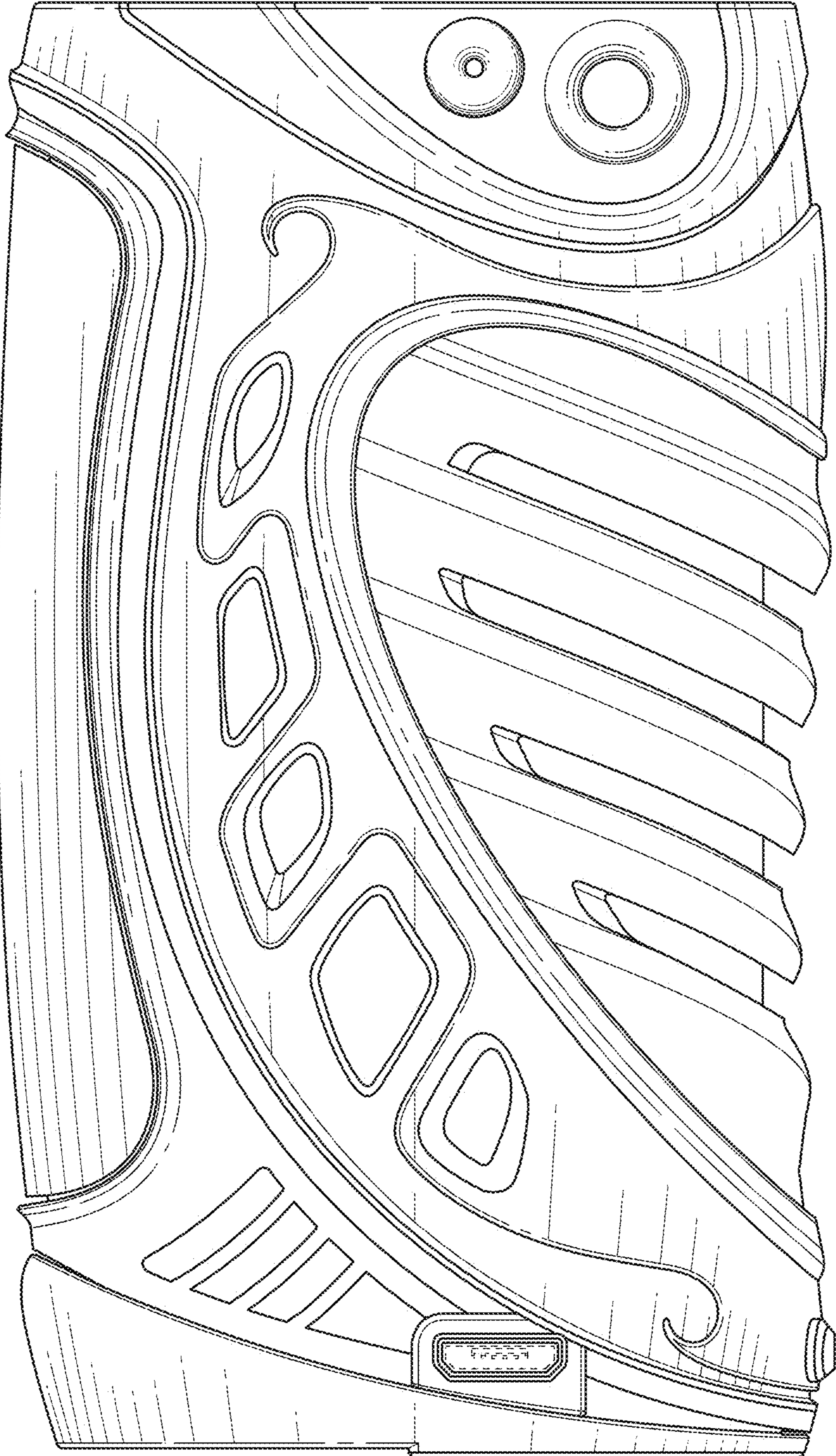


FIG. 3

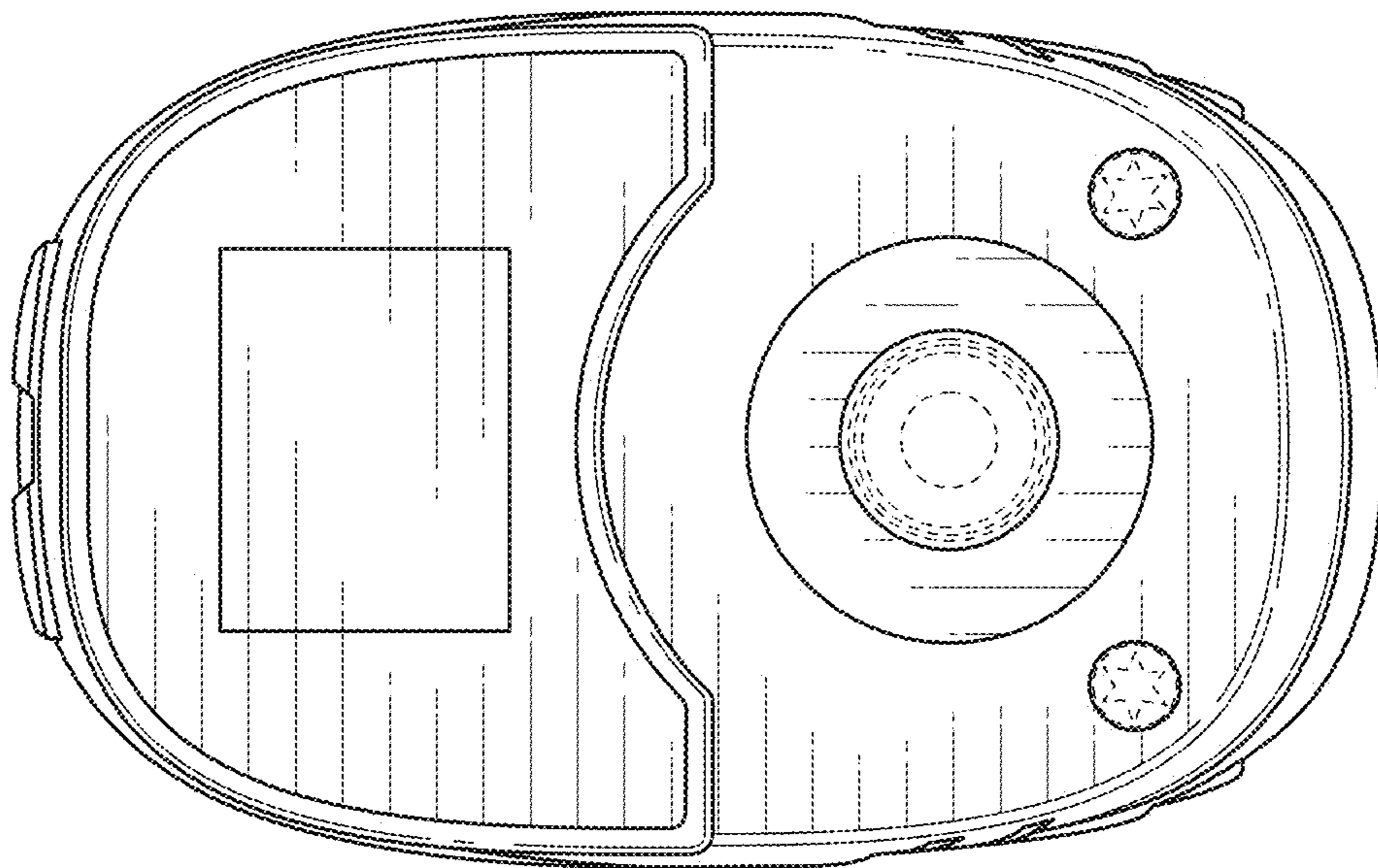


FIG. 4

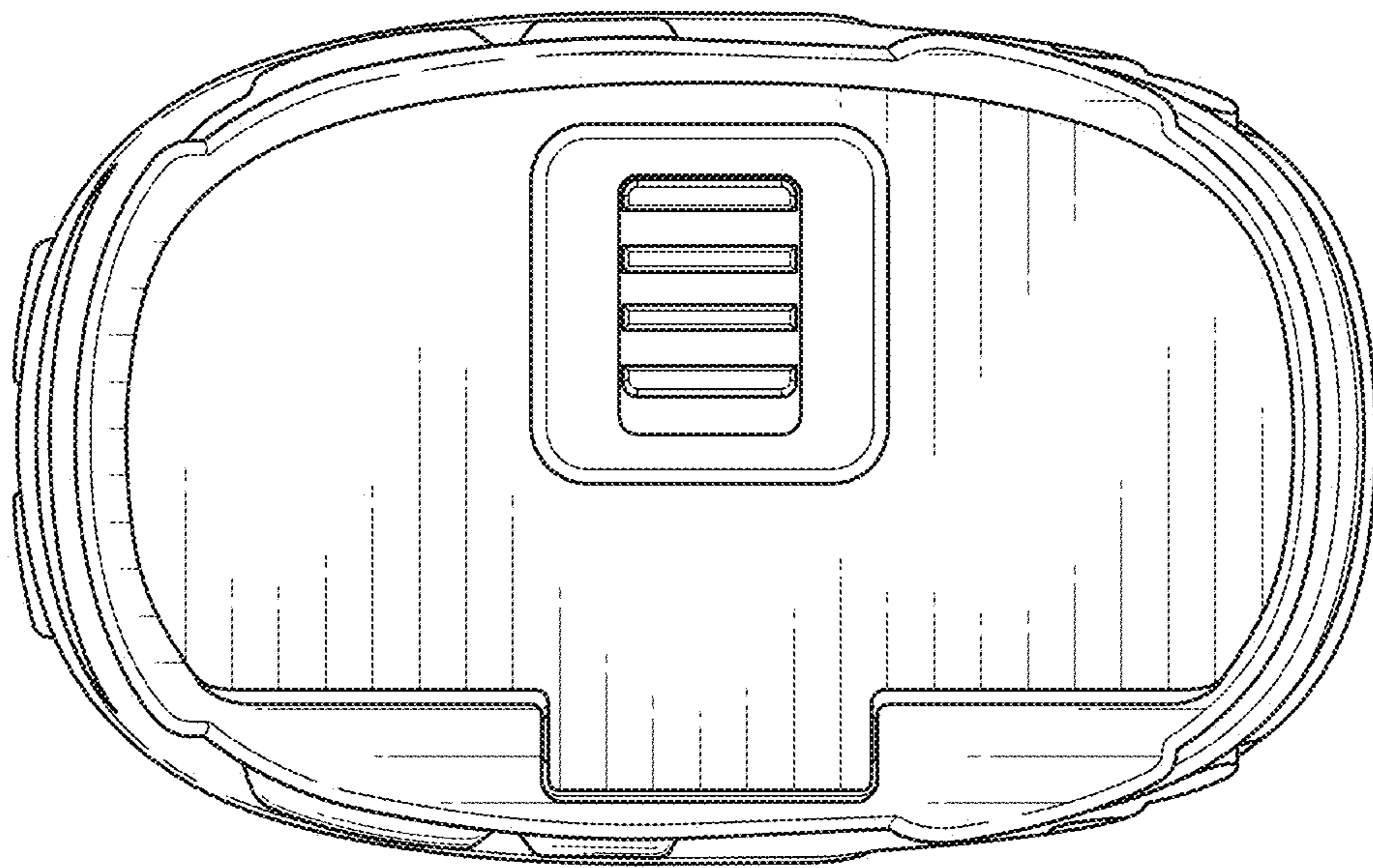


FIG. 5



FIG. 6

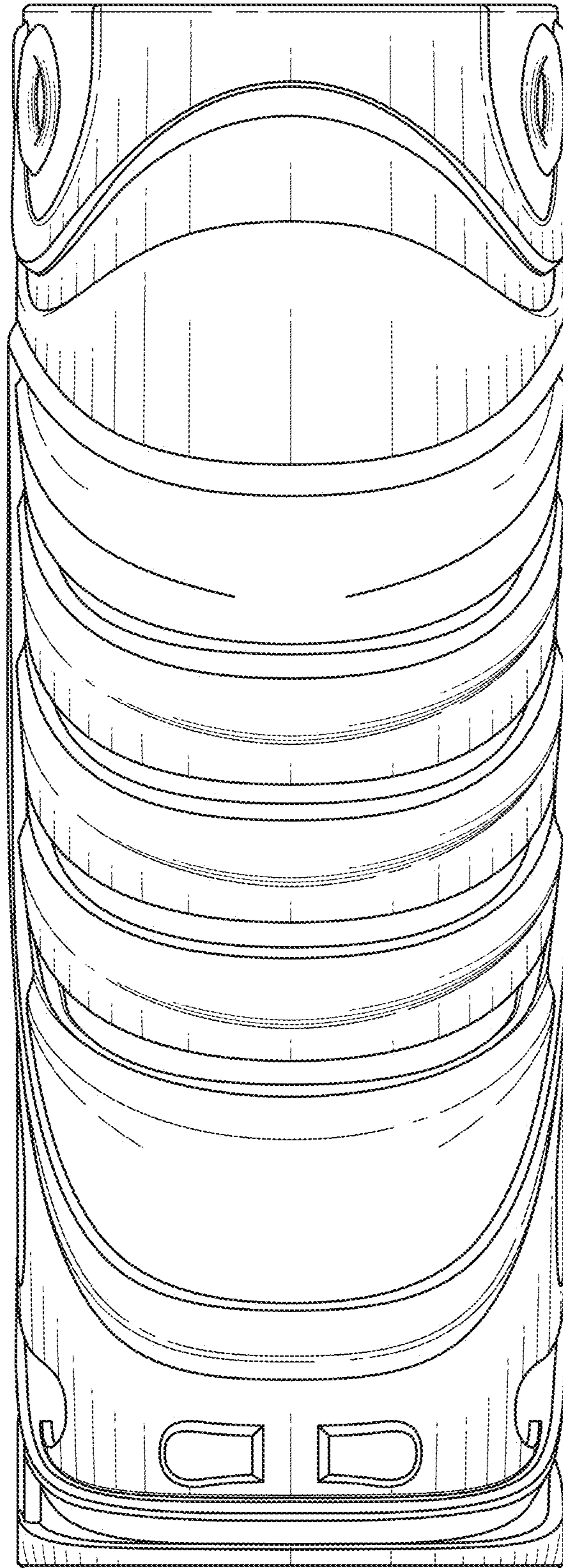


FIG. 7

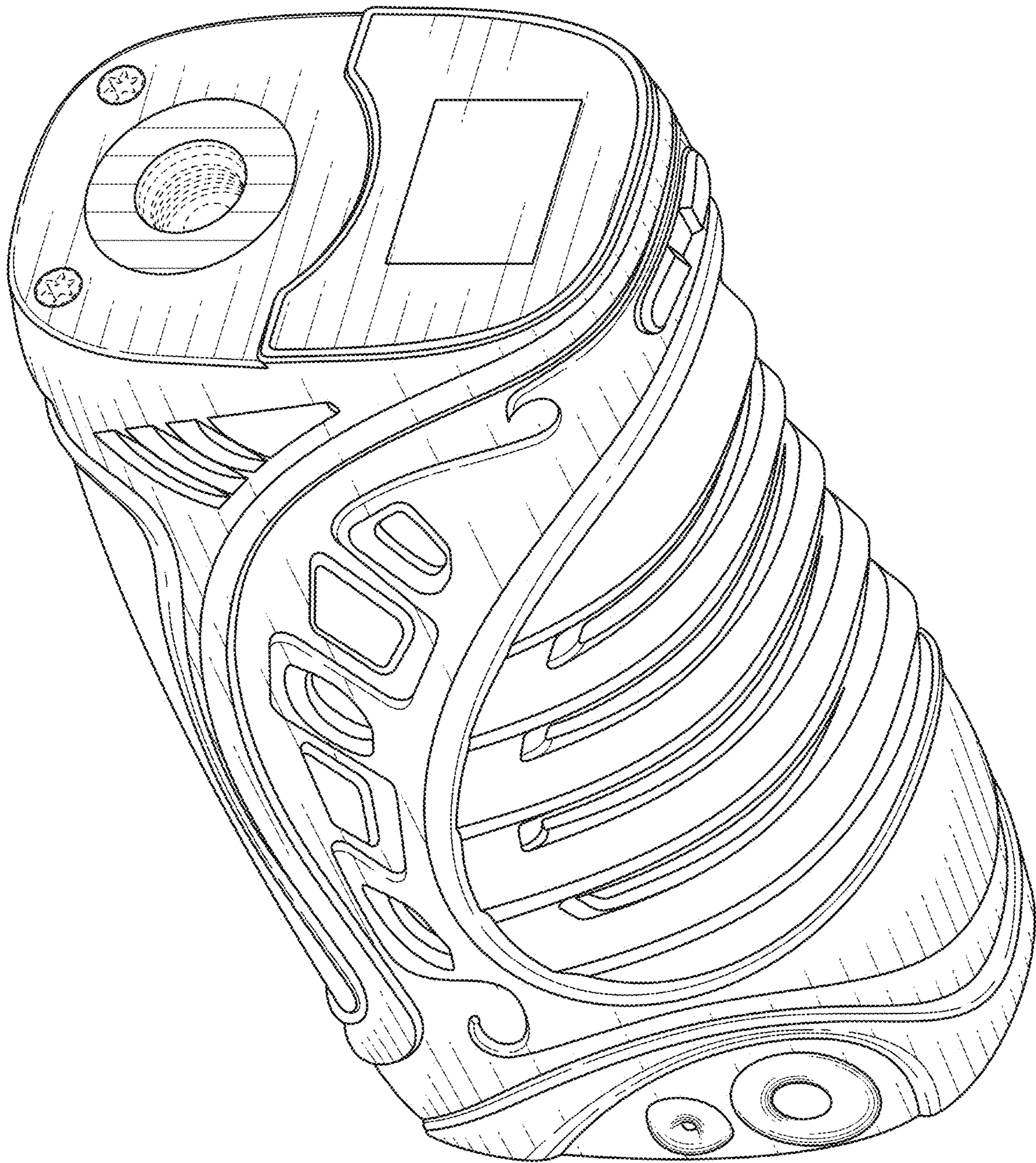


FIG. 8