



US00D984036S

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

(10) **Patent No.:** **US D984,036 S**
(45) **Date of Patent:** **** Apr. 18, 2023**

(54) **LIGHT EMITTING MODULE**

- (71) Applicant: **Verdant Lighting Technology, Inc.**,
Cypress, TX (US)
- (72) Inventors: **Yinggang Du**, Houston, TX (US); **Qian Zhang**, Cypress, TX (US)
- (73) Assignee: **Verdant Lighting Technology, Inc.**,
Cypress, TX (US)
- (**) Term: **15 Years**
- (21) Appl. No.: **29/680,846**
- (22) Filed: **Feb. 20, 2019**

Related U.S. Application Data

- (63) Continuation-in-part of application No. PCT/
US2018/047376, filed on Aug. 21, 2018.
- (51) **LOC (14) Cl.** **26-05**
- (52) **U.S. Cl.**
USPC **D26/142**; D26/63
- (58) **Field of Classification Search**
USPC D26/63, 72, 74, 76, 78–83, 85, 86, 88,
D26/90, 93, 111, 113, 118, 119, 120, 121,
D26/122, 138, 139, 140, 141, 142, 152
CPC F21S 2/00; F21S 4/00; F21S 4/003; F21S
4/005; F21S 4/006; F21S 4/007; F21S
4/008; F21S 6/00; F21S 8/00; F21S
8/024; F21S 8/026; F21S 8/031; F21S
8/033; F21S 8/035–037; F21S 8/04; F21S
8/043; F21S 8/063
See application file for complete search history.

(56) **References Cited**

U.S. PATENT DOCUMENTS

D537,973 S *	3/2007	Mier-Langner	.....	D26/63
D705,476 S *	5/2014	Nankil	.....	D26/85
D710,721 S *	8/2014	Boomgaarden	.....	D26/85
D739,566 S *	9/2015	Chen	.....	D26/1
D799,094 S *	10/2017	Li	.....	D26/63
D805,673 S *	12/2017	Dai	.....	D26/63
D833,655 S *	11/2018	Ko	.....	D26/28
D838,033 S *	1/2019	Xiong	.....	D26/118
D841,854 S *	2/2019	Gordin	.....	D26/63
D848,044 S *	5/2019	Zhu	.....	D26/63

(Continued)

FOREIGN PATENT DOCUMENTS

CN	204573962 U	8/2015
CN	206093971 U	4/2017

(Continued)

OTHER PUBLICATIONS

International Search Report and Written Opinion; PCT Application No. PCT/US2018/047376; dated Nov. 21, 2018, 8 pages.

(Continued)

Primary Examiner — Natasha Vujcic

(74) *Attorney, Agent, or Firm* — Polsinelli PC

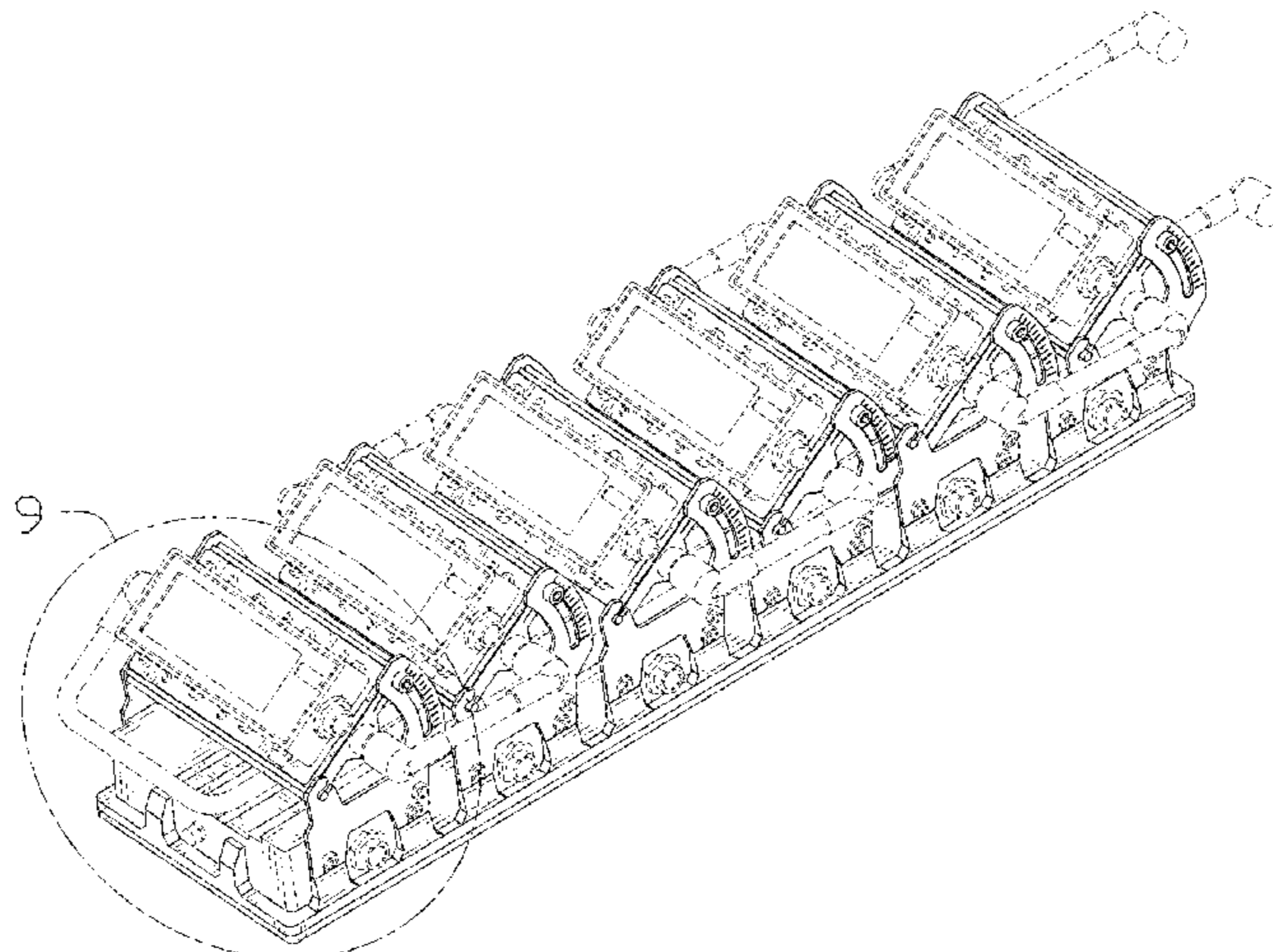
(57) **CLAIM**

We claim, the ornamental design for a light emitting module, as shown and described.

DESCRIPTION

FIG. 1 is a top front perspective view of a light emitting module showing the claimed design;
 FIG. 2 is a front view thereof;
 FIG. 3 is a rear view thereof;
 FIG. 4 is a left view thereof;
 FIG. 5 is a right view thereof;
 FIG. 6 is a top view thereof;
 FIG. 7 is a bottom view thereof;
 FIG. 8 is a top front perspective view thereof in an alternative configuration; and,
 FIG. 9 is an enlarged view of a portion of the light emitting module shown in FIG. 1.
 The broken lines in the drawings illustrate portions of the light emitting module and form no part of the claimed design.

1 Claim, 9 Drawing Sheets



(56)

References Cited

U.S. PATENT DOCUMENTS

D861,224	S	*	9/2019	Hu	.....	D26/85
D866,831	S	*	11/2019	Xiao	.....	D26/51
D872,920	S	*	1/2020	Korpi	.....	D26/63
D922,644	S	*	6/2021	Eichelberger	.....	D26/63
D925,096	S	*	7/2021	Nankil	.....	D26/85
D950,821	S	*	5/2022	Zheng	.....	D26/63
D956,308	S	*	6/2022	Yang	.....	D26/64
2010/0201267	A1		8/2010	Bourquin et al.		
2010/0296285	A1		11/2010	Chemel et al.		
2013/0301256	A1		11/2013	Thomas et al.		
2014/0062316	A1		3/2014	Tischler et al.		
2014/0185285	A1		7/2014	Jorgensen		
2014/0209035	A1		7/2014	Tang et al.		
2016/0366746	A1		12/2016	van de Ven et al.		
2017/0055328	A1		2/2017	Law		
2019/0191639	A1		6/2019	Hegy et al.		

FOREIGN PATENT DOCUMENTS

JP	2011113691	A	6/2011
JP	2016076417	A	5/2016
WO	2007036581	A1	4/2007
WO	2019040525	A1	2/2019

OTHER PUBLICATIONS

Office Action received in related CN Application No. 201880068959.
5, dated Jan. 25, 2022, 12 pages.
Korean Application No. 10-2020-7008190 "Non-Final Office Action"
dated Dec. 23, 2022, 8 pages.
English translation for JP2016076417, Feb. 22, 2023, 9 pages.

* cited by examiner

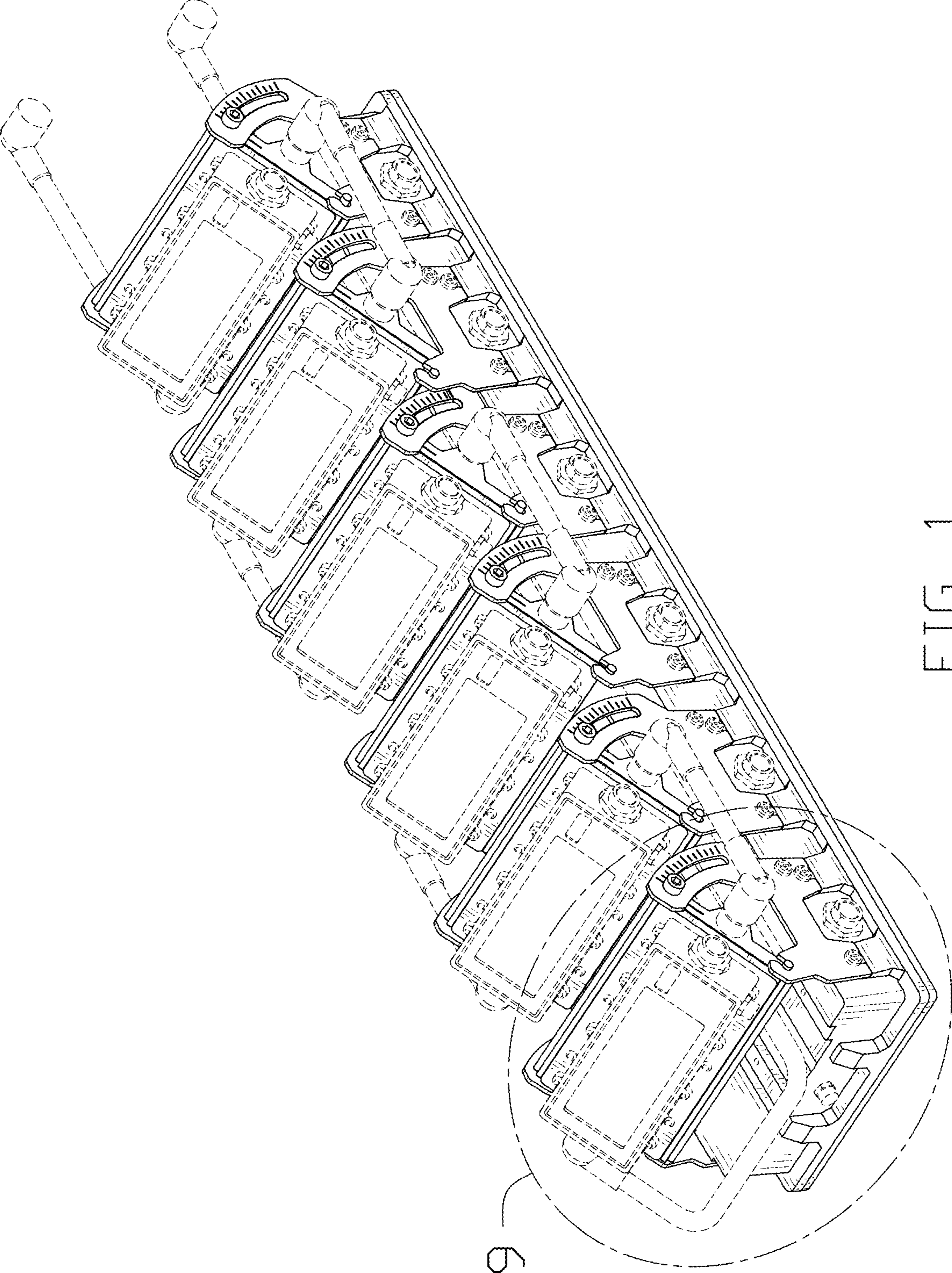


FIG. 1

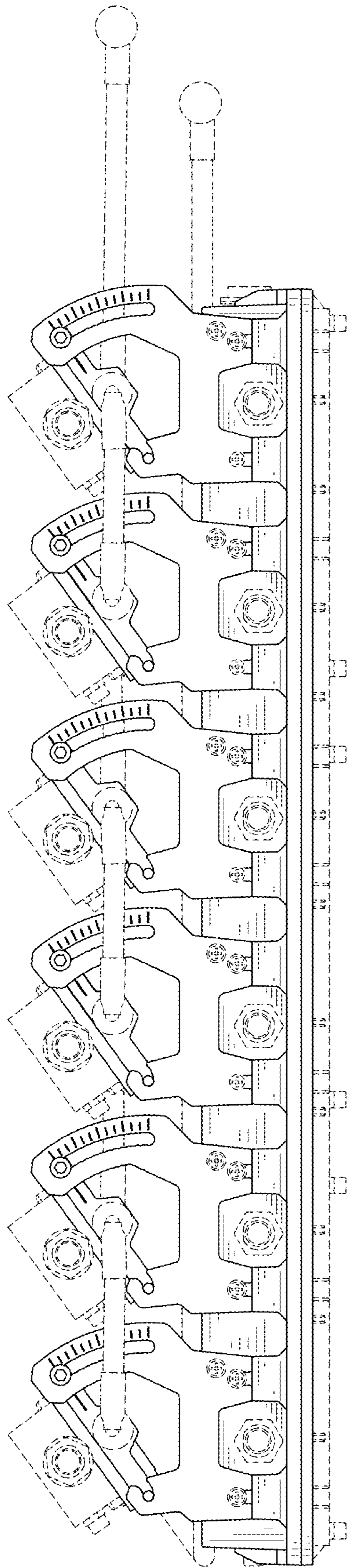


FIG. 2

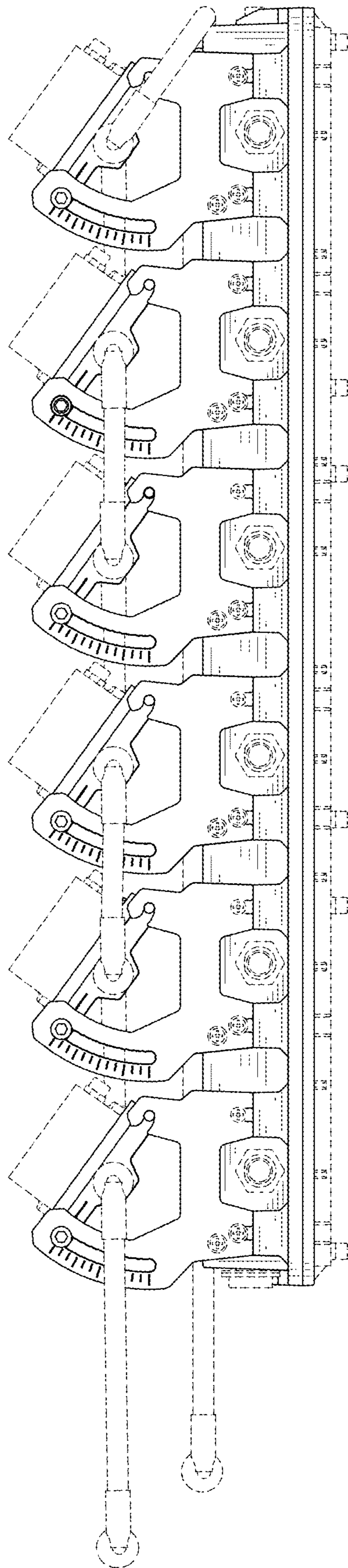


FIG. 3

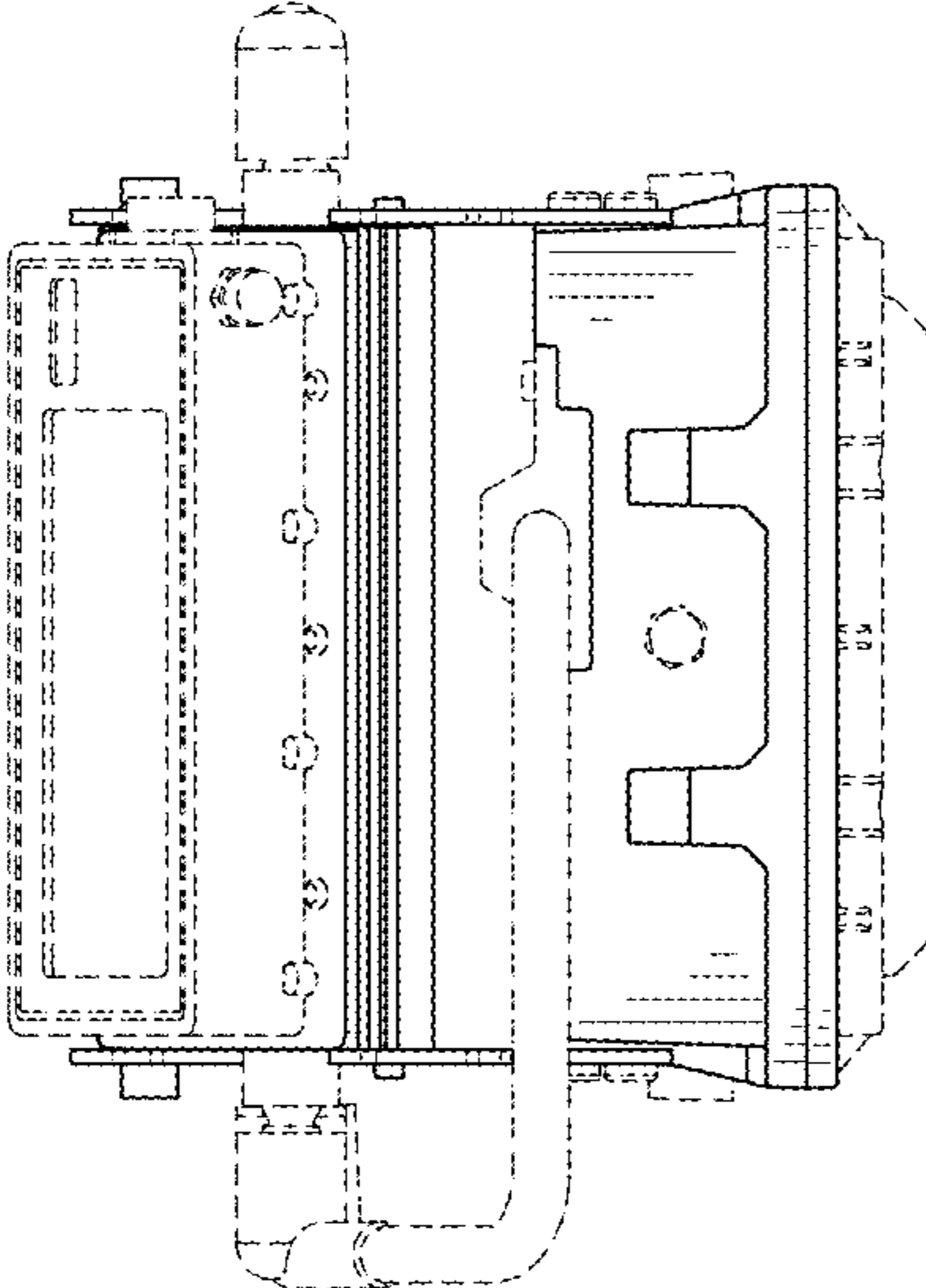


FIG. 4

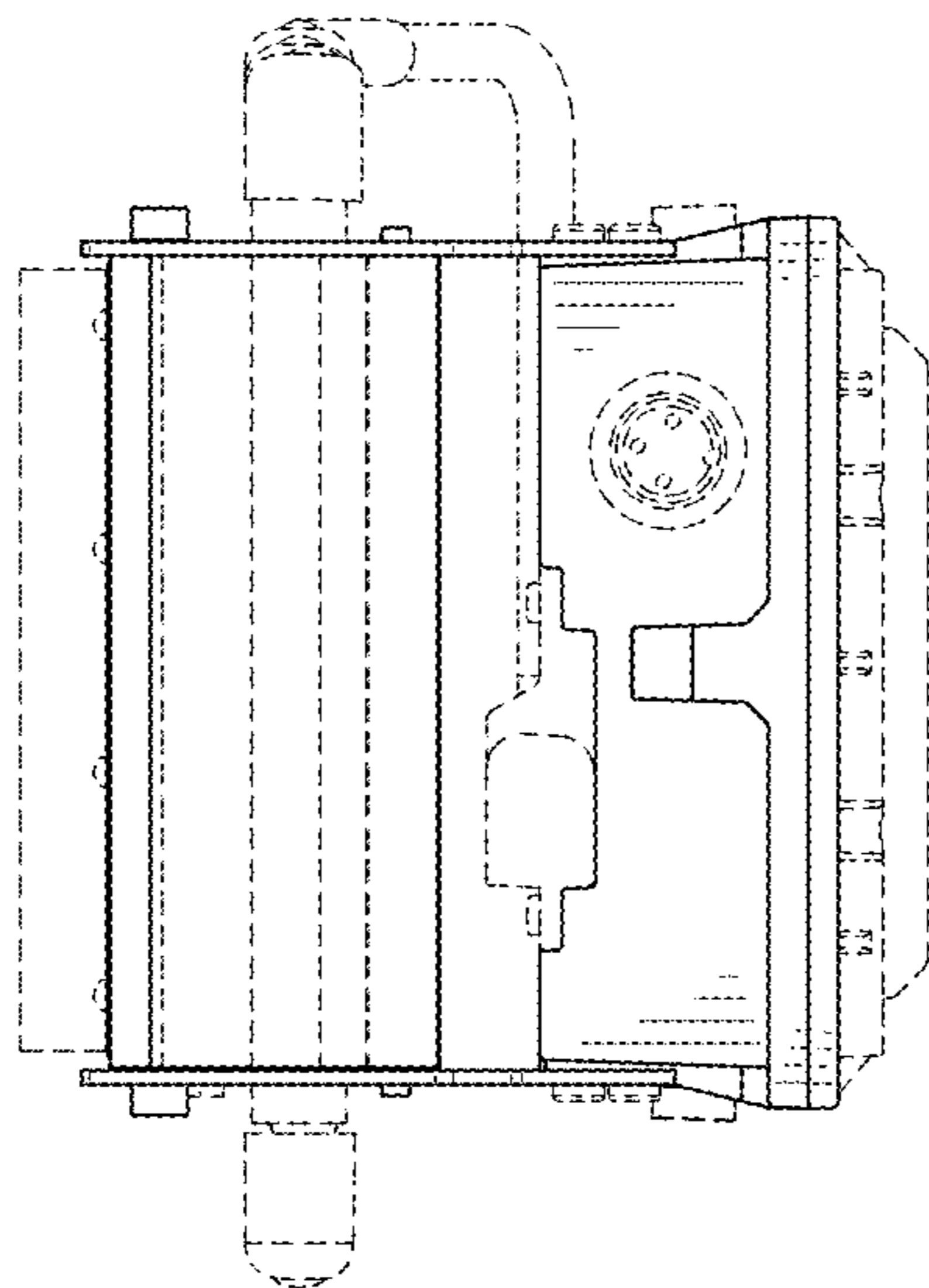


FIG. 5

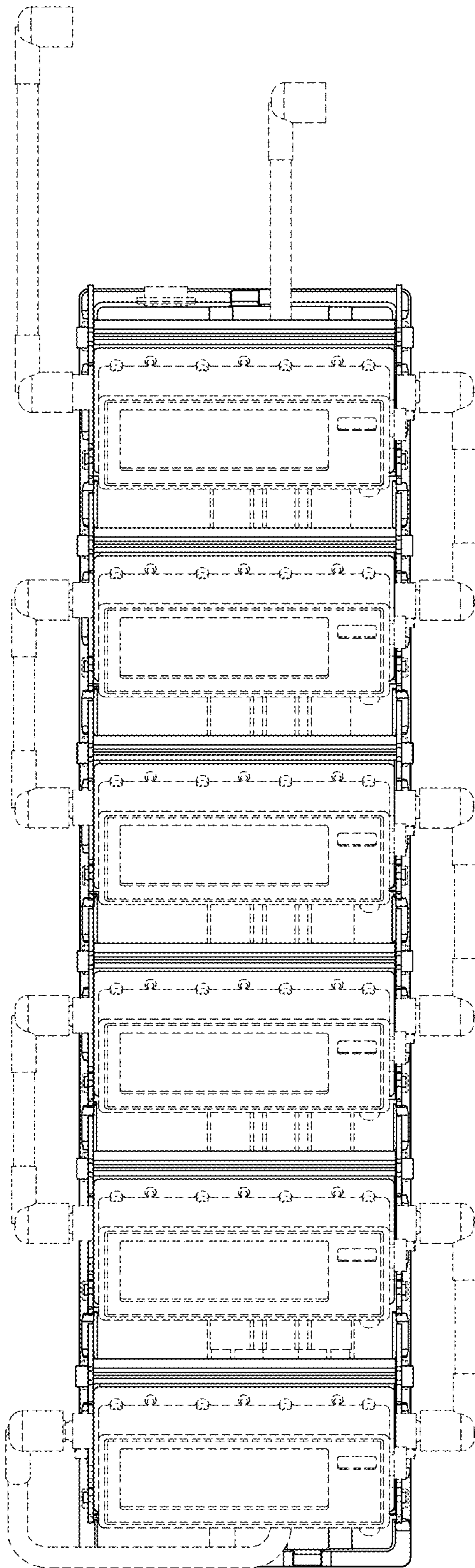


FIG. 6

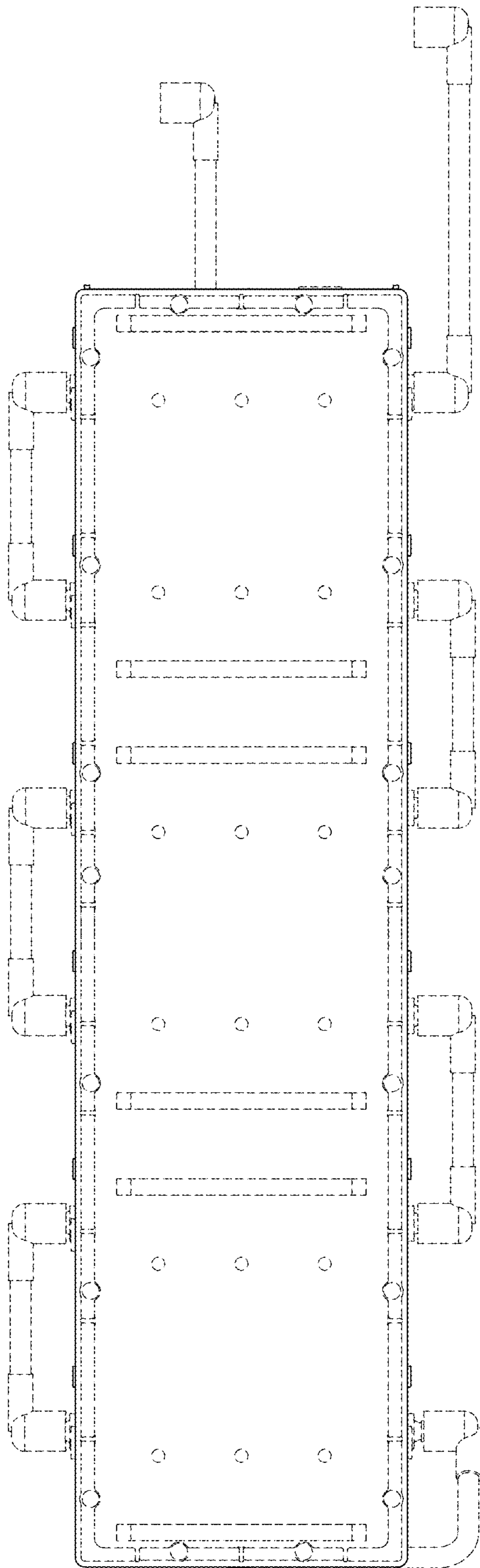


FIG. 7

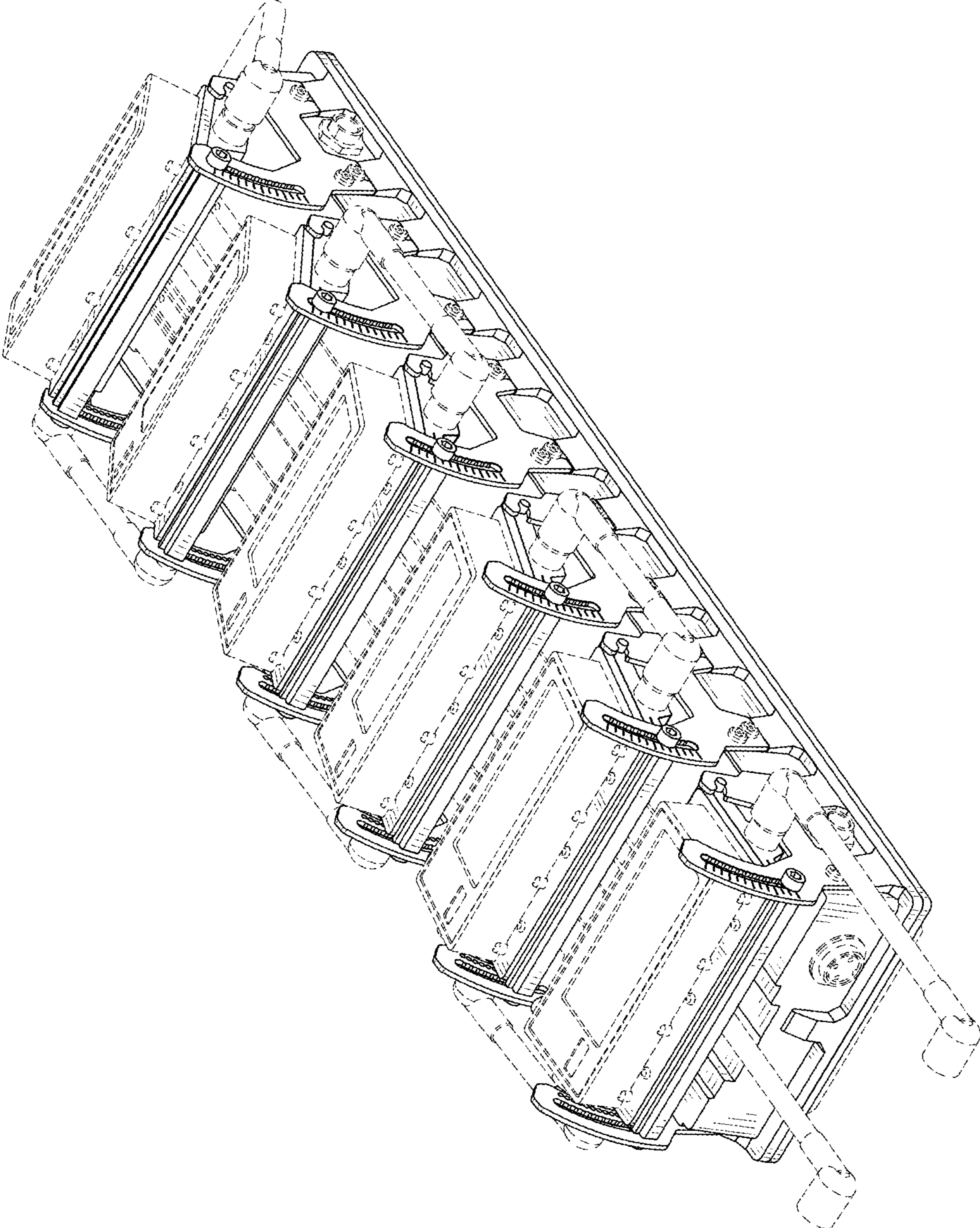


FIG. 8

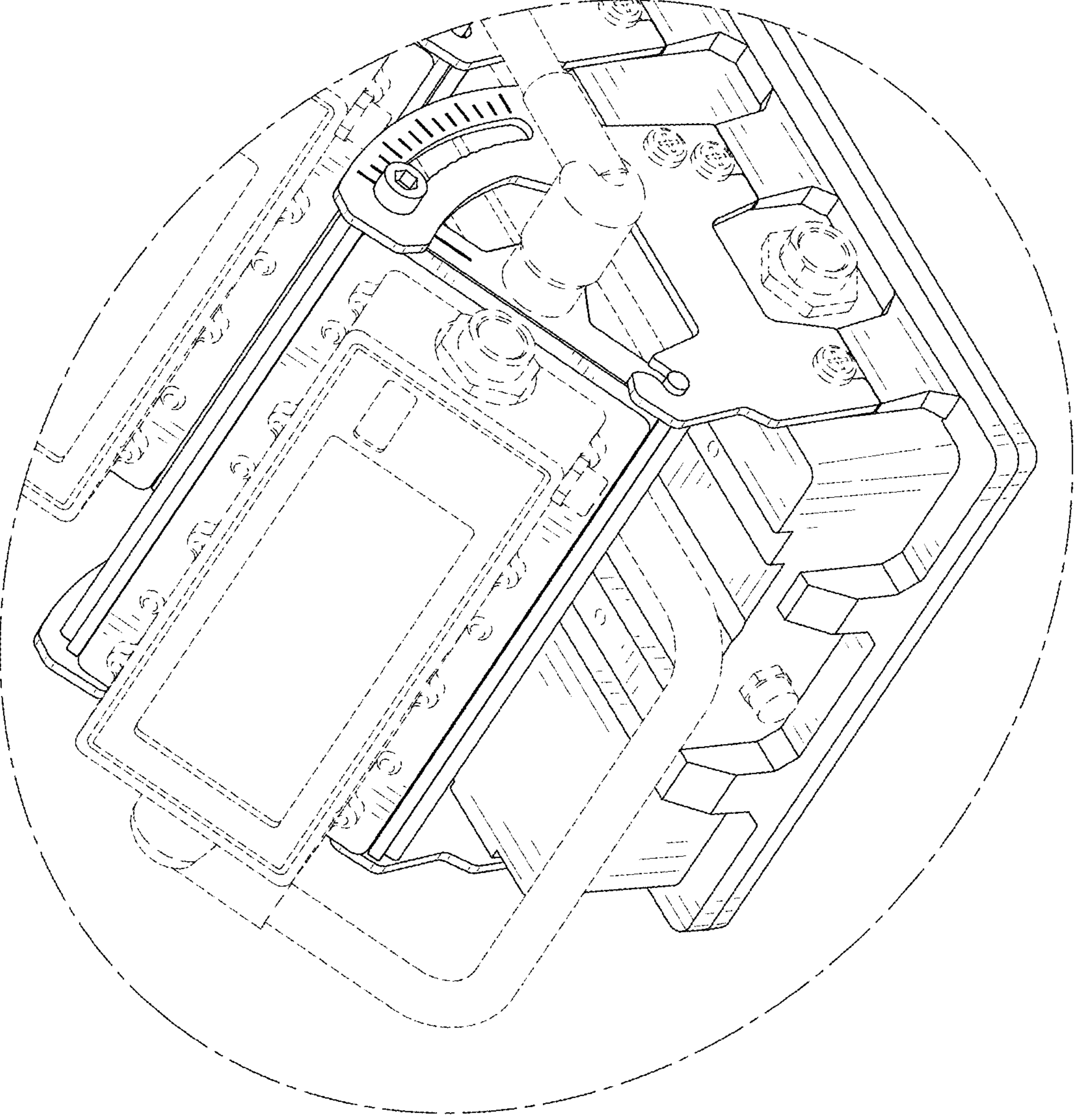


FIG. 9