

US00D942928S

(12) **United States Design Patent** (10) **Patent No.:** **US D942,928 S**
Yi (45) **Date of Patent:** **** Feb. 8, 2022**

(54) **BATTERY**
(71) Applicant: **Jinyun Reypu Electronic Technology Co., Ltd., Lishui (CN)**
(72) Inventor: **Dongdong Yi, Lishui (CN)**
(73) Assignee: **Jinyun Reypu Electronic Technology Co., Ltd., Lishui (CN)**

(**) Term: **15 Years**
(21) Appl. No.: **29/652,119**
(22) Filed: **May 14, 2020**

(30) **Foreign Application Priority Data**
Mar. 23, 2020 (CN) 202030100486.2
(51) **LOC (13) Cl.** **13-02**
(52) **U.S. Cl.**
USPC **D13/103**
(58) **Field of Classification Search**
USPC D13/101, 102, 103, 107, 108, 110, 184, D13/199
CPC H01L 31/00; H01L 31/042; H01L 31/045; H01L 31/048; H01L 31/052; H01L 31/465; H02S 30/10; H02S 30/20; Y02E 10/42; Y02E 10/50; Y02E 10/52; Y10S 136/291; Y10S 136/293; H02J 7/008; H02J 7/355
See application file for complete search history.

(56) **References Cited**
U.S. PATENT DOCUMENTS
D769,185 S * 10/2016 Lee D13/108
D770,374 S * 11/2016 He D13/103
D773,389 S * 12/2016 Miller D13/103
D780,113 S * 2/2017 Xianxi D13/103
D810,598 S * 2/2018 Huang D10/80
D816,604 S * 5/2018 Rowe D13/103

D822,593 S * 7/2018 Trongone D13/103
D823,789 S * 7/2018 Yang D13/107
D846,494 S * 4/2019 Takahashi D13/103
D880,422 S * 4/2020 Frigo D13/119
D882,510 S * 4/2020 Theis D13/103
D900,022 S * 10/2020 Bell D13/103
D908,081 S * 1/2021 Huang D13/102

OTHER PUBLICATIONS

Battery. (Design—© Questel) orbit.com. [Online PDF compilation of references selected by examiner] 69 pgs. Print Dates Range Mar. 16, 2021-Dec. 21, 2020 [Retrieved Jul. 29, 2021].*
“NiMH Rechargeable Battery: Rebuild 24V 10Ah (240WH, MH-D50) for Mercaded-Benz Hybrid Electric Bike.” Before Mar. 8, 2013. AA Portable Power Corp. <https://www.batteryspace.com/nimh-battery-pack-rebuild-24v-10ah-rechargeable-battery-for-mercedes-benz-hybrid-electric-bike.aspx>.*

(Continued)

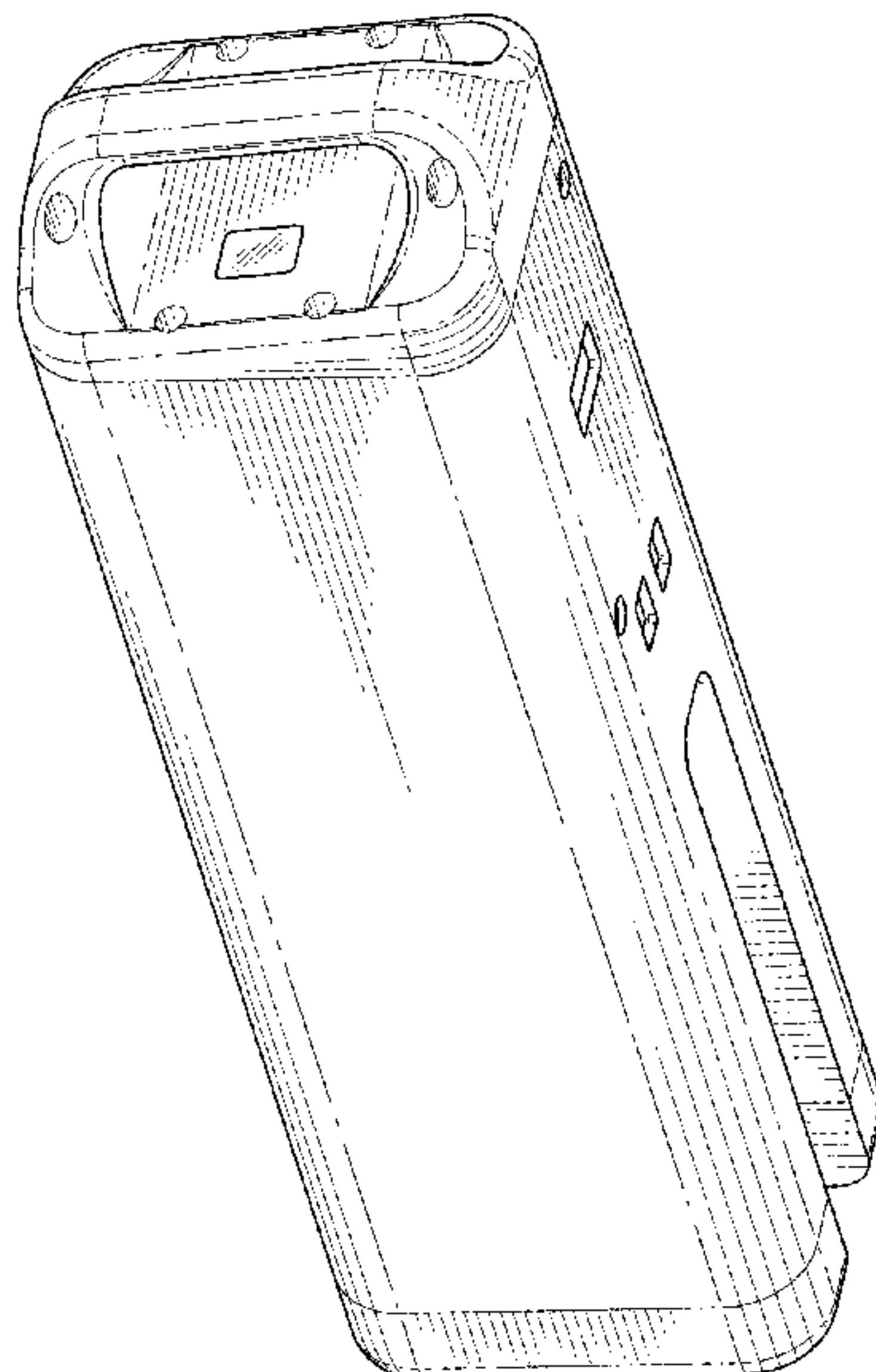
Primary Examiner — Manpreet S Matharu
Assistant Examiner — Suzanne E Tisdell
(74) *Attorney, Agent, or Firm* — Schwegman Lundberg & Woessner, P.A.

(57) **CLAIM**
The ornamental design for a battery, as shown and described.

DESCRIPTION

FIG. 1 is a perspective view of a battery 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 view thereof; and,
FIG. 7 is a bottom view thereof.
The broken line showing of the battery is for the purpose of illustrating portions thereof and form no part of the claimed design.

1 Claim, 6 Drawing Sheets



(56)

References Cited

OTHER PUBLICATIONS

“The battery market for bicycles is also ‘accelerator pedal’ . . . Samsung SDI No. 1 in market share.” Jun. 14, 2019. Yonhap News, <https://www.yna.co.kr/view/AKR20190613142100003>.*

“Joyisi 48V 17.5AH Ebike Battery, Li-ion Bike Battery with Import Cell, Charger, BMS Protection Board and Battery Level Light for 1000W Motor.” Nov. 7, 2019. eBike Canada, <https://ebikecanada.com/joyisi-48v-17-5ah-ebike-battery-li-ion-bike-battery-with-import-cell-charger-bms-protection-board-and-battery-level>.*

* cited by examiner

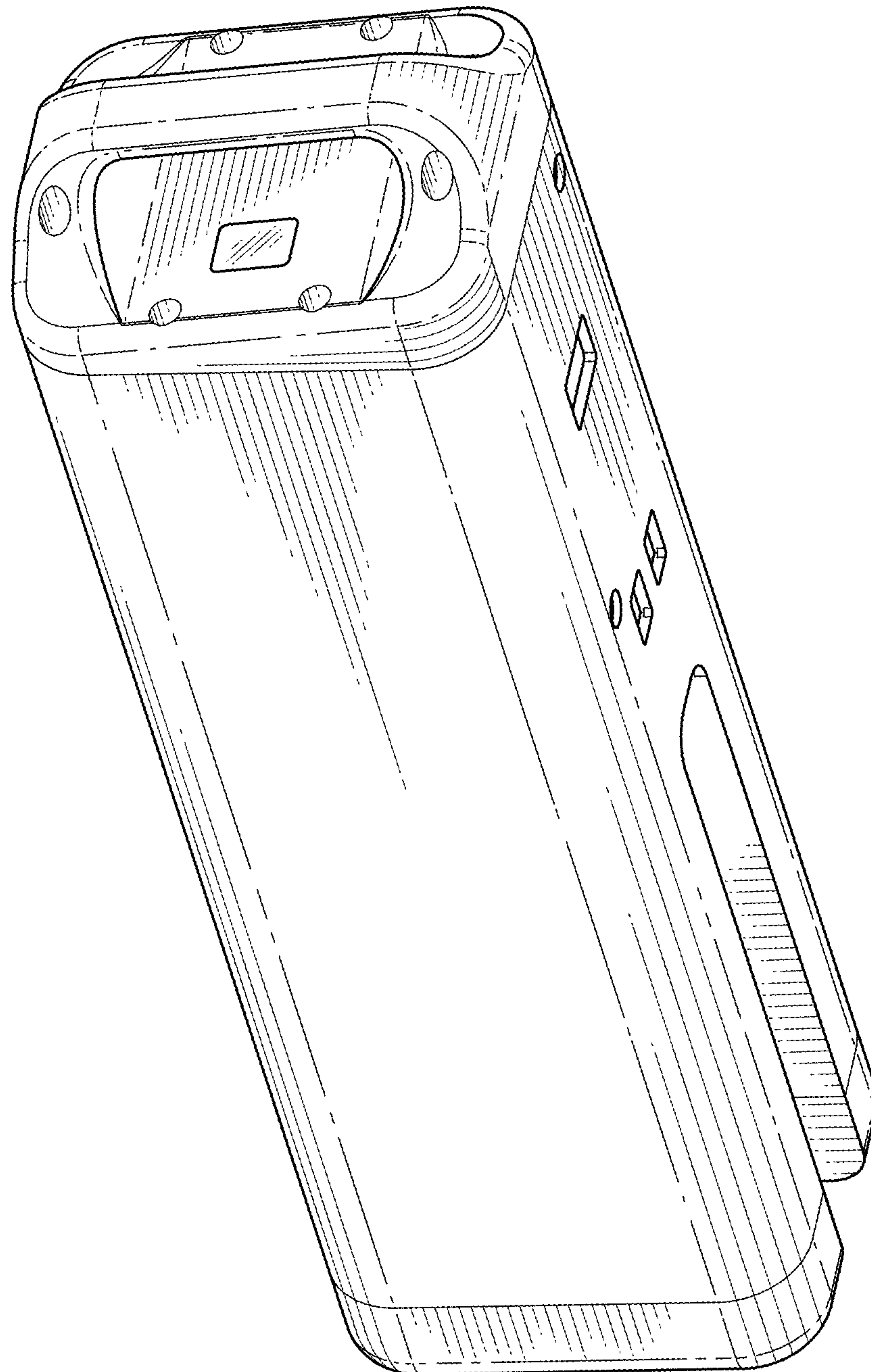


FIG. 1

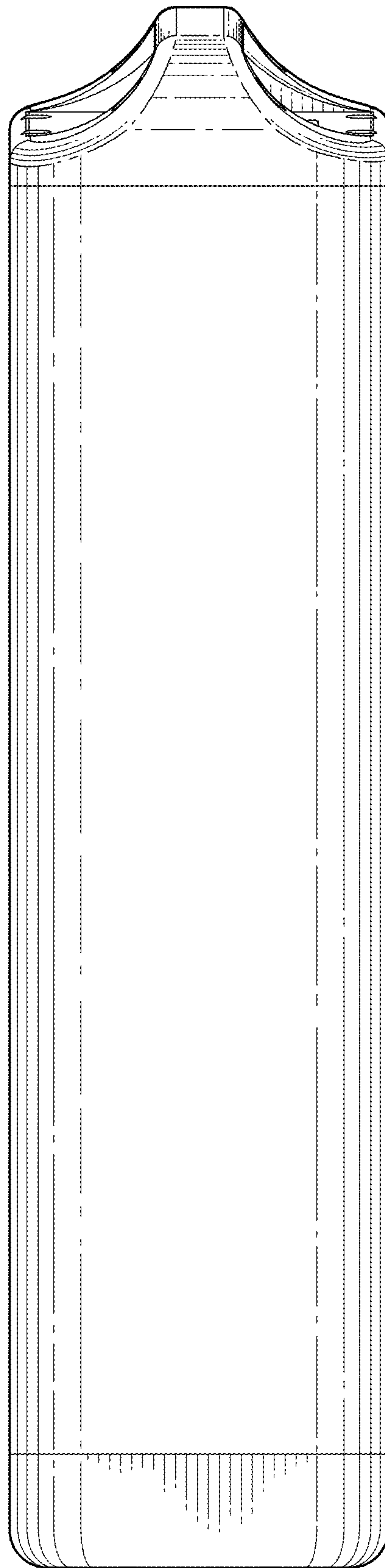


FIG. 2

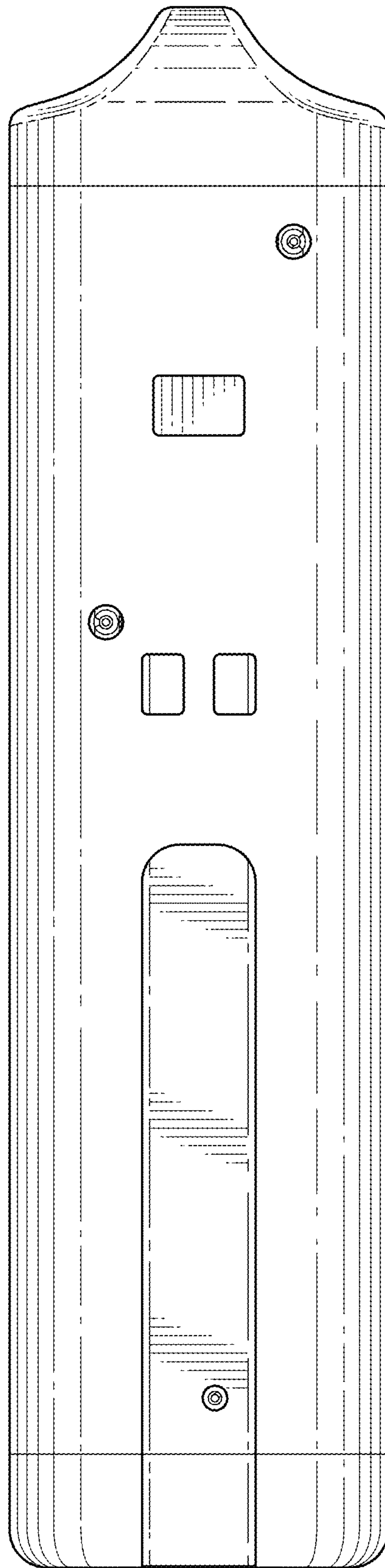


FIG. 3

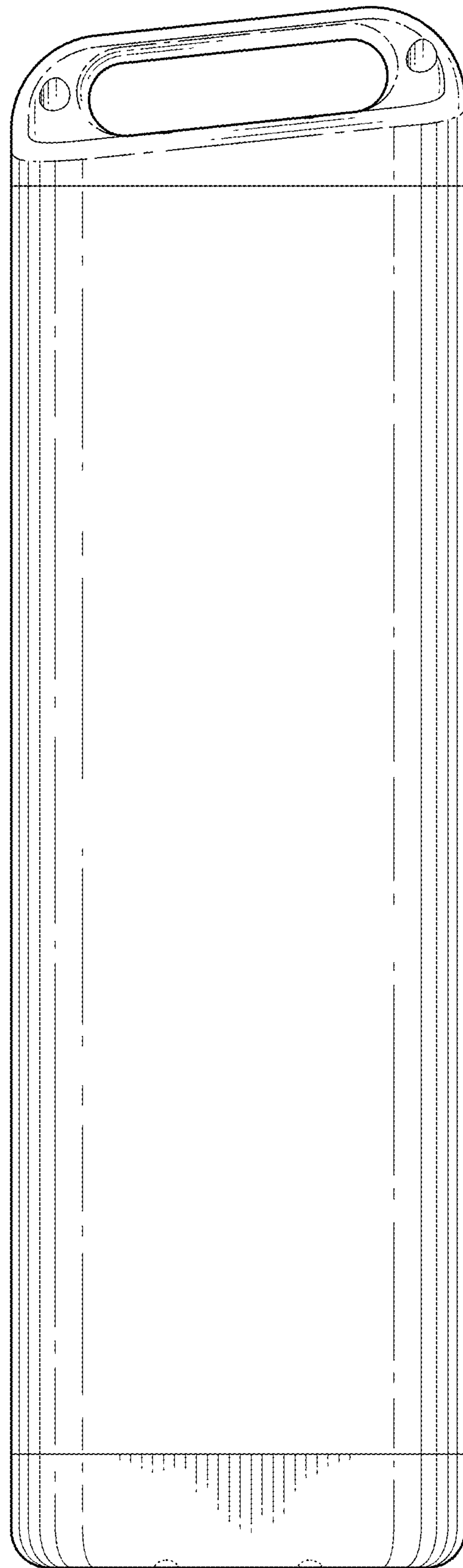


FIG. 4

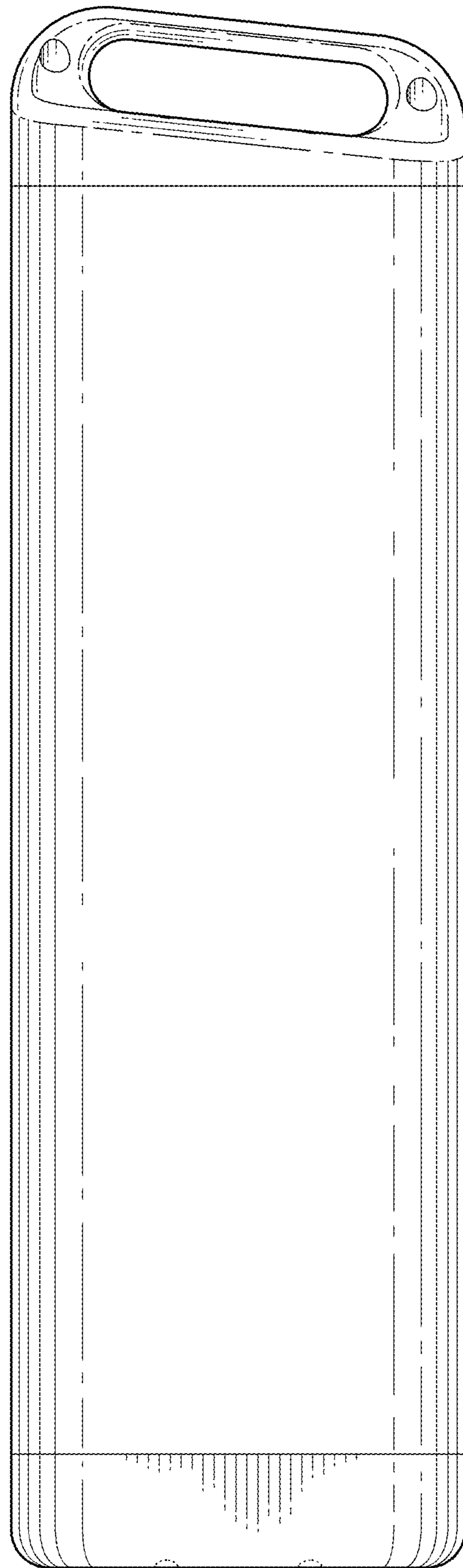


FIG. 5

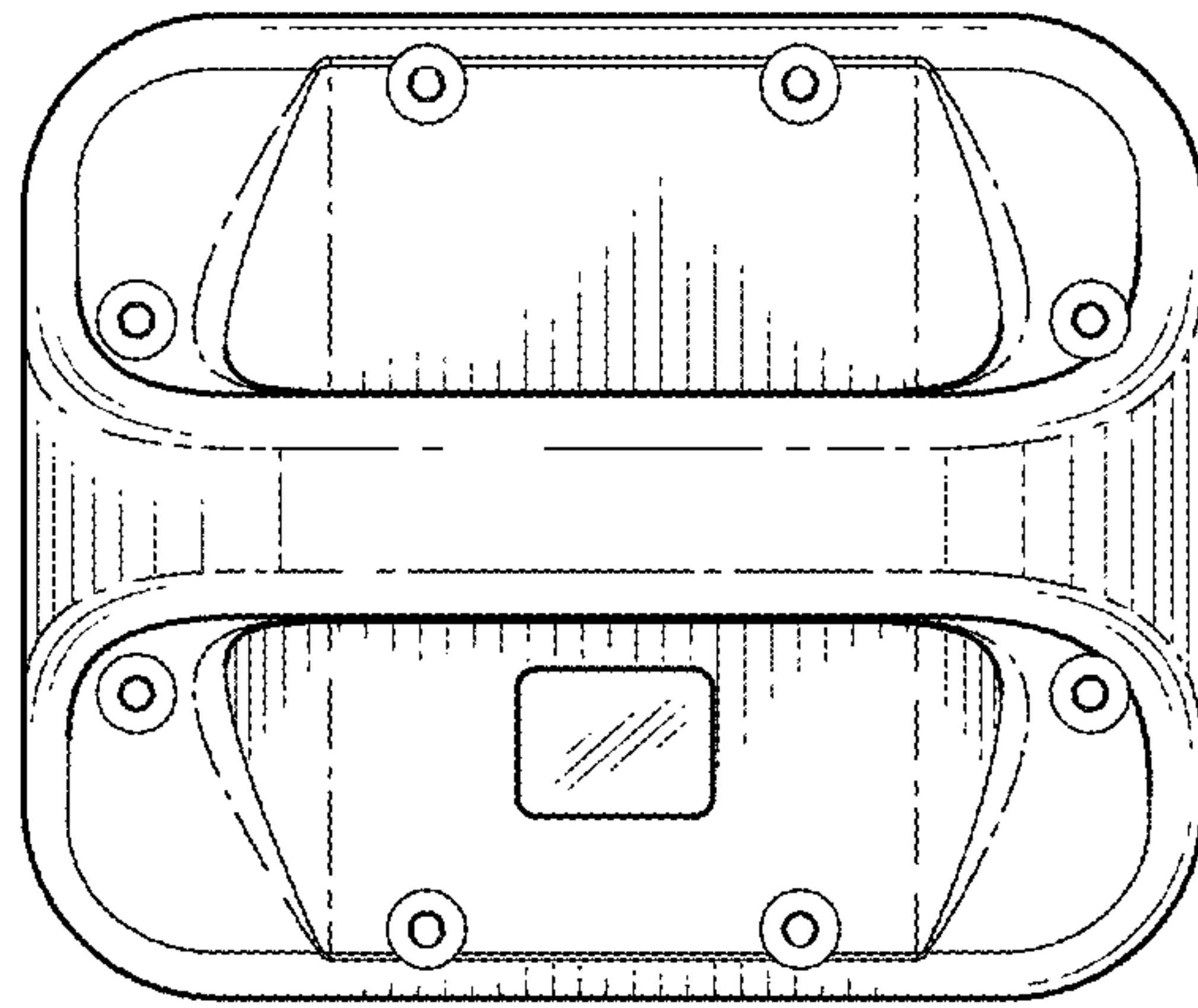


FIG. 6

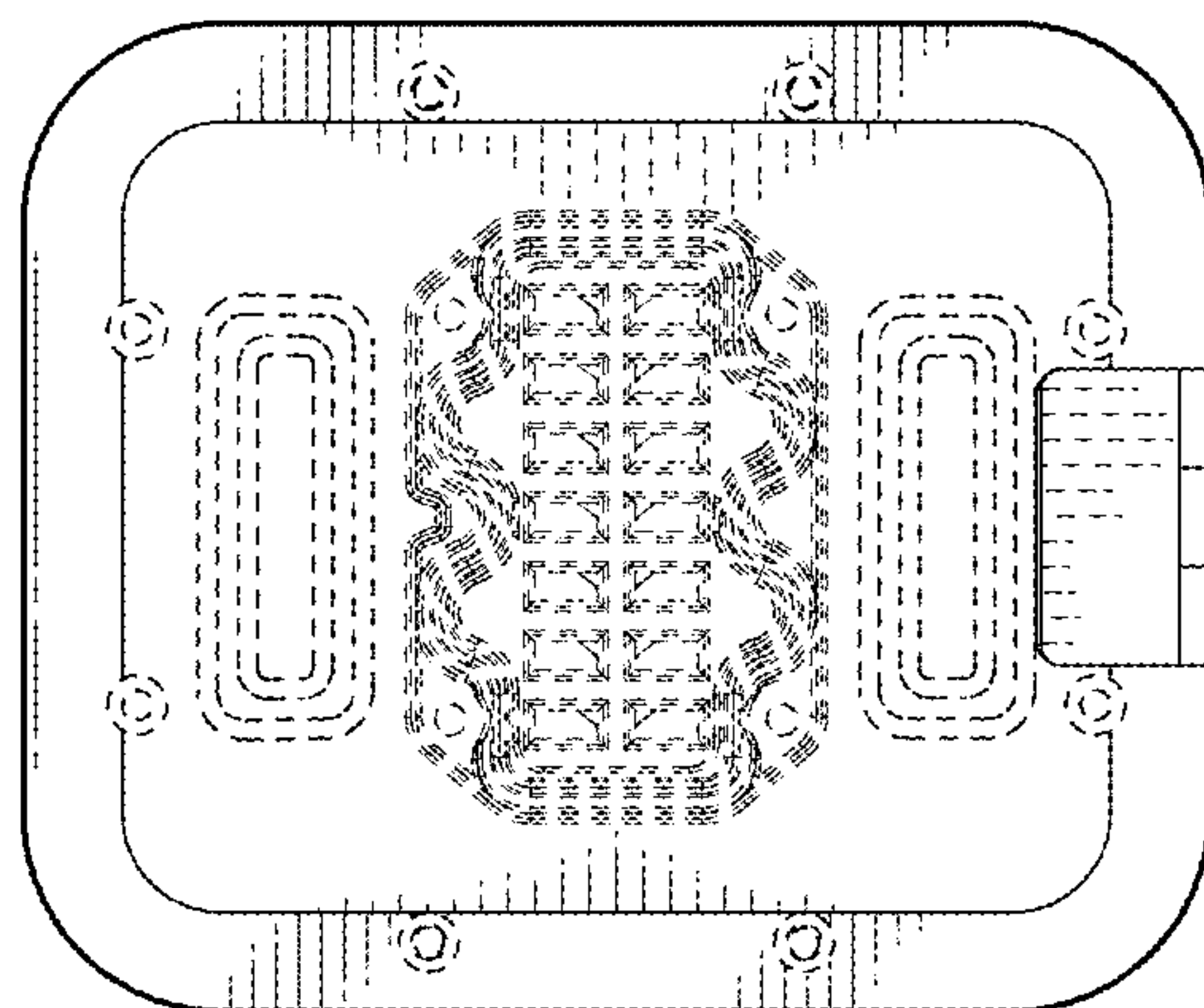


FIG. 7