



US00D986816S

(12) **United States Design Patent**
Choi et al.

(10) **Patent No.:** **US D986,816 S**
(45) **Date of Patent:** **** May 23, 2023**

(54) **BATTERY PACK**

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

(21) Appl. No.: **29/775,770**

(22) Filed: **Mar. 25, 2021**

(30) **Foreign Application Priority Data**

Jan. 4, 2021 (KR) 30-2021-0000213

(51) **LOC (14) Cl.** **13-02**

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

(58) **Field of Classification Search**
USPC D3/269, 273; D14/203.3–203.8, 434,
D14/450; D13/103, 107, 118, 120, 184
CPC . H01G 2/00; H01G 9/00; H01M 4/00; H01M
4/02
See application file for complete search history.

(56) **References Cited**

U.S. PATENT DOCUMENTS

D346,584 S * 5/1994 Taniguchi D13/103
D383,434 S * 9/1997 Hooke D13/103
D404,356 S * 1/1999 Higgins D13/103
D412,153 S * 7/1999 Chen D13/103
D585,019 S * 1/2009 Moser D13/103
D712,351 S * 9/2014 Zeng D13/103
D760,646 S * 7/2016 Walker D13/103

D762,165 S * 7/2016 Rowe D13/103
D771,561 S * 11/2016 Walker D13/103
D772,809 S * 11/2016 Walker D13/103
D784,920 S * 4/2017 Walker D13/103
D791,695 S * 7/2017 Bergman D13/103

(Continued)

FOREIGN PATENT DOCUMENTS

IN 367614-001 * 12/2022
JP D1669515 10/2020

OTHER PUBLICATIONS

Shop Solarkits, Off-Grid Solar kit—6,000W 120/240 output, published Apr. 3, 2022 [retrieved Dec. 27, 2022]. Retrieved from the internet<<https://shopsolarkits.com/products/complete-off-grid-solar-kit-1>> (Year: 2022).*

(Continued)

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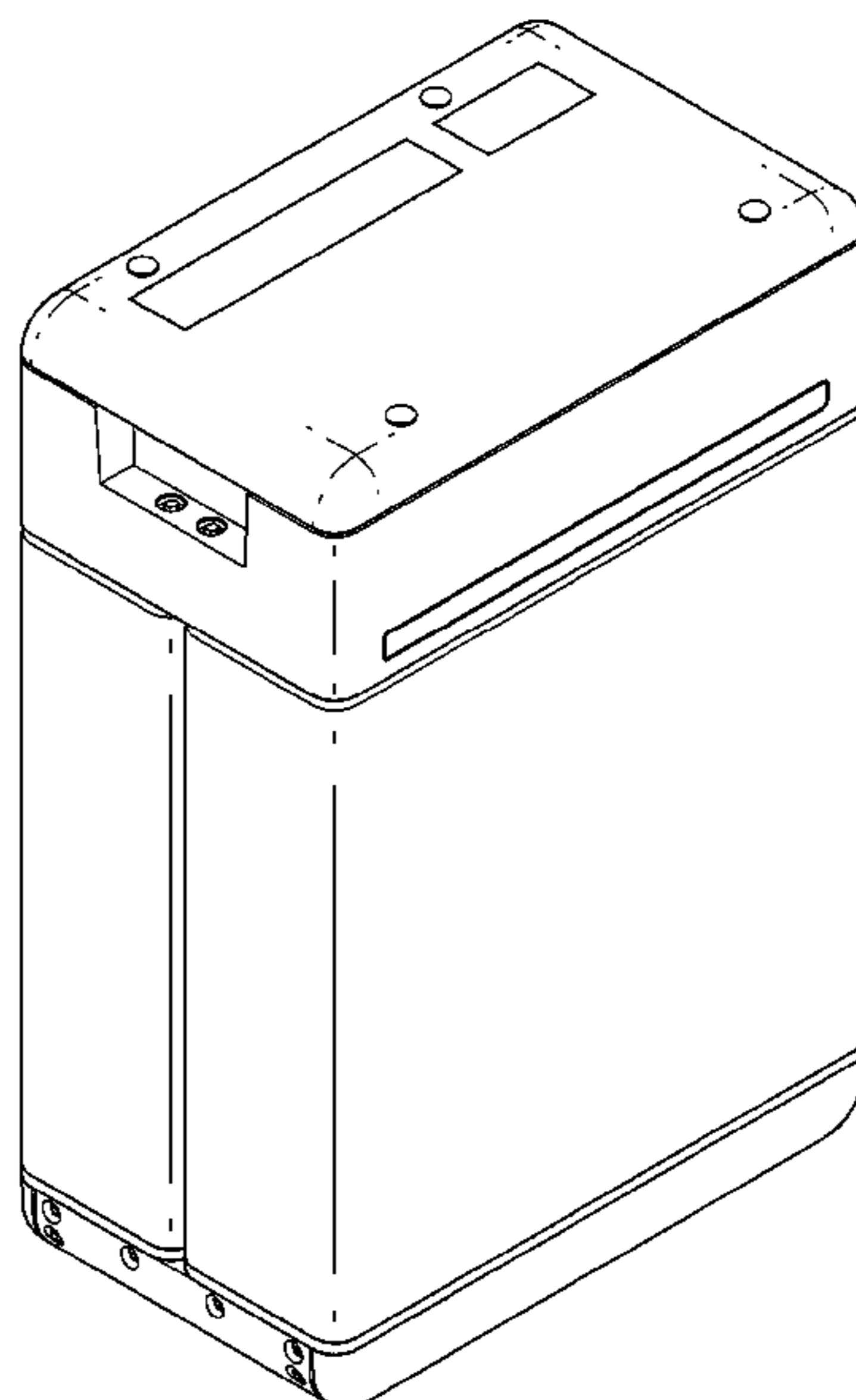
(57) **CLAIM**

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

DESCRIPTION

FIG. 1 is a front perspective view of a battery pack according to our design;
FIG. 2 is a front view thereof;
FIG. 3 is a rear view thereof;
FIG. 4 is a left side view thereof;
FIG. 5 is a right side view thereof;
FIG. 6 is a top view thereof; and,
FIG. 7 is a bottom view thereof.
The battery pack of this design is mainly used for charging various electronic devices or supplying a power thereto.

1 Claim, 6 Drawing Sheets



(56)

References Cited

U.S. PATENT DOCUMENTS

2012/0301747 A1* 11/2012 Han H01M 50/256
429/7

OTHER PUBLICATIONS

Rei Co op Shop, Goal Zero Yeti 6000X Portable Power Station, published Jan. 6, 2022 [retrieved Dec. 27, 2022]. Retrieved from the internet<<https://www.rei.com/product/189524/goal-zero-yeti-6000x-portable-power-station>> (Year: 2022).*

Slash Gear, “LG’s home battery company just revealed its new Tesla Powerwall rivals” (Dec. 10, 2020) <<https://www.slashgear.com/lg-energy-solution-resu-prime-flex-home-battery-system-tesla-powerwall-alternative-10650638/>> 9 pgs.

Choi, et al., “Battery Pack,” U.S. Appl. No. 29/775,757, filed Mar. 25, 2021.

* cited by examiner

FIG. 1

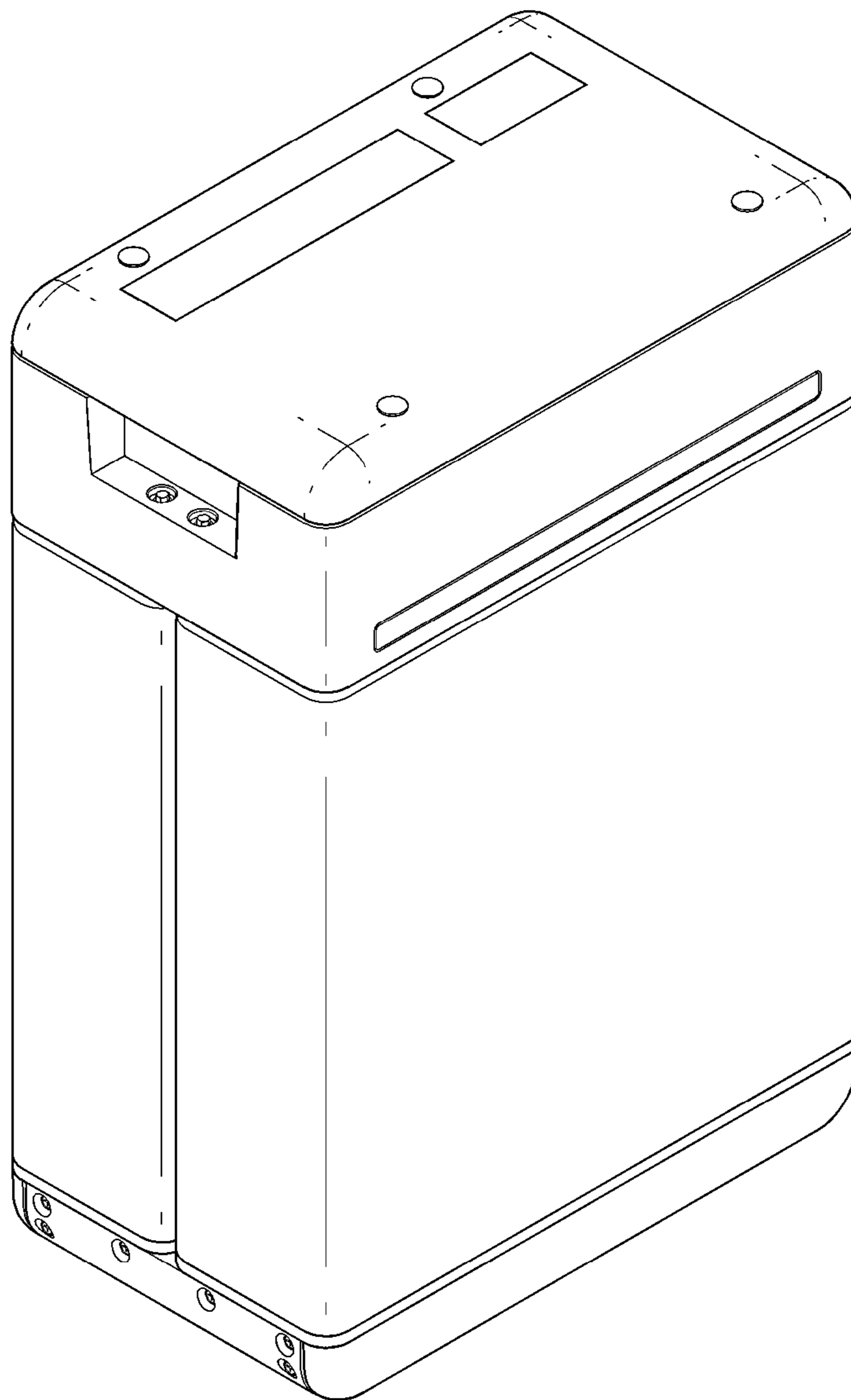


FIG. 2

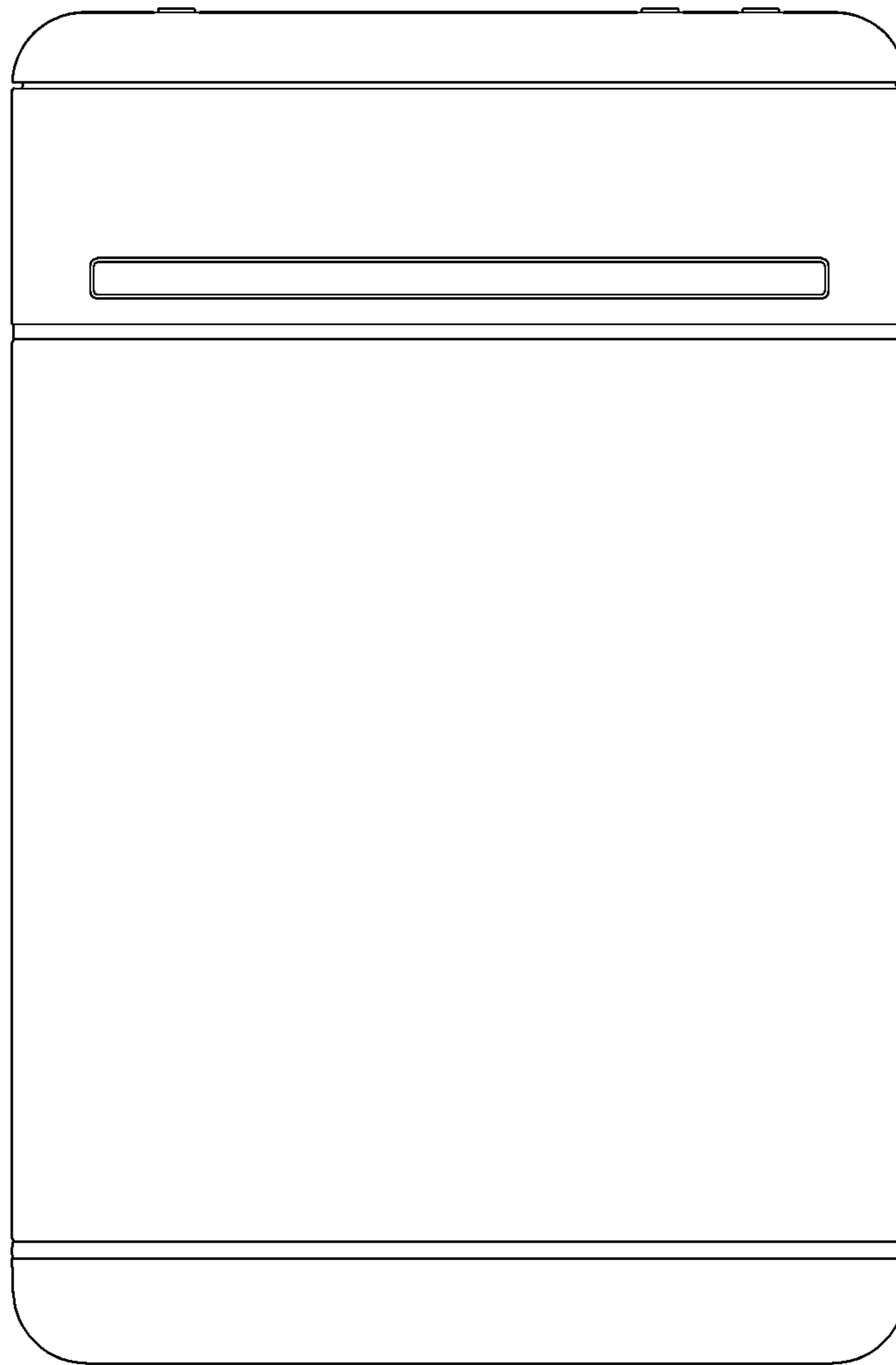


FIG. 3

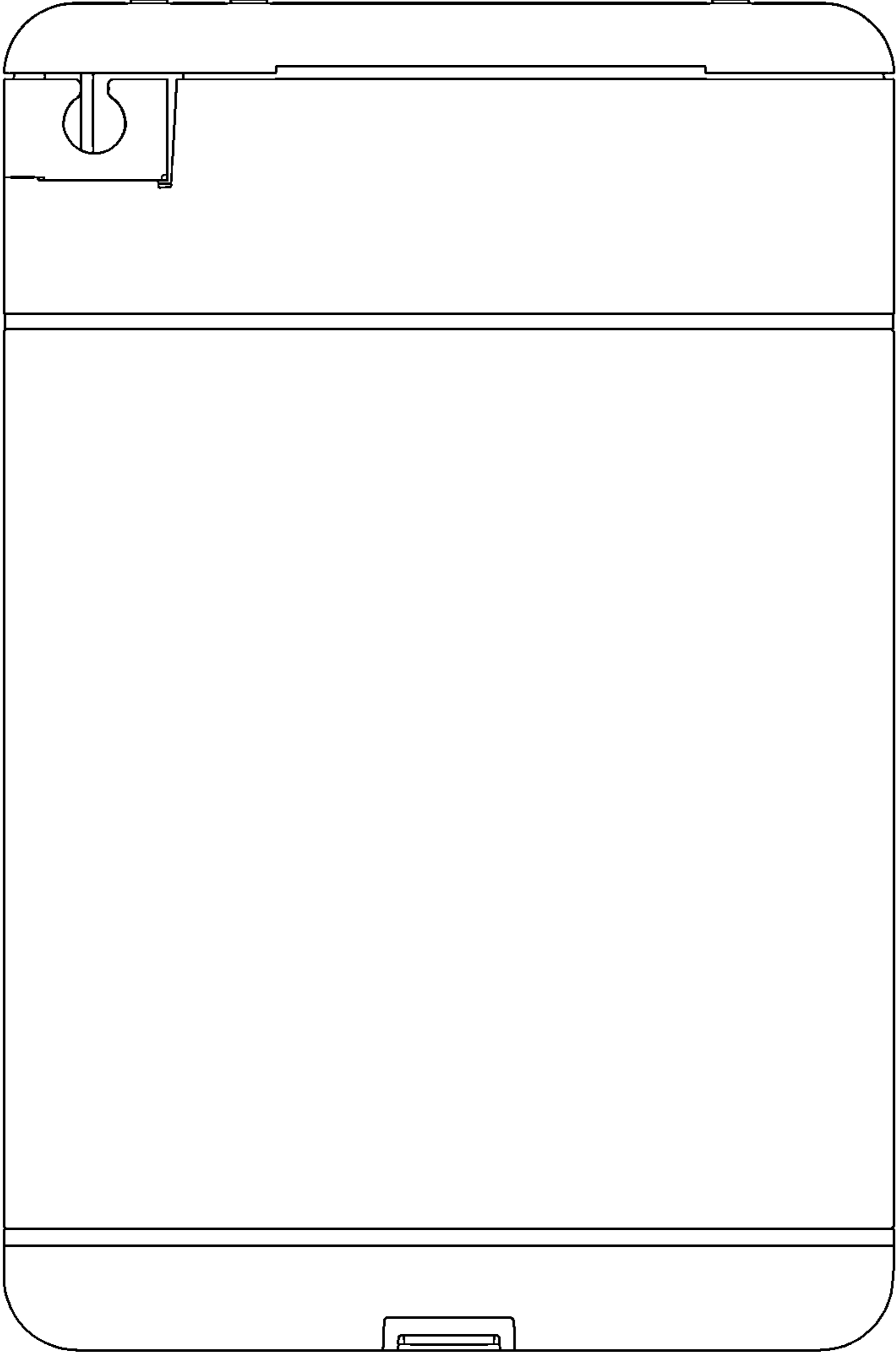


FIG. 4

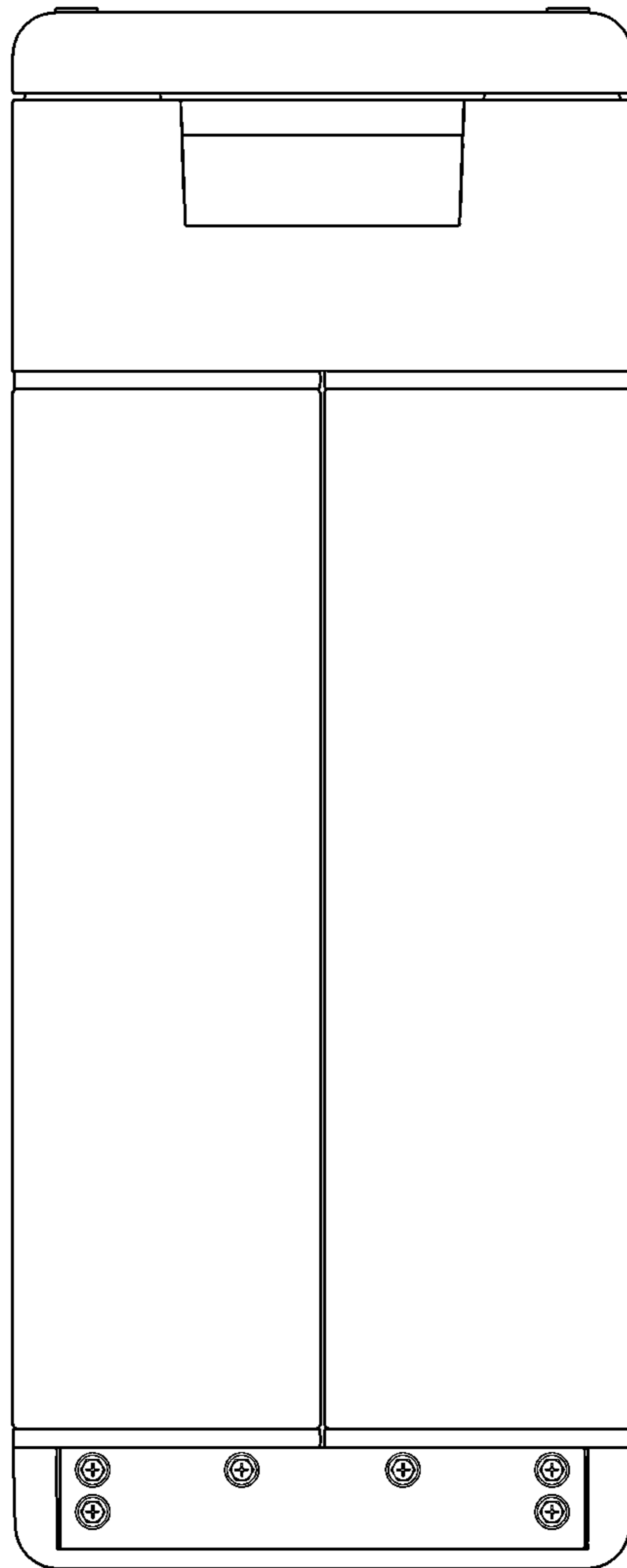


FIG. 5

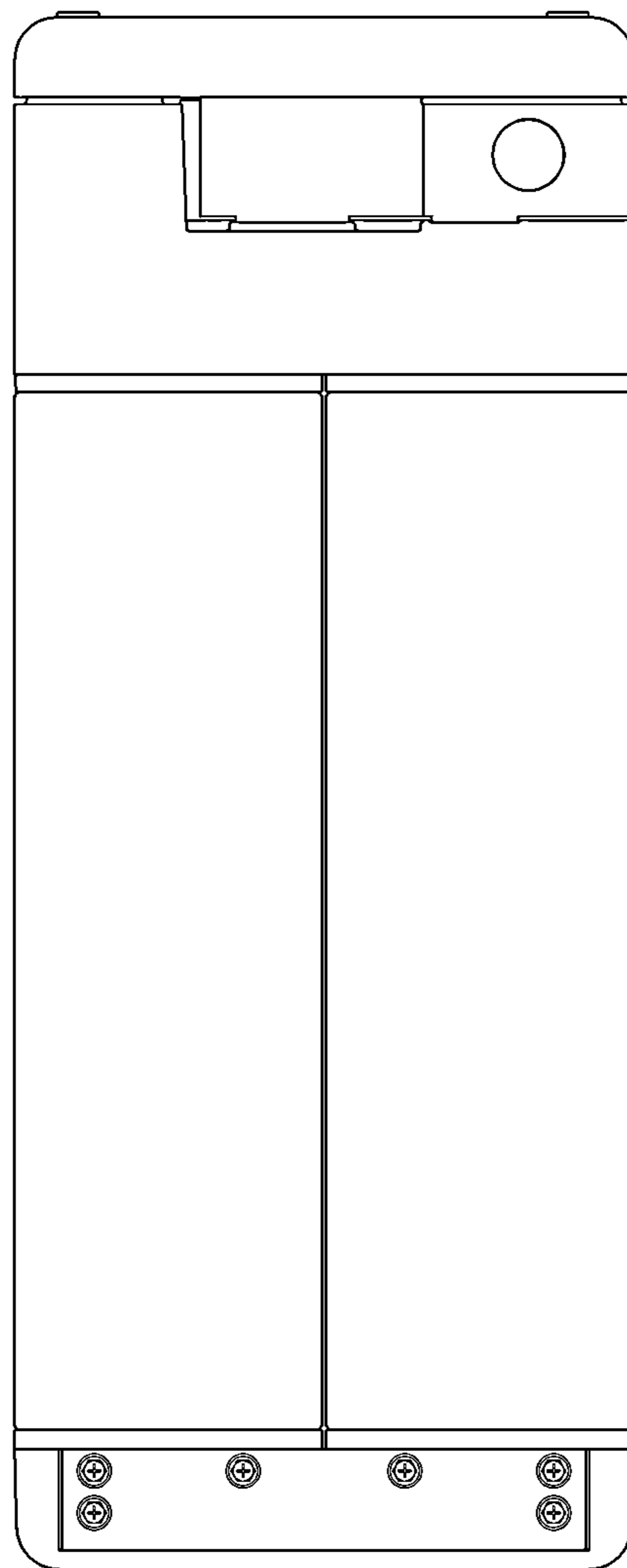


FIG. 6

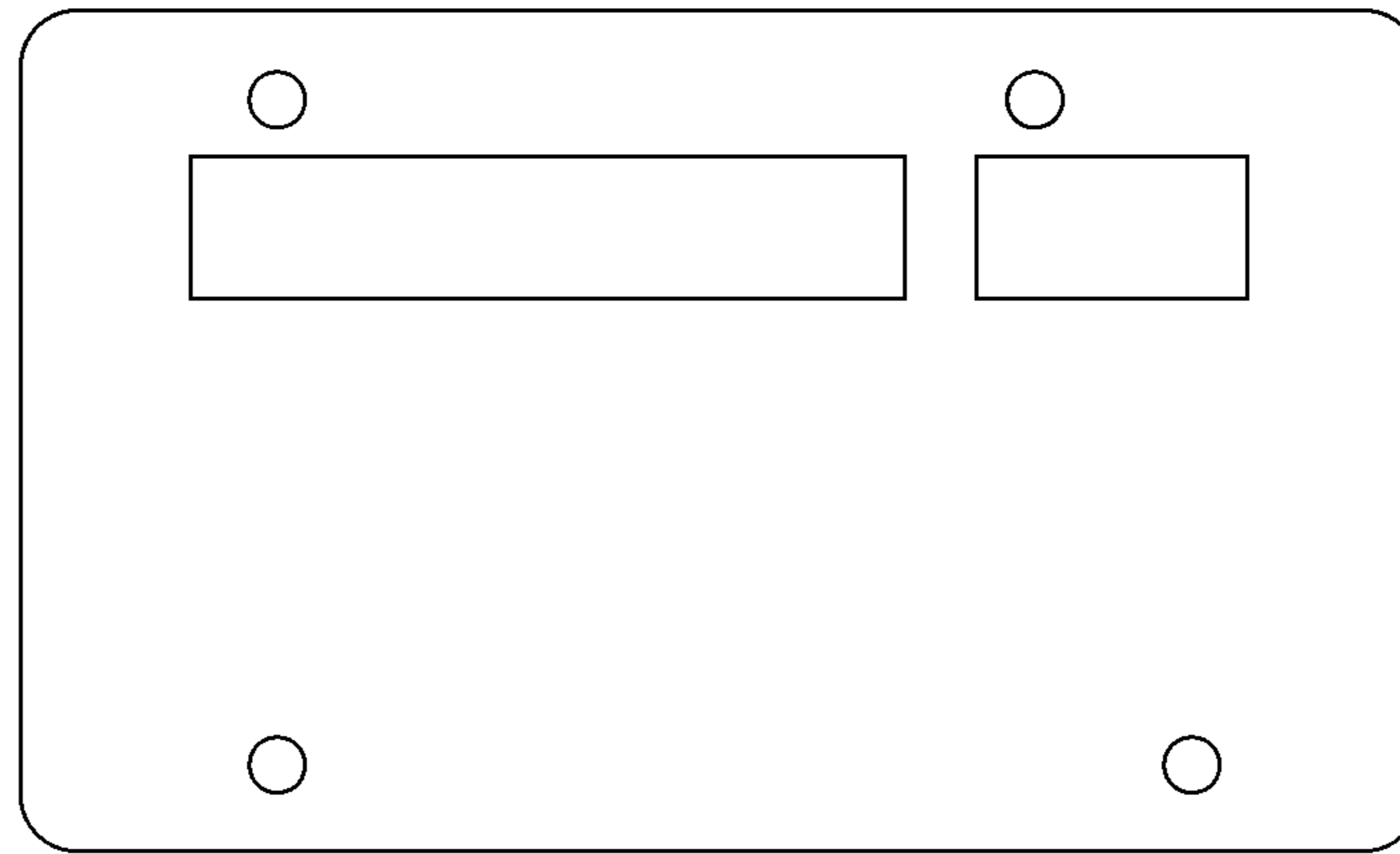


FIG. 7

