



US00D954668S

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

(10) **Patent No.:** **US D954,668 S**
(45) **Date of Patent:** **** Jun. 14, 2022**

(54) **HOUSING FOR A POWER MODULE ASSEMBLY**

4,652,969 A * 3/1987 Stegenga H05K 5/0013
220/4.24
D308,854 S * 6/1990 Fuhrmann D13/184
D312,618 S * 12/1990 Ambros D13/184
D376,329 S * 12/1996 Youabian D10/104.1
(Continued)

(71) Applicant: **WOLFSPEED, INC.**, Durham, NC
(US)

(72) Inventors: **Matthew Feurtado**, Fayetteville, AR
(US); **Daniel Martin**, Fayetteville, AR
(US); **Ty McNutt**, Fayetteville, AR
(US); **Brice McPherson**, Fayetteville,
AR (US); **Alexander Lostetter**,
Fayetteville, AR (US)

(73) Assignee: **WOLFSPEED, INC.**, Durham, NC
(US)

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

(21) Appl. No.: **29/676,416**

(22) Filed: **Jan. 10, 2019**

(51) **LOC (13) Cl.** **13-03**

(52) **U.S. Cl.**
USPC **D13/184**; D13/110; D13/133

(58) **Field of Classification Search**
USPC D13/110, 133, 146, 147, 149, 151, 153,
D13/154, 173, 184, 199; D14/217, 230,
D14/299, 432, 433, 435
CPC .. H01R 13/26; H01R 13/5205; H01R 13/506;
H01R 13/516; H05K 7/1432; H05K
5/0247; H05K 5/0069

See application file for complete search history.

(56) **References Cited**

U.S. PATENT DOCUMENTS

3,149,747 A * 9/1964 Burgess B65D 43/0204
220/4.02
3,573,708 A * 4/1971 Yarrick H01R 29/00
439/49
D258,577 S * 3/1981 Bottner D10/104.1
D288,800 S * 3/1987 Gemmell D13/110

OTHER PUBLICATIONS

Power Inverter, dated Apr. 20, 2020, [online], [site visited May 13, 2020], Available from Internet, URL: <https://www.karmanewsroom.com/news/karma-automotives-new-power-inverters-enhance-electric-vehicle-charging/> (Year: 2020).*

(Continued)

Primary Examiner — Calvin E Vansant

(74) *Attorney, Agent, or Firm* — BakerHostetler

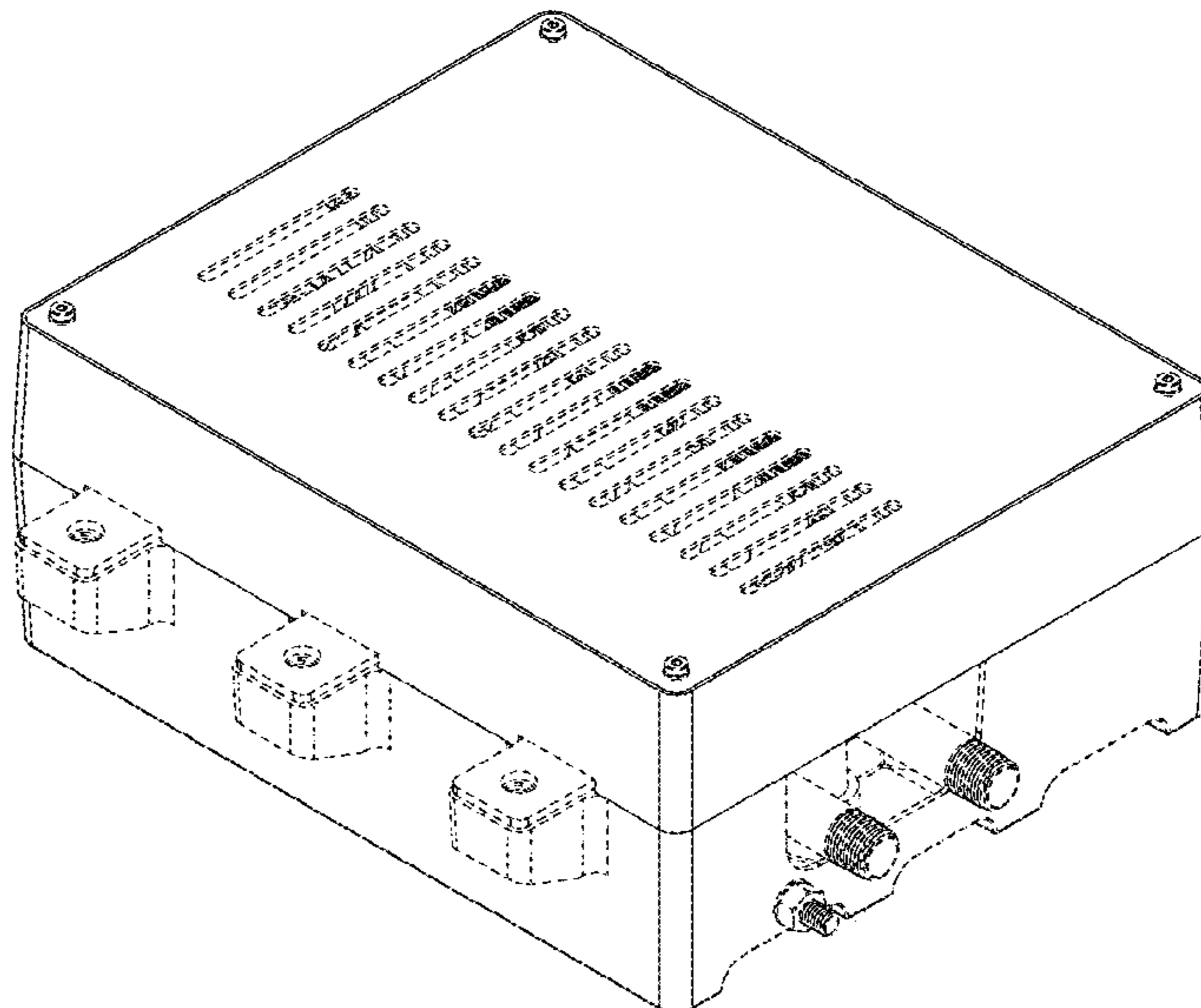
(57) **CLAIM**

We claim the ornamental design for a housing for a power module assembly, as shown and described.

DESCRIPTION

FIG. 1 is a left front side perspective view of another aspect of the housing for a power module assembly;
FIG. 2 is a front side view of the housing for a power module assembly shown in FIG. 1;
FIG. 3 is a back side view of the housing for a power module assembly shown in FIG. 1;
FIG. 4 is a left side view of the housing for a power module assembly shown in FIG. 1;
FIG. 5 is a right side view of the housing for a power module assembly shown in FIG. 1;
FIG. 6 is a top side view of the housing for a power module assembly shown in FIG. 1; and,
FIG. 7 is a bottom side view of the housing for a power module assembly shown in FIG. 1.
The broken lines showing portions of the housing for a power module assembly forms no part of the claimed design.

1 Claim, 7 Drawing Sheets



(56)

References Cited

U.S. PATENT DOCUMENTS

D376,350	S	*	12/1996	Worley	.....	D13/184
D400,496	S	*	11/1998	Barber	.....	D13/103
D406,098	S	*	2/1999	Walter	.....	D13/103
D408,823	S	*	4/1999	Kirby	.....	D13/184
D422,962	S	*	4/2000	Shevlin	.....	D13/103
D423,452	S	*	4/2000	Fujisawa	.....	D13/110
D444,448	S	*	7/2001	Robinson	.....	D13/103
D449,577	S	*	10/2001	Nishio	.....	D13/103
D510,721	S	*	10/2005	Axelrod	.....	D13/103
D558,683	S	*	1/2008	Pape	.....	D13/158
D578,520	S	*	10/2008	Miyoshi	.....	D14/230
D591,690	S	*	5/2009	Vogel	.....	D13/152
D603,337	S	*	11/2009	Katou	.....	D13/120
8,717,765	B2	*	5/2014	Hattori	.....	F04B 39/121 361/705
D793,977	S	*	8/2017	Chung	.....	D13/199
D795,190	S	*	8/2017	Tzeng	.....	D13/110
D832,211	S	*	10/2018	Ladd	.....	D13/110
D853,961	S	*	7/2019	Kanarellis	.....	D13/110
D853,962	S	*	7/2019	Kanarellis	.....	D13/110
10,629,869	B2	*	4/2020	Nakamura	.....	H01M 2/1016
2015/0003021	A1	*	1/2015	Chang	.....	H05K 7/1432 361/728

OTHER PUBLICATIONS

Project Box, available date Jan. 2, 2019, [online], [site visited Sep. 19, 2020], Available from Internet URL: <https://www.amazon.com/Waterproof-Plastic-Electronic-Junction-Enclosure/dp/B07M5SZNR9>.*

* cited by examiner

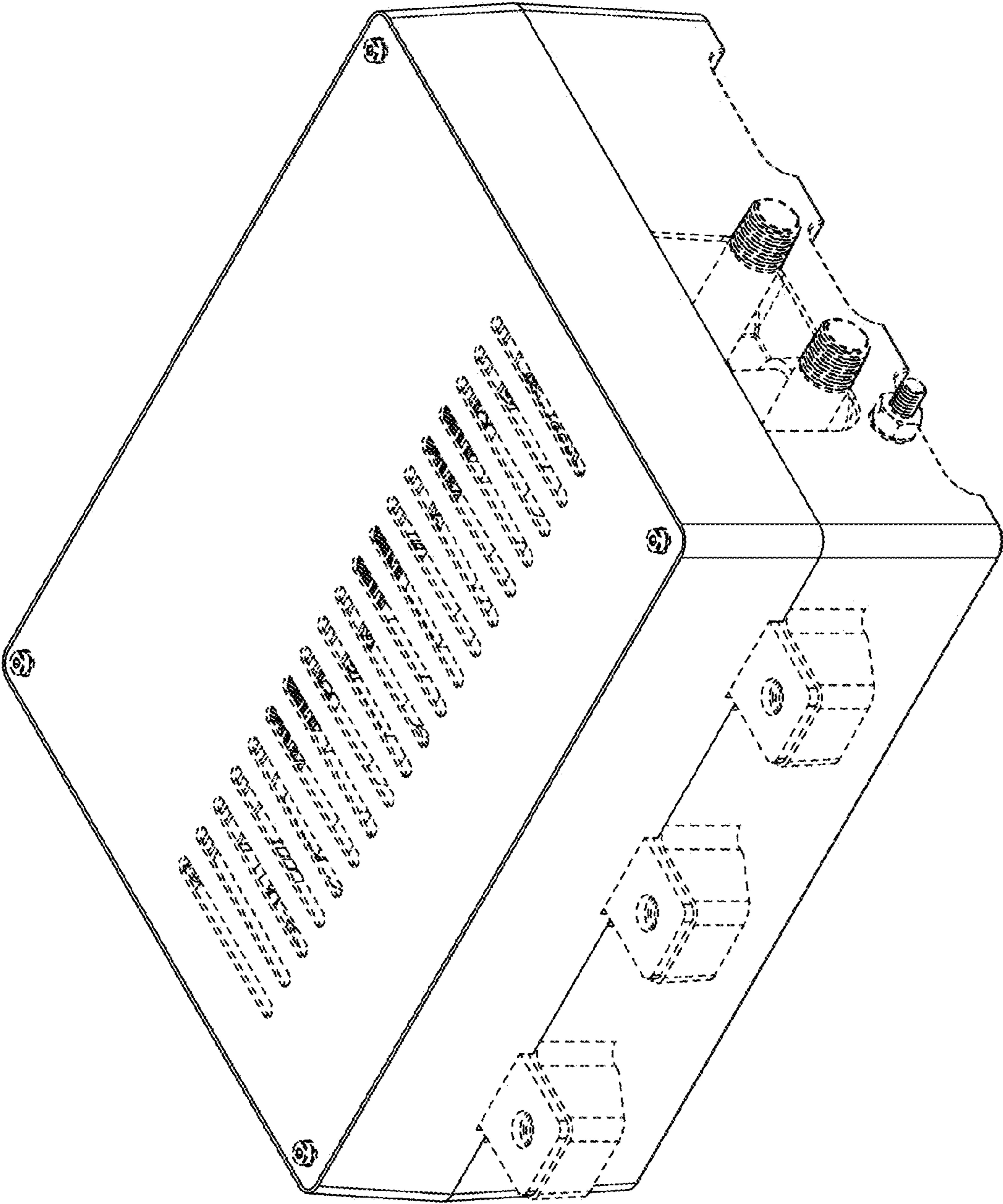


FIG. 1

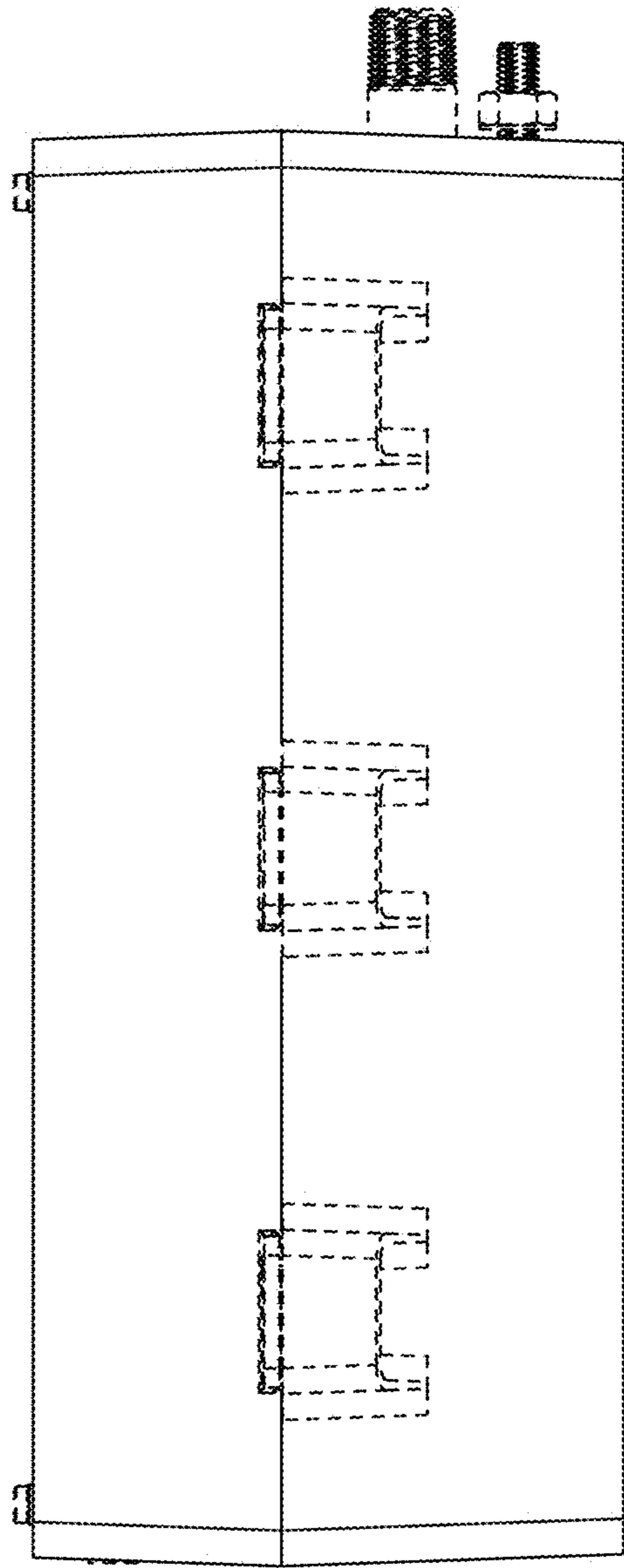


FIG. 2

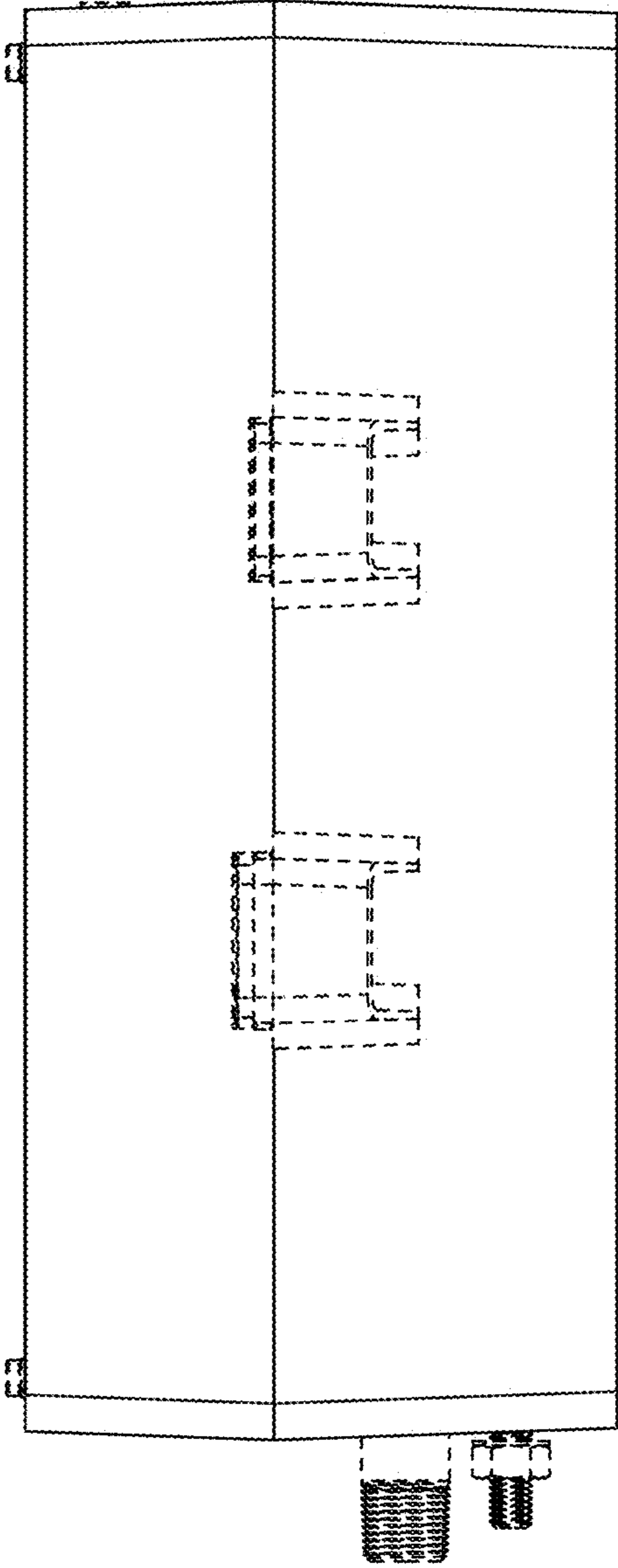


FIG. 3

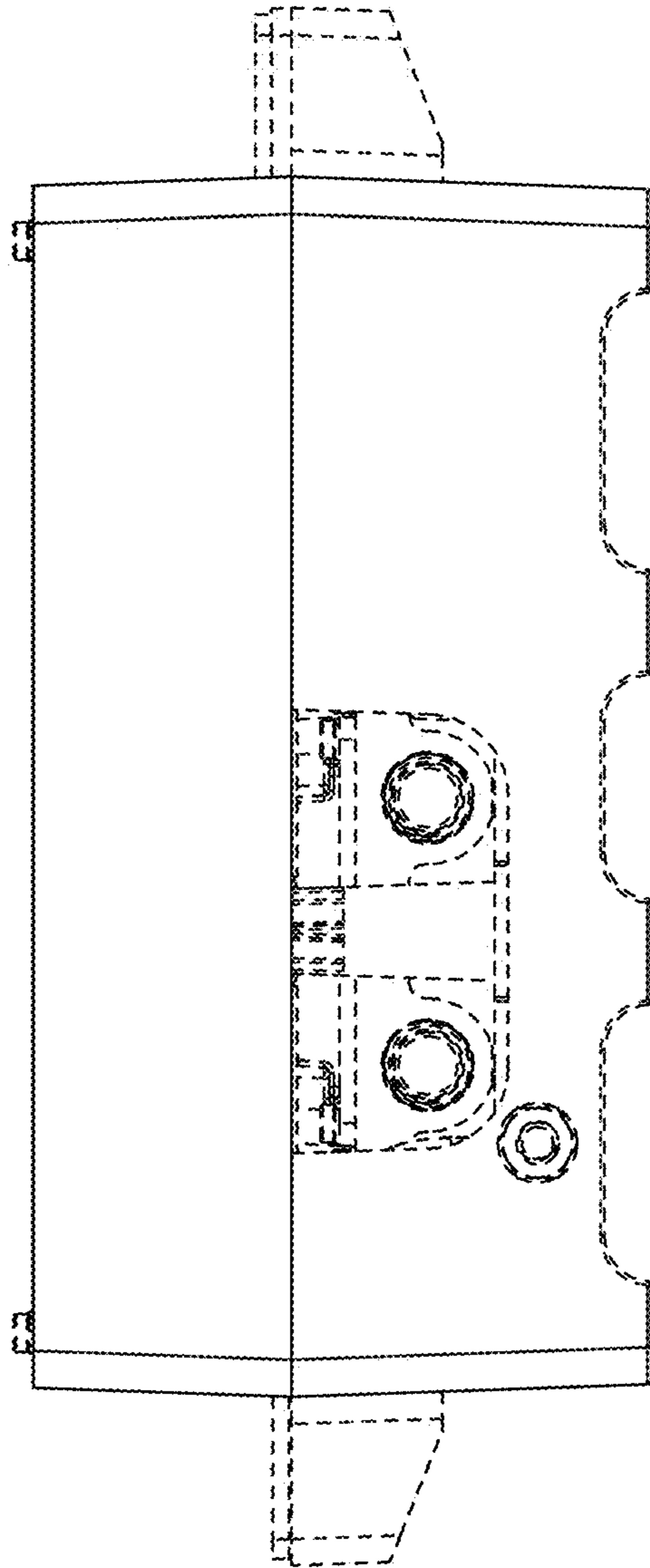


FIG. 4

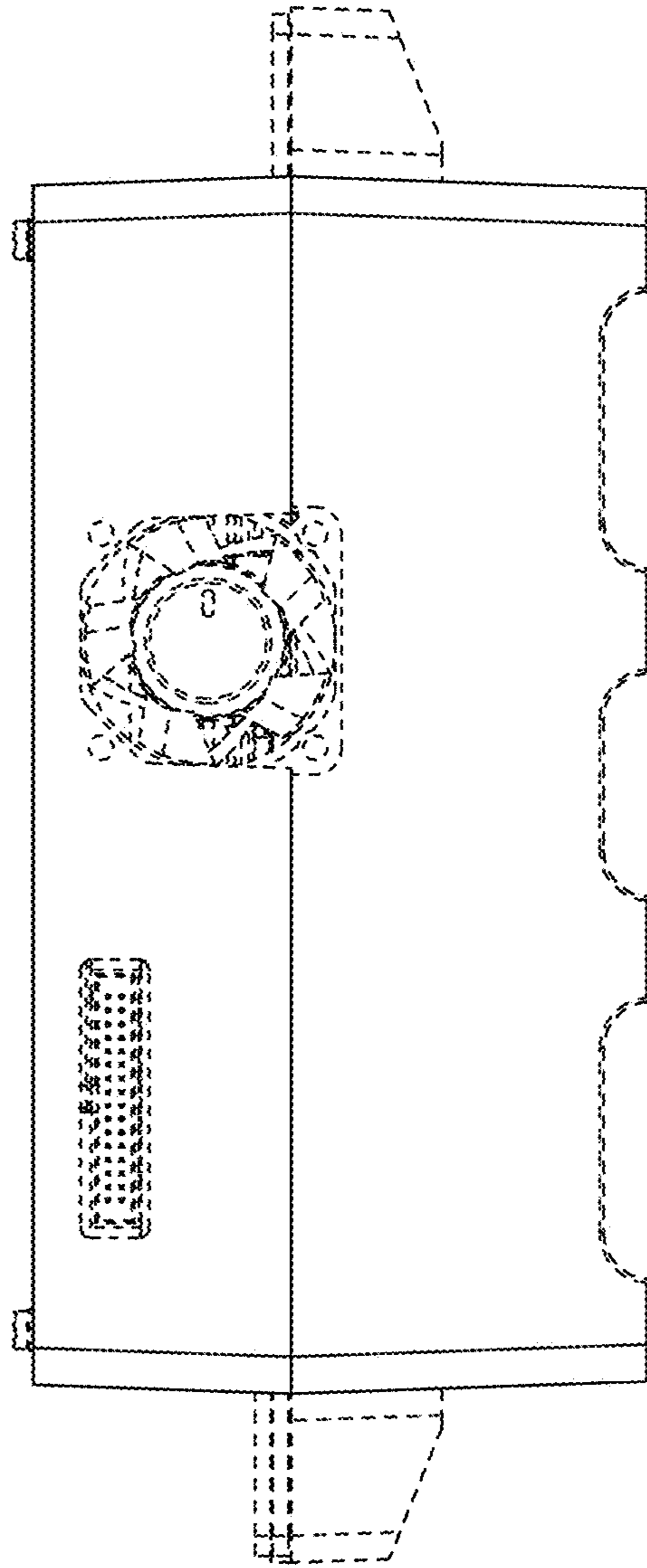


FIG. 5

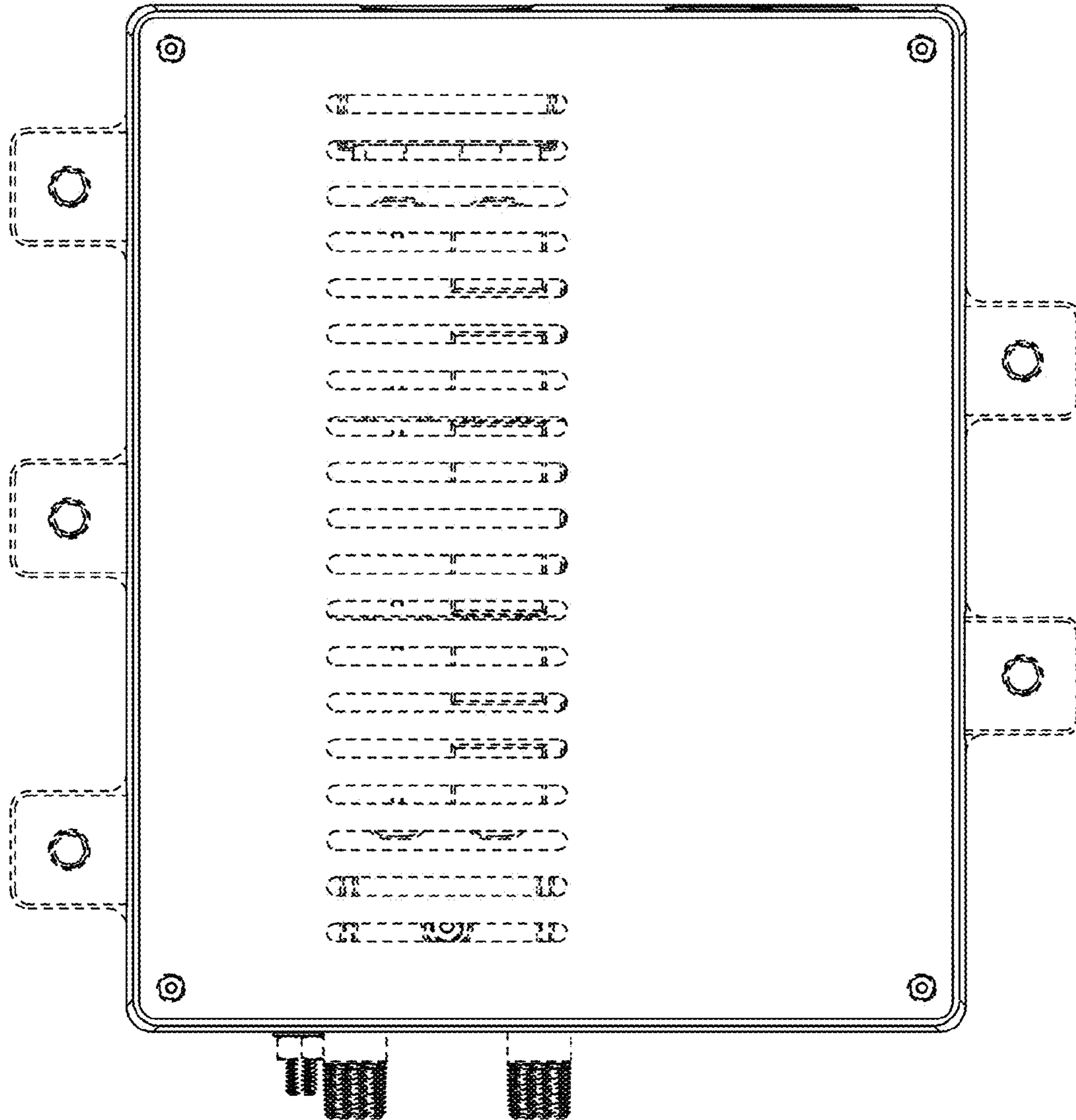


FIG. 6

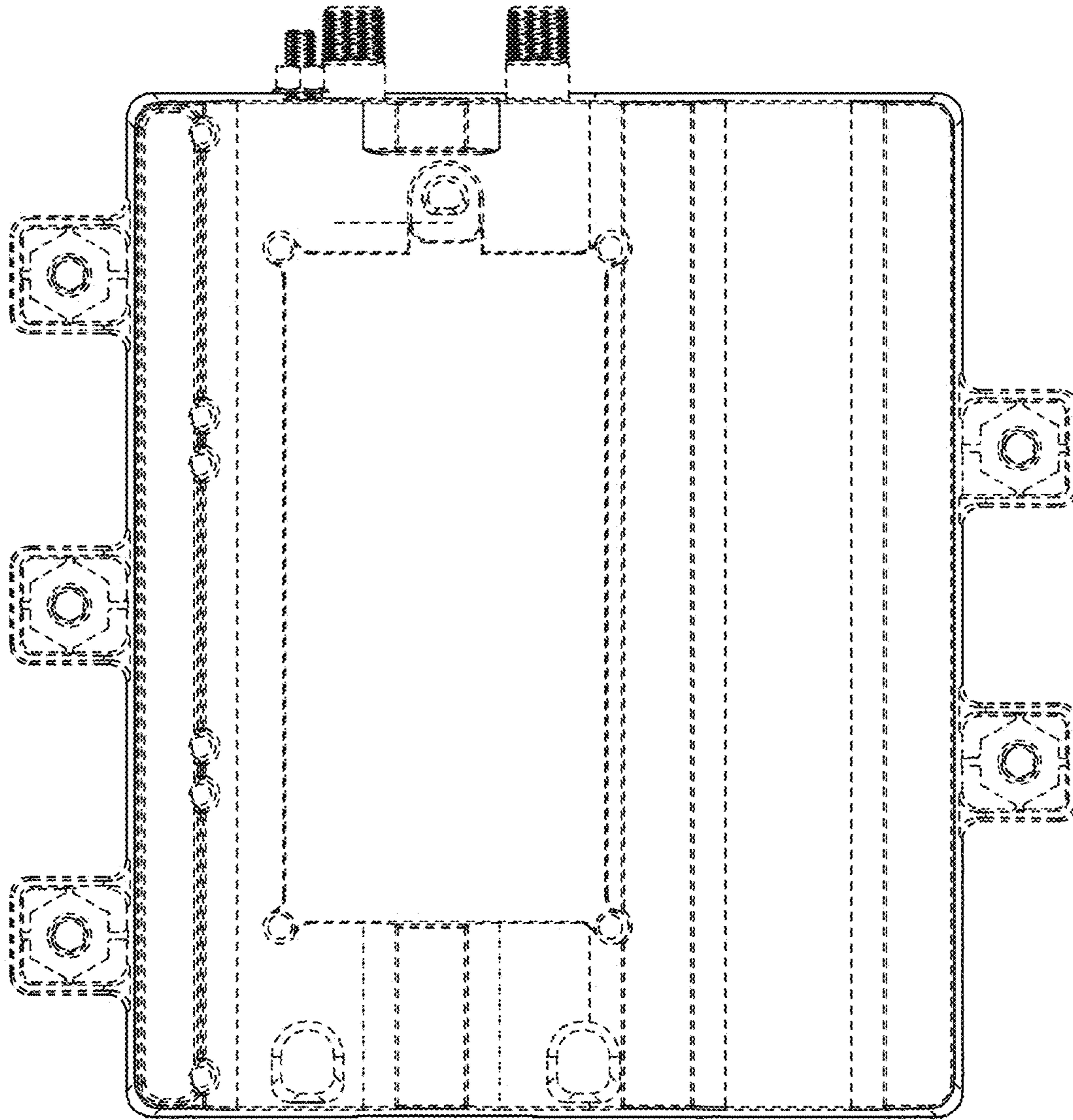


FIG. 7