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

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(54) **MODULE FOR POWER CONTROL SYSTEM**

FOREIGN PATENT DOCUMENTS

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AU 2018101440 A4 11/2018
WO WO 1999/05766 A1 2/1999

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(Continued)

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(57) **CLAIM**

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

The ornamental design for a module for power control system, as shown and described.

(21) Appl. No.: **29/744,857**

(22) Filed: **Jul. 31, 2020**

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

(52) **U.S. Cl.**

USPC **D13/110**

(58) **Field of Classification Search**

USPC ... D13/101, 110, 123, 133, 158, 160, 162.1,

D13/184, 199; D15/5, 9

CPC . H02M 3/158; H01R 12/724; H01R 12/7088;

H01R 25/14; H02J 3/381; H02J 13/0006

See application file for complete search history.

DESCRIPTION

FIG. 1 is a front, left, and top perspective view of a first embodiment of a module for power control system showing the new design;

FIG. 2 is a rear, left, and top perspective view thereof;

FIG. 3 is a front elevational view thereof;

FIG. 4 is a rear elevational view thereof

FIG. 5 is a right side view thereof;

FIG. 6 is a left side view thereof;

FIG. 7 is a top plan view thereof;

FIG. 8 is a bottom plan view thereof.

FIG. 9 is a front, left, and top perspective view of a second embodiment of a module for power control system showing the new design;

FIG. 10 is a rear, left, and top perspective view thereof;

FIG. 11 is a front elevational view thereof;

FIG. 12 is a rear elevational view thereof

FIG. 13 is a right side view thereof;

FIG. 14 is a left side view thereof;

FIG. 15 is a top plan view thereof; and,

FIG. 16 is a bottom plan view thereof.

The broken lines shown represent the portions of the module for power control system that form no part of the claimed design.

(56) **References Cited**

U.S. PATENT DOCUMENTS

5,493,194 A * 2/1996 Damiano H05K 7/1484
318/575

6,904,341 B2 6/2005 Kish et al.

D553,581 S * 10/2007 Pape D13/164

D557,661 S * 12/2007 Lemke D13/177

D630,580 S * 1/2011 Pape D13/110

D633,181 S * 2/2011 Shinohara D23/245

D657,309 S * 4/2012 Robinson D13/103

8,531,316 B2 9/2013 Velado et al.

8,944,865 B1 2/2015 Krabacher et al.

D783,055 S * 4/2017 Charriere D10/49

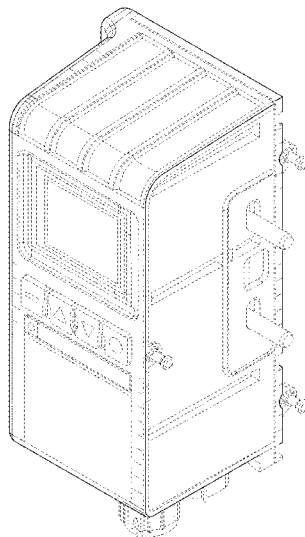
D791,085 S * 7/2017 Rosenberg D13/158

9,950,778 B2 4/2018 Kabel et al.

D866,467 S * 11/2019 Tenzer D13/123

(Continued)

1 Claim, 15 Drawing Sheets



(56)

References Cited

U.S. PATENT DOCUMENTS

11,677,334 B2* 6/2023 Cai H02M 5/458
307/84
2013/0002016 A1 1/2013 Furukawa et al.
2015/0285339 A1* 10/2015 Chen H02K 7/116
74/412 R
2018/0124557 A1 5/2018 Bartley et al.
2018/0206359 A1* 7/2018 McPherson H02M 7/003
2019/0052081 A1 2/2019 Rainbow et al.
2019/0075675 A1 3/2019 Collins et al.

FOREIGN PATENT DOCUMENTS

WO WO 2001/13186 A1 2/2001
WO WO 2007/047615 A9 4/2007
WO WO 2018/112661 A1 6/2018
WO WO 2019/192734 A1 10/2019

* cited by examiner

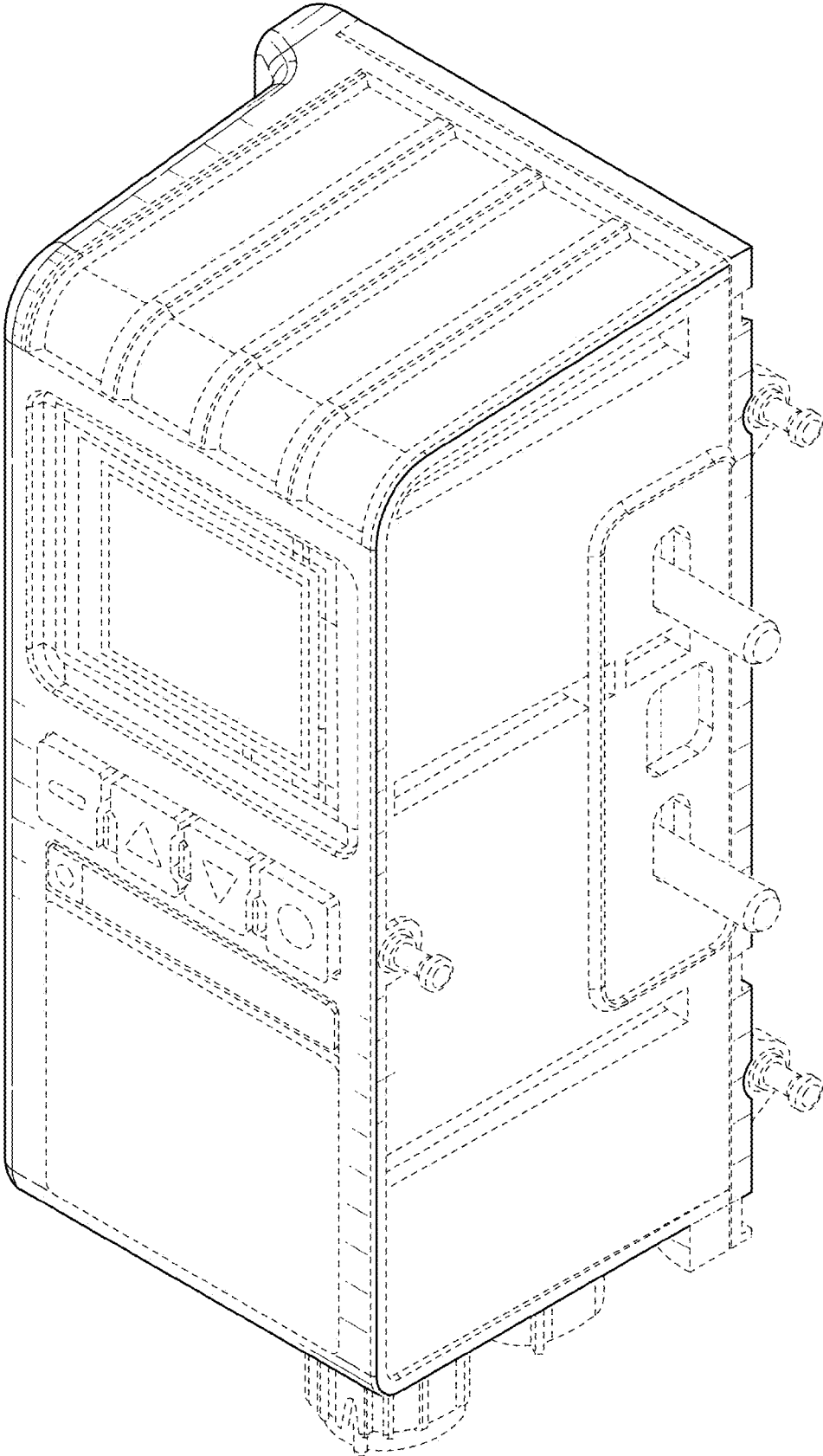


FIG. 1

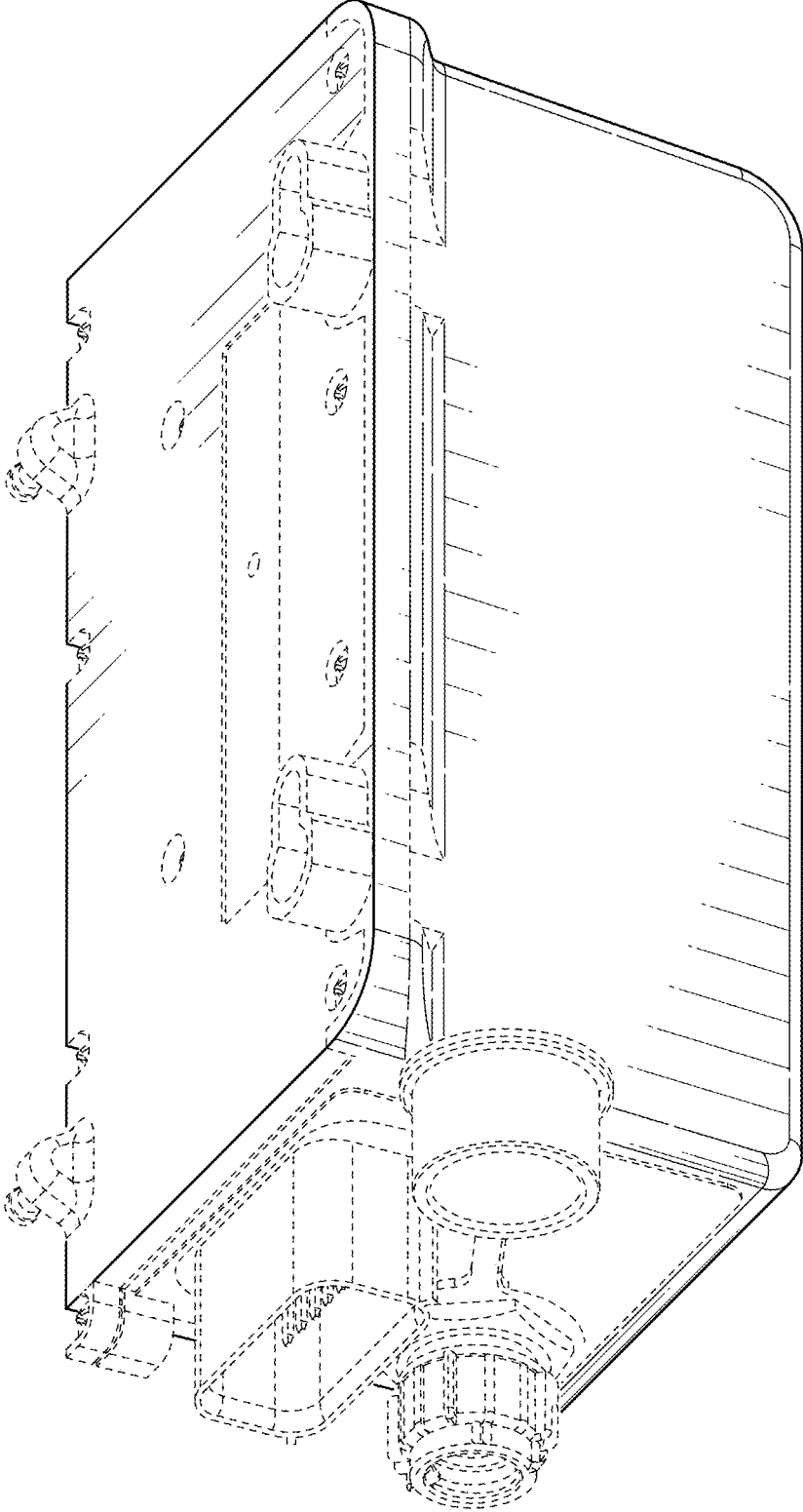


FIG. 2

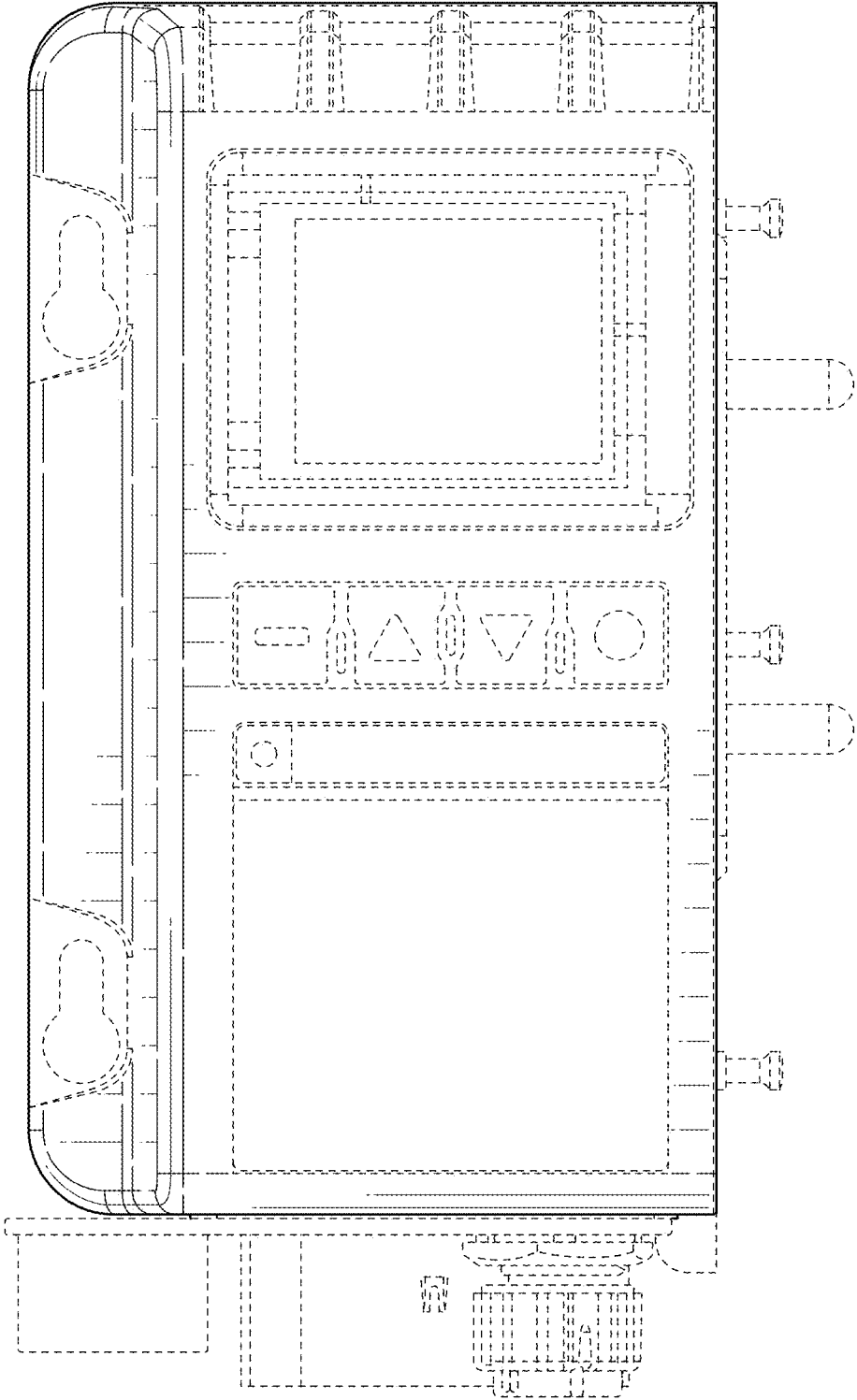


FIG. 3

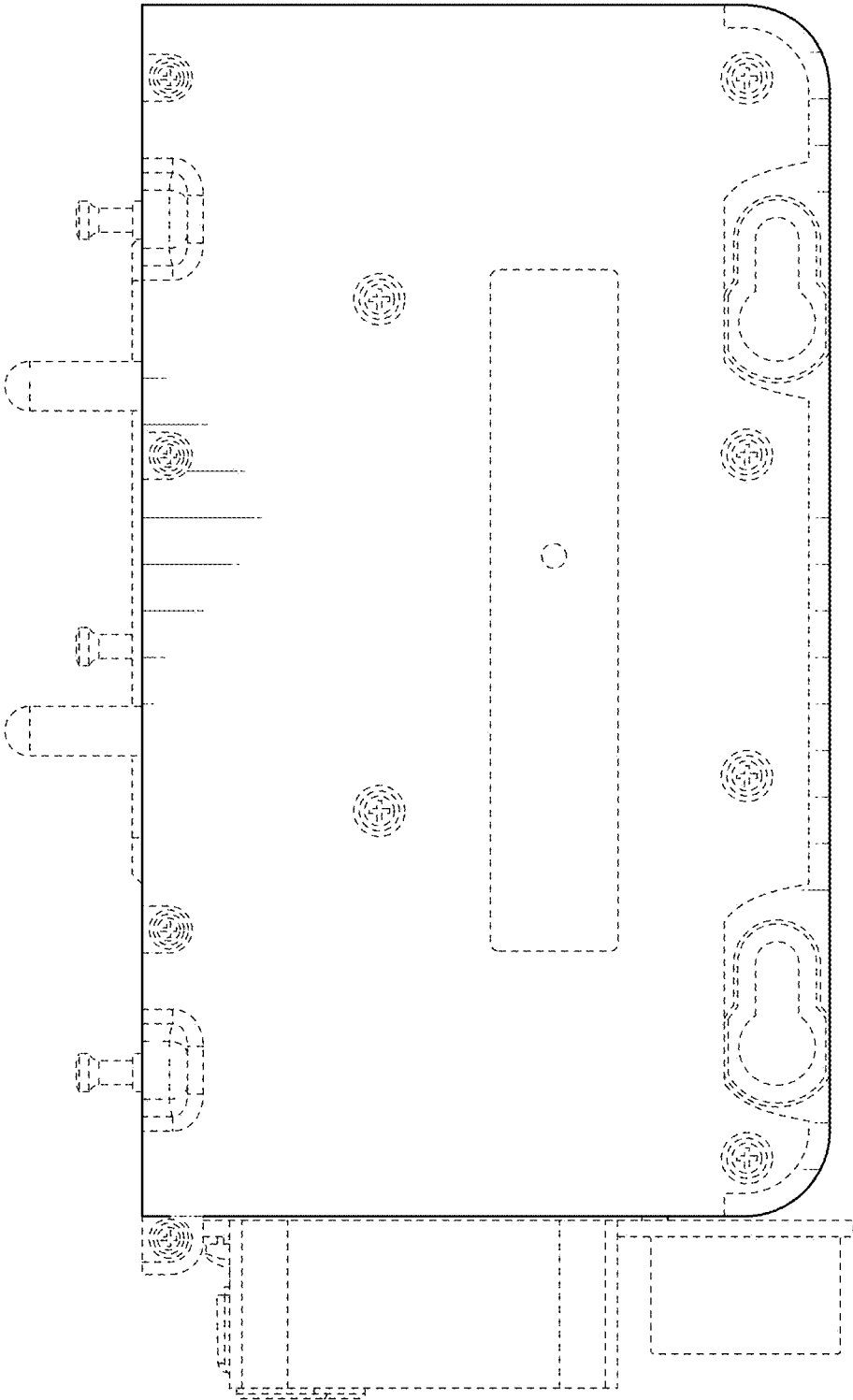


FIG. 4

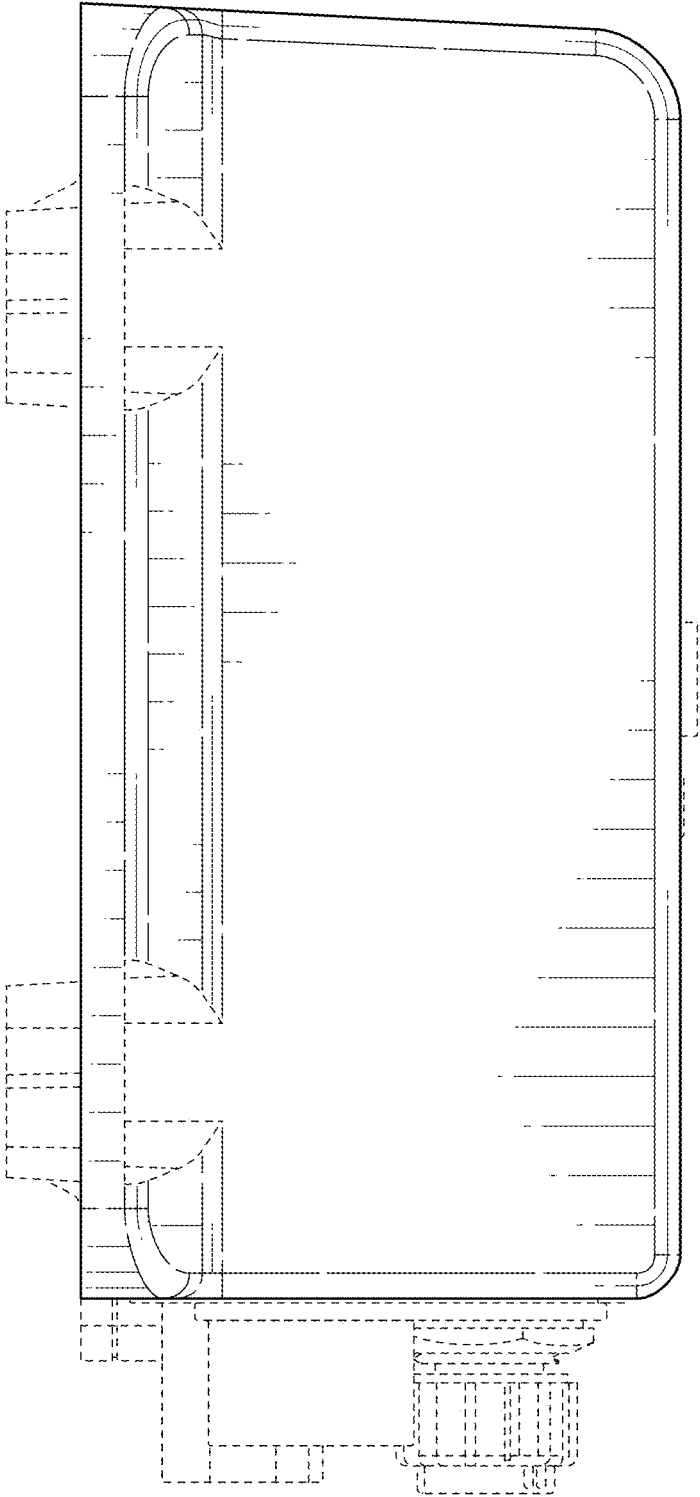


FIG. 5

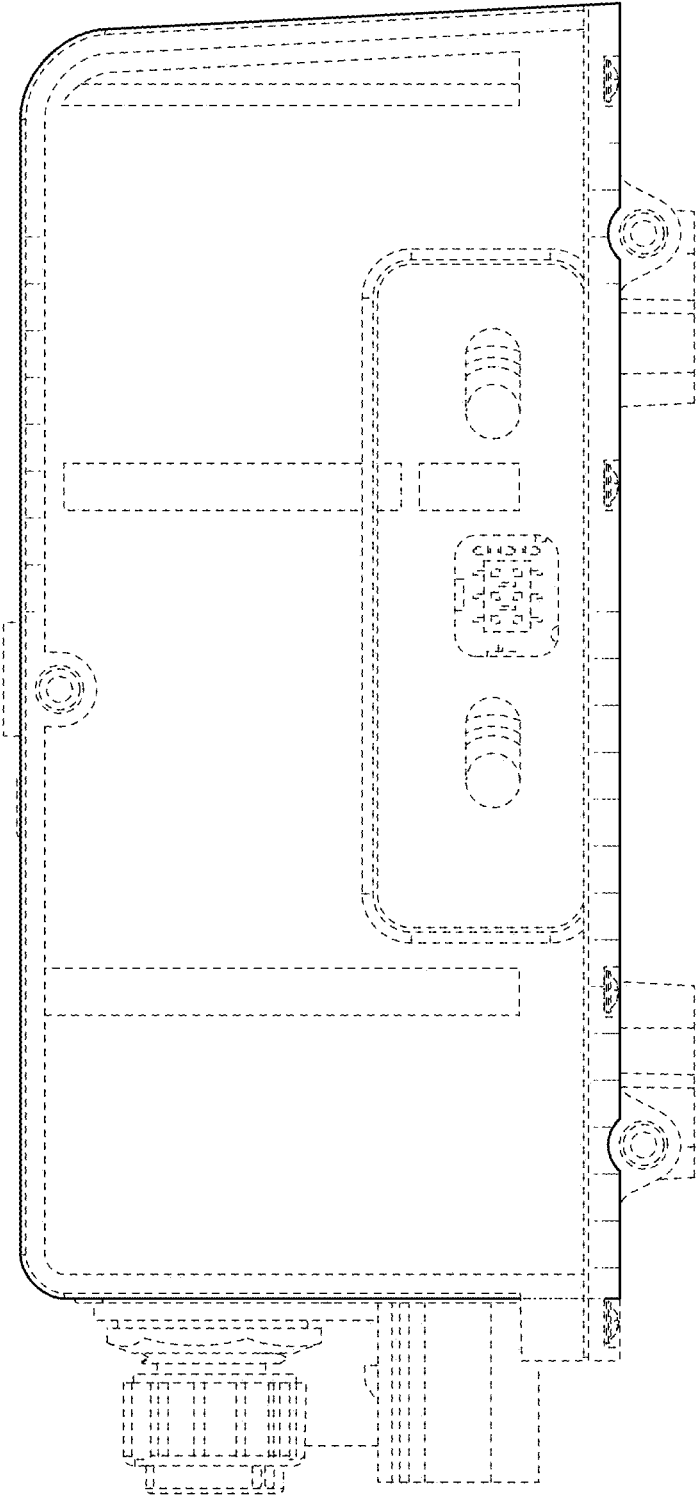


FIG. 6

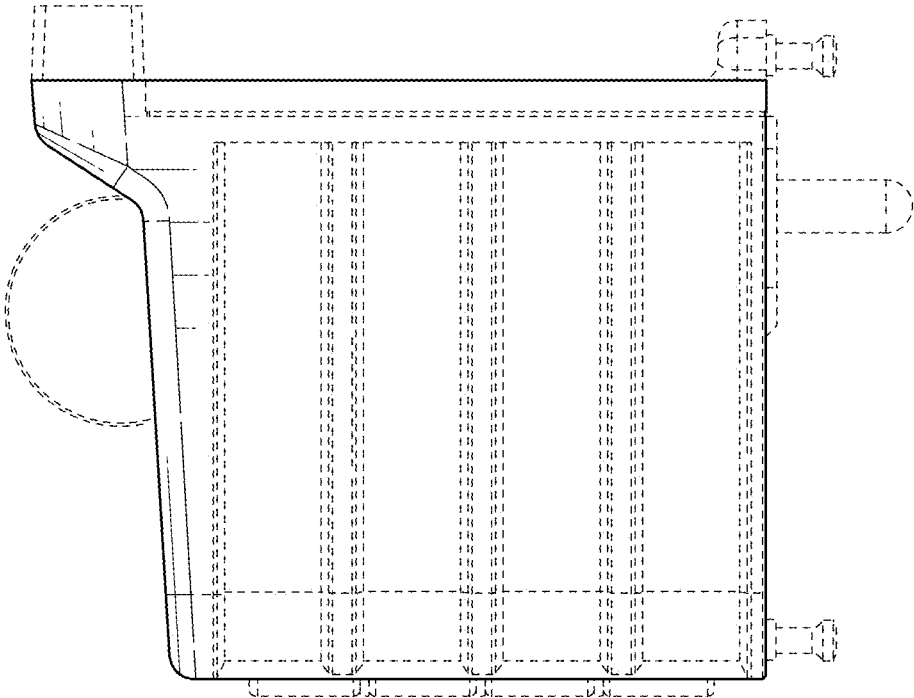


FIG. 7

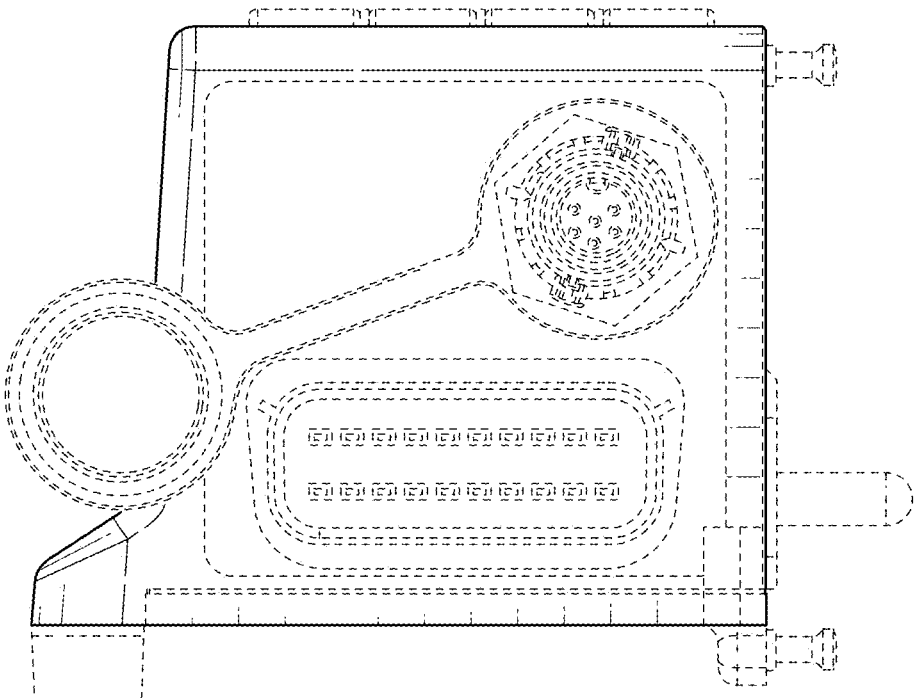


FIG. 8

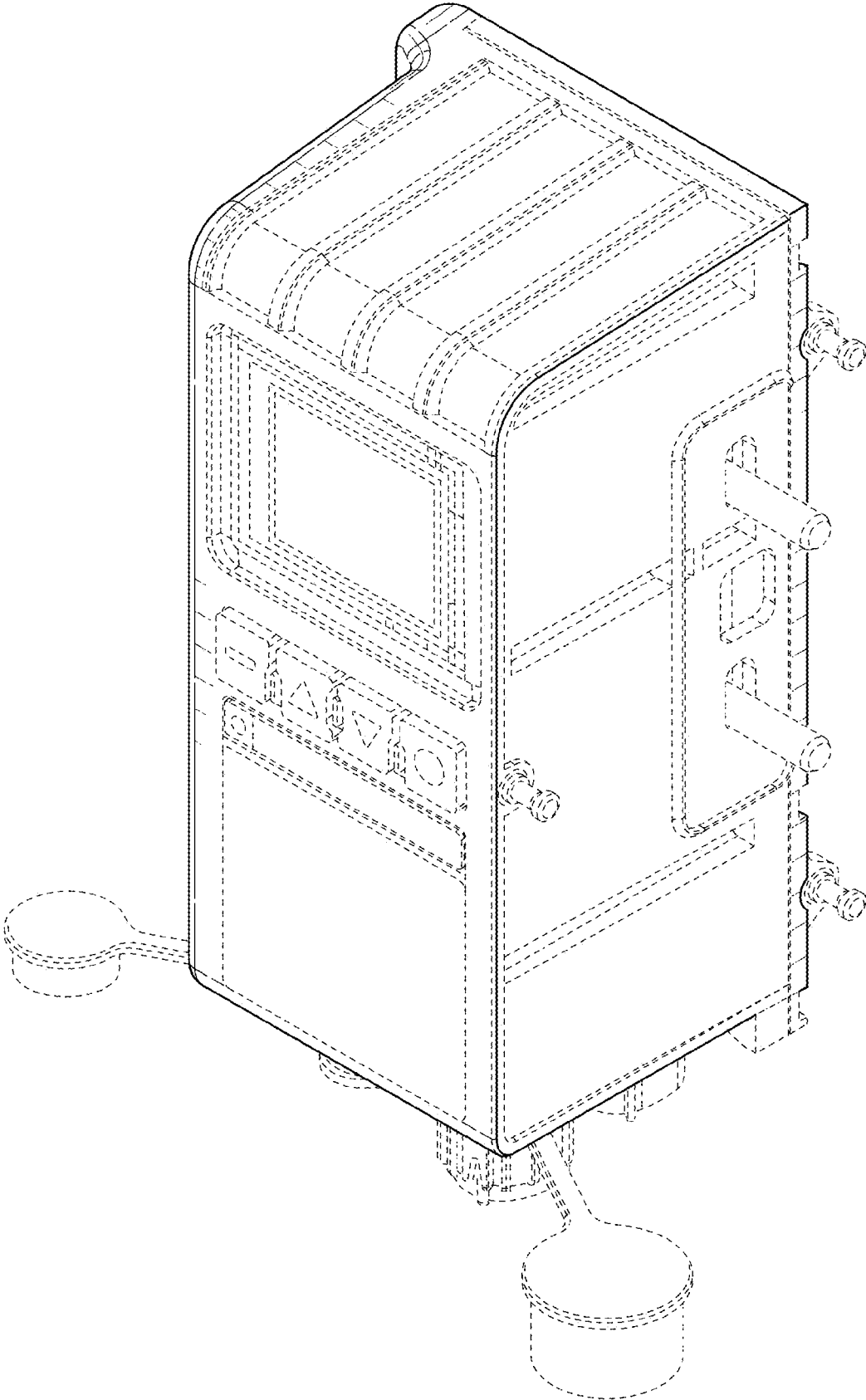


FIG. 9

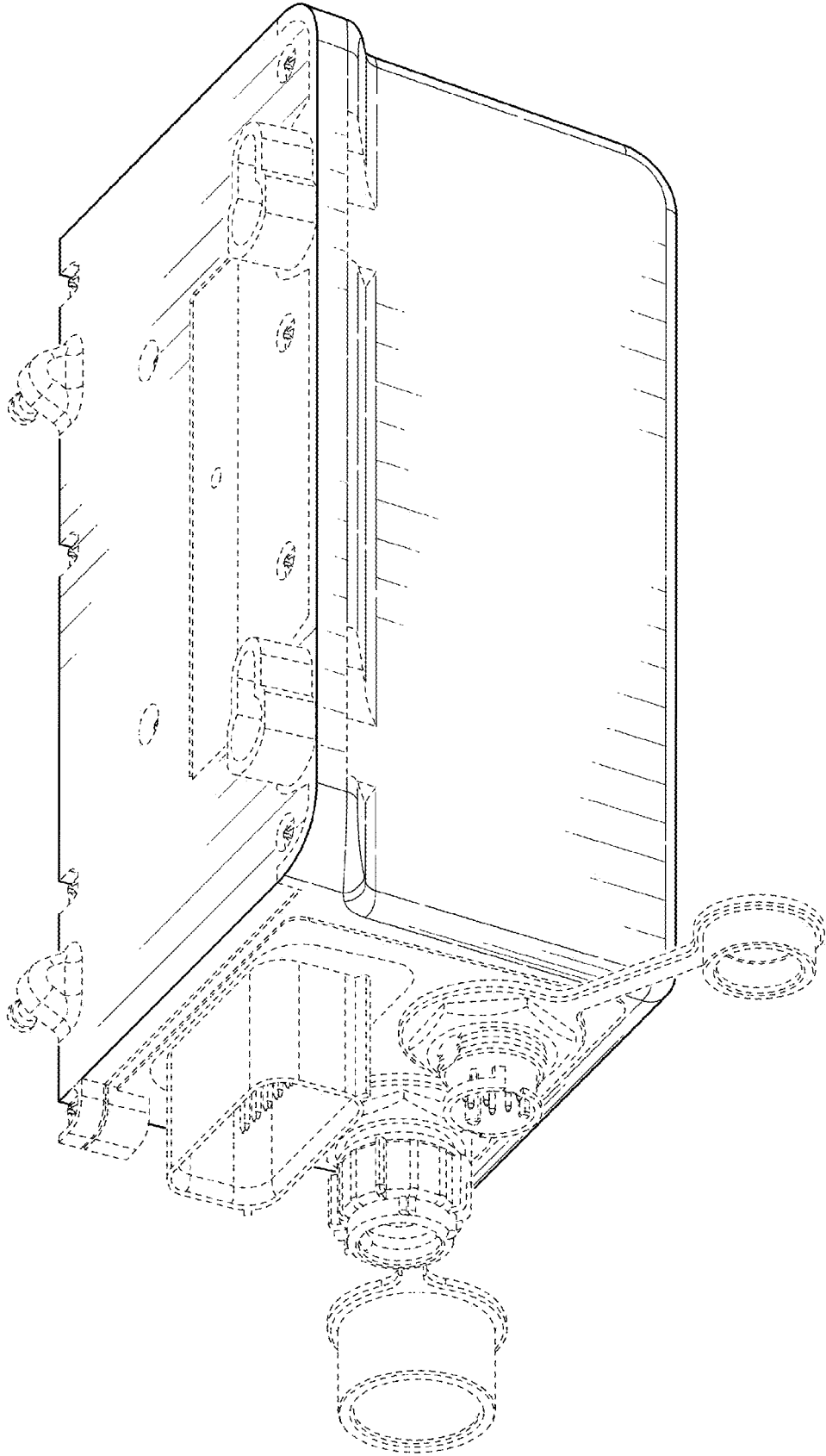


FIG. 10

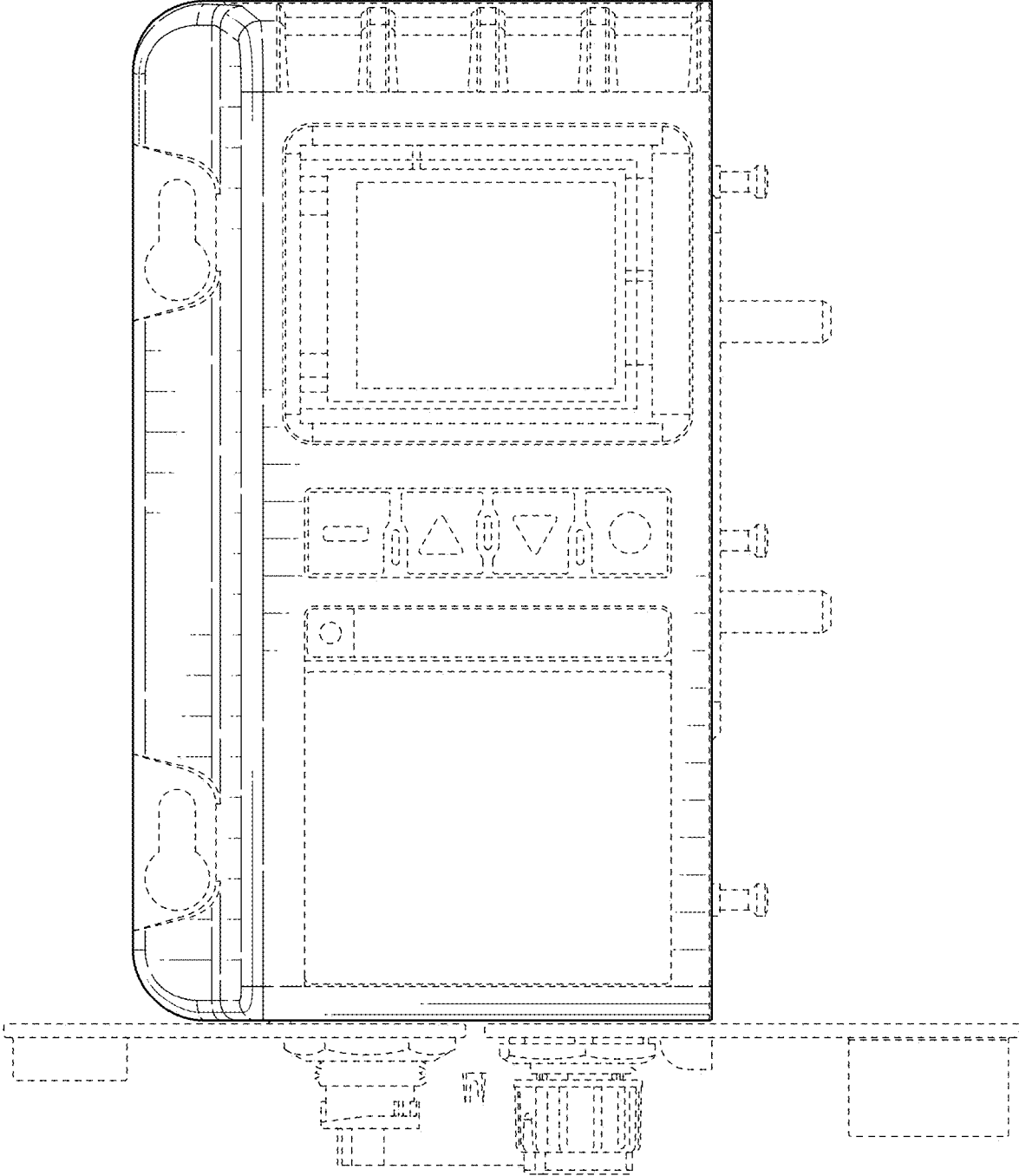


FIG. 11

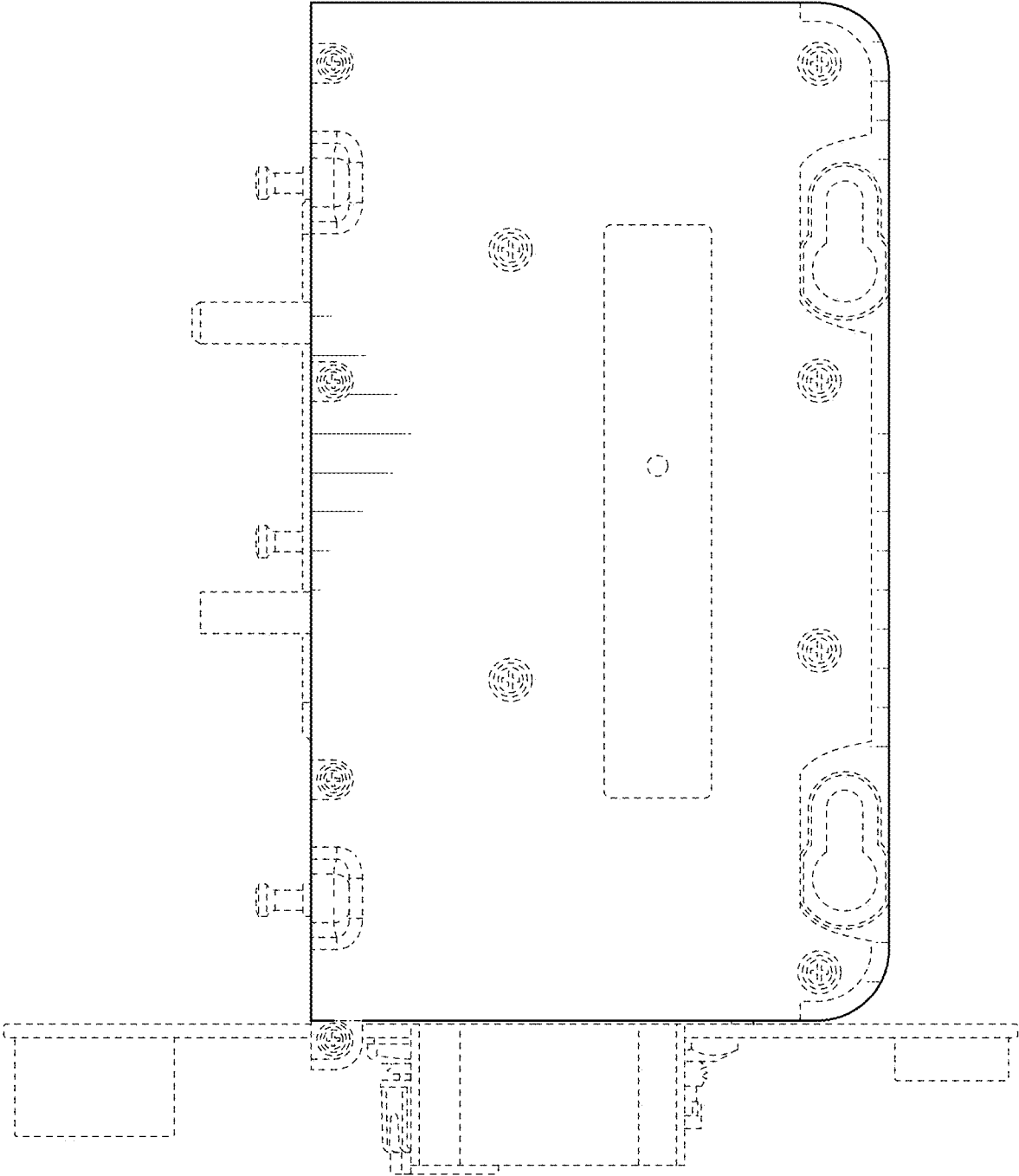


FIG. 12

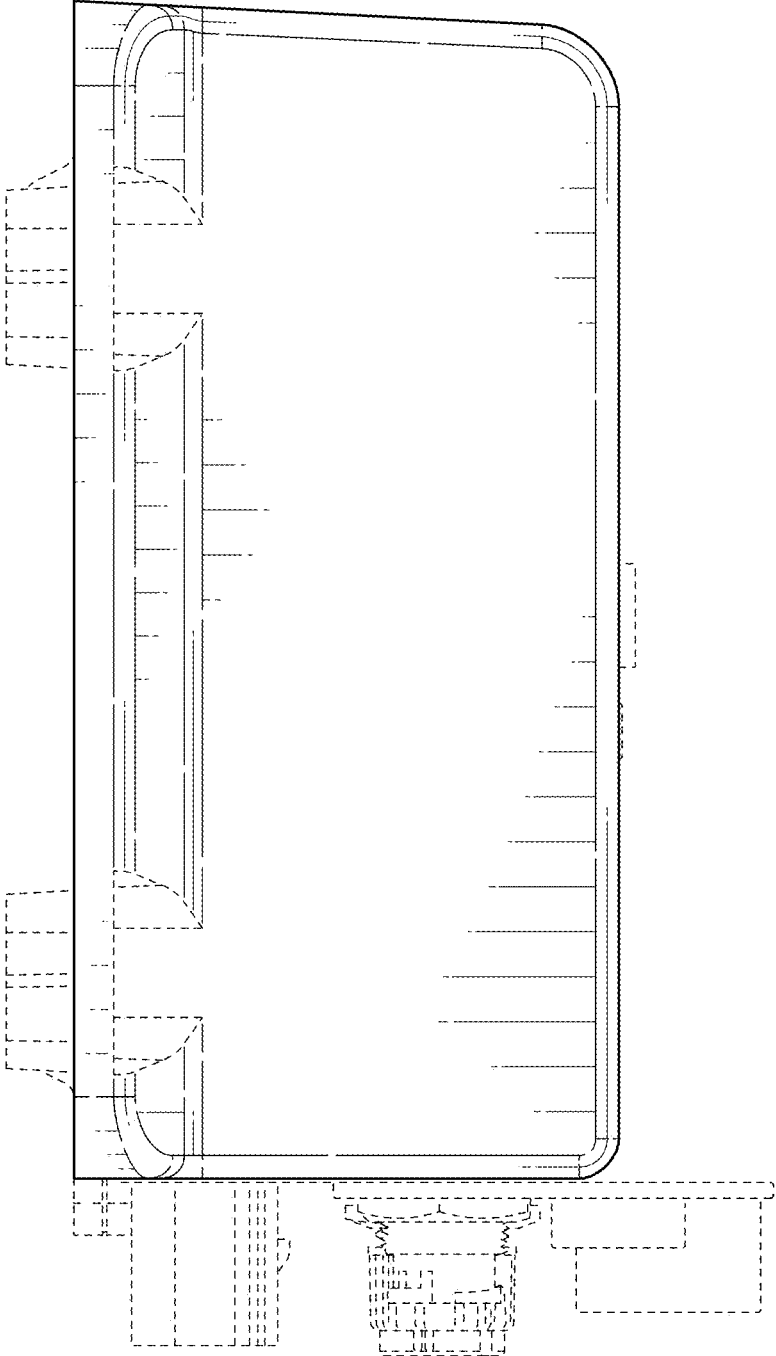


FIG. 13

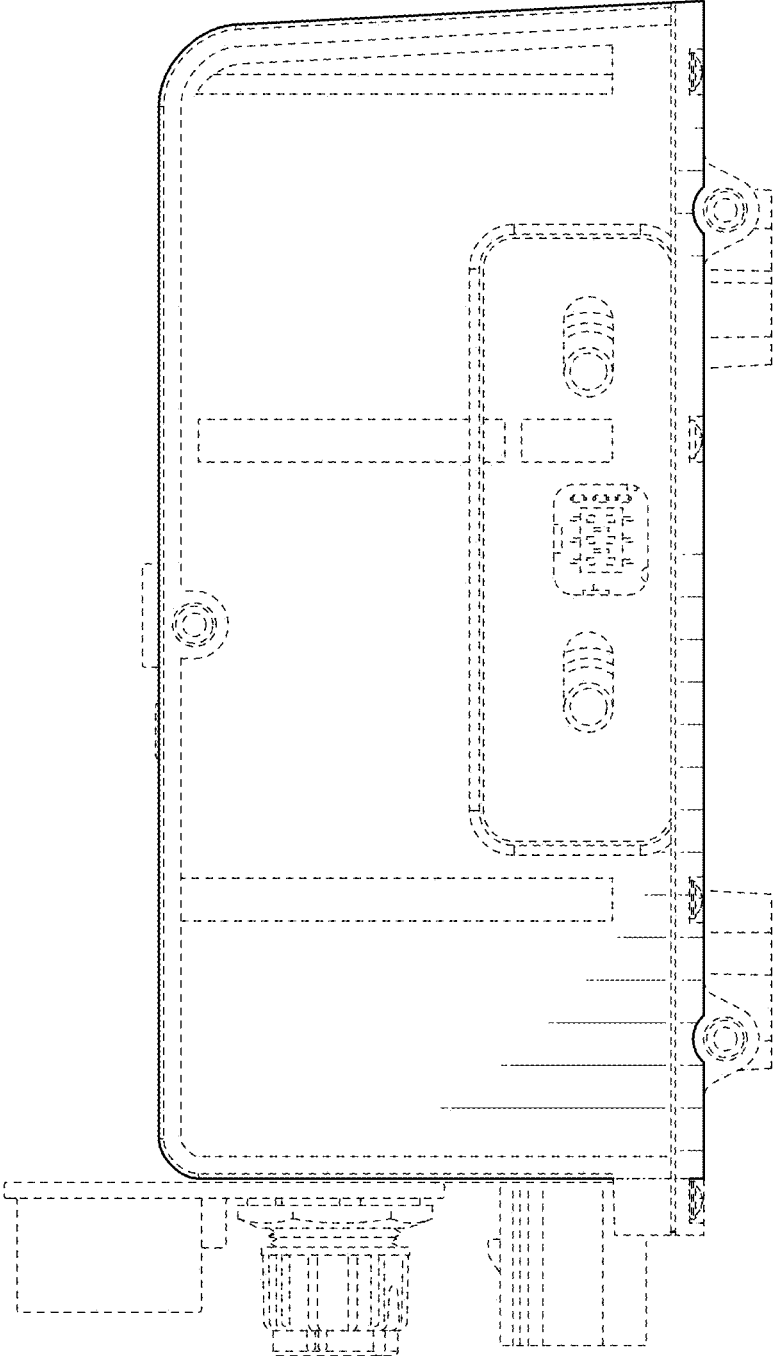


FIG. 14

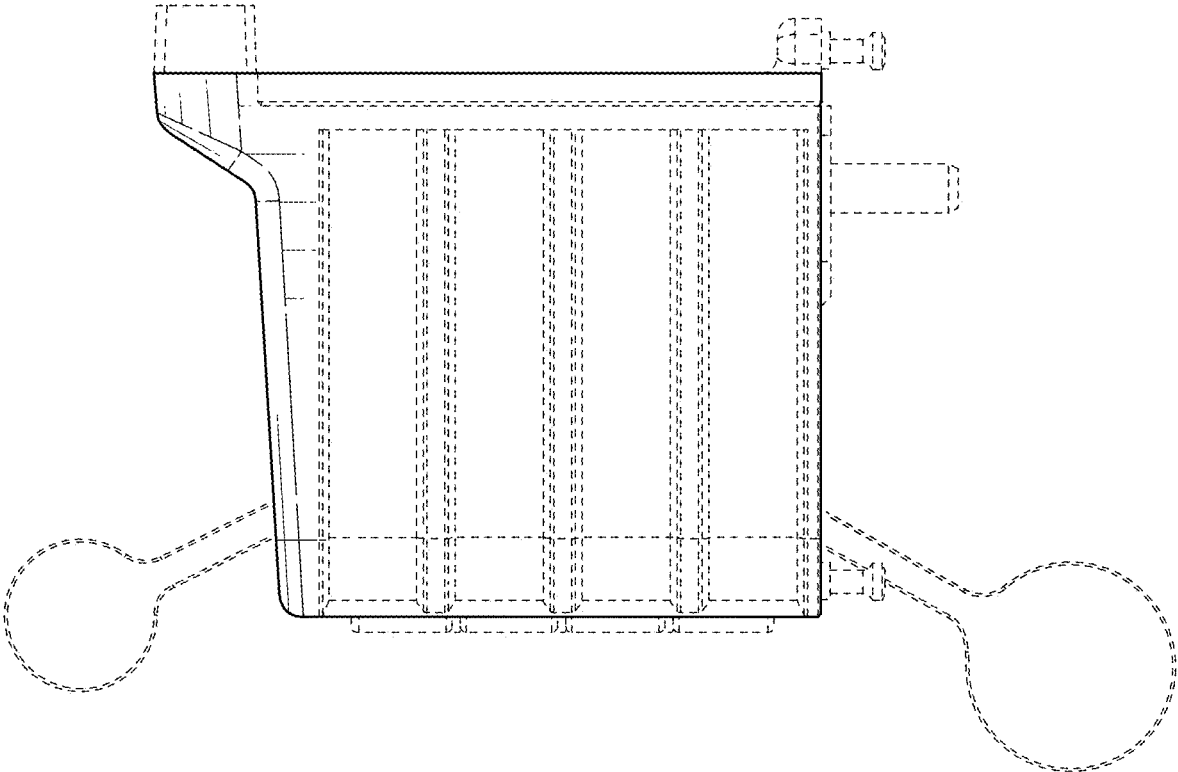


FIG. 15

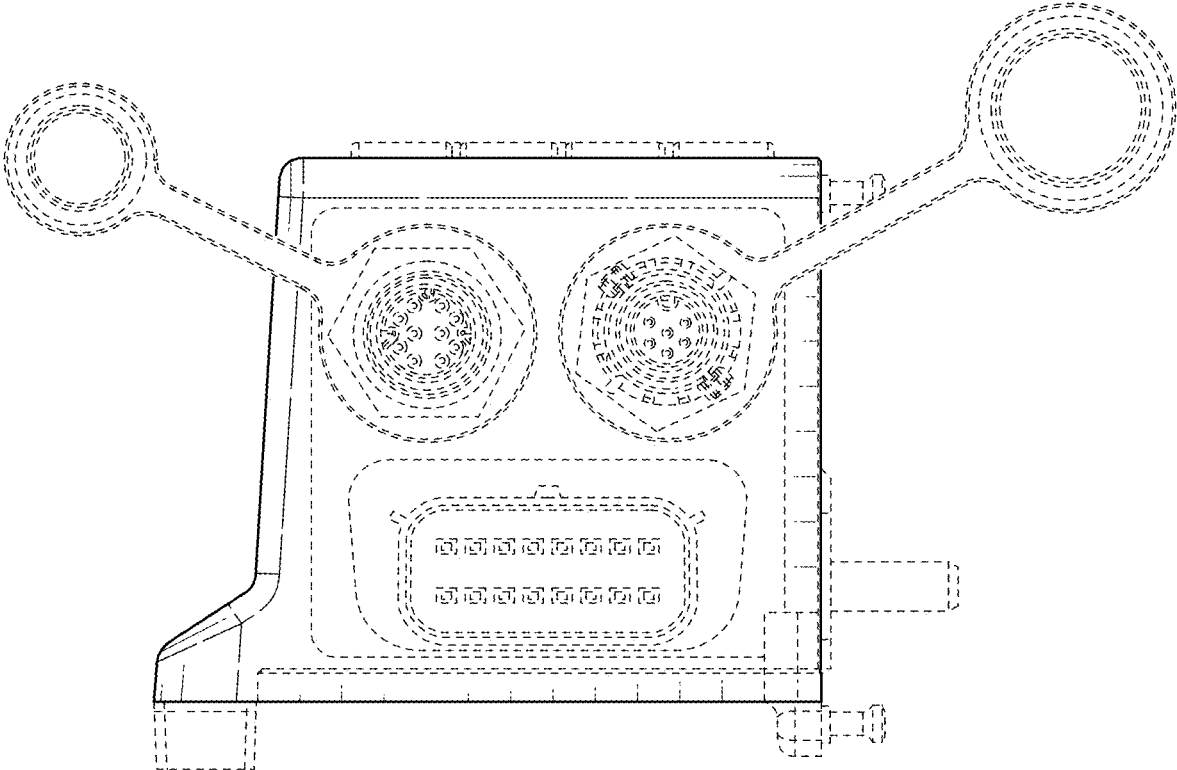


FIG. 16