



US0D1089578S

(12) **United States Design Patent** (10) **Patent No.: US D1,089,578 S**  
**Bellamy et al.** (45) **Date of Patent: \*\* Aug. 19, 2025**

(54) **MODULAR POOL AND SPA HEATER**

(71) Applicant: **Pentair Water Pool and Spa, Inc.,**  
Cary, NC (US)

(72) Inventors: **Mitchell Bellamy**, Cary, NC (US);  
**Mauricio Valencia**, Cary, NC (US);  
**Michael Chapman**, Cary, NC (US);  
**Montie Roland**, Cary, NC (US); **Josh**  
**Lutter**, Cary, NC (US)

(73) Assignee: **Pentair Water Pool and Spa, Inc.,**  
Cary, NC (US)

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

(21) Appl. No.: **29/789,058**

(22) Filed: **Aug. 27, 2021**

(51) **LOC (15) Cl.** ..... **23-03**

(52) **U.S. Cl.**  
USPC ..... **D23/318**

(58) **Field of Classification Search**  
USPC ..... D23/314, 315, 316, 318, 319, 320, 321  
(Continued)

(56) **References Cited**

U.S. PATENT DOCUMENTS

D96,595 S \* 8/1935 Craig ..... D23/320  
D96,904 S \* 9/1935 Craver ..... D23/318  
(Continued)

*Primary Examiner* — Ania Aman

(74) *Attorney, Agent, or Firm* — Husch Blackwell LLP

(57) **CLAIM**

The ornamental design for a modular pool and spa heater, as shown and described.

**DESCRIPTION**

FIG. 1 is an isometric view of a top, front, and left side of a modular pool and spa heater in a first configuration;

FIG. 2 is a front elevational view of the modular pool and spa heater of FIG. 1;

FIG. 3 is a rear elevational view of the modular pool and spa heater of FIG. 1;

FIG. 4 is a left side elevational view of the modular pool and spa heater of FIG. 1;

FIG. 5 is a right side elevational view of the modular pool and spa heater of FIG. 1;

FIG. 6 is a top plan view of the modular pool and spa heater of FIG. 1;

FIG. 7 is a bottom plan view of the modular pool and spa heater of FIG. 1;

FIG. 8 is an isometric view of a top, front, and left side of the modular pool and spa heater of FIG. 1 in a second configuration;

FIG. 9 is a front elevational view of the modular pool and spa heater of FIG. 8;

FIG. 10 is a rear elevational view of the modular pool and spa heater of FIG. 8;

FIG. 11 is a left side elevational view of the modular pool and spa heater of FIG. 8;

FIG. 12 is a right side elevational view of the modular pool and spa heater of FIG. 8;

FIG. 13 is a top plan view of the modular pool and spa heater of FIG. 8;

FIG. 14 is a bottom plan view of the modular pool and spa heater of FIG. 8;

FIG. 15 is an isometric view of a top, front, and left side of the modular pool and spa heater of FIG. 1 in a third configuration;

FIG. 16 is a front elevational view of the modular pool and spa heater of FIG. 15;

FIG. 17 is a rear elevational view of the modular pool and spa heater of FIG. 15;

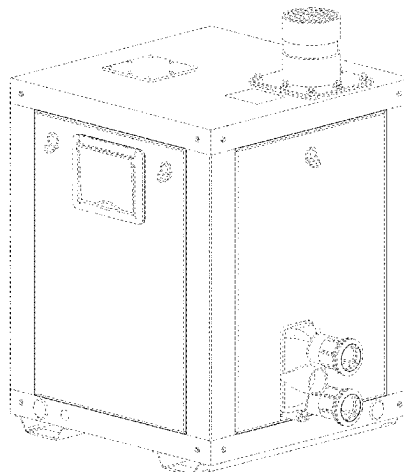
FIG. 18 is a left side elevational view of the modular pool and spa heater of FIG. 15;

FIG. 19 is a right side elevational view of the modular pool and spa heater of FIG. 15;

FIG. 20 is a top plan view of the modular pool and spa heater of FIG. 15; and,

FIG. 21 is a bottom plan view of the modular pool and spa heater of FIG. 15.

(Continued)



The dash-dash-dash lines are for the purpose of illustrating environmental structure and form no part of the claimed design.

# **1 Claim, 21 Drawing Sheets**

## (58) **Field of Classification Search**

CPC ..... F24H 4/02; F24H 4/00; F24H 4/04; F24H  
15/37; F24H 9/2007; E04H 4/129  
See application file for complete search history.

## (56) **References Cited**

### U.S. PATENT DOCUMENTS

3,684,169 A \* 8/1972 Clinton ..... G05D 23/1333  
236/20 R  
4,088,113 A \* 5/1978 McIntire ..... F24H 15/25  
126/513

5,809,942 A \* 9/1998 Kralovec ..... F24H 9/2007  
4/493  
D627,041 S \* 11/2010 Fournier ..... D23/314  
D726,294 S \* 4/2015 Bacigalupo ..... D23/318  
2003/0168516 A1 \* 9/2003 Cline ..... E04H 4/129  
237/2 A  
2006/0132320 A1 \* 6/2006 Branzell ..... G01F 23/268  
340/620  
2012/0079995 A1 \* 4/2012 Jacques ..... F24H 9/2007  
122/19.2  
2019/0113260 A1 \* 4/2019 Lowe ..... F25B 30/02  
2020/0024860 A1 \* 1/2020 Georgoff ..... E04H 4/129  
2020/0032536 A1 \* 1/2020 Corn ..... F24H 1/145  
2022/0136269 A1 \* 5/2022 Roy ..... F24H 1/0027  
4/493  
2023/0090852 A1 \* 3/2023 Roy ..... E04H 4/129  
4/493  
2023/0213241 A1 \* 7/2023 Kaeser ..... C23F 13/005  
340/640

\* cited by examiner

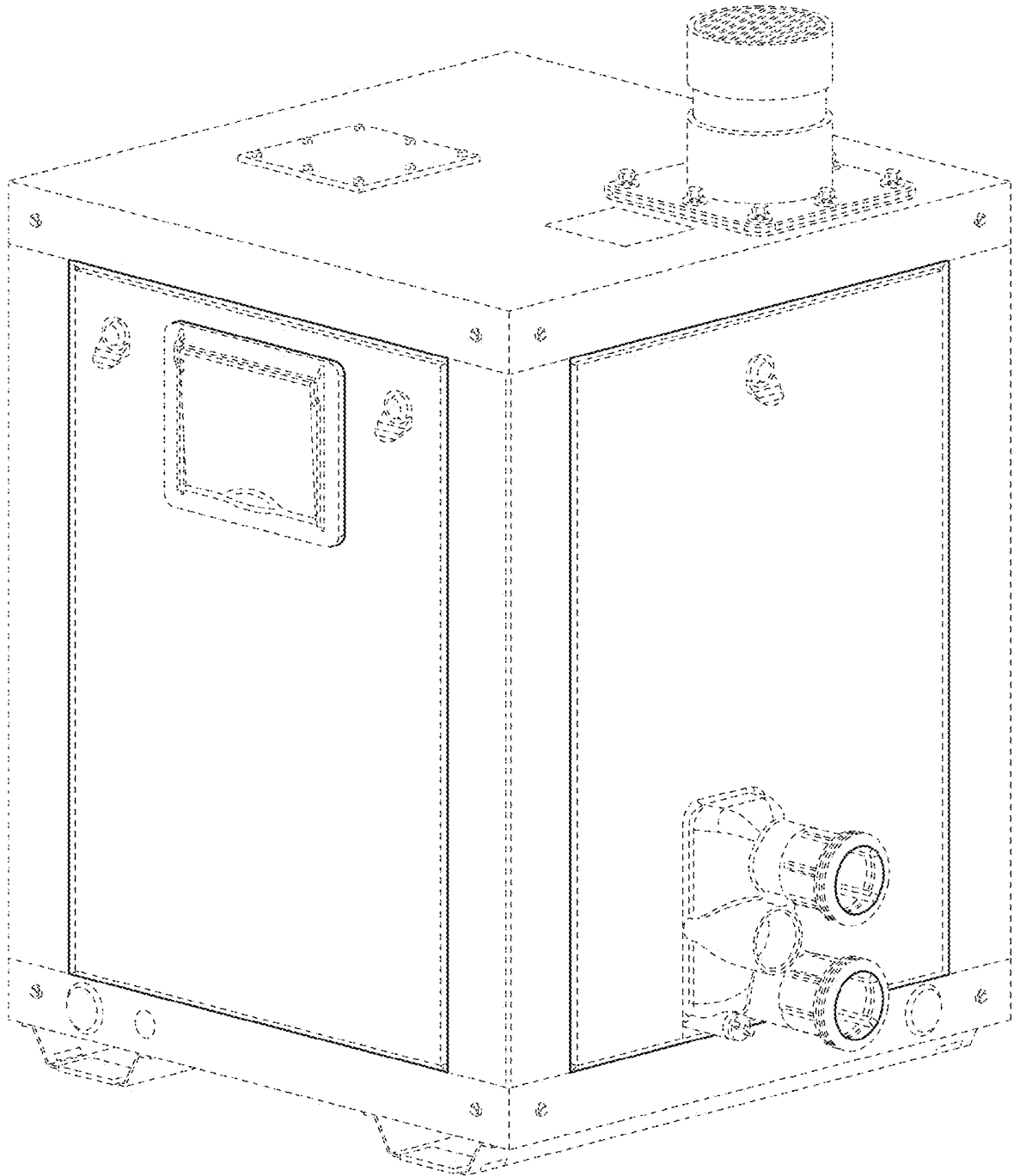


FIG. 1

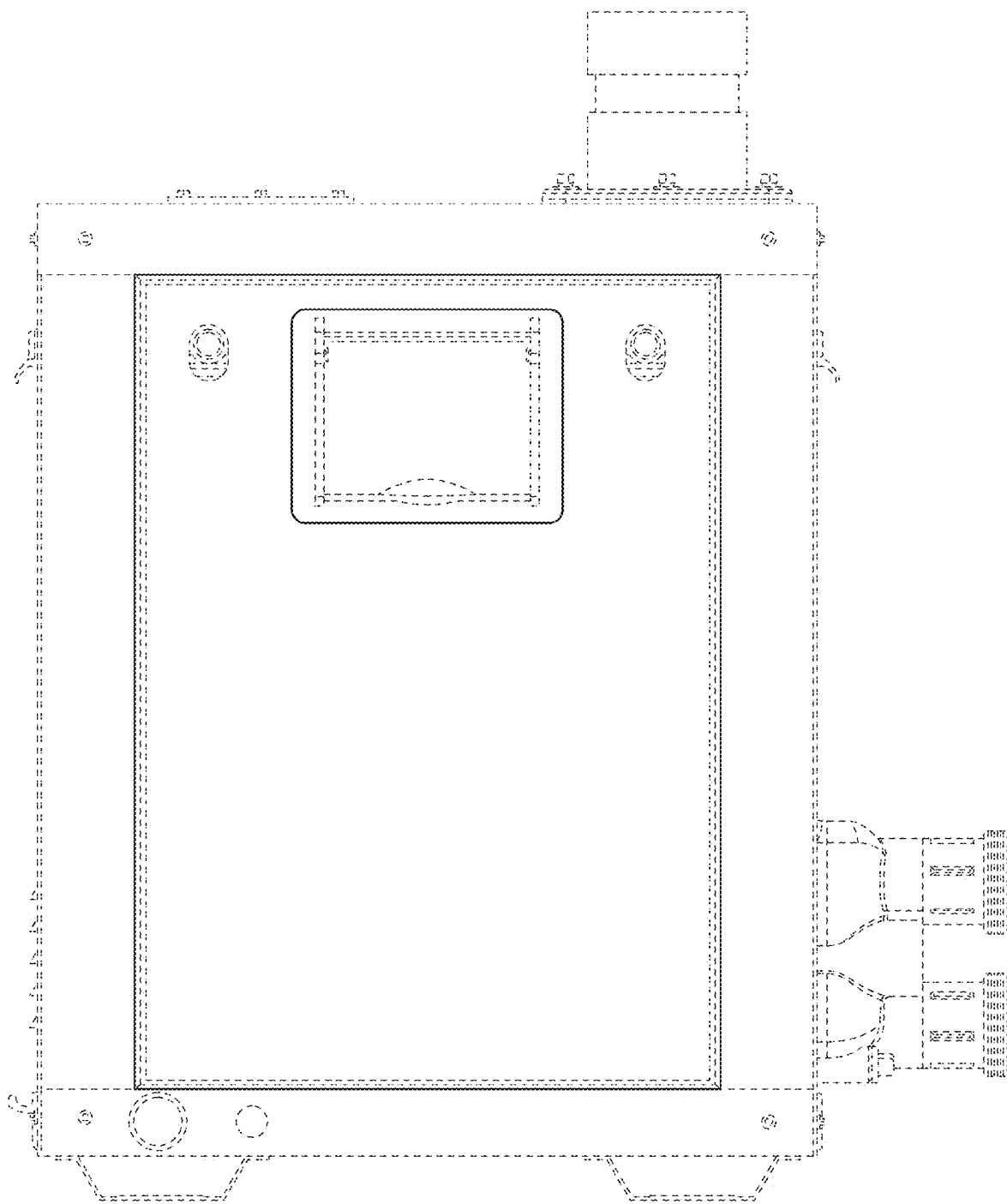


FIG. 2

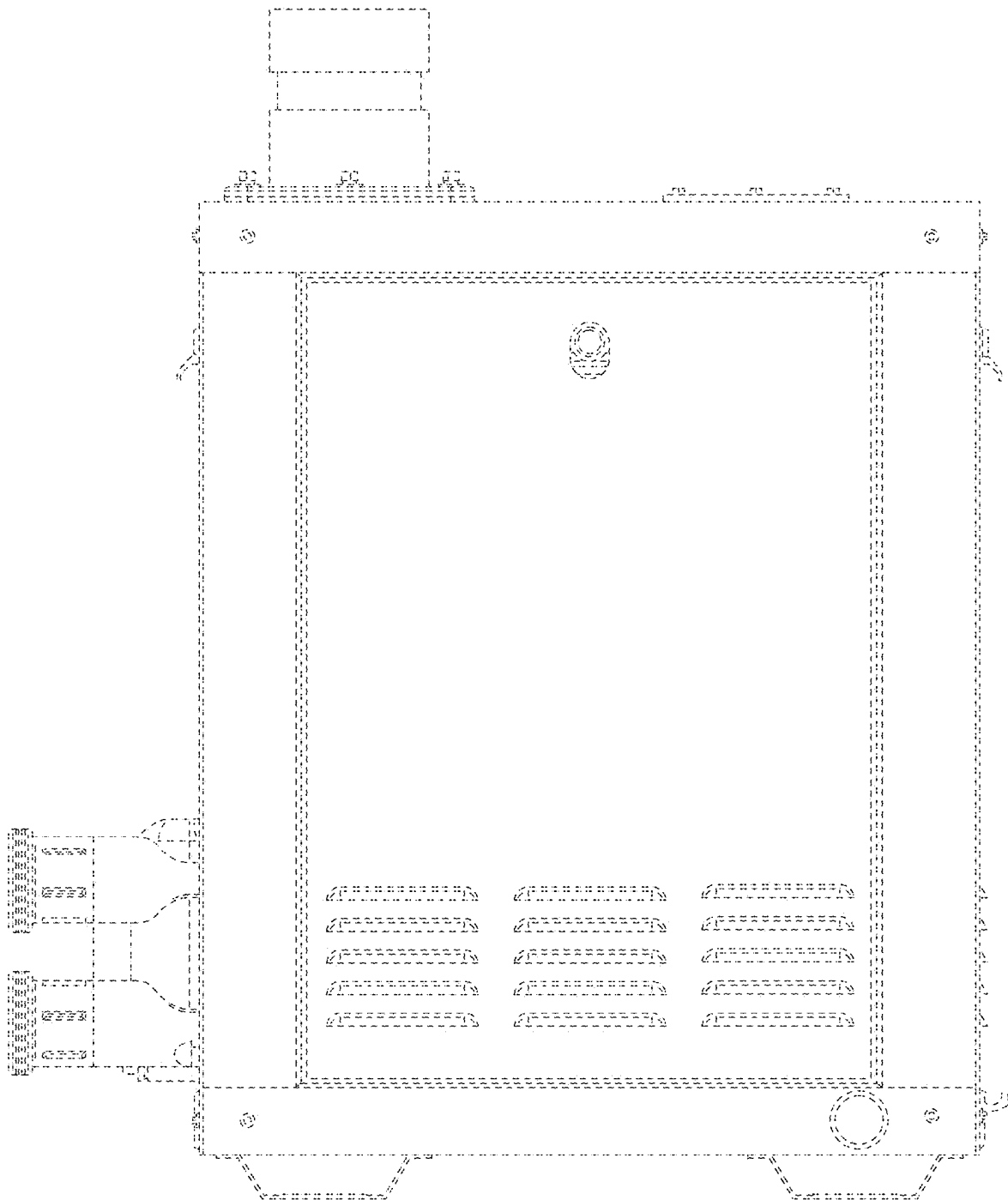


FIG. 3

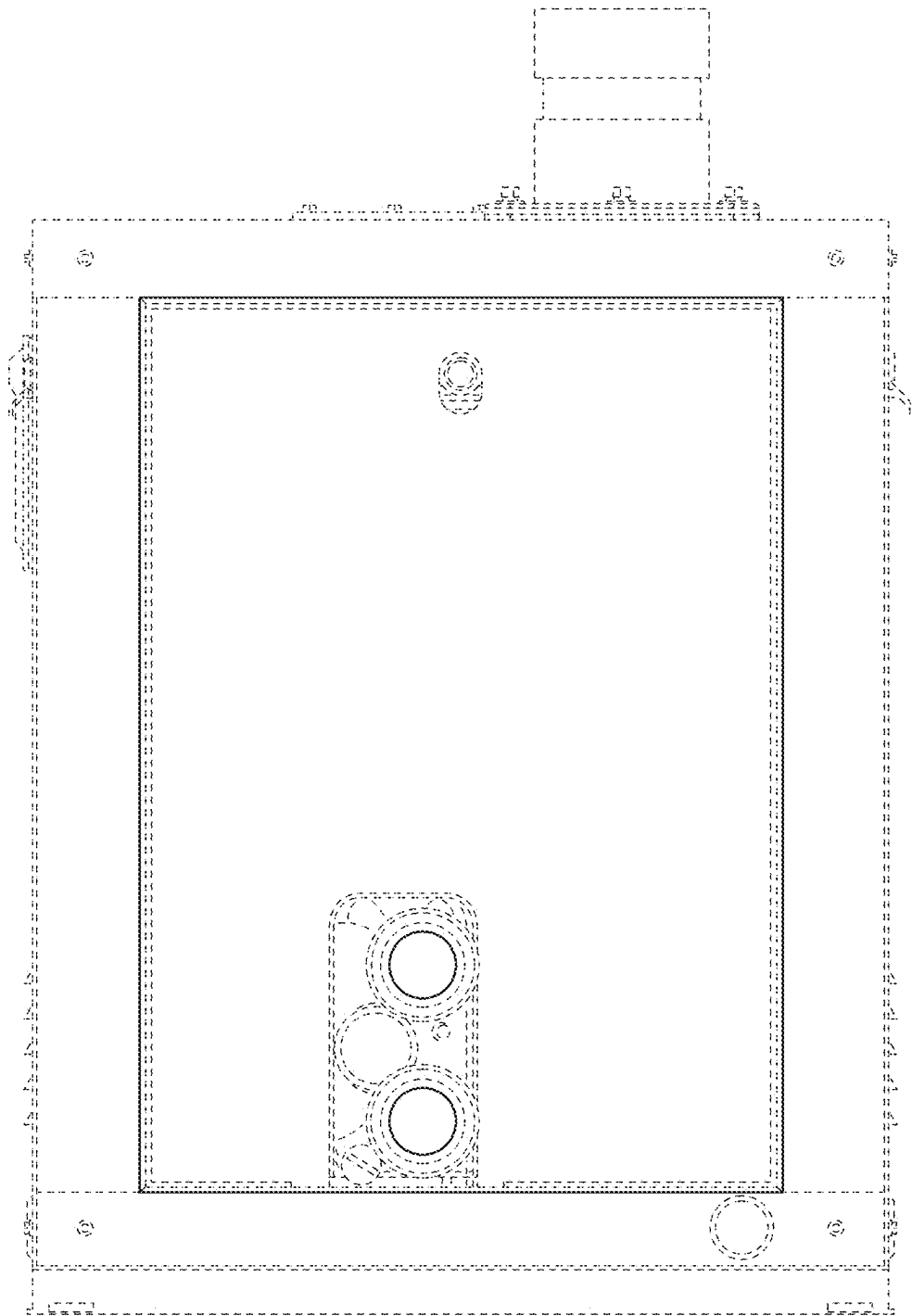


FIG. 4

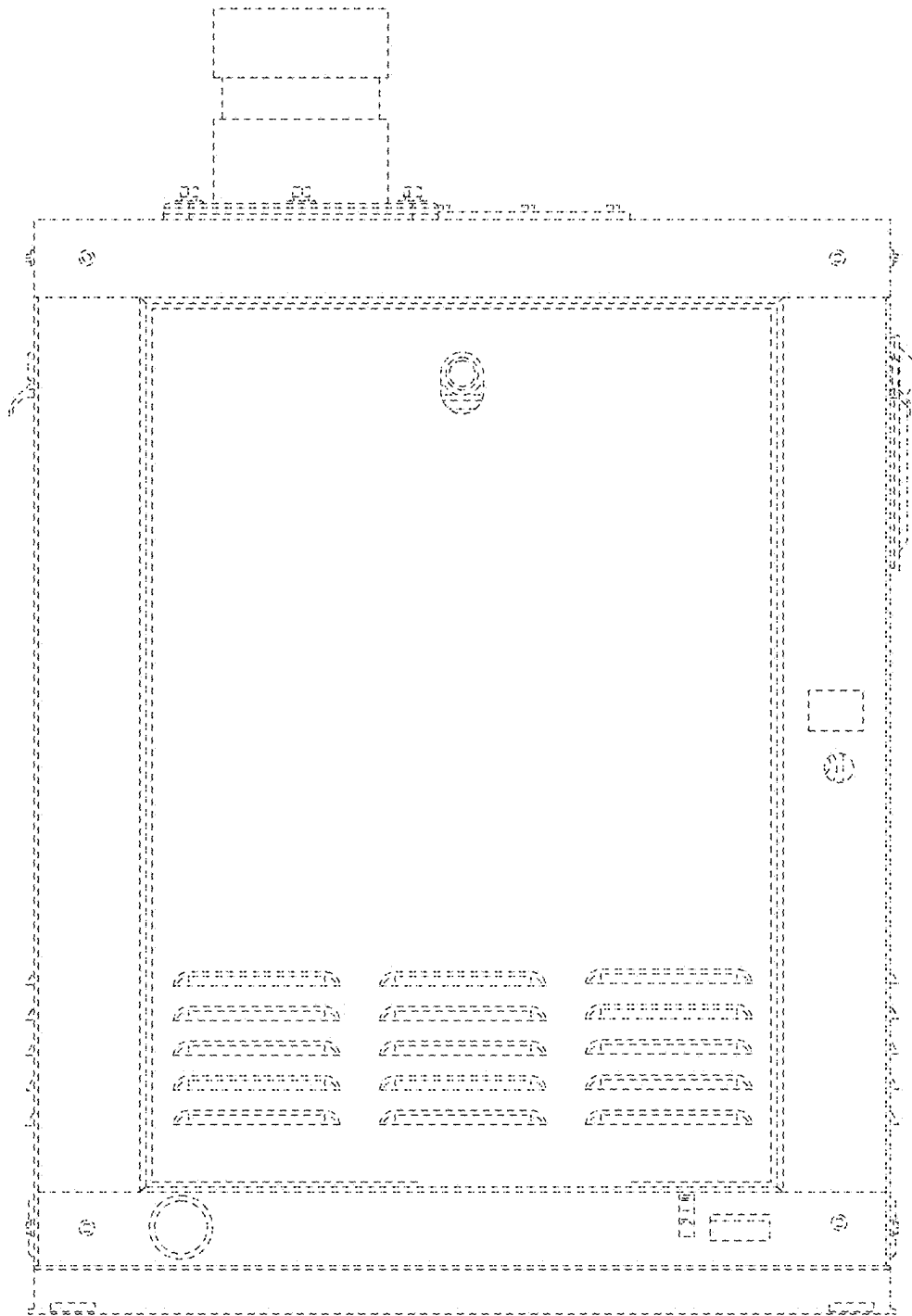


FIG. 5

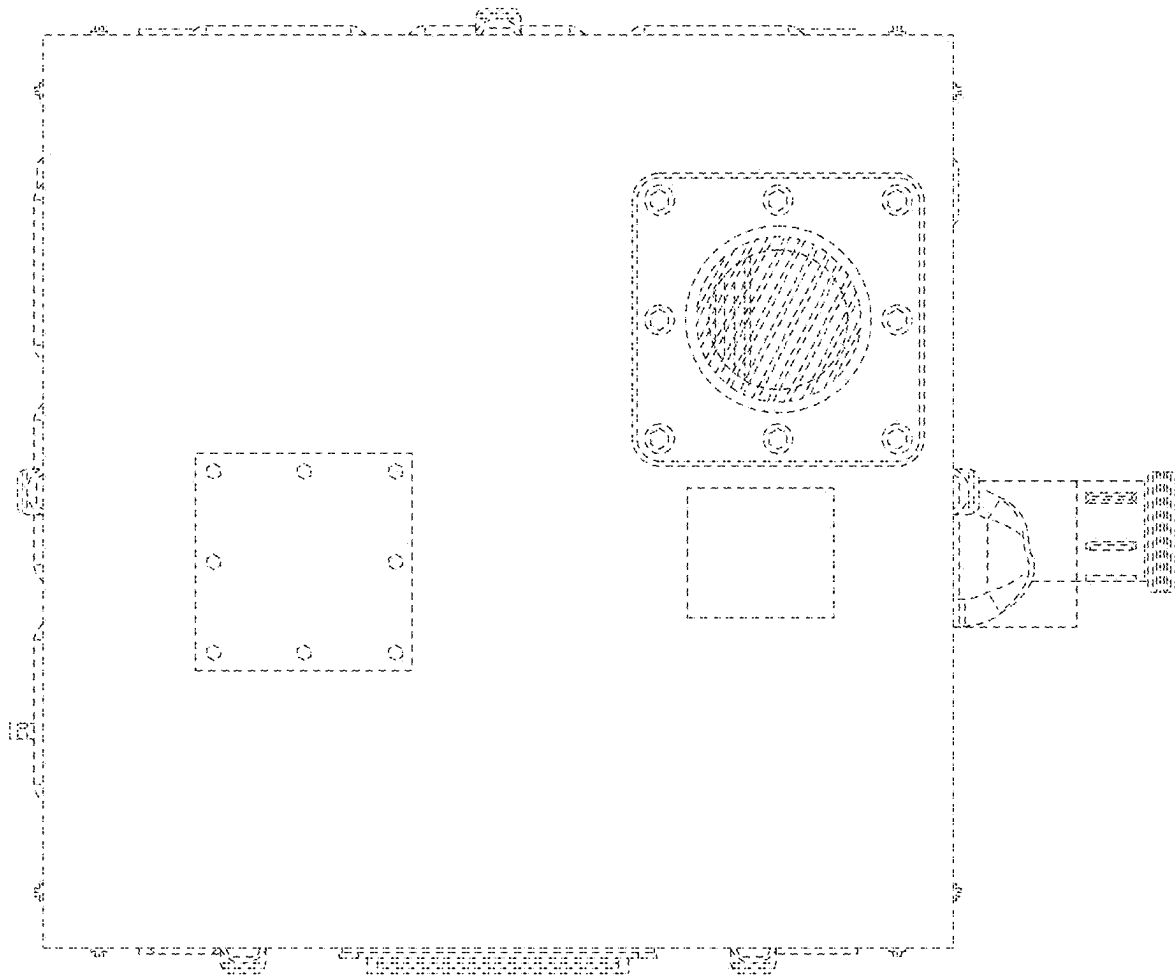


FIG. 6



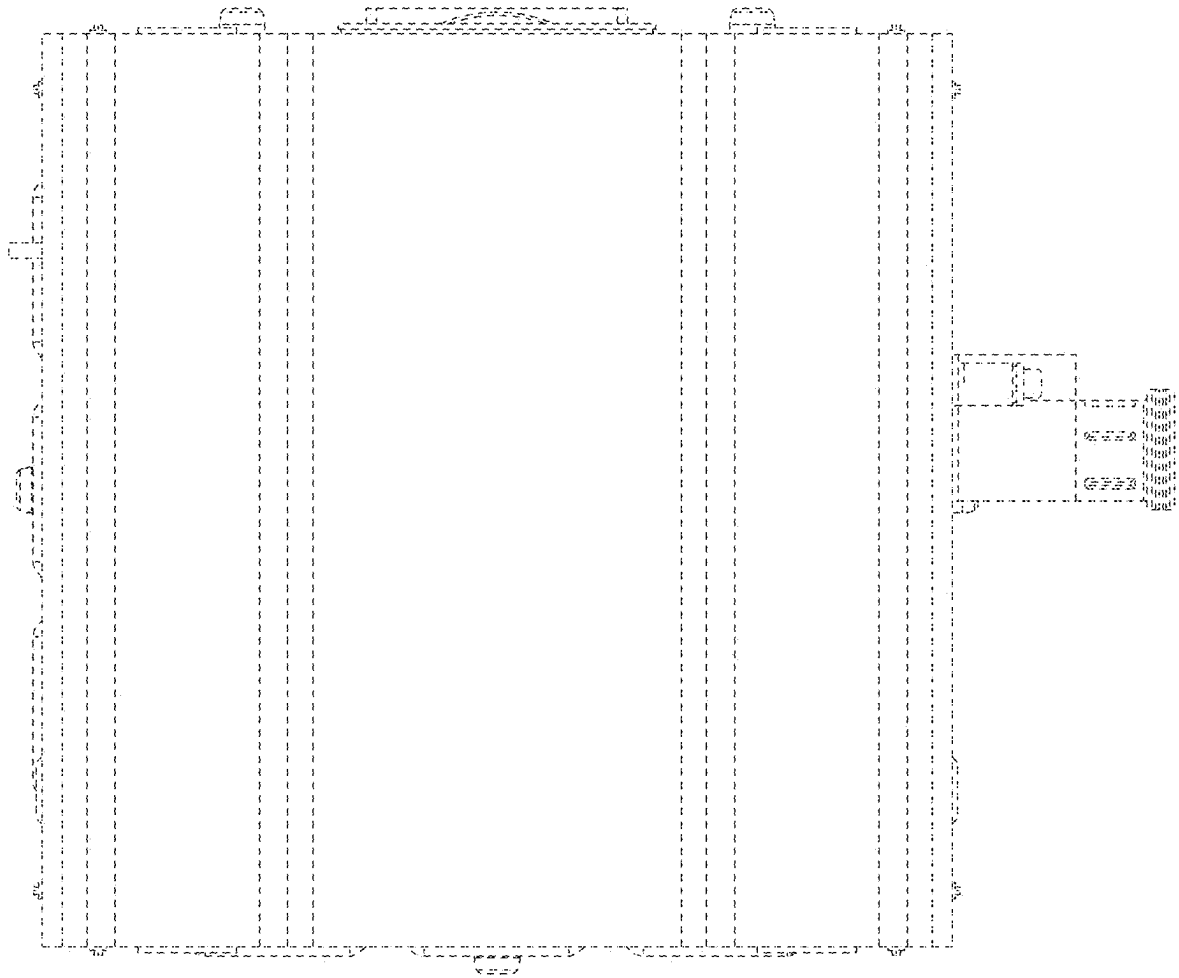


FIG. 7

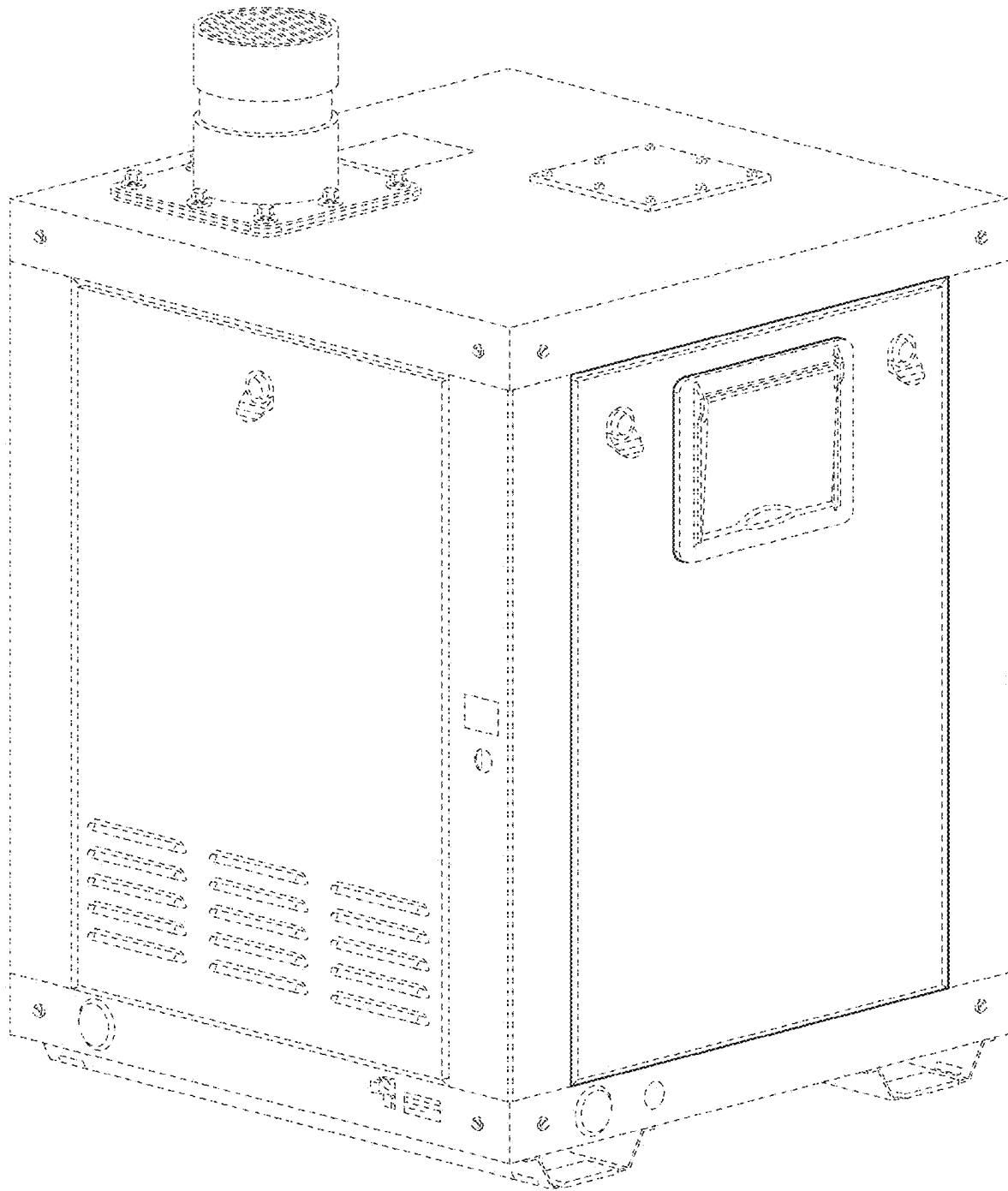


FIG. 8

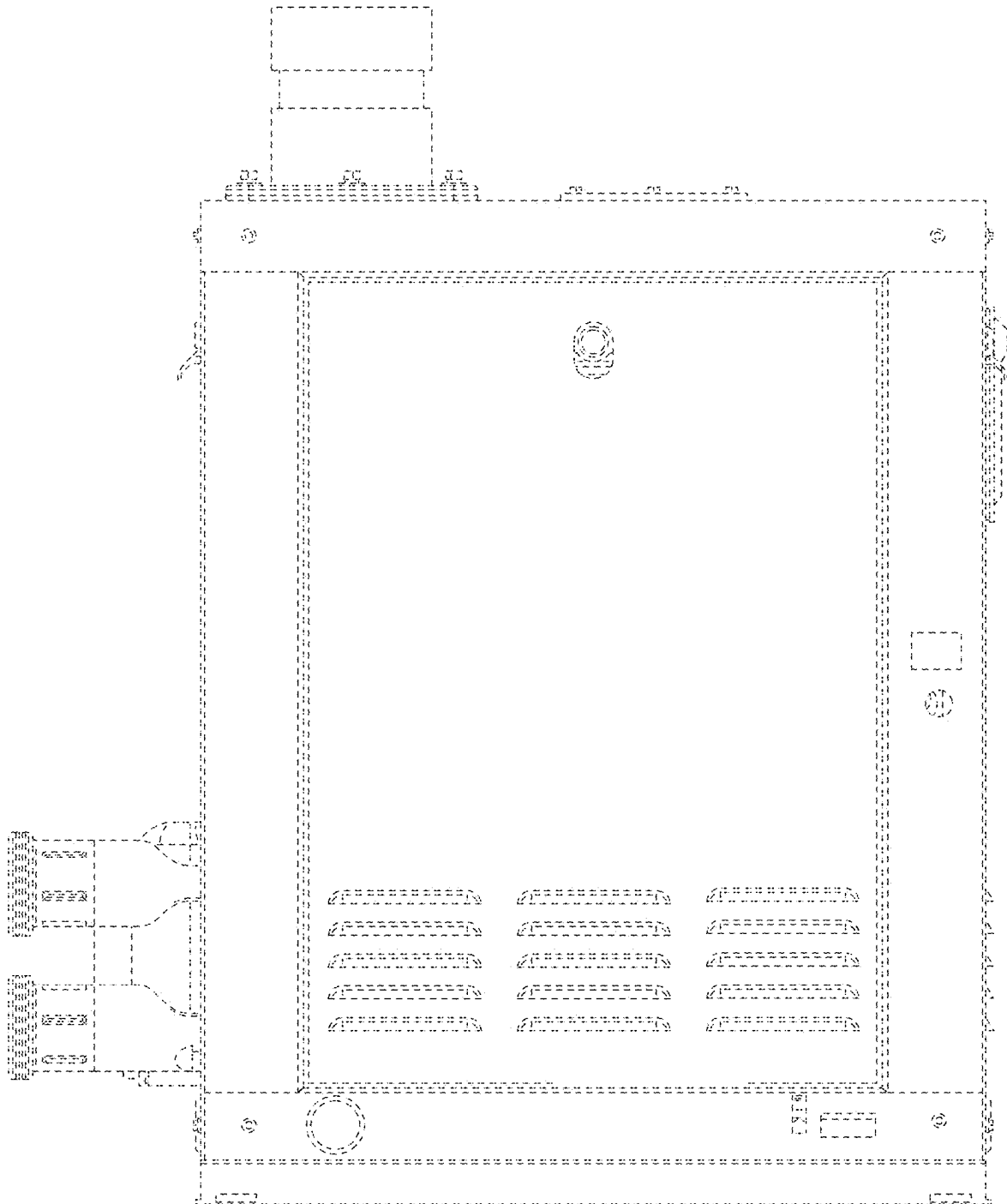


FIG. 9

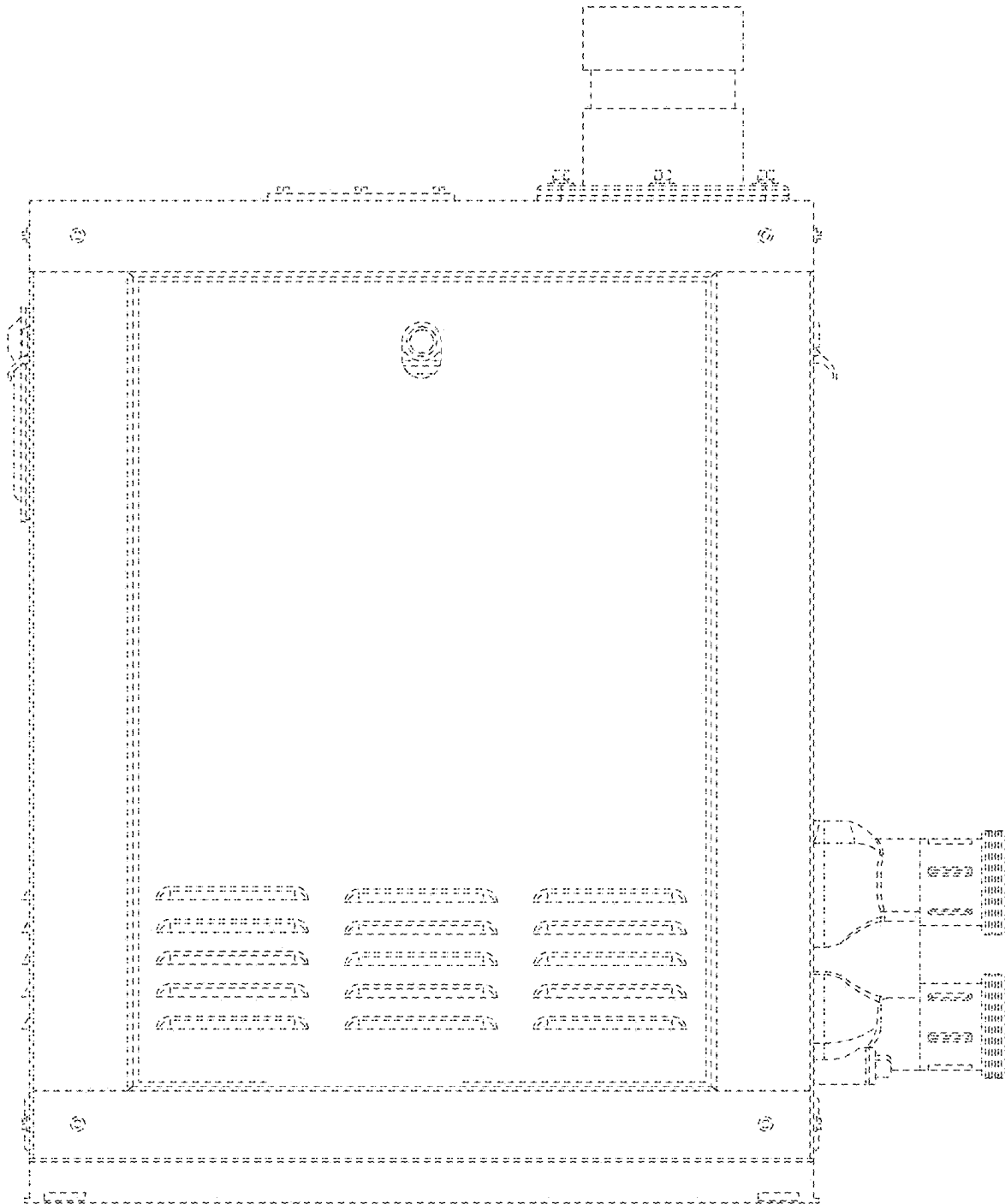


FIG. 10

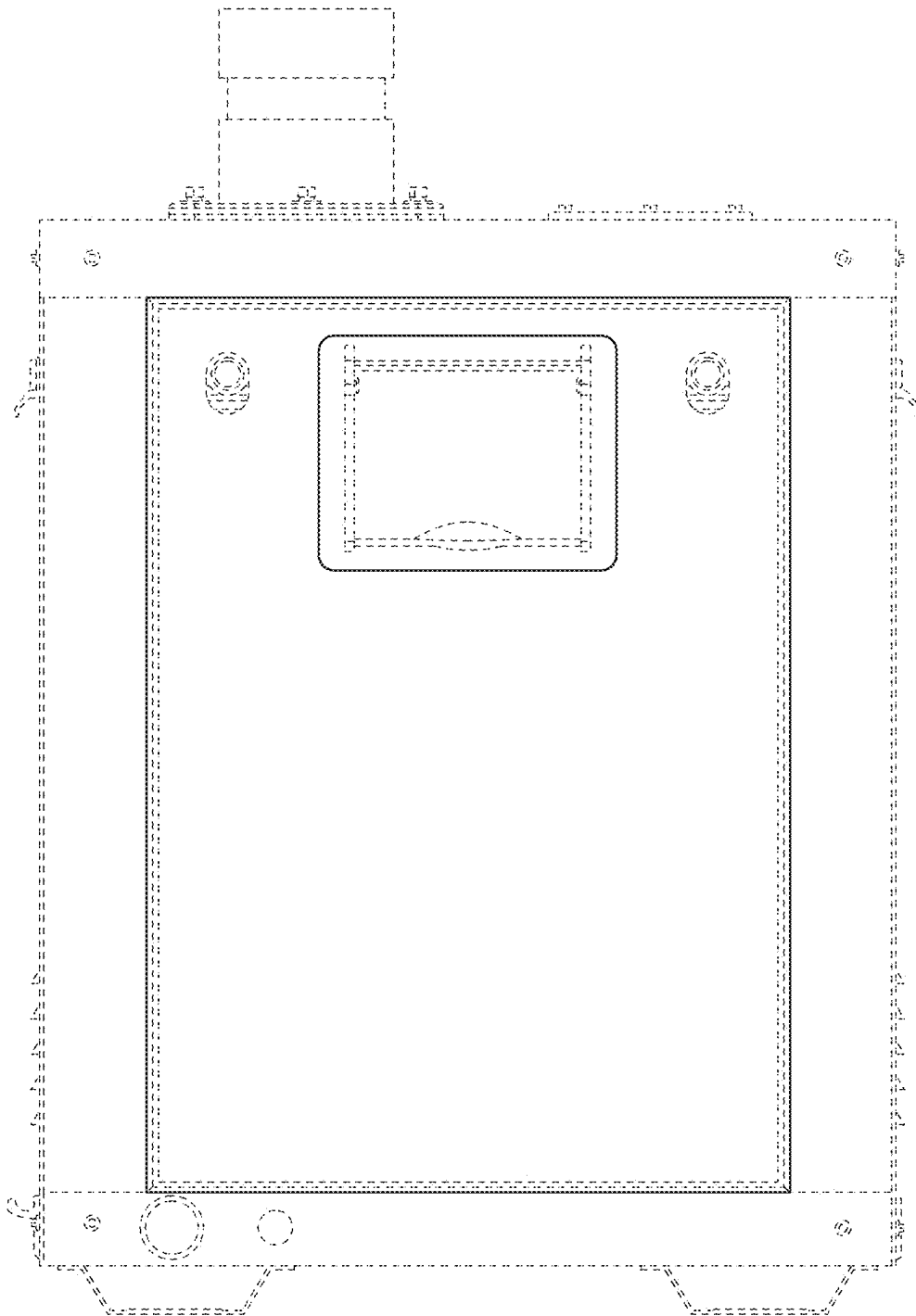


FIG. 11

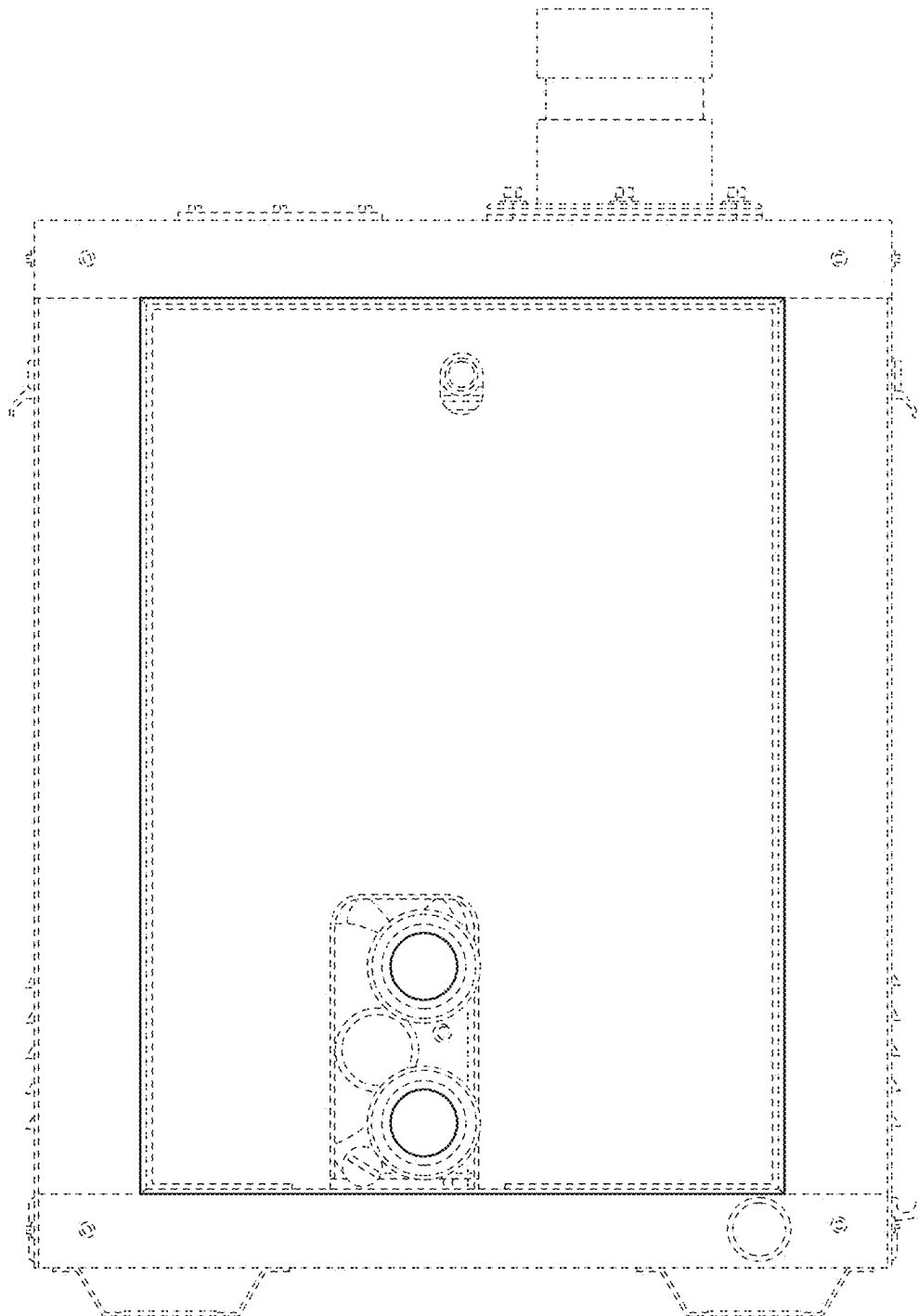


FIG. 12

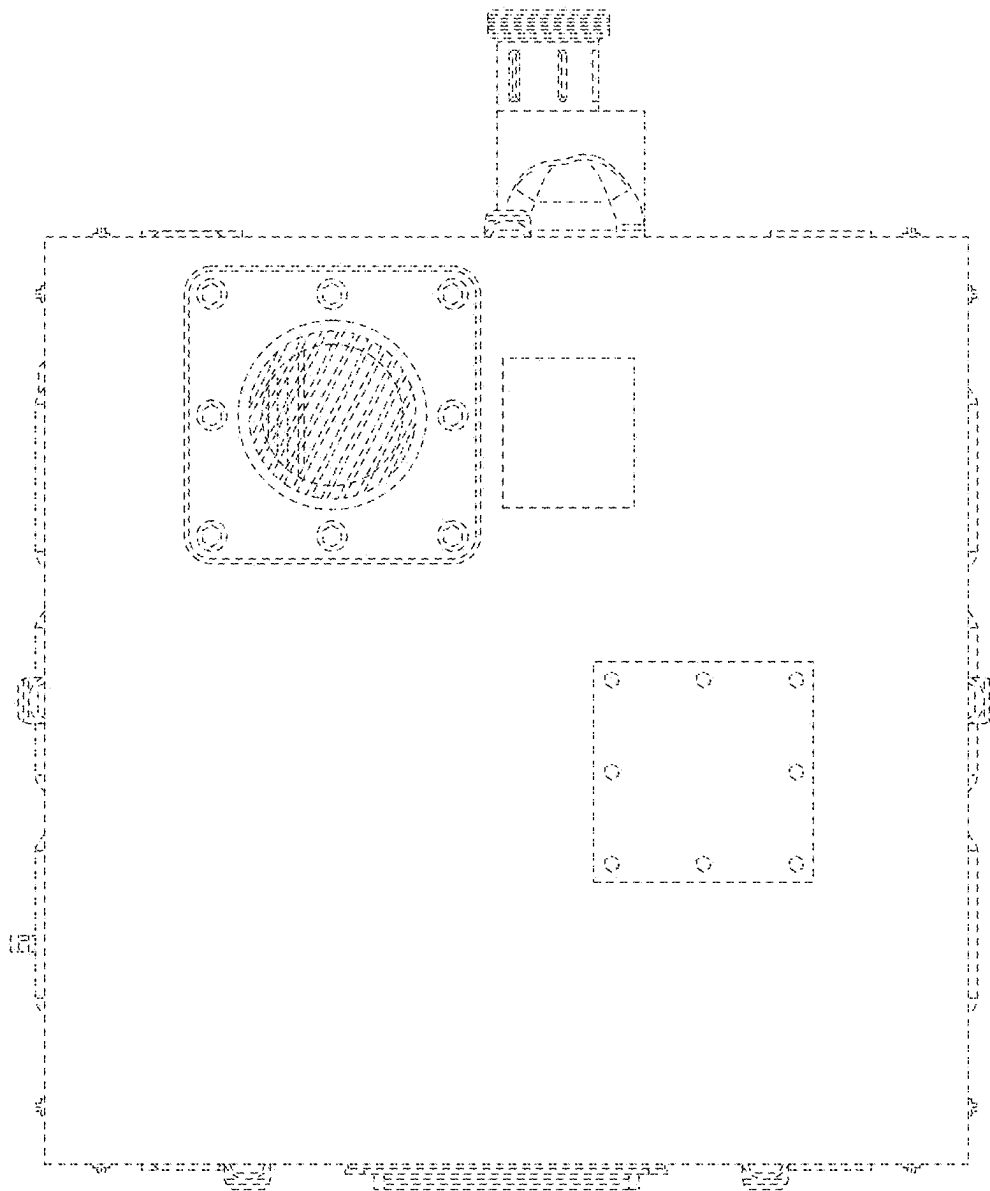


FIG. 13

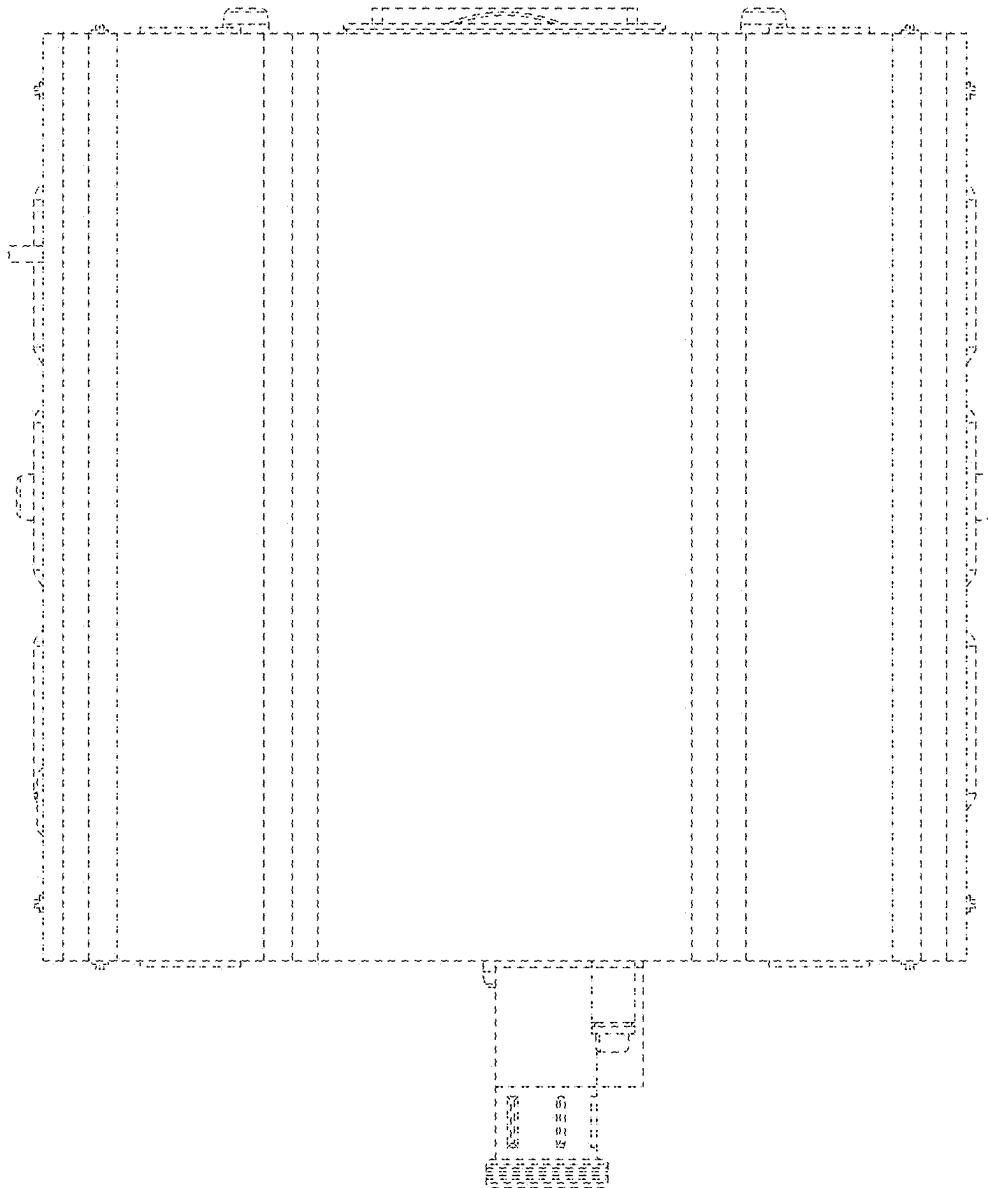


FIG. 14



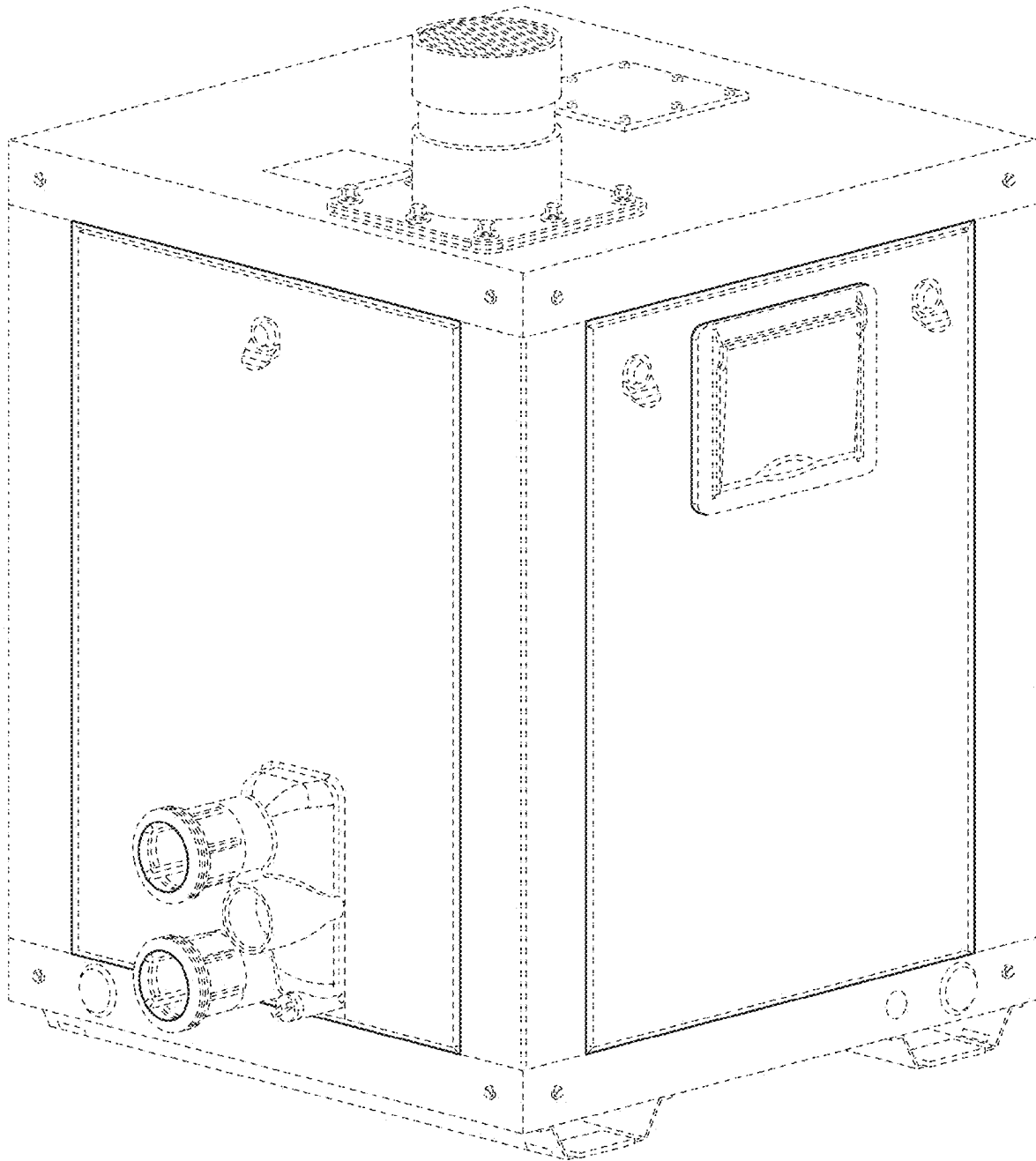


FIG. 15

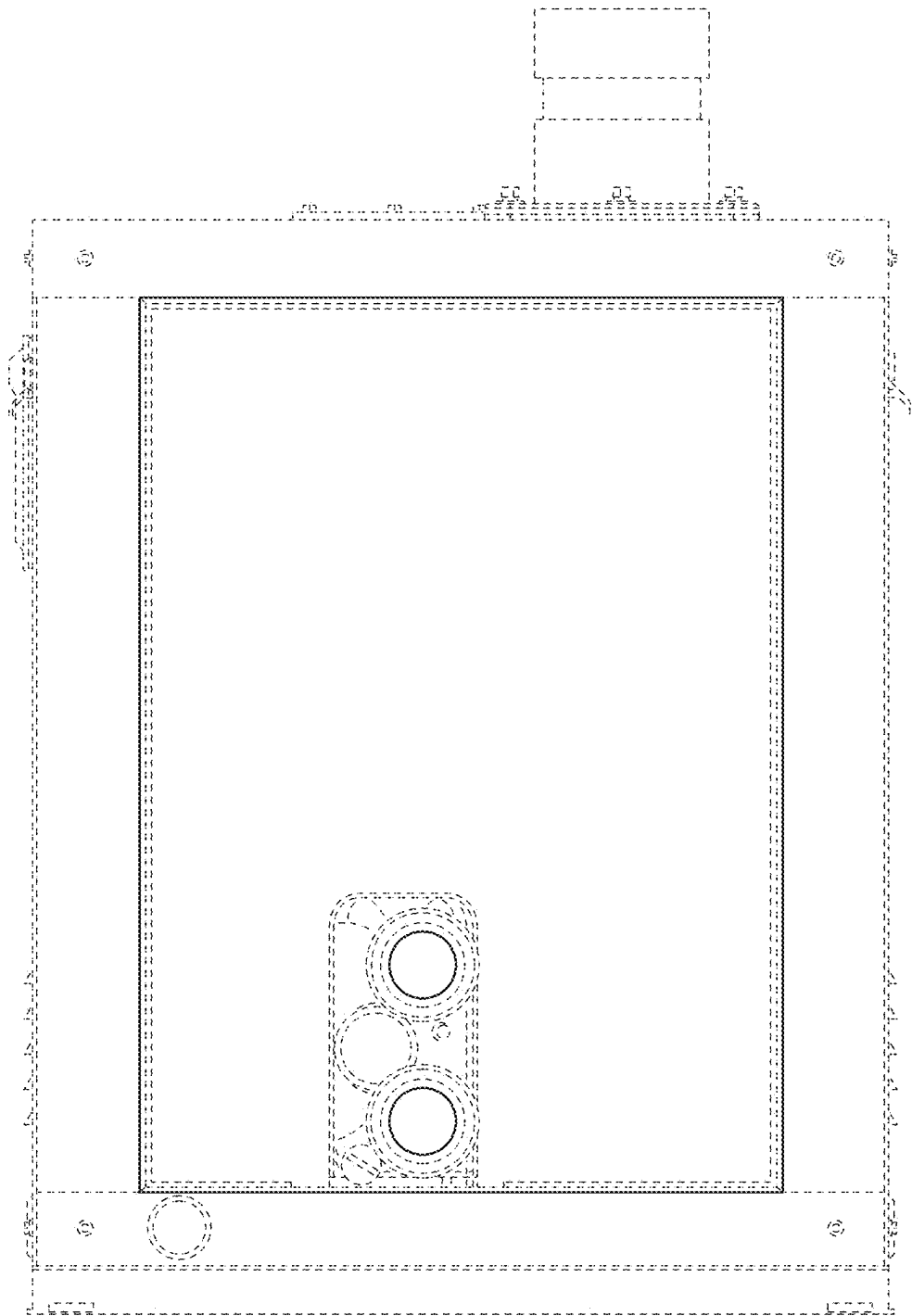


FIG. 16

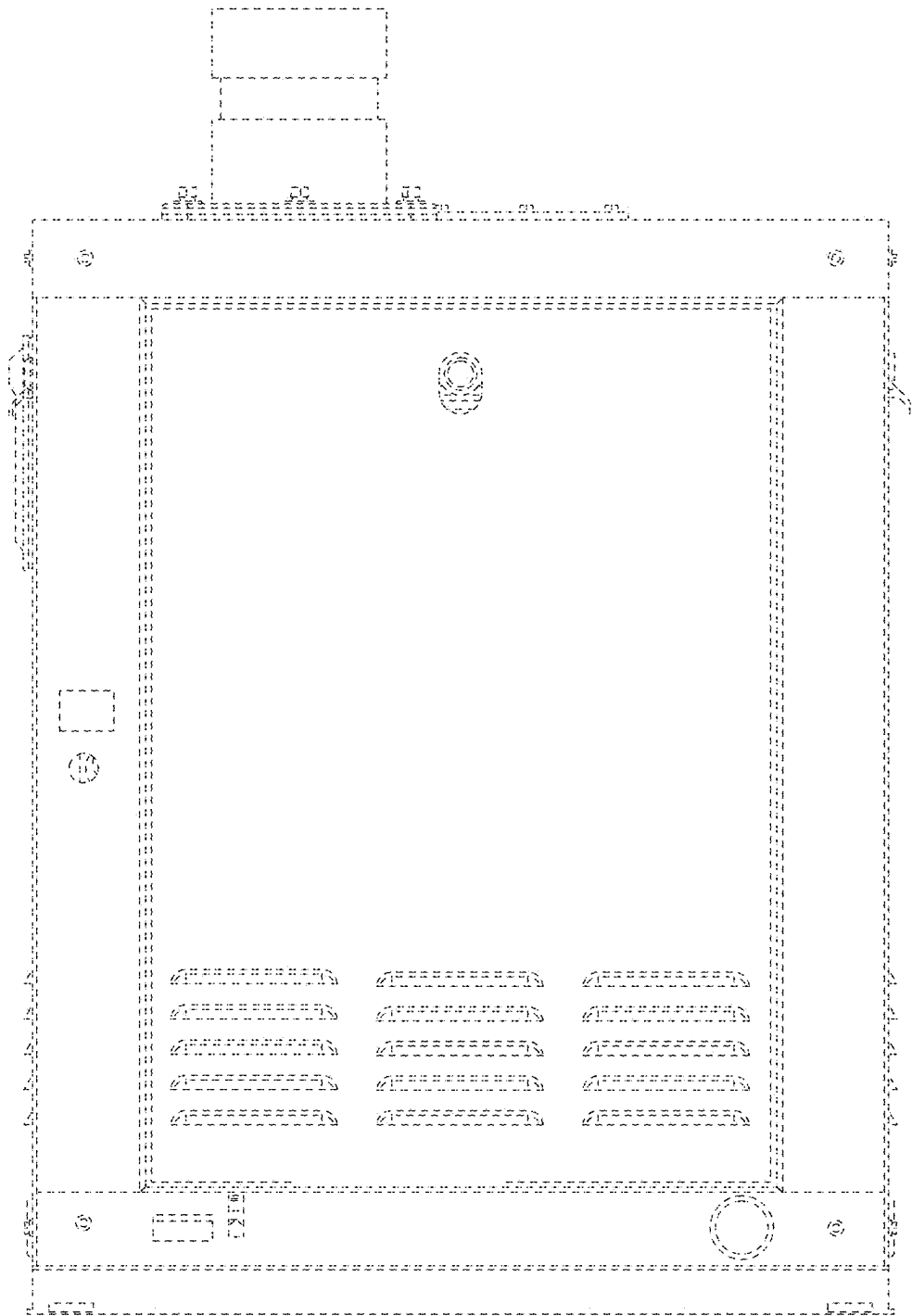


FIG. 17

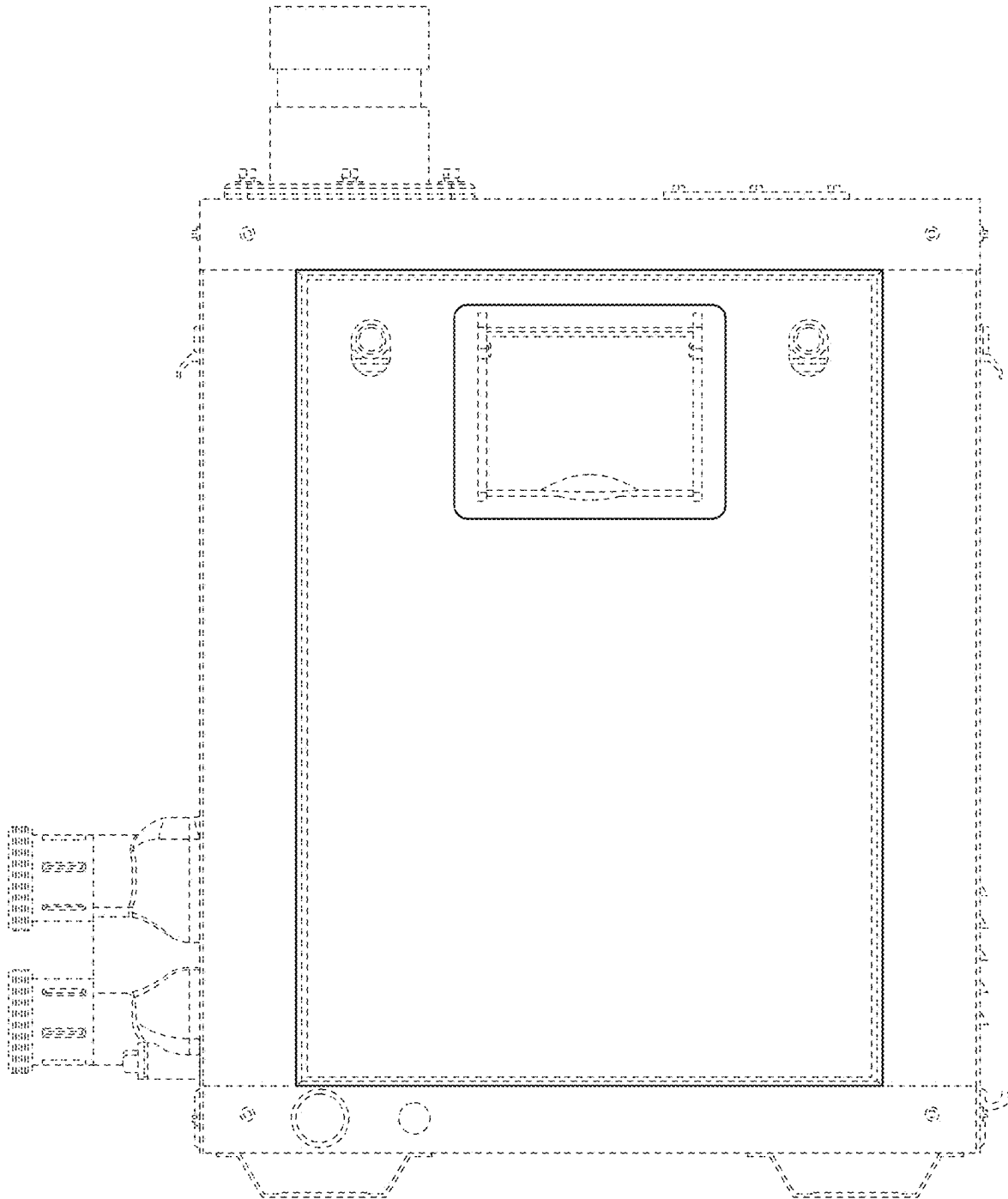


FIG. 18

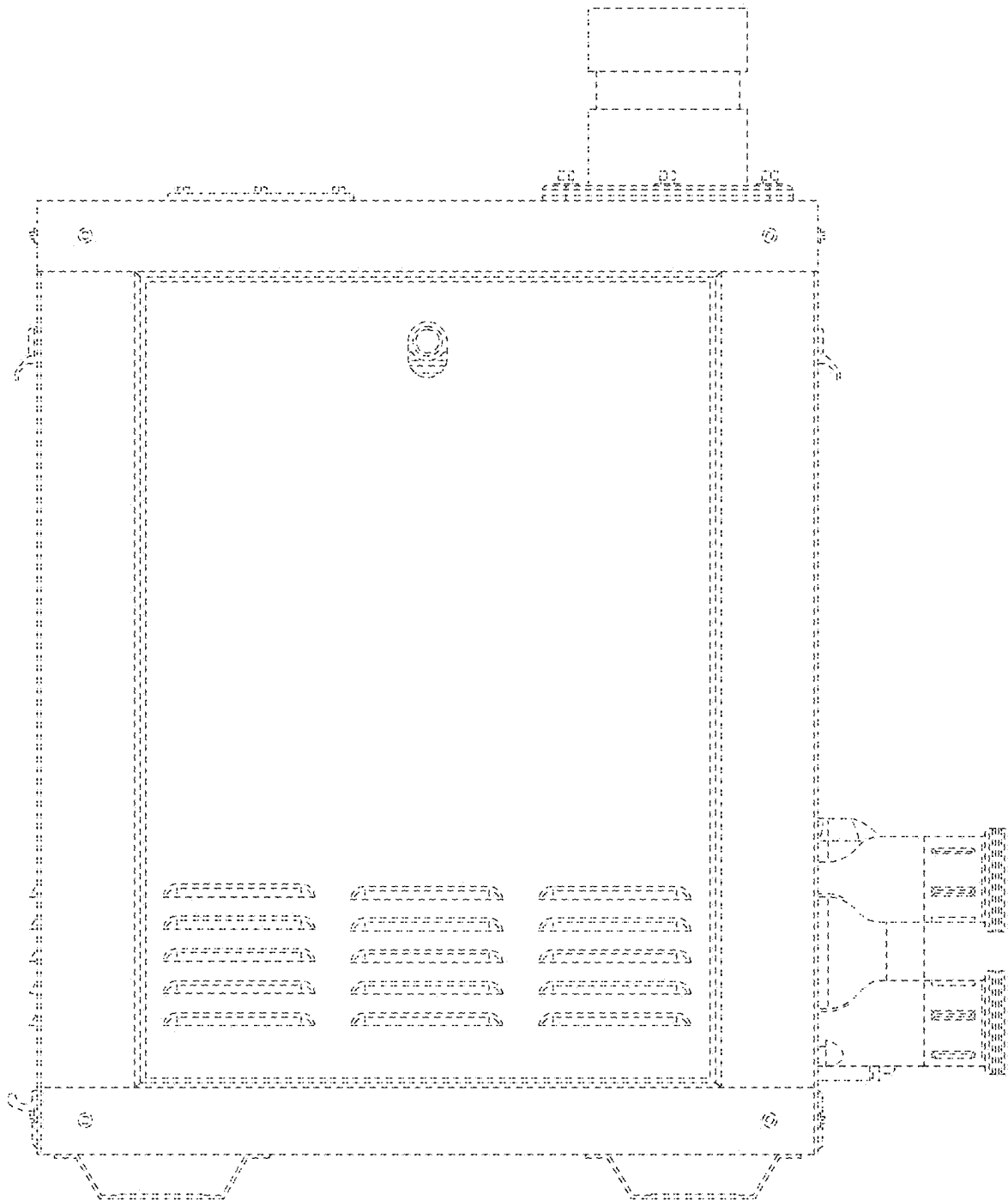


FIG. 19

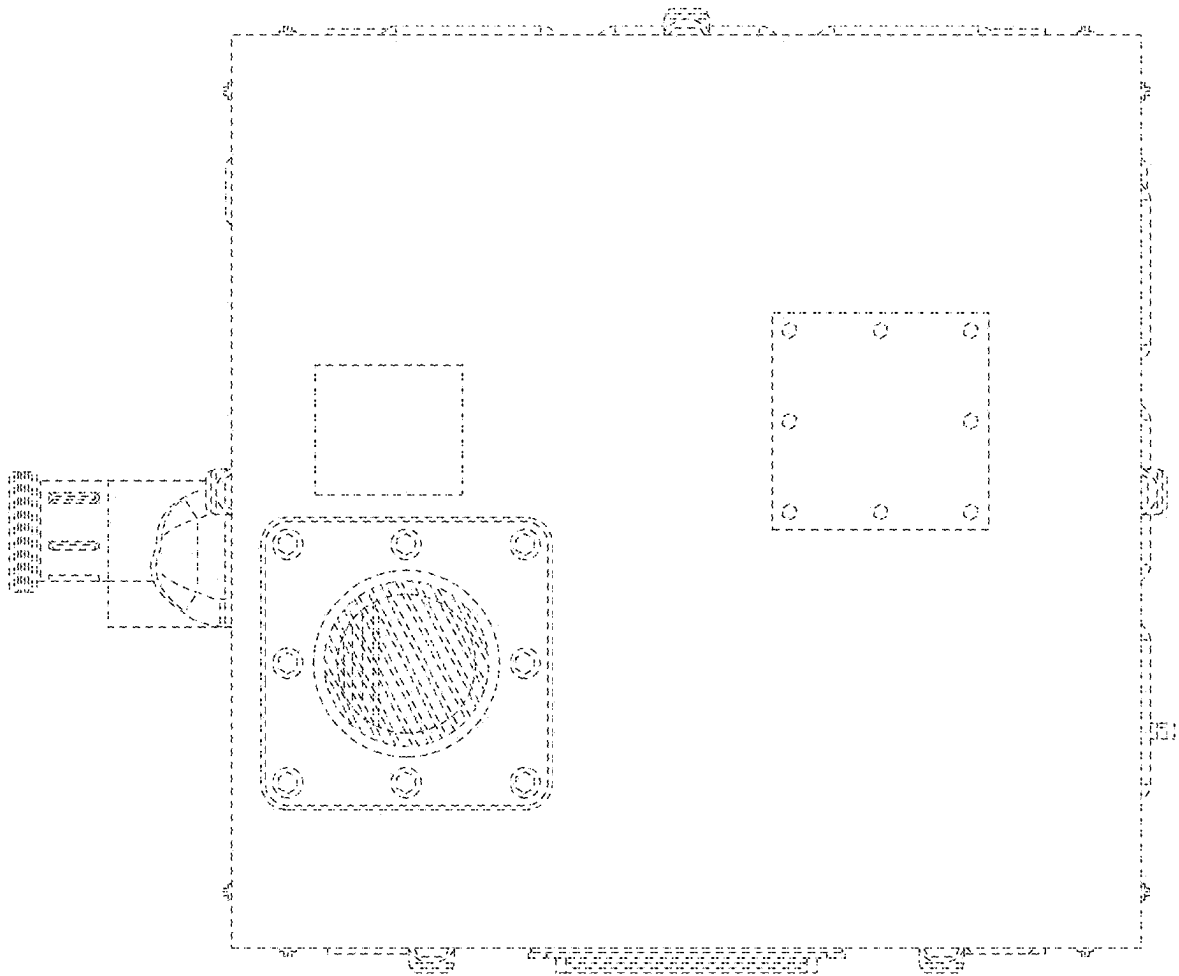


FIG. 20

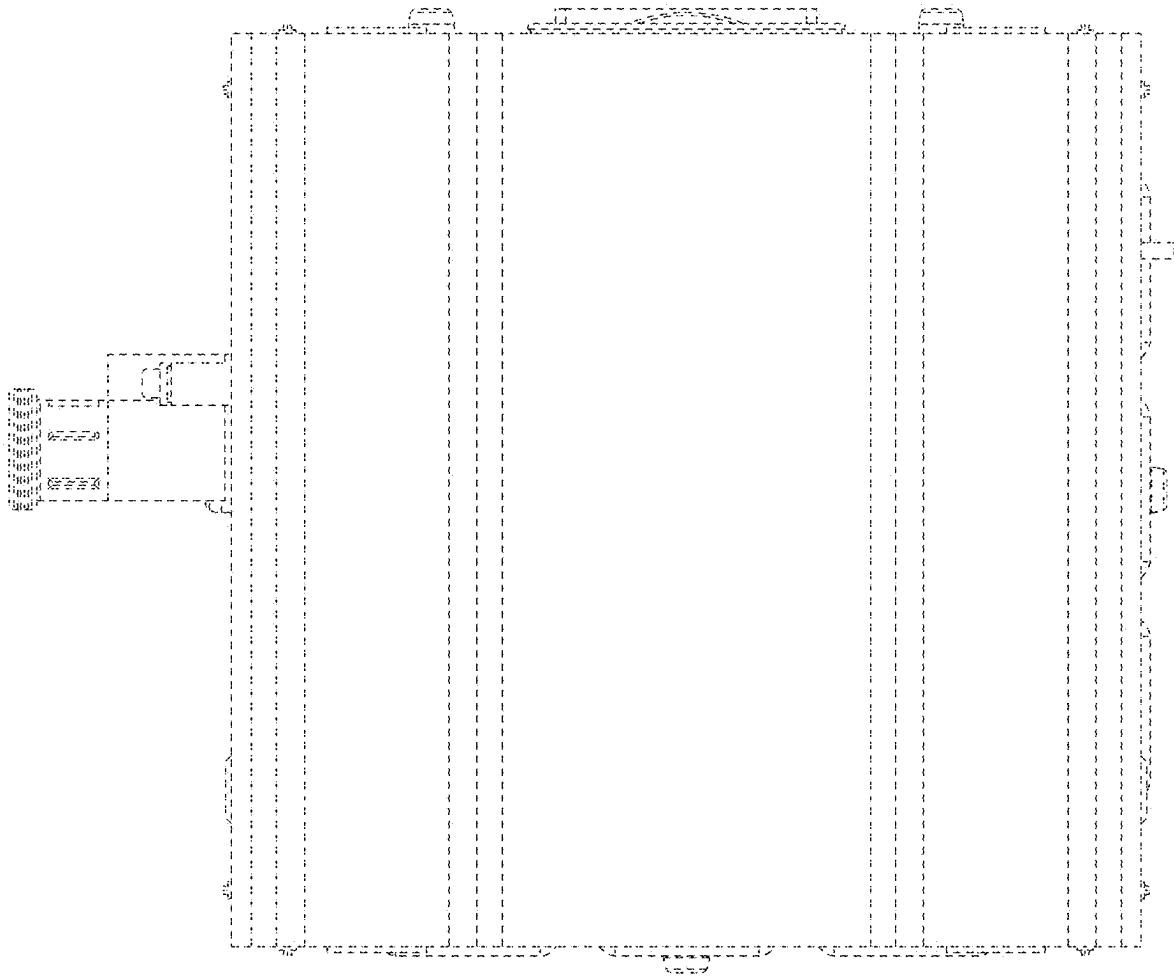


FIG. 21