



US00D942376S

(12) **United States Design Patent** (10) **Patent No.:** **US D942,376 S**  
**Chung** (45) **Date of Patent:** **\*\* Feb. 1, 2022**

(54) **JUMP STARTER**

(71) Applicant: **Sau Hin Chung**, Kowloon (HK)

(72) Inventor: **Sau Hin Chung**, Kowloon (HK)

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

(21) Appl. No.: **29/711,622**

(22) Filed: **Nov. 1, 2019**

(51) **LOC (13) Cl.** ..... **03-02**

(52) **U.S. Cl.**  
USPC ..... **D13/107**

(58) **Field of Classification Search**  
USPC ..... D13/103, 199, 107, 108, 110, 184, 104,  
D13/105, 106, 118, 119, 123, 133;  
D15/9; D14/432, 434  
CPC ..... H02J 1/122; H02J 7/0045; H02J 7/0078;  
H02J 7/00714; H02J 7/00716; H02J  
7/0025; H02J 7/0027; H02J 7/14; H02J  
7/1461; H02M 7/003; H02M 7/42  
See application file for complete search history.

(56) **References Cited**

**U.S. PATENT DOCUMENTS**

D617,267 S *	6/2010	Li	.....	D13/107
D624,013 S *	9/2010	Lingott	.....	D13/107
D624,014 S *	9/2010	Lingott	.....	D13/107
D653,612 S *	2/2012	DuMelle	.....	D13/107
D654,854 S *	2/2012	Inskeep	.....	D13/107
D681,550 S *	5/2013	Corbin	.....	D13/103
D701,490 S *	3/2014	Inskeep	.....	D13/110
D742,822 S *	11/2015	Ju	.....	D13/108
D758,962 S *	6/2016	Lebel	.....	D13/103
D761,200 S *	7/2016	Inskeep	.....	D13/107
D765,025 S *	8/2016	Lebel	.....	D13/103
D786,192 S *	5/2017	Liu	.....	D13/107
D803,151 S *	11/2017	Zhou	.....	D13/107
D809,454 S *	2/2018	Zhou	.....	D13/103
D811,456 S *	2/2018	Dekker	.....	D15/144
D812,119 S *	3/2018	Dekker	.....	D15/144
D813,162 S *	3/2018	Krantz	.....	D13/110
D814,406 S *	4/2018	Yang	.....	D13/107

D814,408 S *	4/2018	Yang	.....	D13/107
D832,781 S *	11/2018	Nook	.....	D13/107
D845,229 S *	4/2019	Chen	.....	D13/103
D851,586 S *	6/2019	Liu	.....	D13/108
D872,011 S *	1/2020	Rao	.....	D13/107

(Continued)

**FOREIGN PATENT DOCUMENTS**

CN	304851453	*	10/2018
JP	D1629561	*	4/2019

**OTHER PUBLICATIONS**

“Solar Charger, Ryoko 20000mAh Solar Phone Charger Power Bank with Dual USB Output and LED Flashlights, Portable IPX4 Waterproof Solar Pannel External Battery Packs for Outdoor Camping Travel.” first available Dec. 29, 2020. Amazon.com [https://www.amazon.com/Ryoko-20000mAh-Flashlights-Portable-Waterproof/dp/B08RHY355S/ref=sr\_1\_33?dchild=1&keywords=Power+Bank&qid=1%E2%80%A6 (Year: 2020).\*

*Primary Examiner* — Rosemary K Tarcza  
*Assistant Examiner* — Seth David Kumpf  
(74) *Attorney, Agent, or Firm* — W&KIP

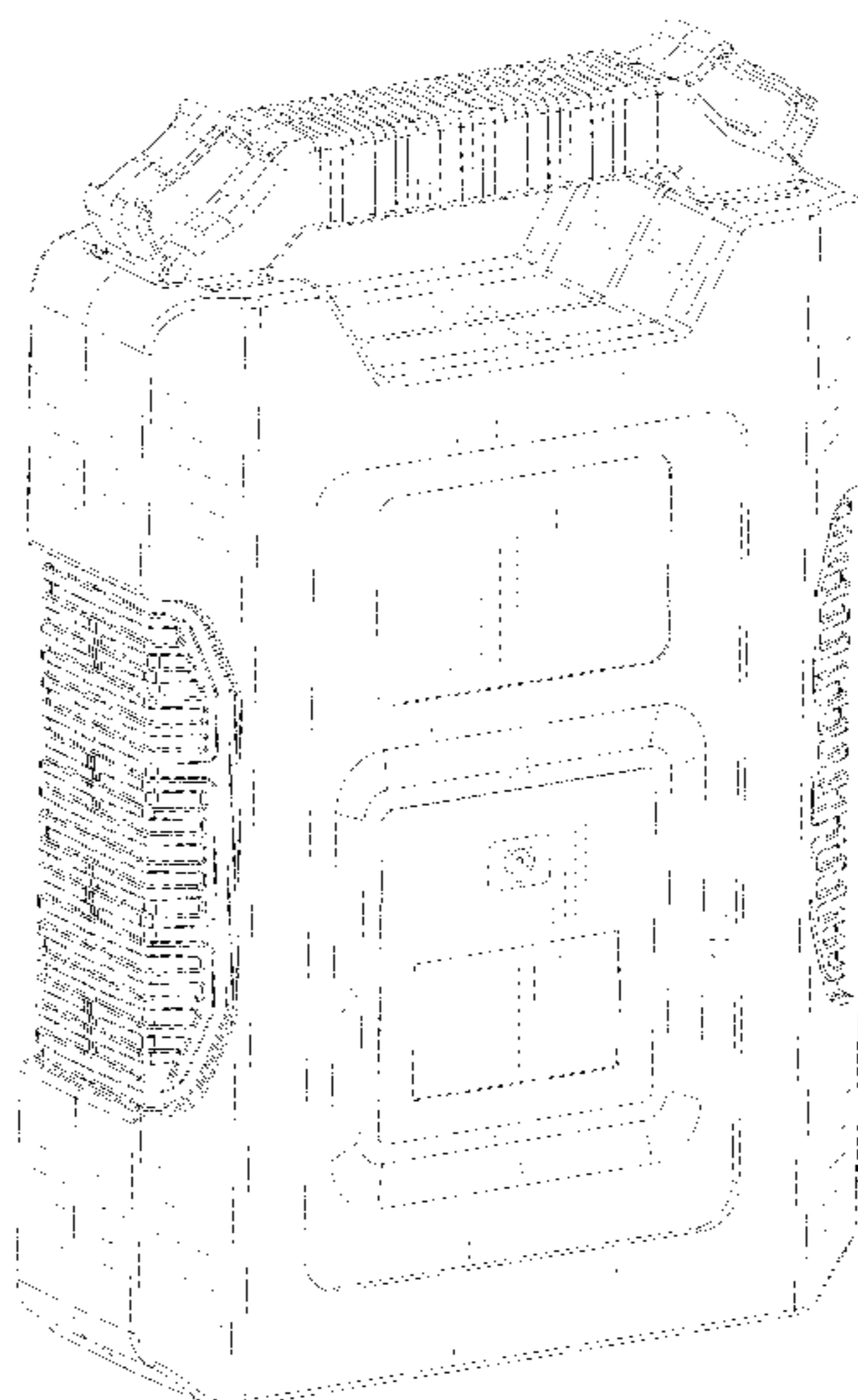
(57) **CLAIM**

The ornamental design for a jump starter, as shown and described.

**DESCRIPTION**

FIG. 1 is a perspective view of a jump starter showing my new design;  
FIG. 2 is a front view thereof;  
FIG. 3 is a rear view thereof;  
FIG. 4 is a left view thereof;  
FIG. 5 is a right view thereof;  
FIG. 6 is a top plan view thereof; and,  
FIG. 7 is a bottom plan view thereof.  
The broken lines show portions of the article which form no part of the claimed design.

**1 Claim, 7 Drawing Sheets**



(56)

**References Cited**

U.S. PATENT DOCUMENTS

D872,012 S \* 1/2020 Rao ..... D13/107  
D872,686 S \* 1/2020 E ..... H02J 7/0044  
D13/103  
2018/0166897 A1\* 6/2018 Deng ..... H02J 7/0044

\* cited by examiner

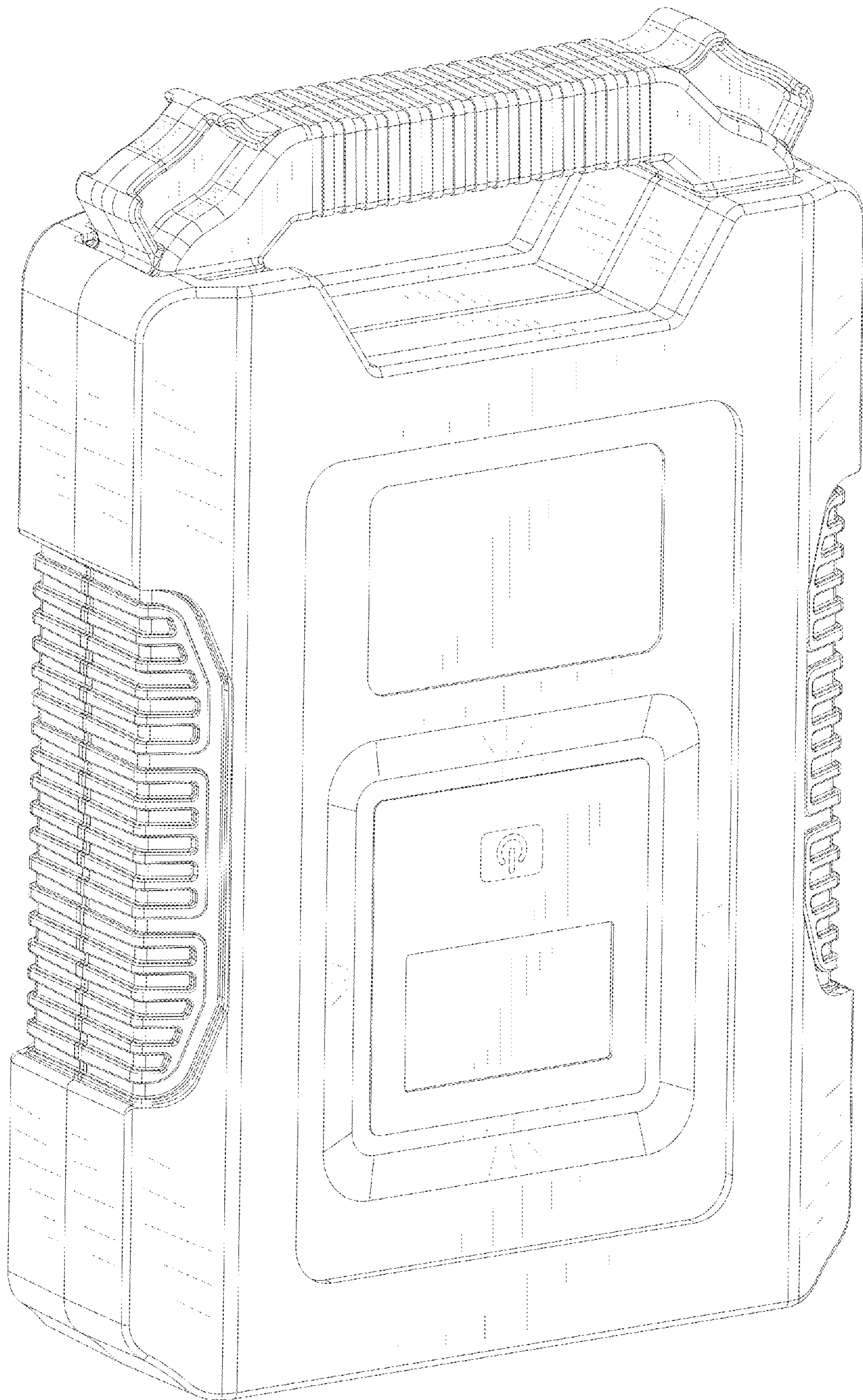


FIG. 1

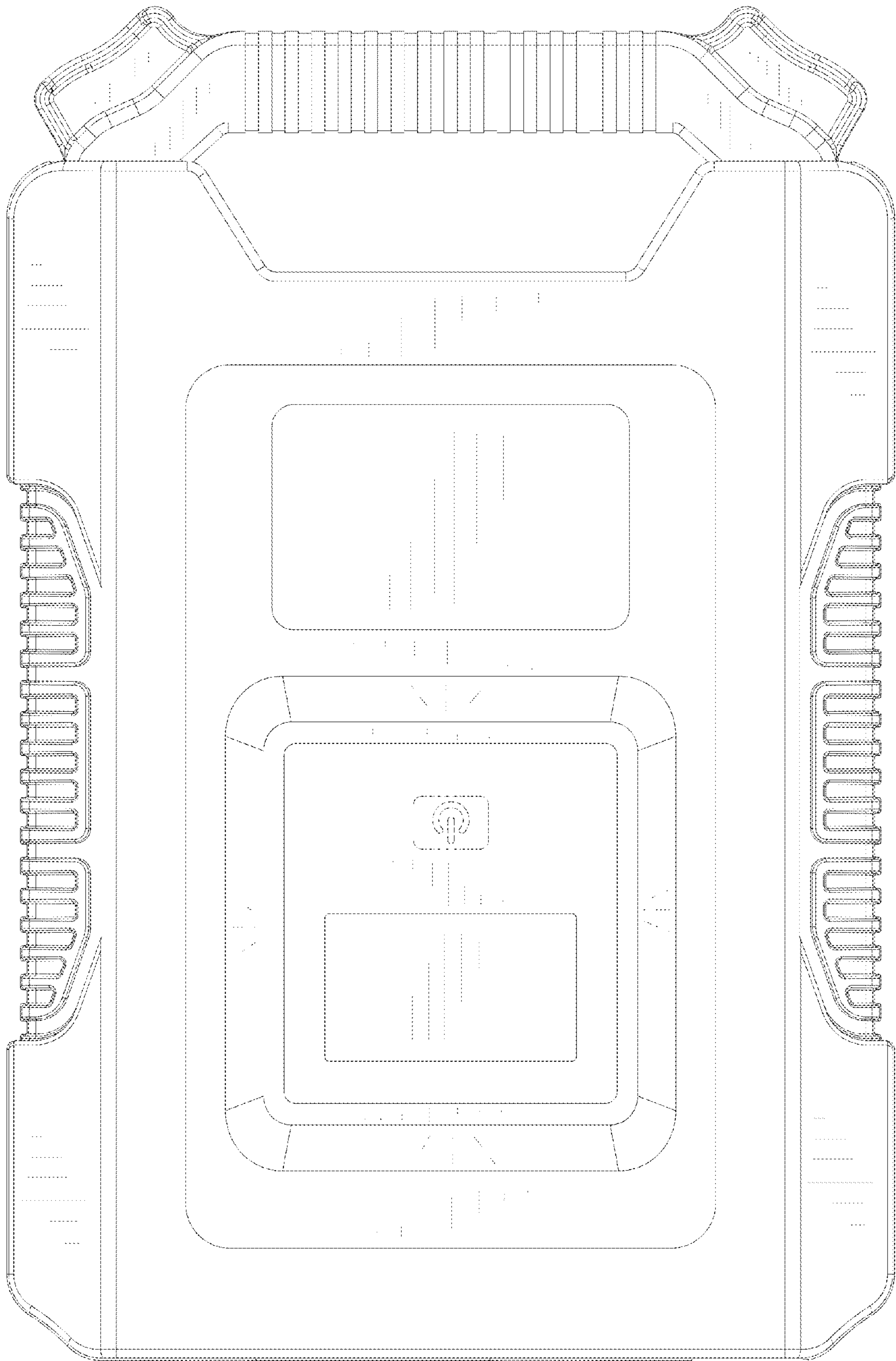


FIG. 2

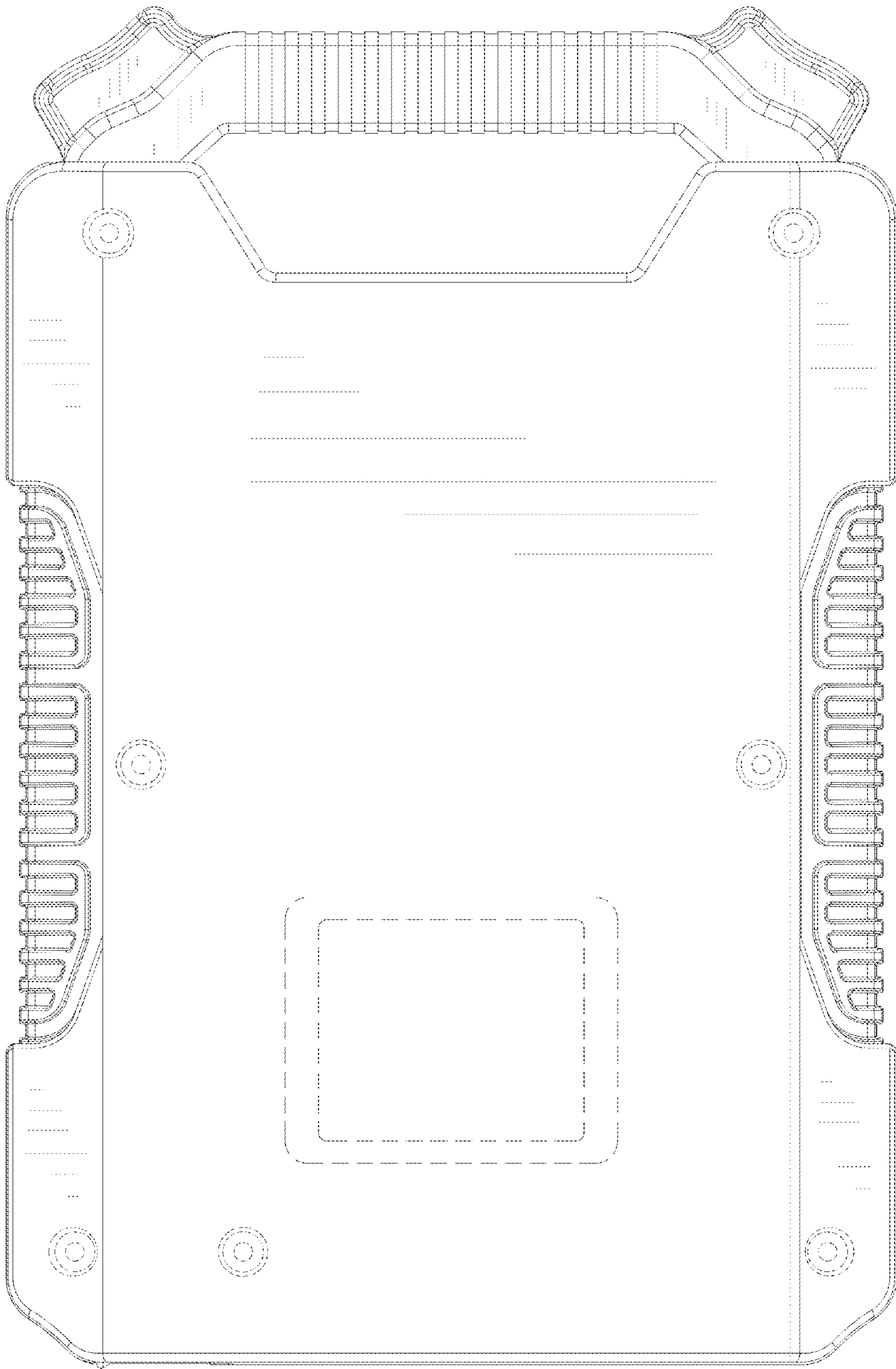


FIG. 3

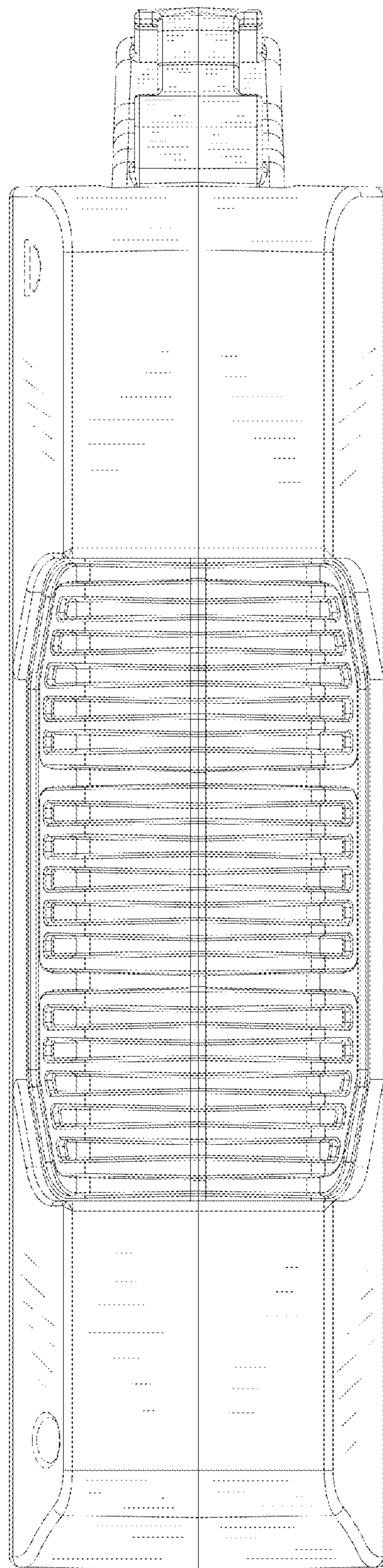


FIG. 4

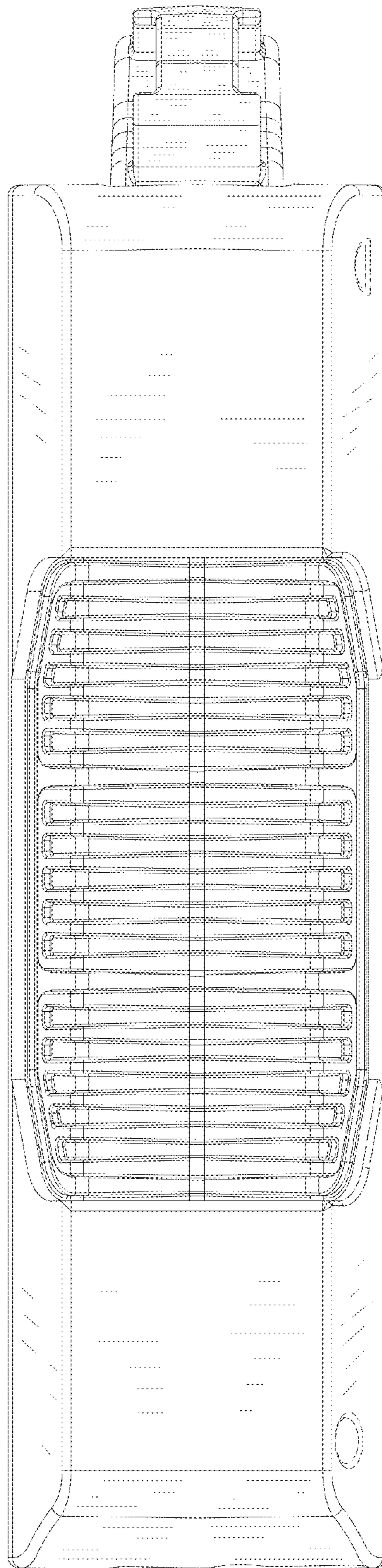


FIG. 5

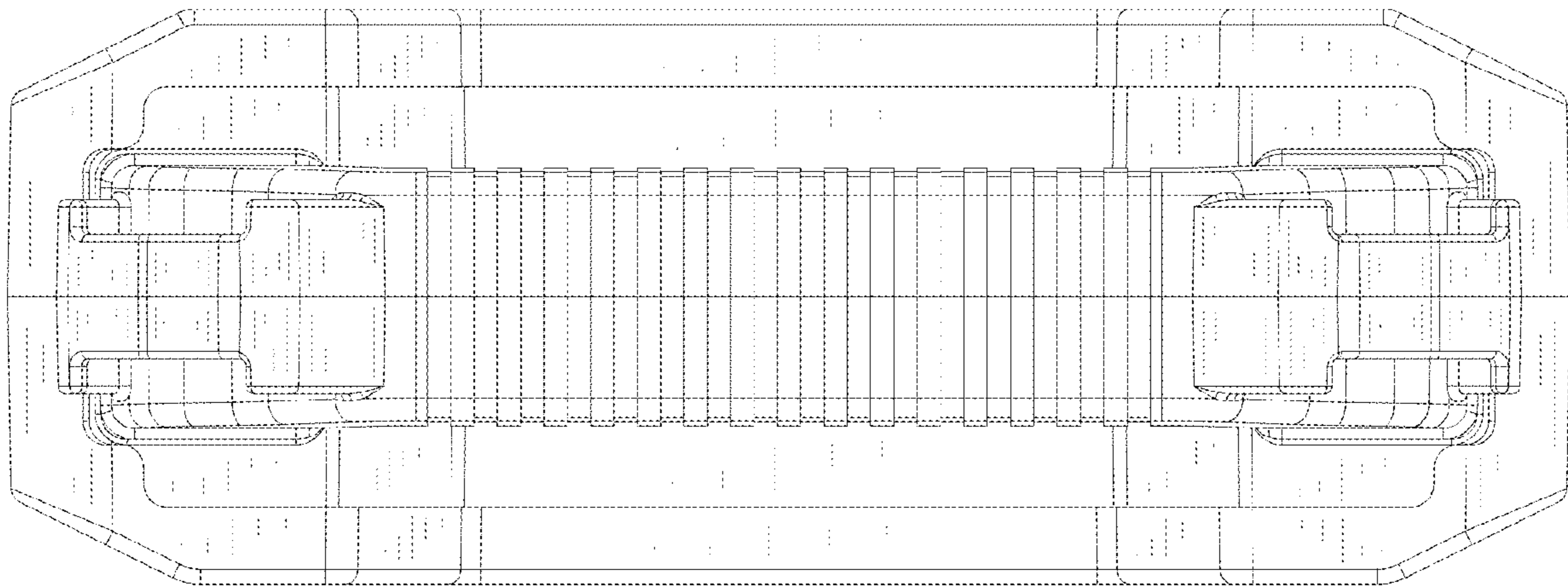


FIG. 6



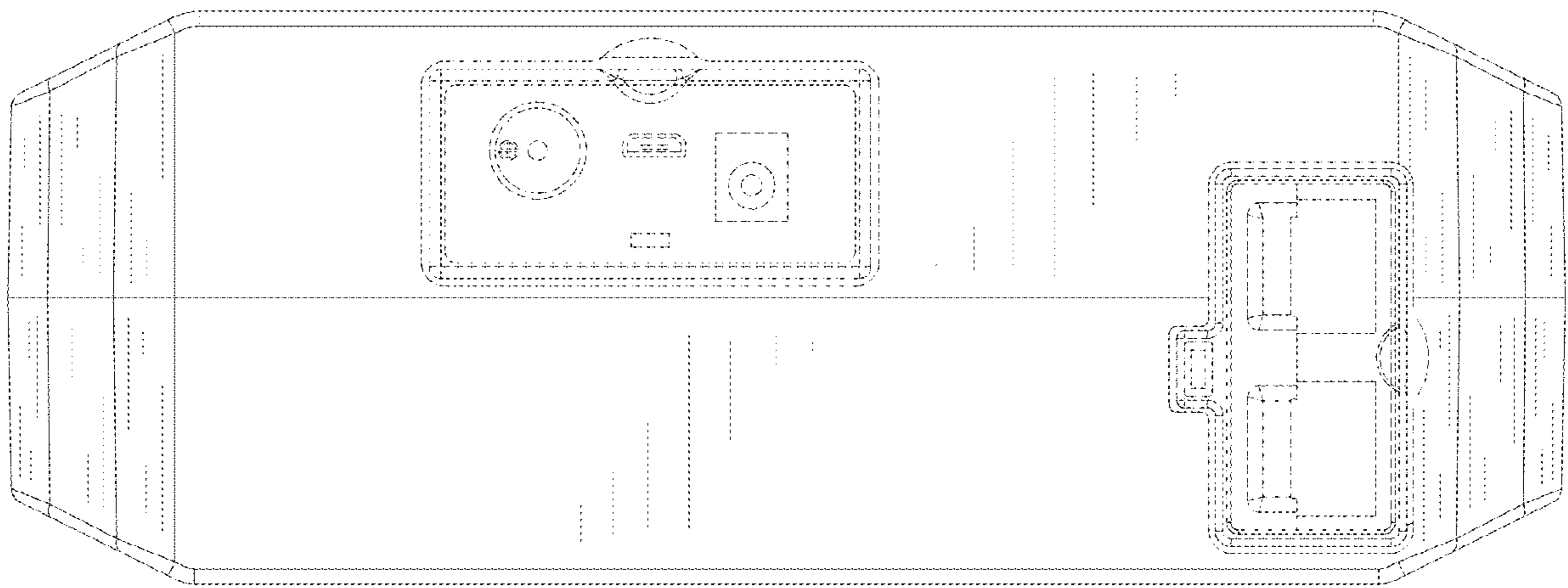


FIG. 7