



US00D988564S

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

(10) **Patent No.:** **US D988,564 S**  
(45) **Date of Patent:** **\*\* Jun. 6, 2023**

(54) **LED GROW LIGHT**

FOREIGN PATENT DOCUMENTS

(71) Applicant: **LUMLUX CORP.**, Jiangsu (CN)

EM 008263842-0001 \* 11/2020  
EM 008642284-0001 \* 8/2021

(72) Inventors: **Bo Cao**, Jiangsu (CN); **Ming Qiu**,  
Jiangsu (CN); **Honghua Chen**, Jiangsu  
(CN); **Meilin Ding**, Jiangsu (CN)

OTHER PUBLICATIONS

(73) Assignee: **LUMLUX CORP.**, Suzhou (CN)

“Mars” reference by Mars Hydro on Amazon.com, date first available Mar. 5, 2019 [online], site visited Jun. 10, 2022, available from internet URL: <https://www.amazon.com/MARS-HYDRO-Coverage-Hydroponic-Spectrum/dp/B0855QW8FK> (Year: 2019).\*

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

*Primary Examiner* — Richard Kearney  
*Assistant Examiner* — Liv C Anderson

(21) Appl. No.: **29/804,599**

(22) Filed: **Aug. 20, 2021**

(51) **LOC (14) Cl.** ..... **26-05**

(57) **CLAIM**

(52) **U.S. Cl.**  
USPC ..... **D26/72**

The ornamental design for a LED grow light, as shown and described.

(58) **Field of Classification Search**  
USPC ..... D26/13, 24, 25, 72, 75–77, 85, 90  
CPC .... A01G 7/045; F21S 2/00; F21S 4/00; F21S  
4/28; F21S 8/00; F21S 8/03; F21S 8/031;  
F21S 8/036; F21S 8/04; F21S 8/043;  
F21S 8/06; F21S 8/061  
See application file for complete search history.

**DESCRIPTION**

(56) **References Cited**

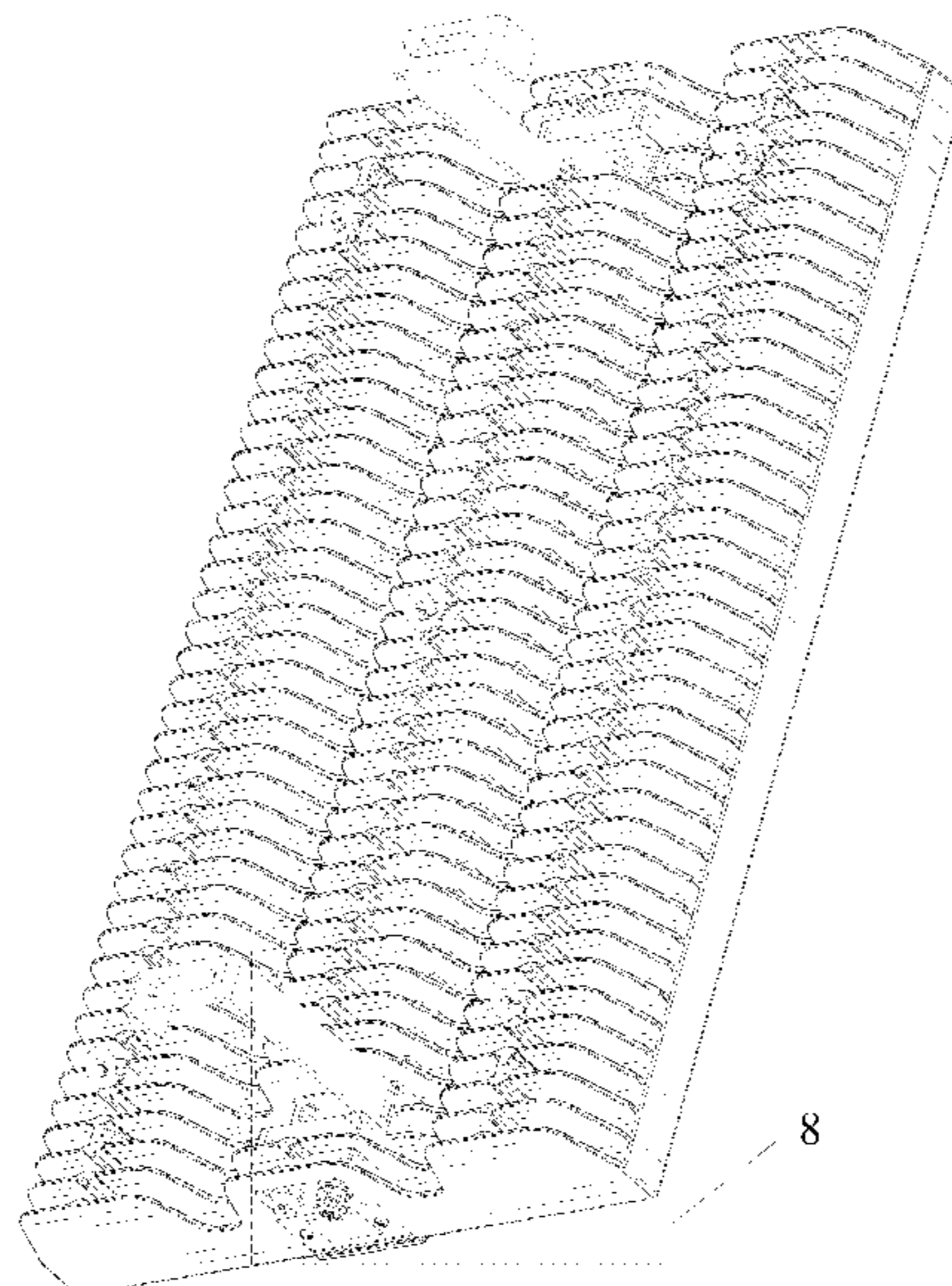
U.S. PATENT DOCUMENTS

D640,817 S \* 6/2011 Salessi ..... D26/63  
D667,968 S \* 9/2012 Shin ..... D26/1  
D761,477 S \* 7/2016 Guercio ..... D26/76  
D823,530 S \* 7/2018 Chen ..... D26/120  
D823,532 S \* 7/2018 Chen ..... D26/120  
D870,344 S \* 12/2019 Chen ..... D26/74  
D893,076 S \* 8/2020 Liu ..... D26/76  
11,032,976 B1 \* 6/2021 Cai ..... F21V 3/10  
D925,105 S \* 7/2021 Johnson ..... D26/118  
D934,481 S \* 10/2021 Liu ..... D26/76  
D936,892 S \* 11/2021 Huo ..... D26/120  
D944,440 S \* 2/2022 Cao ..... D26/76  
D972,188 S \* 12/2022 Cai ..... D26/76

FIG. 1 is a perspective view of a LED grow light showing my new 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 an enlarged top view thereof;  
FIG. 7 is an enlarged bottom view thereof;  
FIG. 8 is an enlarged view of the selected portion 8 in FIG. 1;  
FIG. 9 is an enlarged view of the selected portion 9 in FIG. 2; and,  
FIG. 10 is an enlarged view of the selected portion 10 in FIG. 4.  
The broken lines shown in the figures depict portions of the LED grow light that form no part of the claimed design. The dash-dot-dash broken lines shown in FIGS. 1-2, 4, and 8-10 are for annotative purposes only and form no part of the claim thereof.

(Continued)

**1 Claim, 9 Drawing Sheets**



(56)

**References Cited**

U.S. PATENT DOCUMENTS

2017/0027110 A1\* 2/2017 Ito ..... A01G 7/045  
2019/0191517 A1\* 6/2019 Adams ..... H05B 47/18

\* cited by examiner



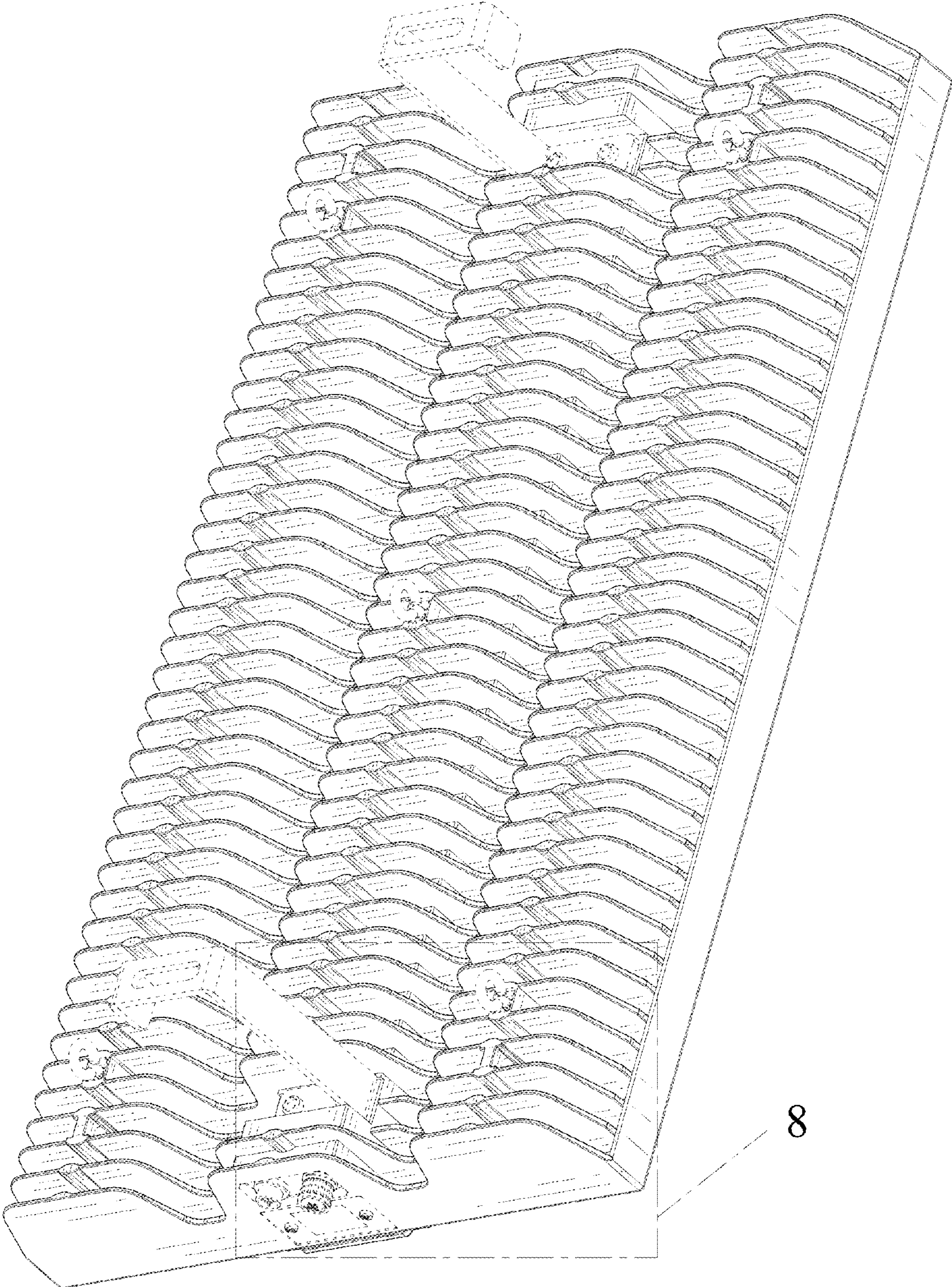


FIG.1



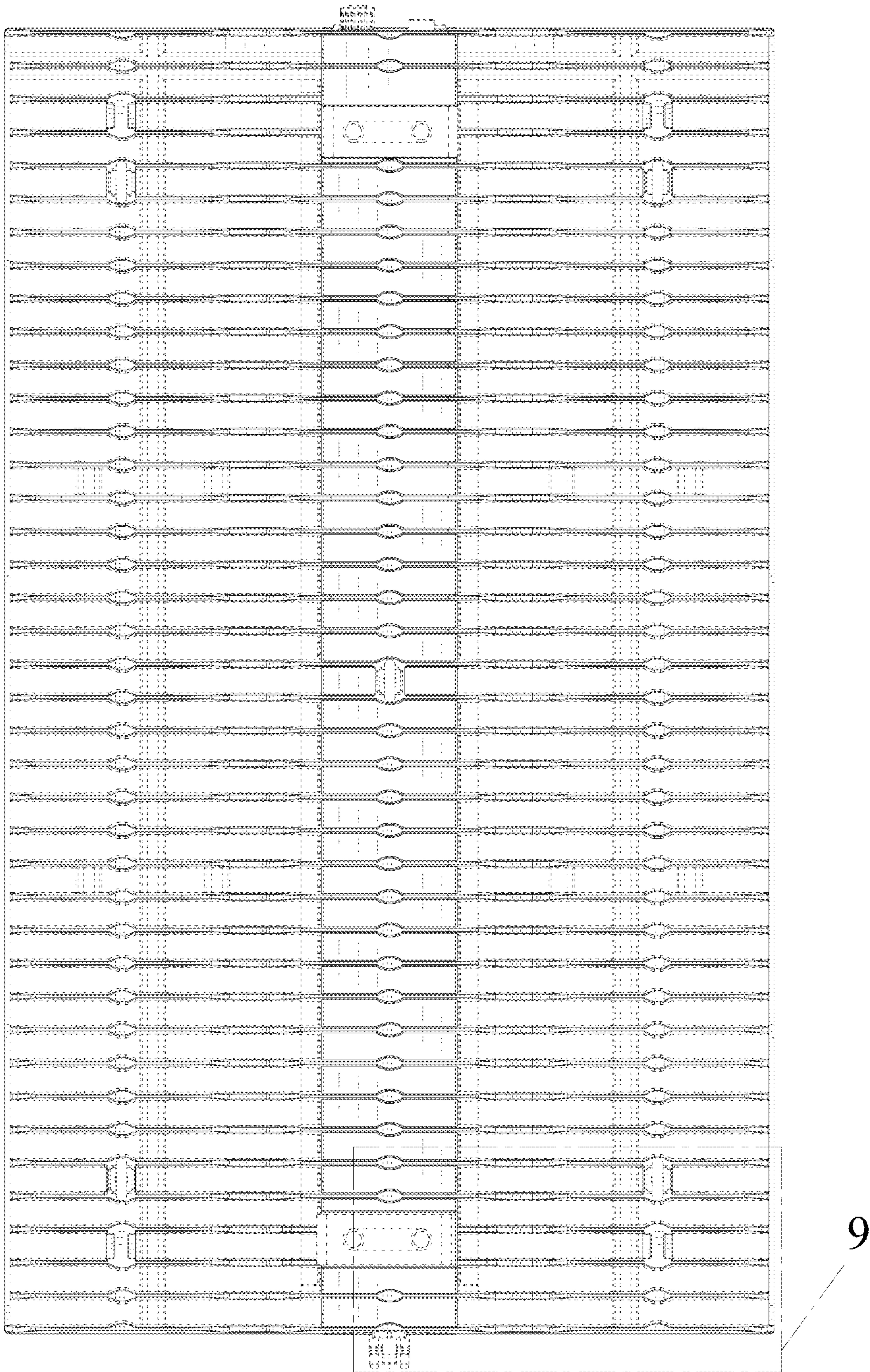


FIG.2



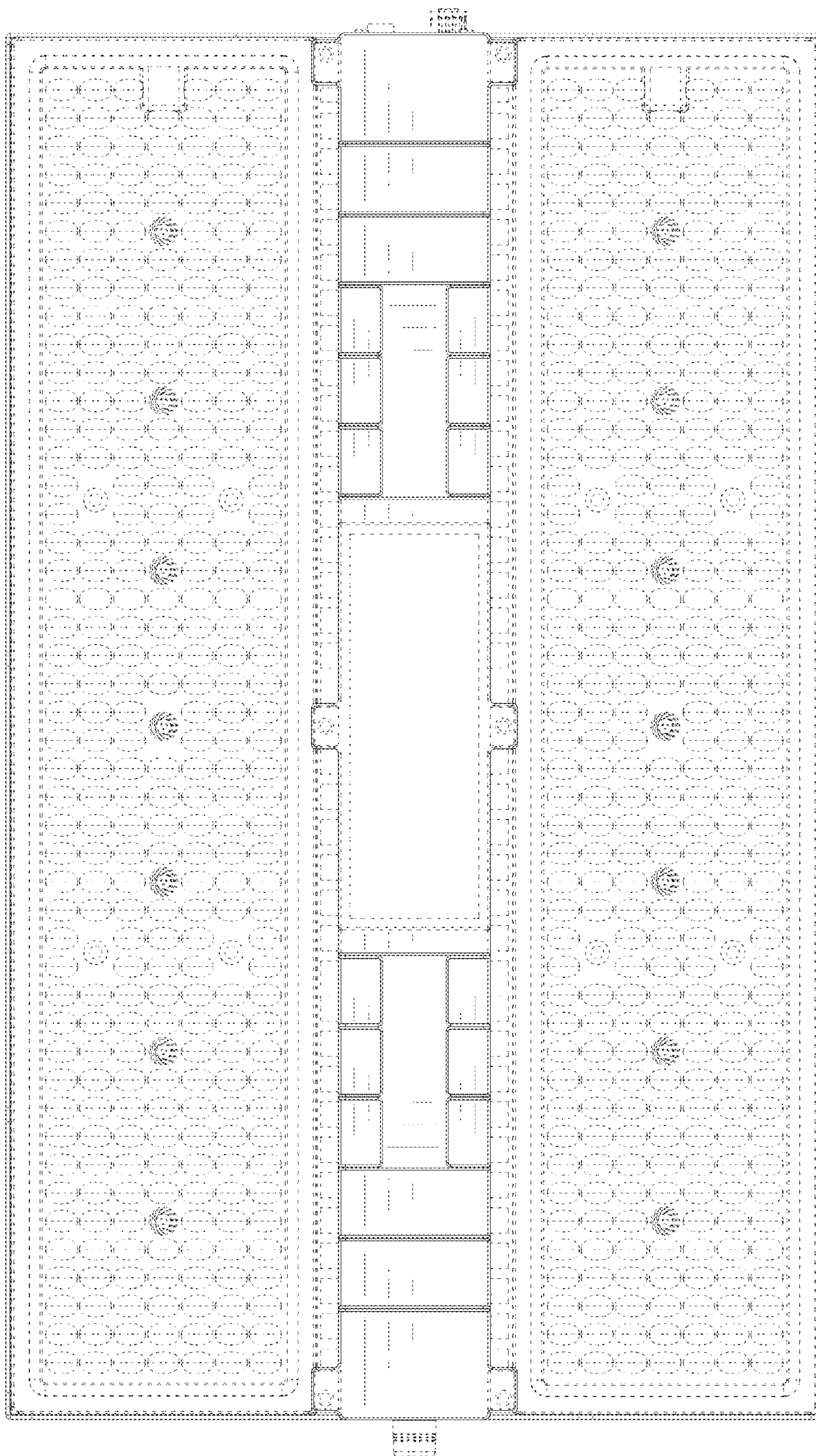


FIG. 3

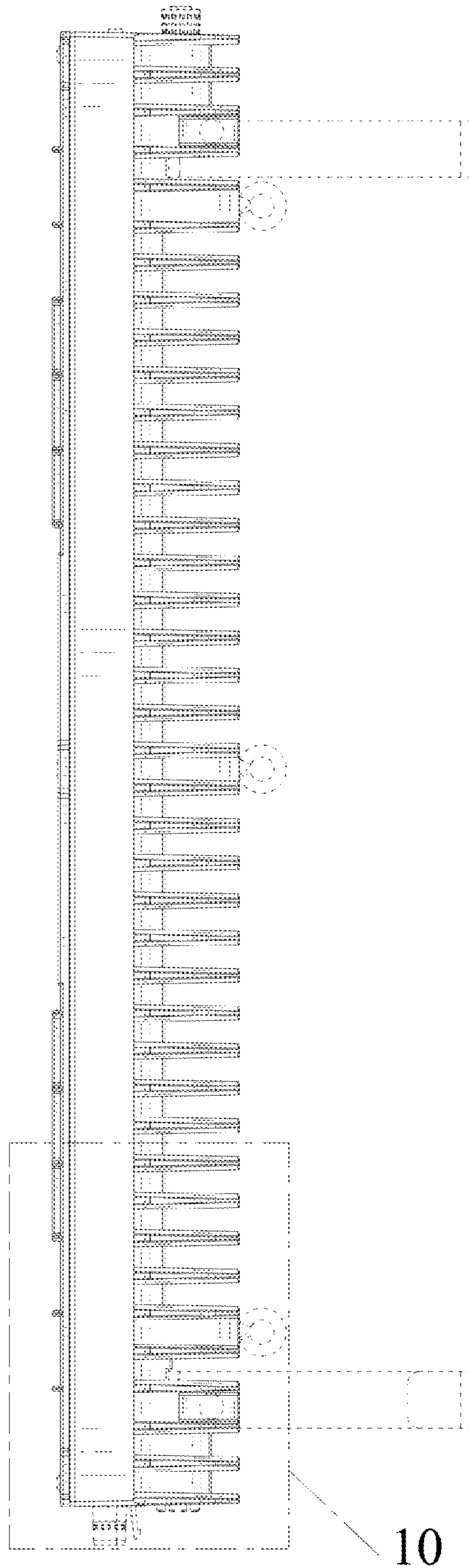


FIG.4

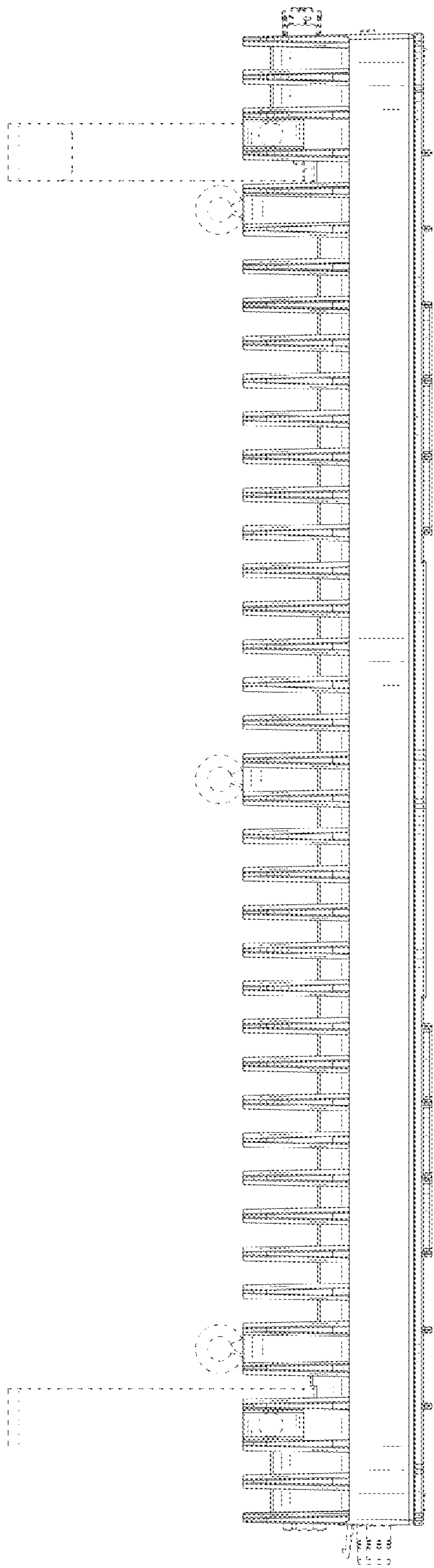


FIG.5

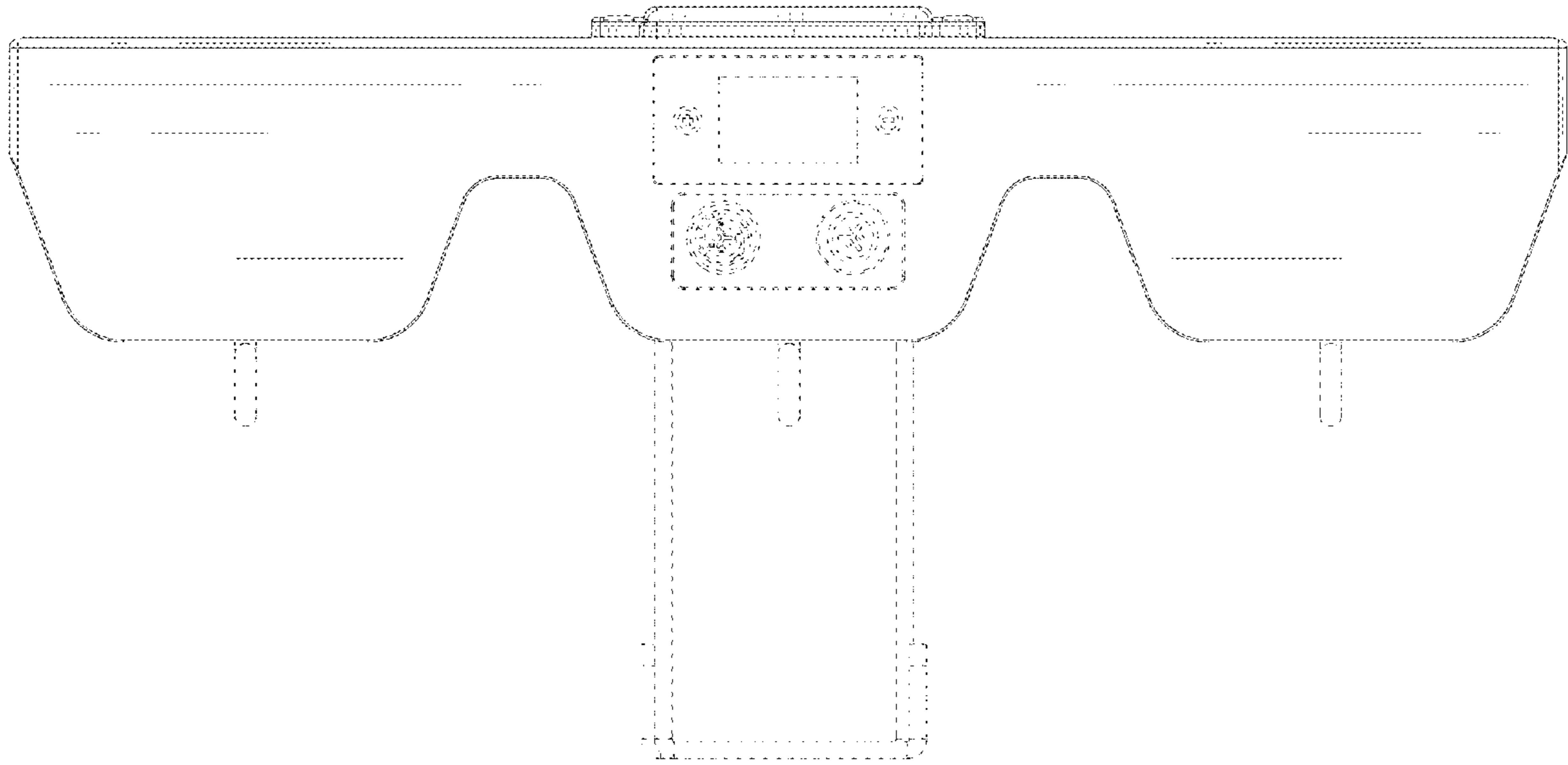


FIG.6

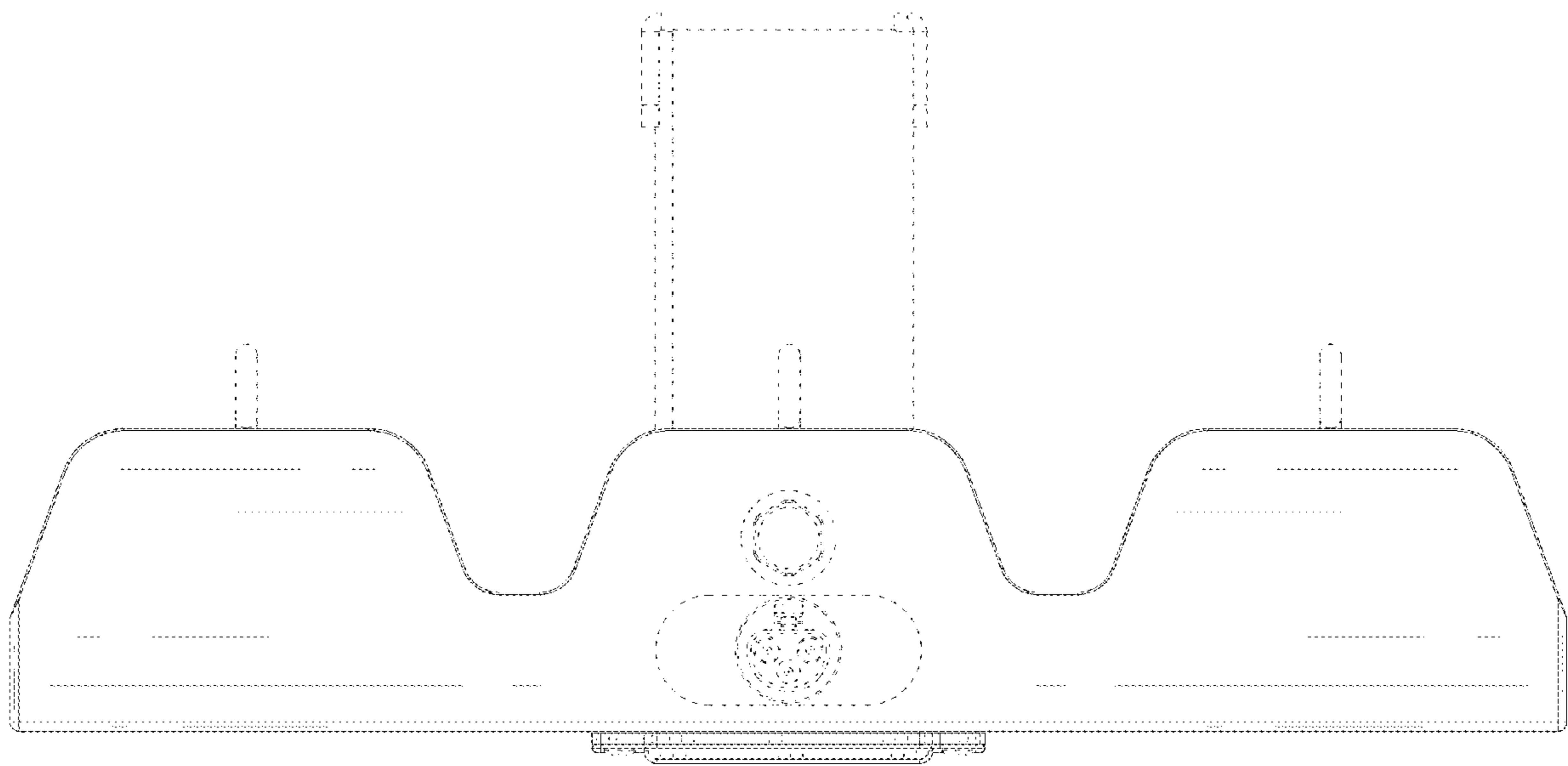


FIG.7



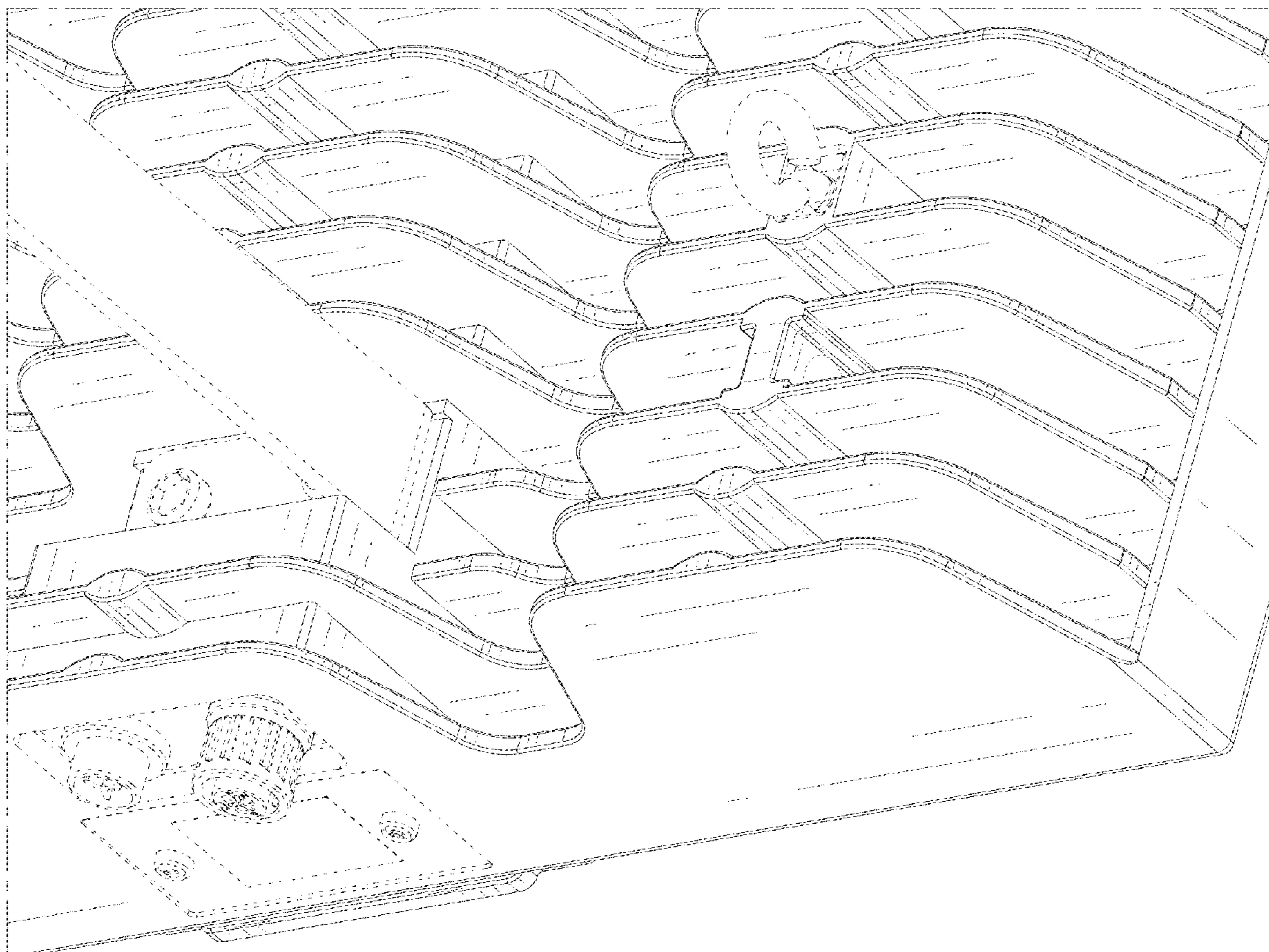


FIG.8

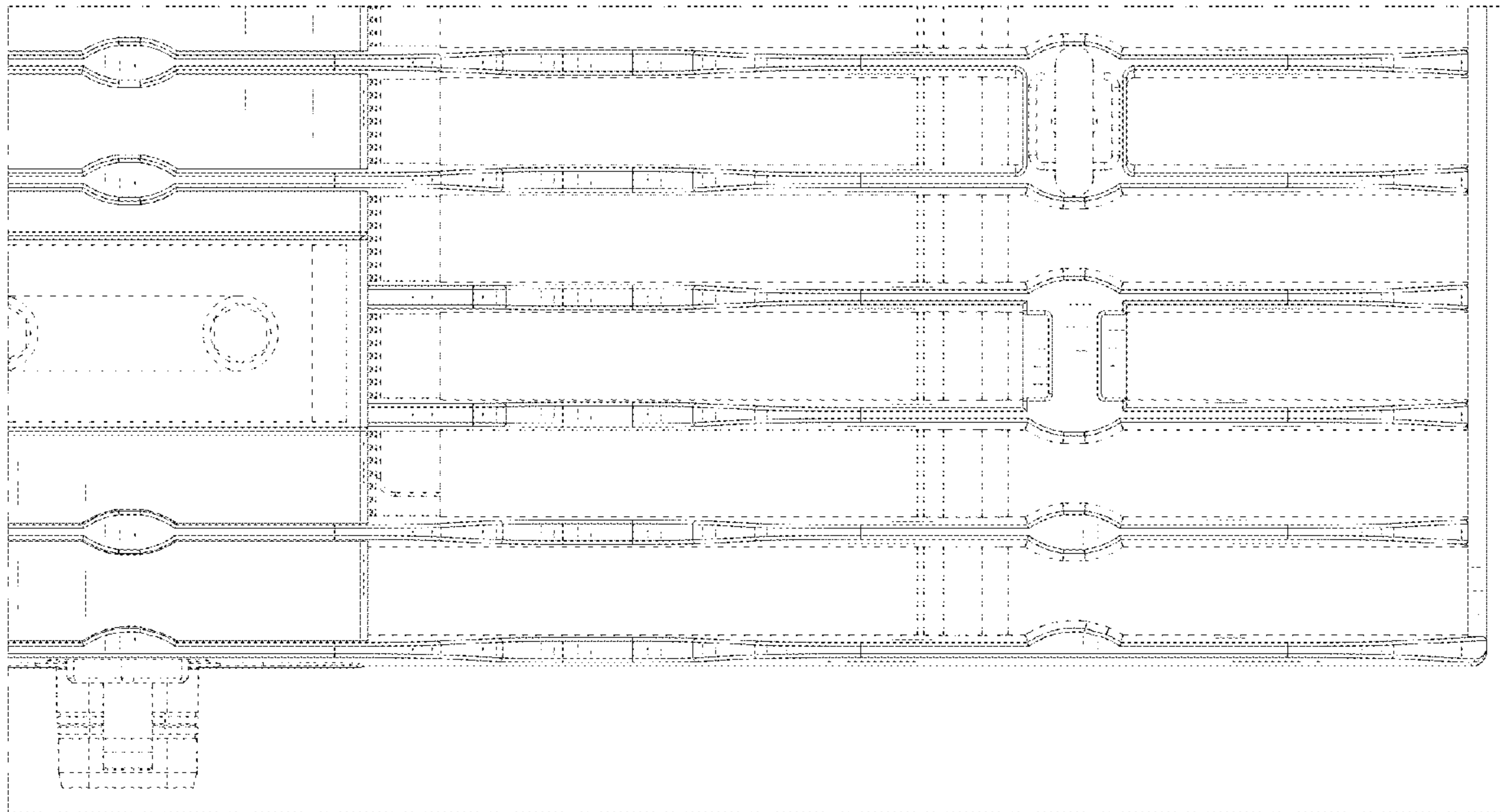


FIG.9



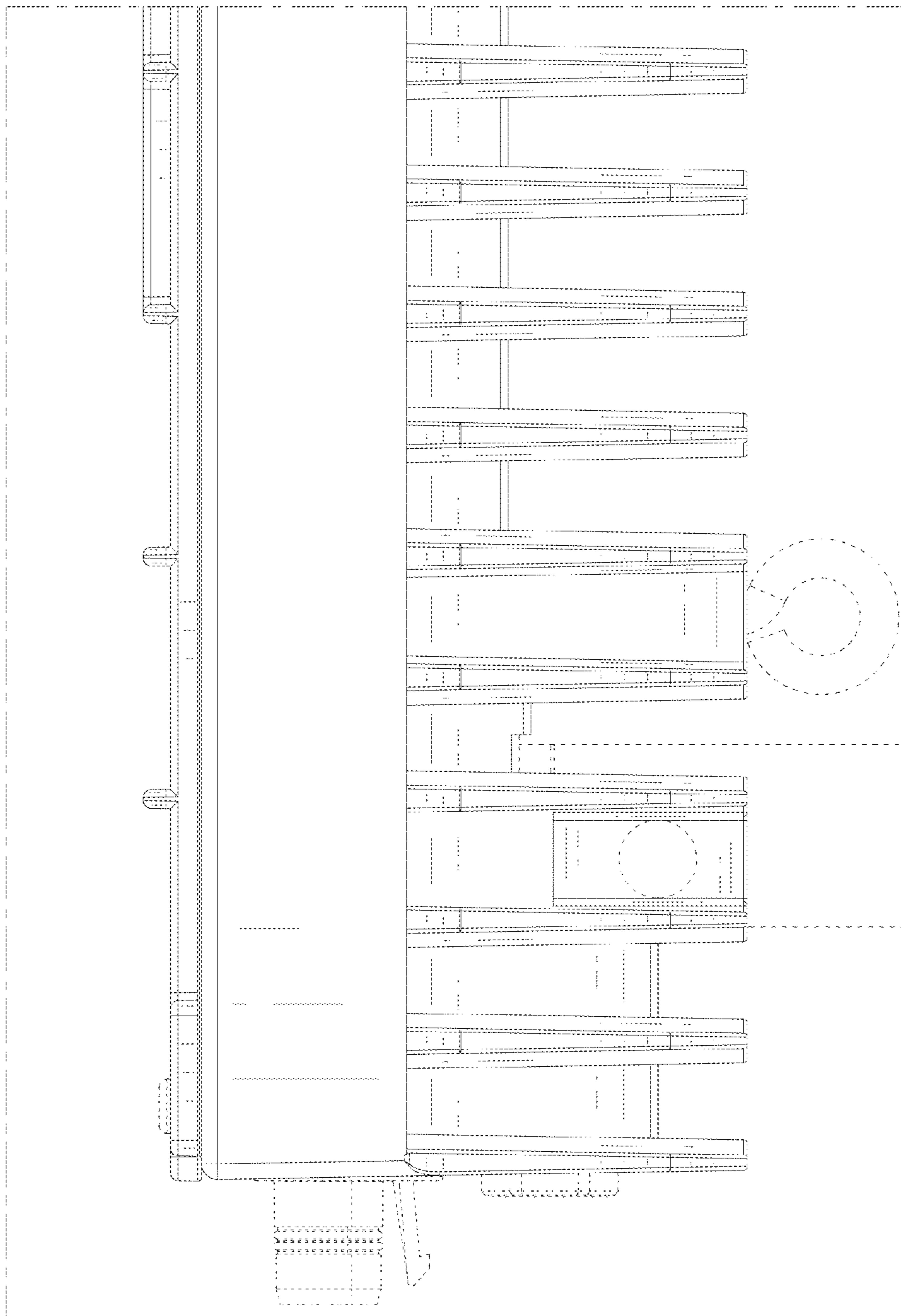


FIG. 10