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

(10) **Patent No.:** **US D914,599 S**

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(54) **DC-DC CHARGER (DC-DC CONVERTER)**

3/023; G06F 3/038; G06F 3/0626; G06F
3/0658; G06F 9/4413

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See application file for complete search history.

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(56) **References Cited**

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U.S. PATENT DOCUMENTS

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

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(21) Appl. No.: **29/726,304**

(22) Filed: **Mar. 2, 2020**

(30) **Foreign Application Priority Data**

* cited by examiner

Jan. 19, 2020 (CN) 202030038445.5

Primary Examiner — Derrick E Holland

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

(74) *Attorney, Agent, or Firm* — Wayne & Ken, LLC

(52) **U.S. Cl.**
USPC **D13/110**

(57) **CLAIM**

(58) **Field of Classification Search**

The ornamental design for a DC-DC charger (DC-DC con-
verter), as shown and described.

USPC D13/110, 103, 107, 108, 118, 119, 123,
D13/137.1, 137.4, 138.1, 147, 162, 168,
D13/169, 174, 177, 184, 199; D14/240,
D14/242, 257, 356, 357, 432, 433, 438,
D14/480.1, 480.3

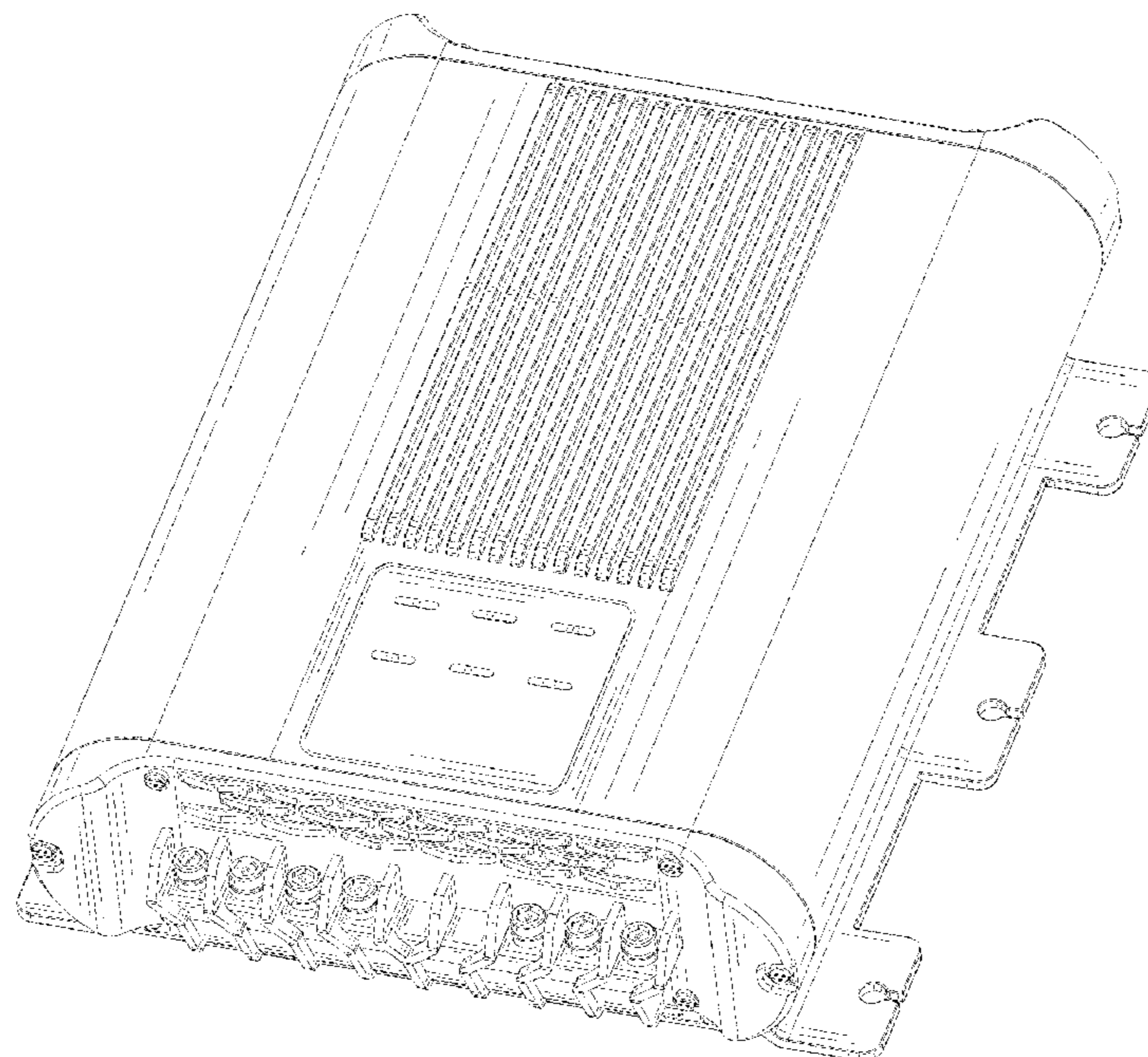
DESCRIPTION

CPC H05K 5/00; H05K 5/02; H05K 5/0247;
H05K 7/00; H05K 7/20; H05K 7/20136;
H05K 7/20154; H05K 7/209; H02M 7/00;
H02M 7/003; H02M 2001/009; H02J
7/0042; H02J 7/0044; H02J 7/0045;
Y10T 307/367; Y02E 60/12; Y02E 60/50;
H01M 2/02; H01M 2/025; H01M 2/0207;
H01M 2/0212; H01M 10/44; H01R
13/60; H01R 13/72; H01R 13/6658;
H01R 25/003; H01R 25/006; G06F

FIG. 1 is a perspective view of a DC-DC charger (DC-DC
converter) showing my new design;
FIG. 2 is a front elevation view thereof;
FIG. 3 is a back elevation view thereof;
FIG. 4 is a left side view thereof;
FIG. 5 is a right side view thereof;
FIG. 6 is a top plan view thereof; and,
FIG. 7 is a bottom plan view thereof.

The broken lines in the drawings illustrate portions of the
DC-DC charger and form no part of the claimed design.

1 Claim, 7 Drawing Sheets



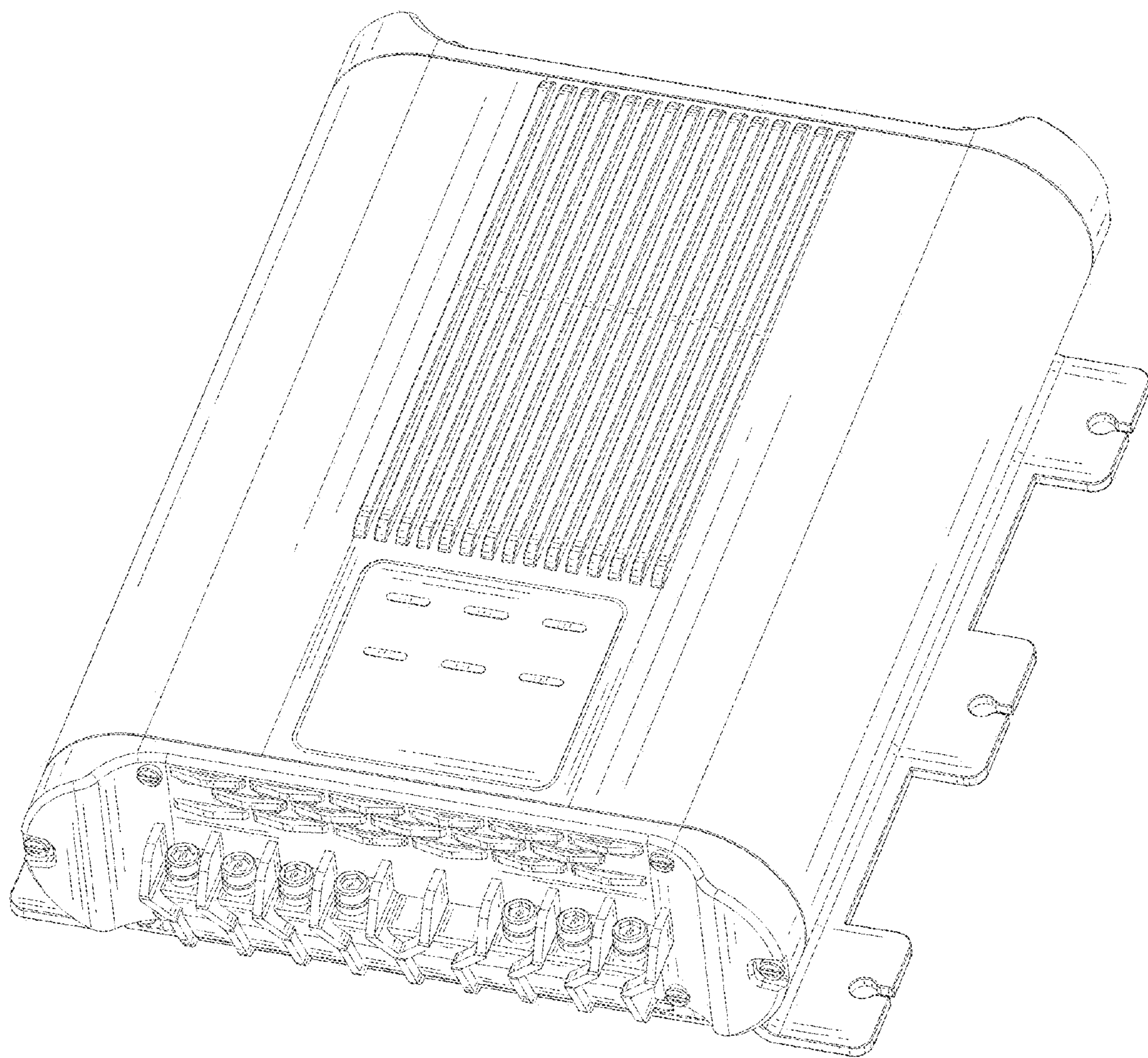


FIG. 1

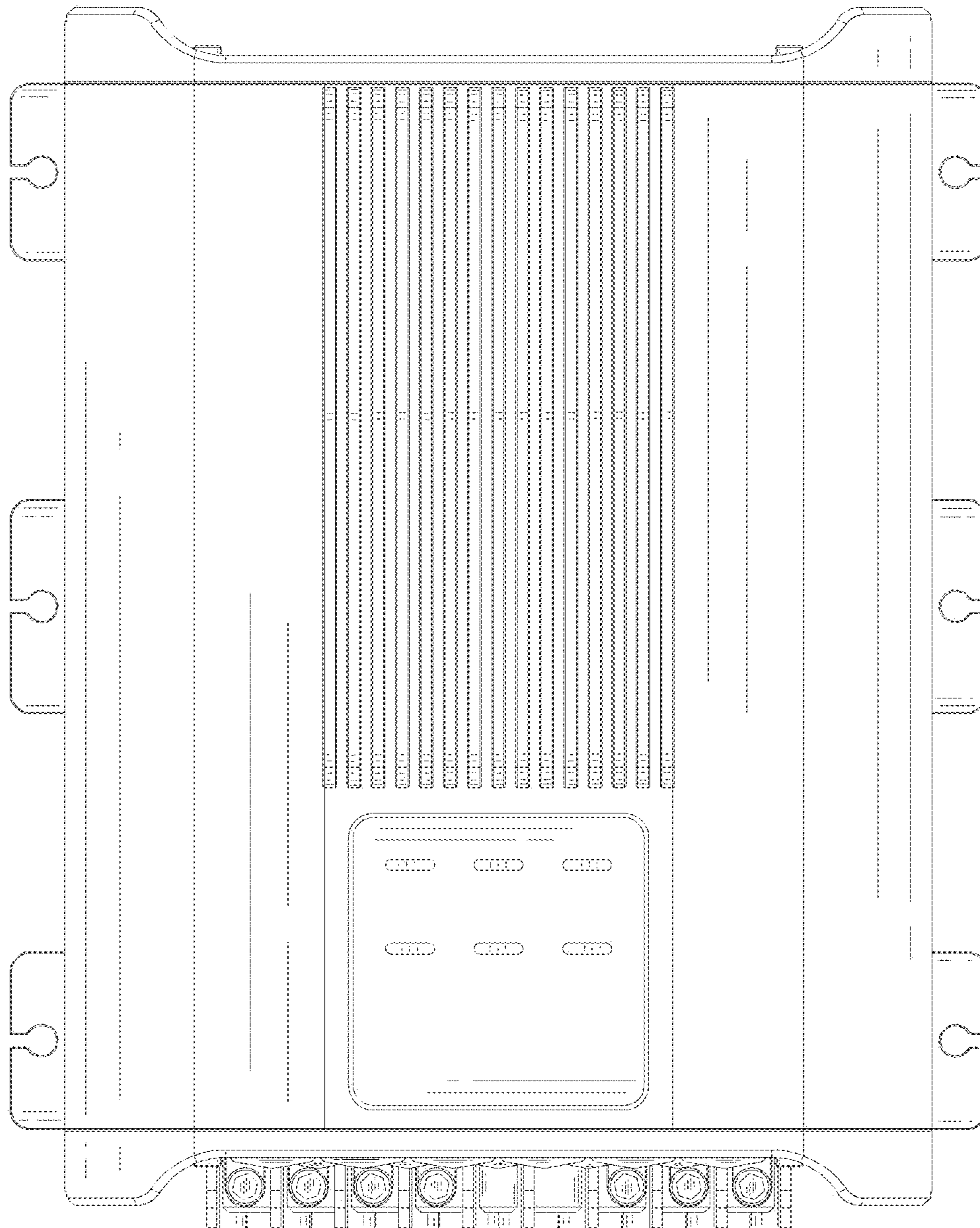


FIG. 2

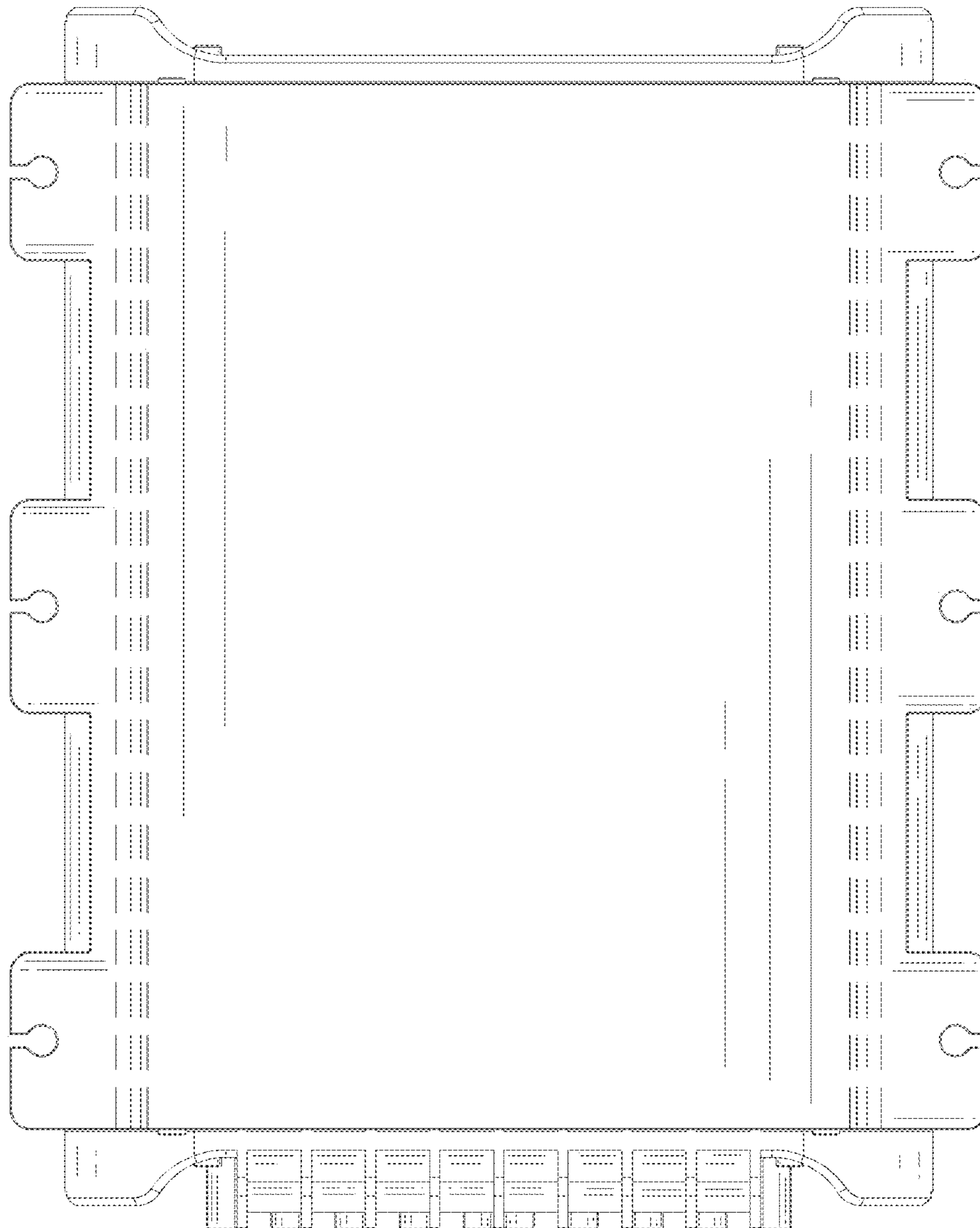


FIG. 3

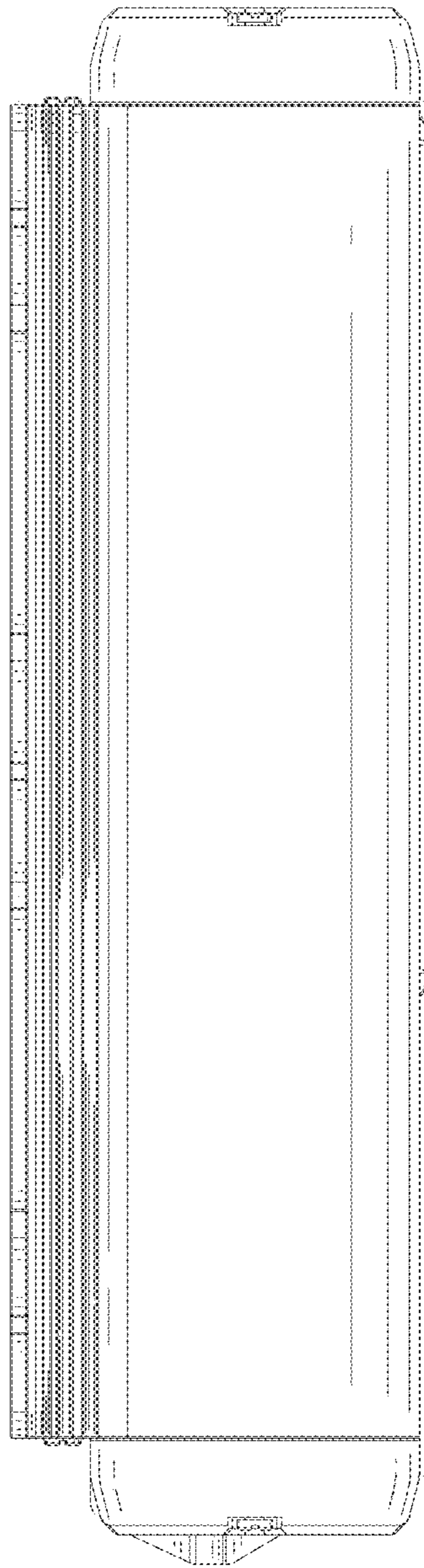


FIG. 4

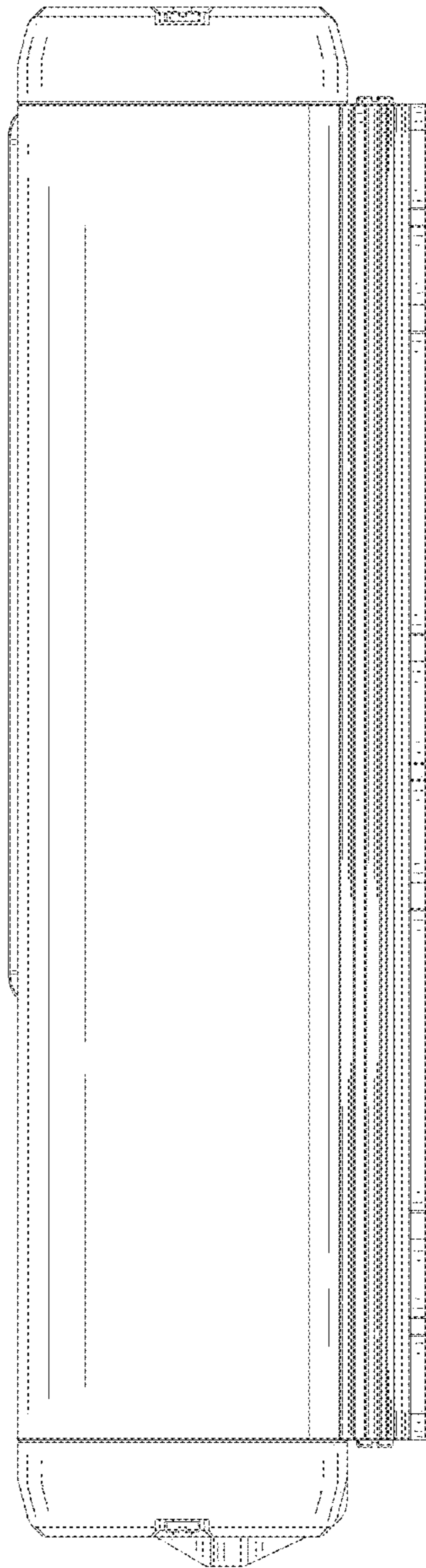


FIG. 5

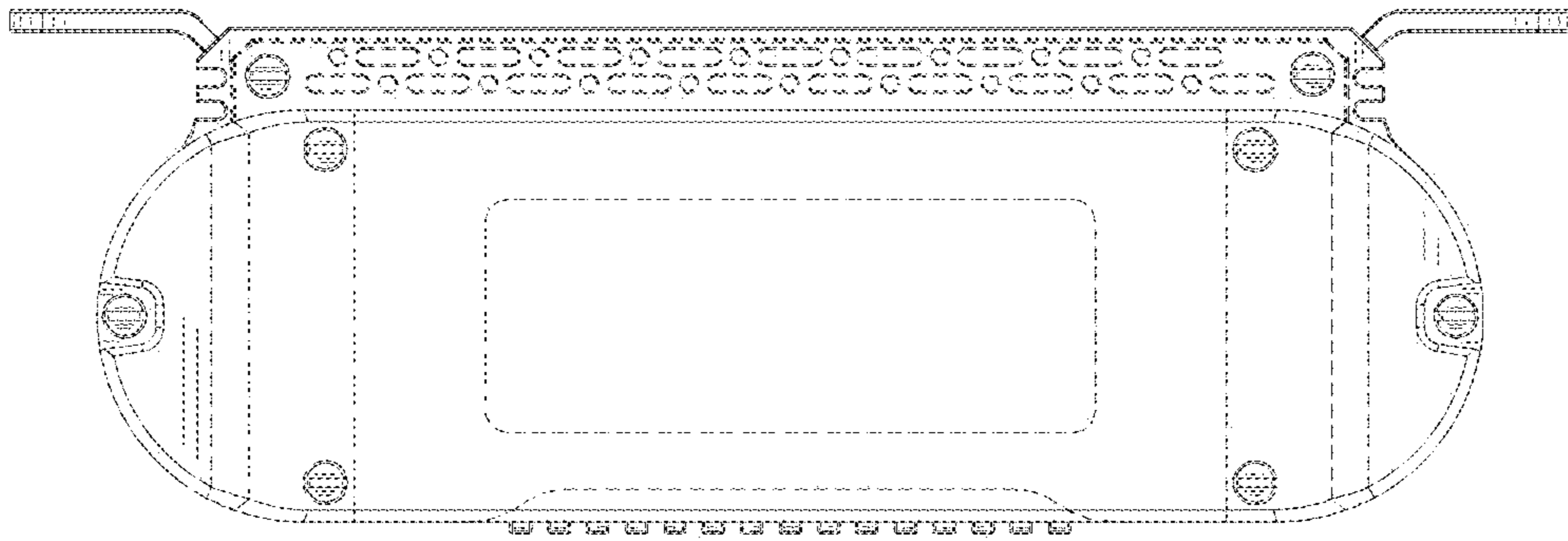


FIG. 6

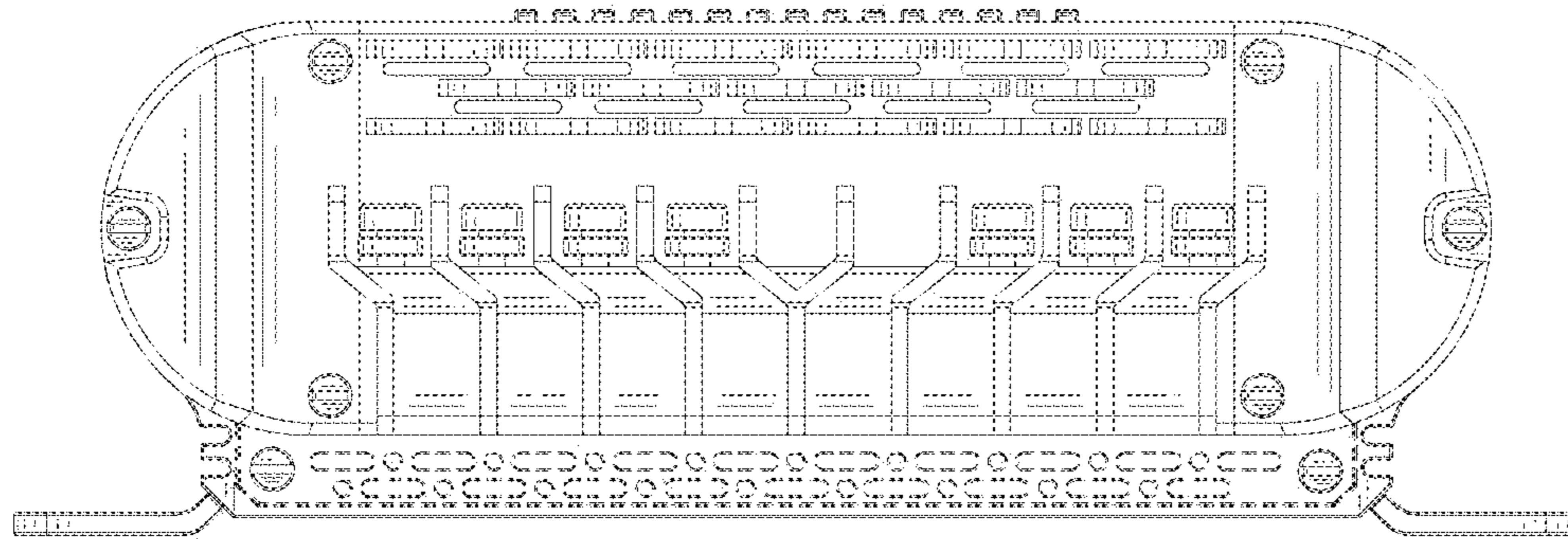


FIG. 7