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(12) **United States Design Patent**  
**Kenadzir**

(10) **Patent No.:** **US D980,401 S**  
(45) **Date of Patent:** **\*\* Mar. 7, 2023**

(54) **AIR FILTER**

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(72) Inventor: **Vincent Arun Kenadzir**, Chemor (MY)

(73) Assignee: **Camfil AB**, Stockholm (SE)

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

(21) Appl. No.: **29/796,984**

(22) Filed: **Jun. 28, 2021**

(30) **Foreign Application Priority Data**

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(51) **LOC (14) Cl.** ..... **23-04**

(52) **U.S. Cl.**  
USPC ..... **D23/365**

(58) **Field of Classification Search**

USPC ..... D23/209, 210, 259, 260, 261, 262, 267,  
D23/268, 309, 311, 351-367, 386, 387,  
D23/388, 397, 412; D25/68, 69, 112;  
D8/354; D24/162

CPC ..... E04D 13/08; E04D 13/064; E04D 13/076;  
E04D 13/0646; E04D 13/0725; E04B  
2/78; E04C 2/38; E04F 11/032; E04F  
11/038; E04F 2011/0209; E03D 11/13;  
E03D 11/16; E03D 11/17; E03D 11/135;  
E03D 11/143; A47K 13/24; A01M 31/02;  
A01M 31/025; E04H 4/1218; A61L 9/00;  
A61L 9/02; A61L 9/012; A61L 9/03;  
A61L 9/032; A61L 9/035; A61L 9/037;  
A61L 9/04; A61L 9/12; A61L 9/122;  
A61L 2209/16; B01D 35/28; B01D  
35/30; B01D 46/0002; B01D 46/0005;  
B01D 46/0006; B01D 46/0008; B01D  
46/0009; B01D 46/0013; B01D 46/0015;  
B01D 46/10; B01D 46/12;

(Continued)

(56) **References Cited**

U.S. PATENT DOCUMENTS

8,157,881 B1 \* 4/2012 Anoszko ..... B01D 46/0006  
55/497  
8,945,267 B2 \* 2/2015 Anoszko ..... B01D 46/10  
55/497

(Continued)

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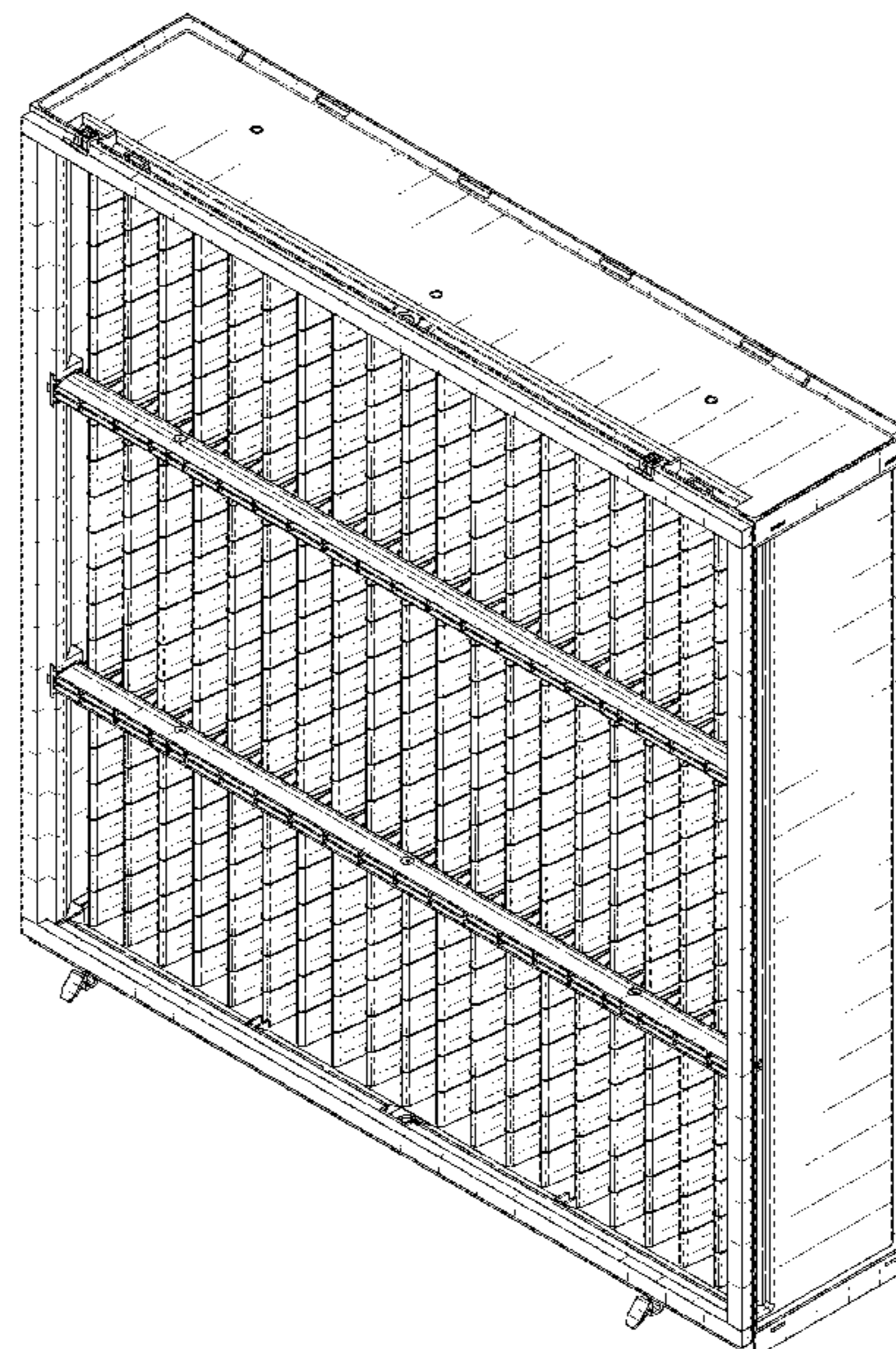
(57) **CLAIM**

The ornamental design for an air filter, as shown and described.

**DESCRIPTION**

FIG. 1 is a top-front-left perspective view of a first embodiment of an air filter, according to my new design;  
FIG. 2 is a bottom-rear-left 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 view thereof;  
FIG. 8 is a bottom view thereof;  
FIG. 9 is a cross-sectional view thereof, as taken at a line 9--9 shown in FIG. 3.  
FIG. 10 is a top-front-left perspective view of a second embodiment of an air filter, according to my new design;  
FIG. 11 is a bottom-rear-left perspective view thereof;  
FIG. 12 is a front elevational view thereof;  
FIG. 13 is a rear elevational view thereof;  
FIG. 14 is a right side view thereof;  
FIG. 15 is a left side view thereof;  
FIG. 16 is a top view thereof;  
FIG. 17 is a bottom view thereof; and,  
FIG. 18 is a cross-sectional view thereof, as taken at a line 18-18 shown in FIG. 12.

**1 Claim, 14 Drawing Sheets**



(58) **Field of Classification Search**

CPC ..... B01D 46/2422; B01D 46/4236; B01D  
46/521; B01D 2267/60; F24F 3/00; F24F  
3/12; F24F 3/14; F24F 3/16  
See application file for complete search history.

(56) **References Cited**

U.S. PATENT DOCUMENTS

D831,157	S *	10/2018	Kronk	.....	D23/209
10,335,729	B1 *	7/2019	Nance	.....	B01D 46/521
D914,864	S *	3/2021	Roblin	.....	D23/365
2002/0100264	A1 *	8/2002	Rivera	.....	B01D 46/10
					55/497
2014/0230385	A1 *	8/2014	Schuld	.....	B01D 46/10
					55/481
2019/0046909	A1 *	2/2019	Haas	.....	B01D 46/0005
2020/0269174	A1 *	8/2020	Schumacher	.....	B01D 46/0006

\* cited by examiner



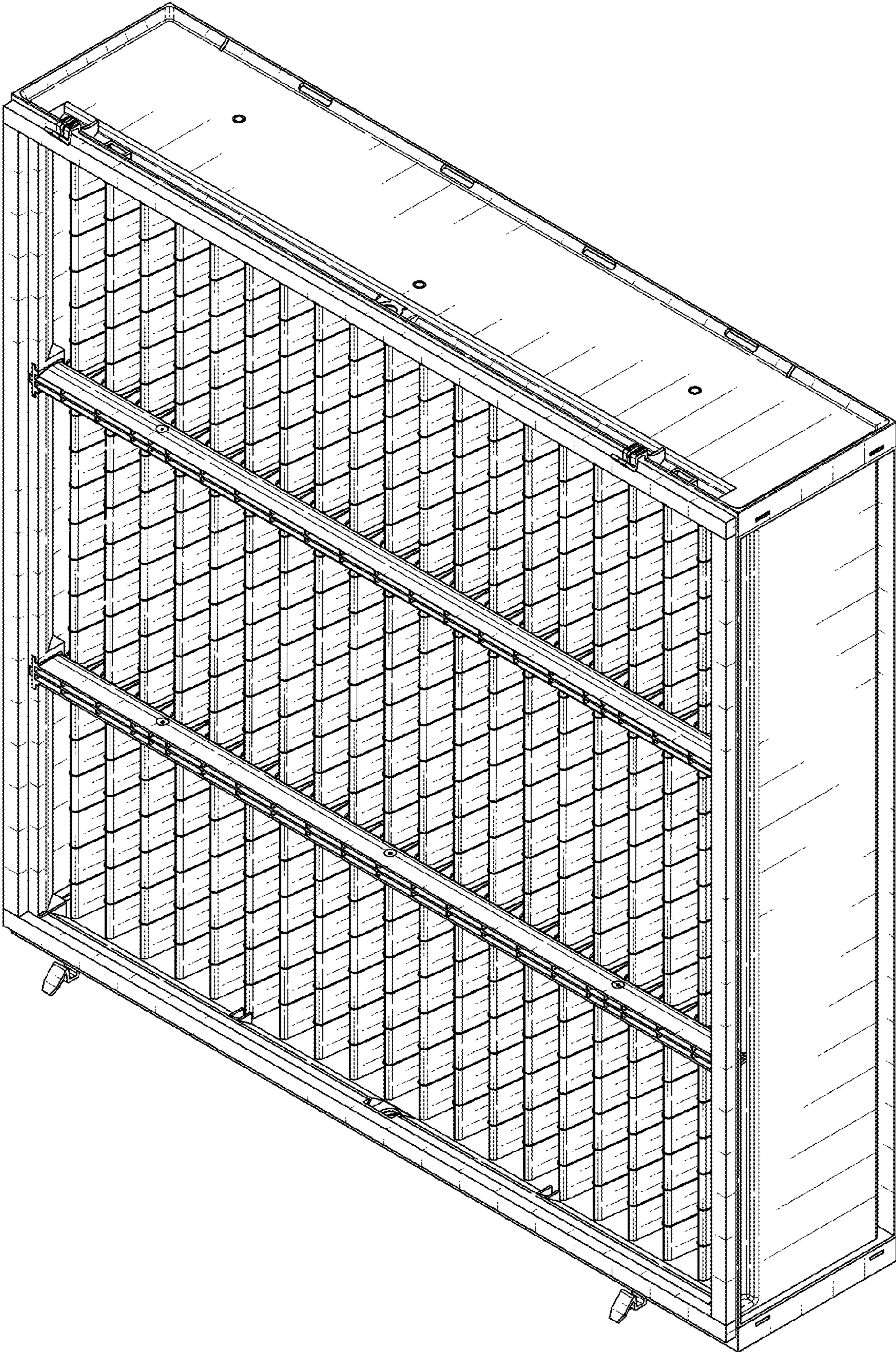


FIG. 1



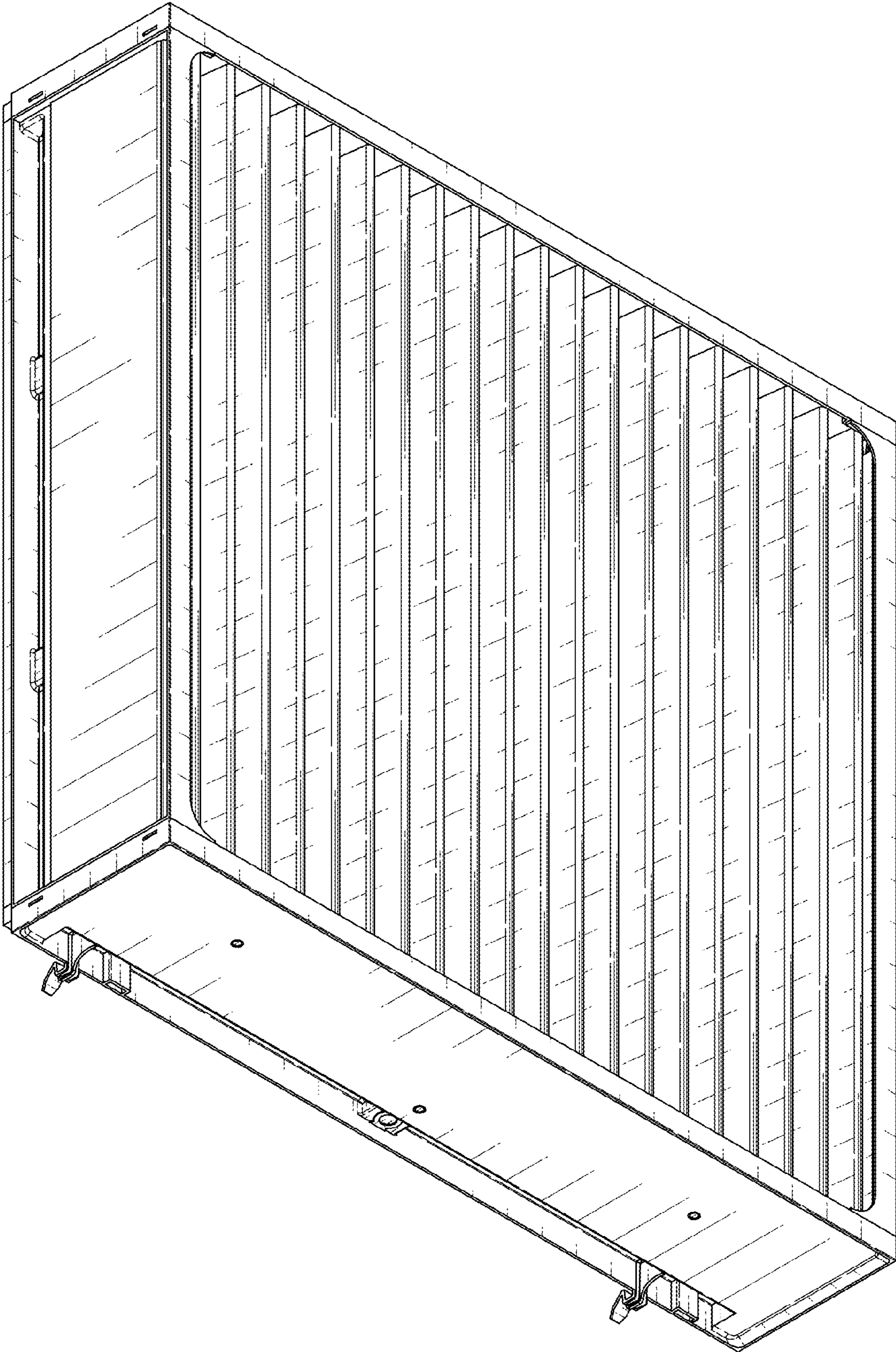


FIG. 2



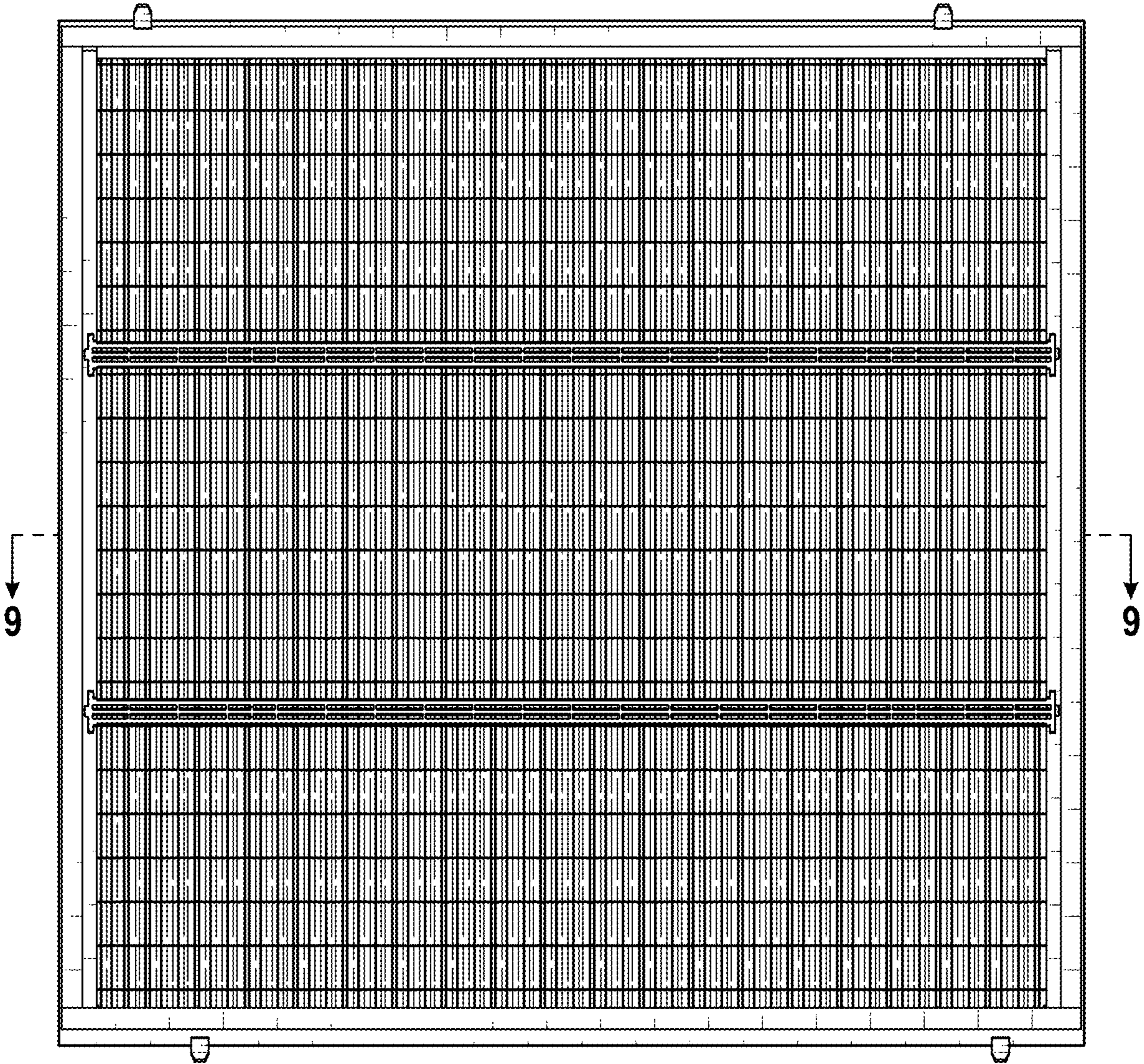


FIG. 3



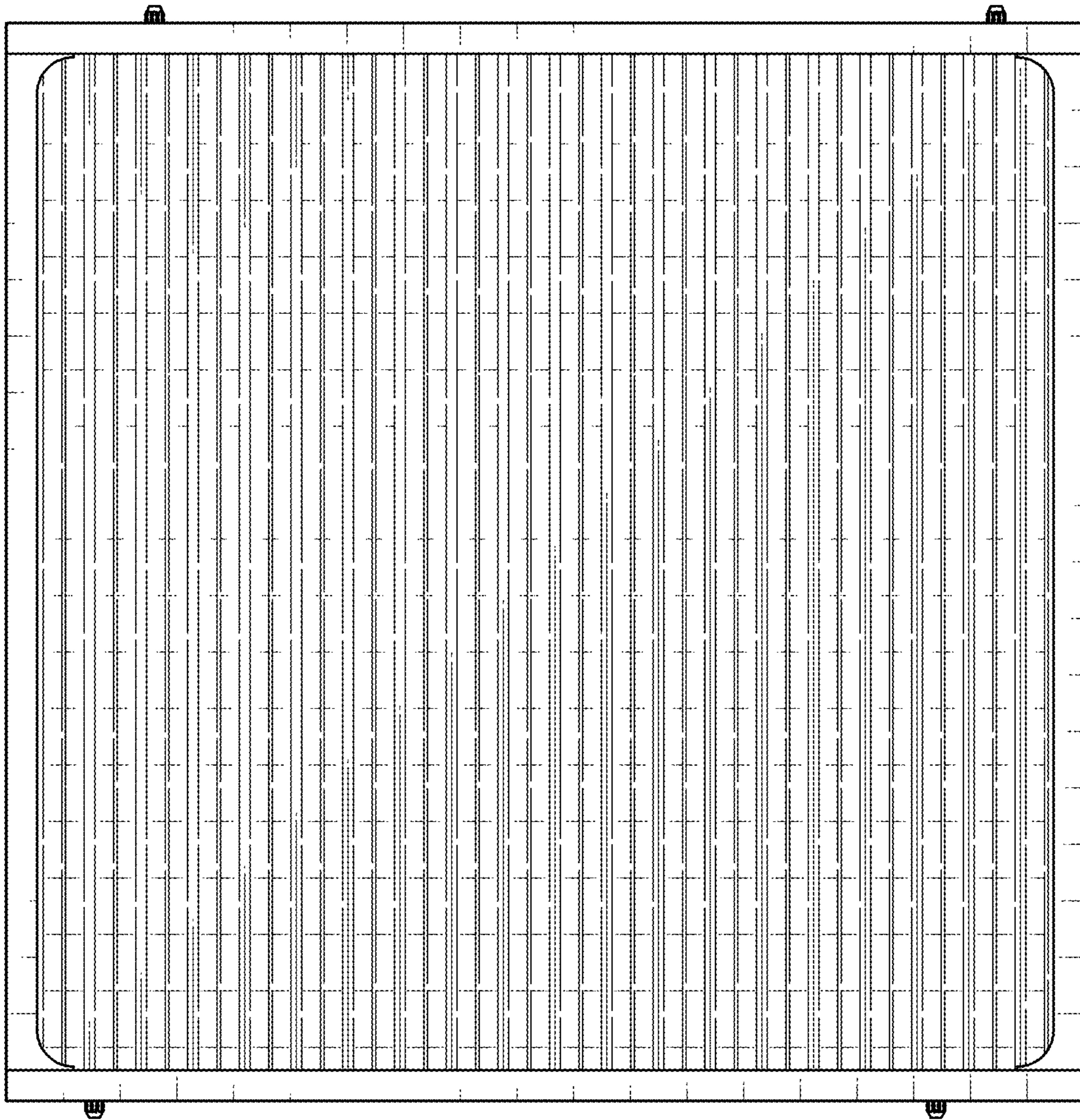


FIG. 4

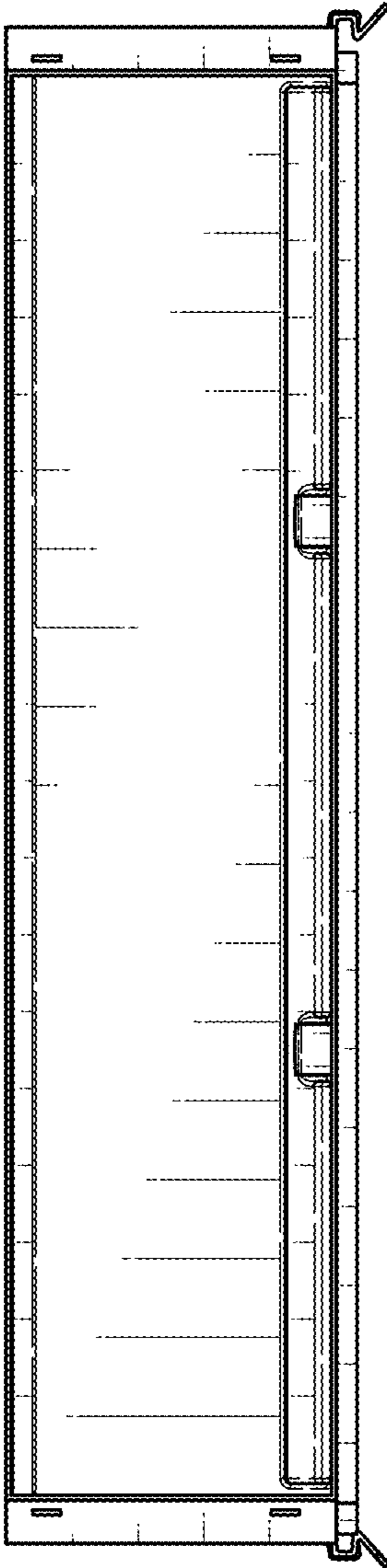


FIG. 5

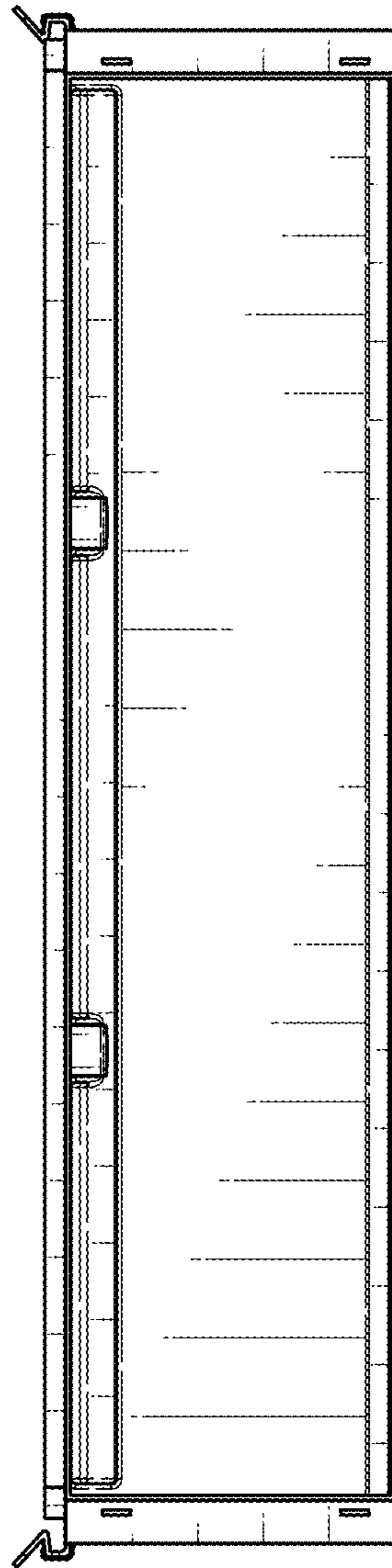


FIG. 6



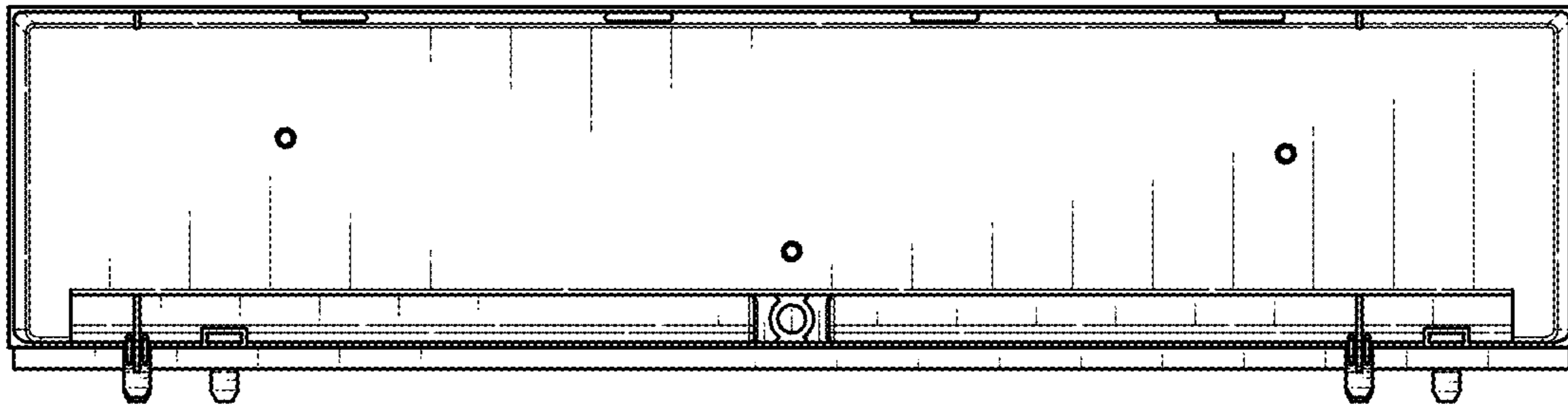


FIG. 7

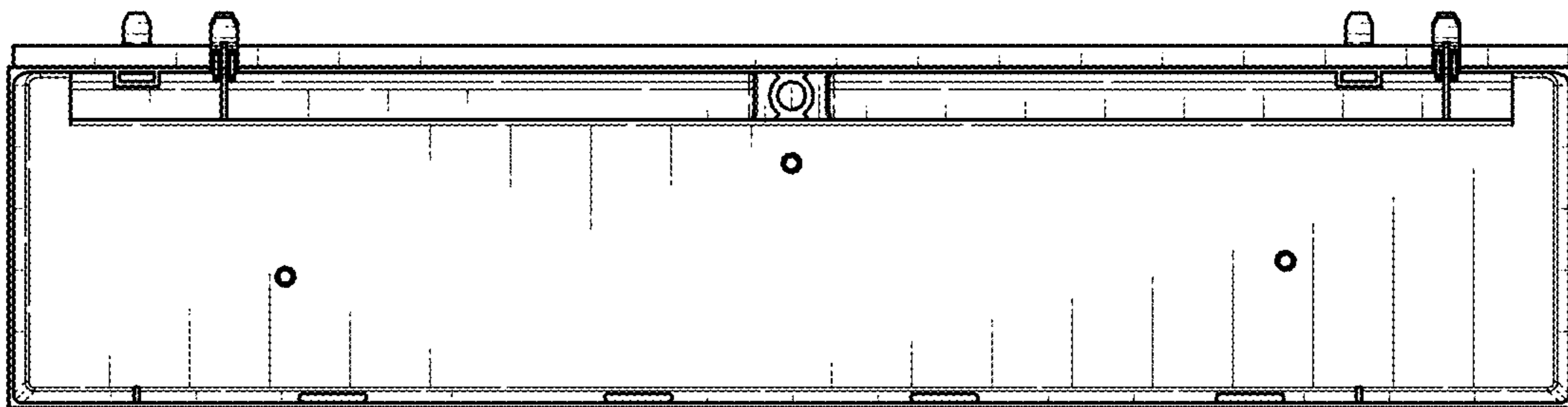


FIG. 8

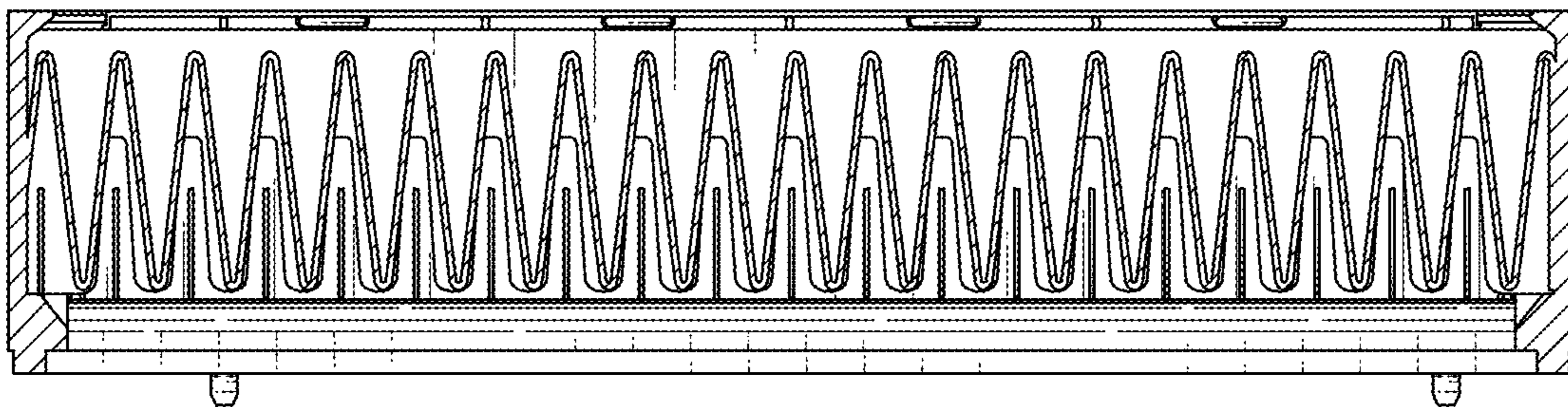


FIG. 9



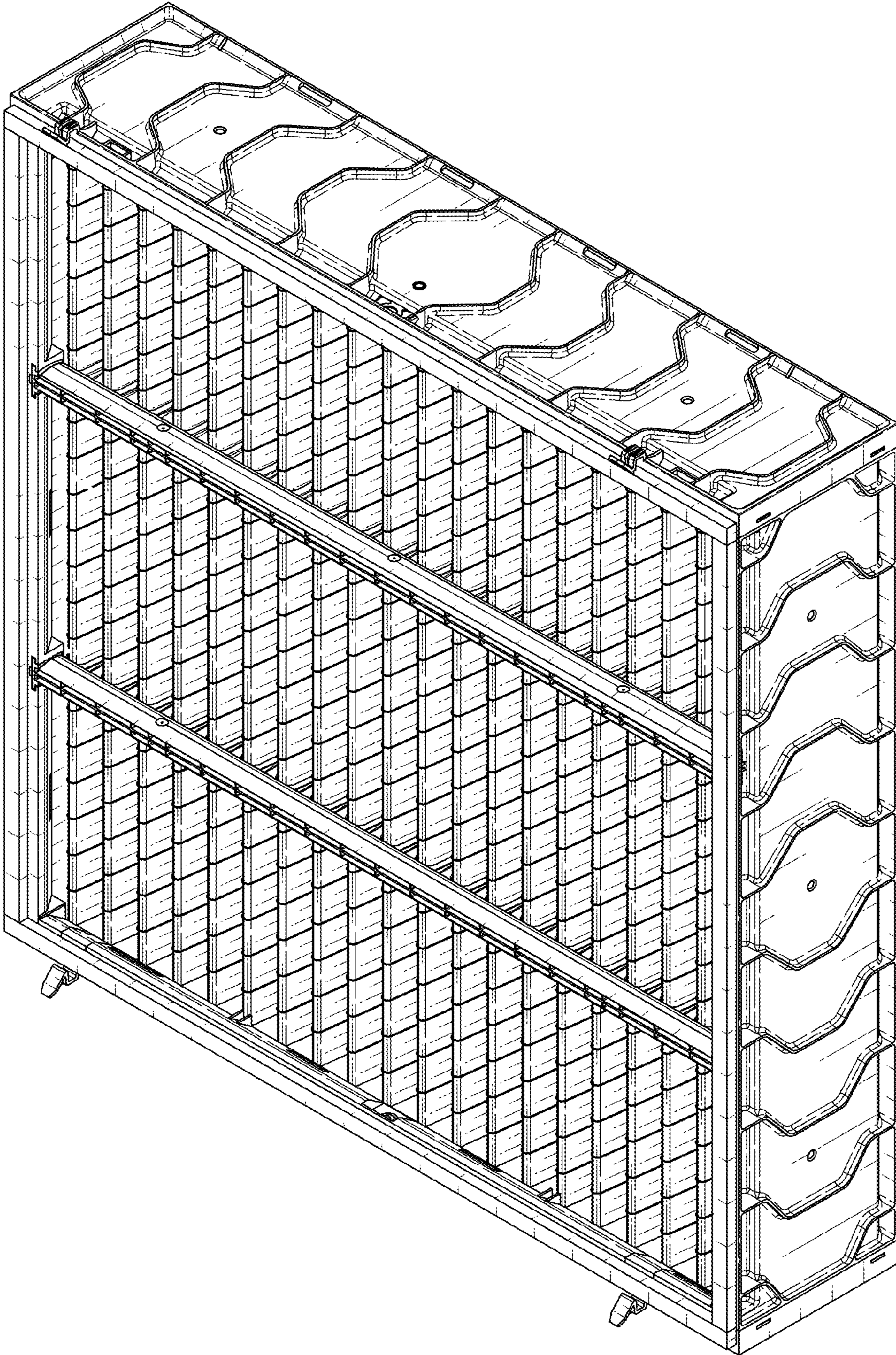


FIG. 10



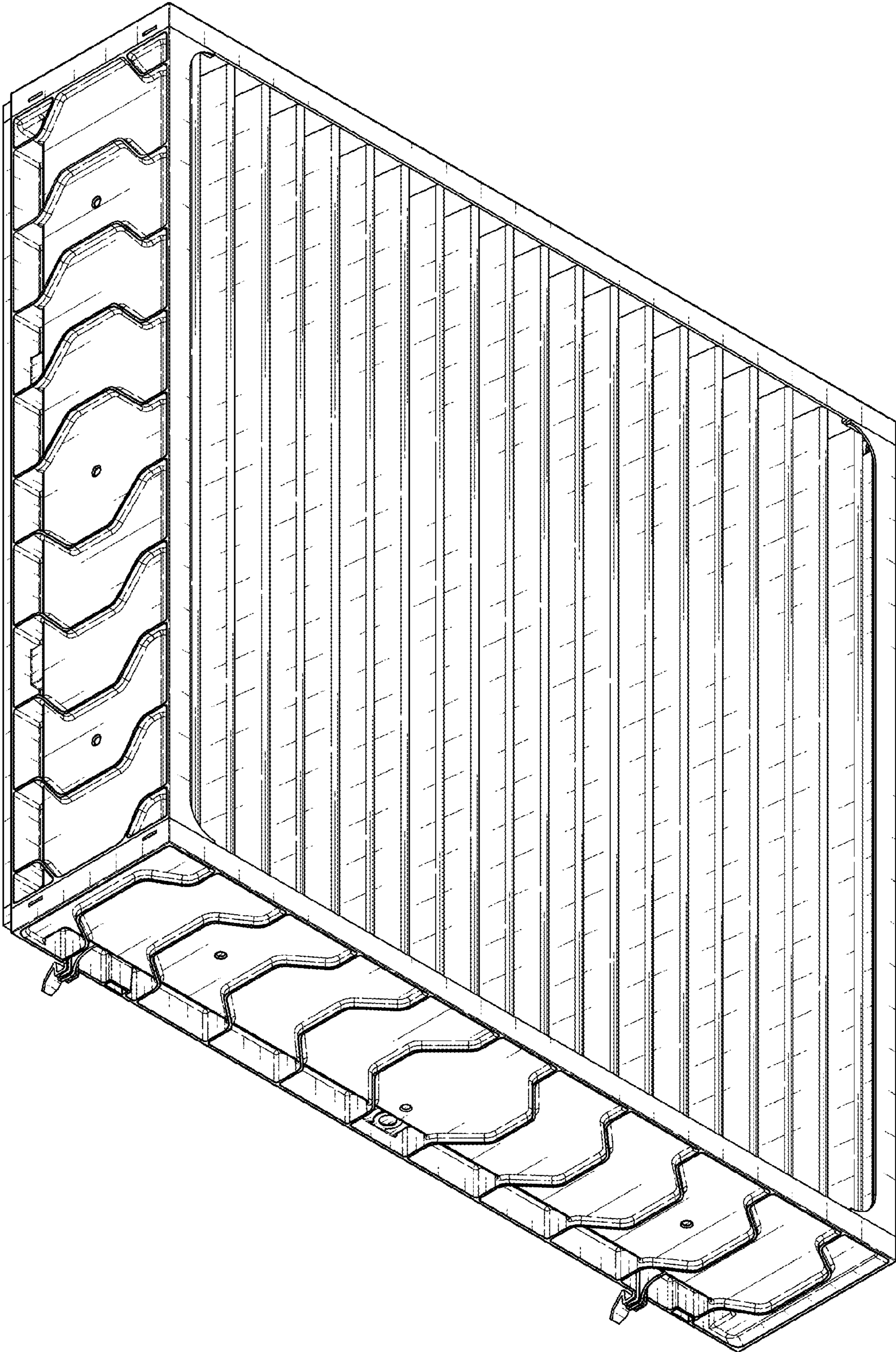


FIG. 11



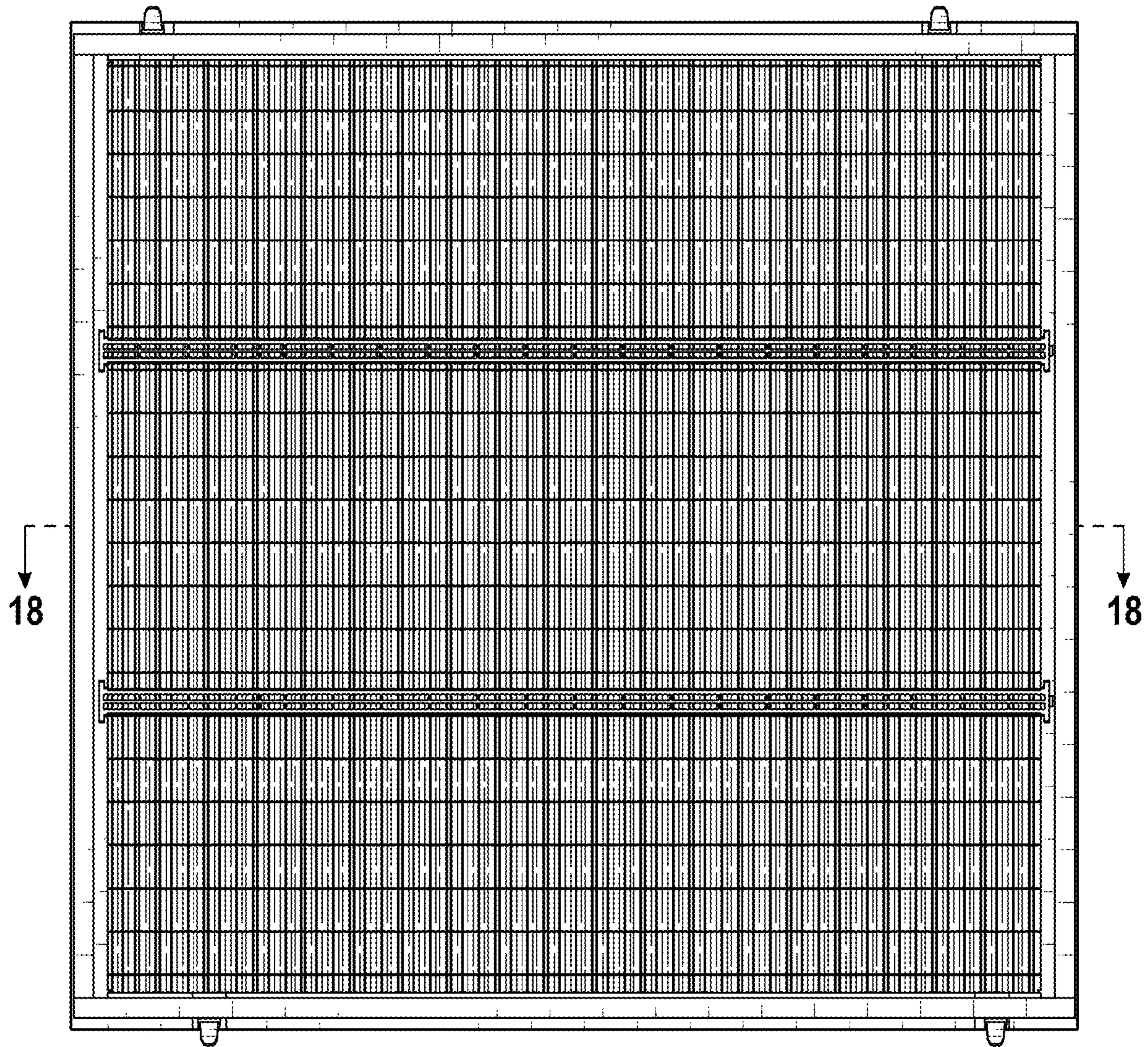


FIG. 12



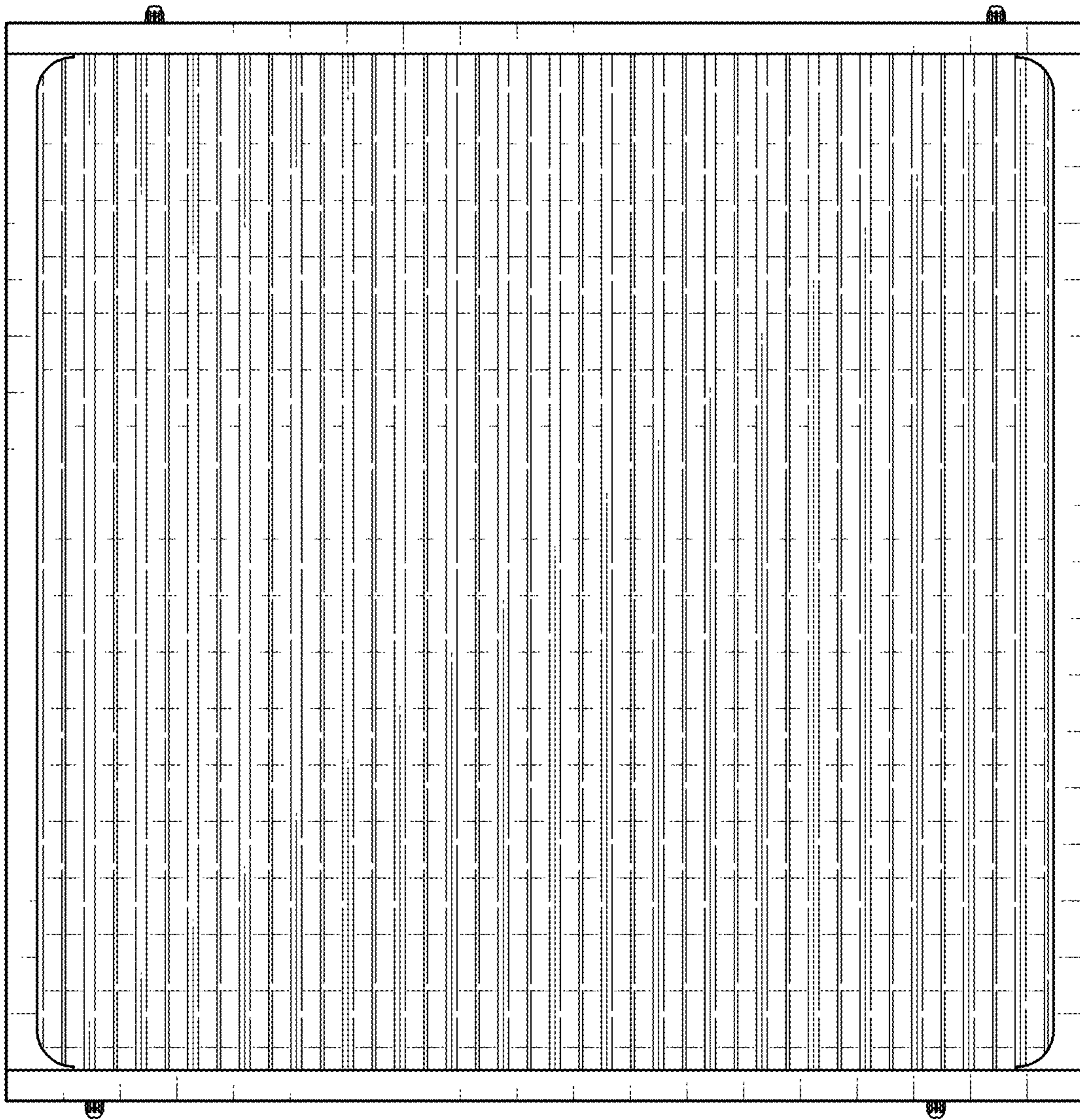


FIG. 13

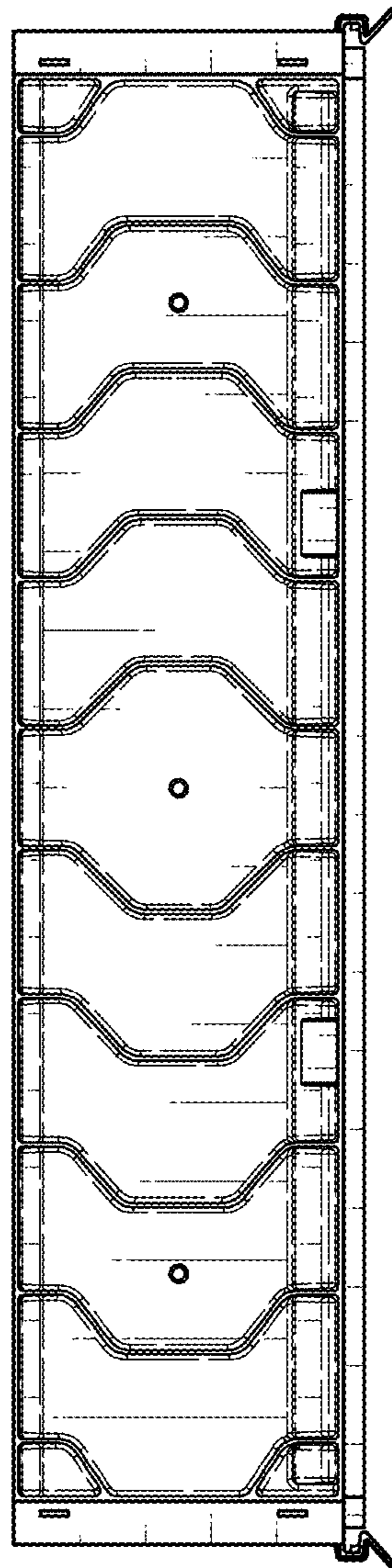


FIG. 14



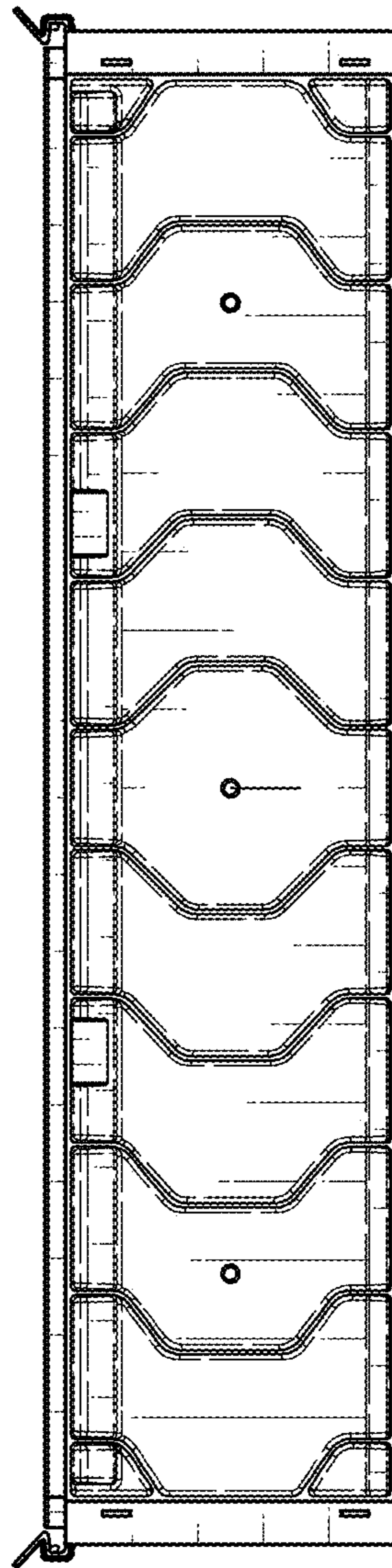


FIG. 15

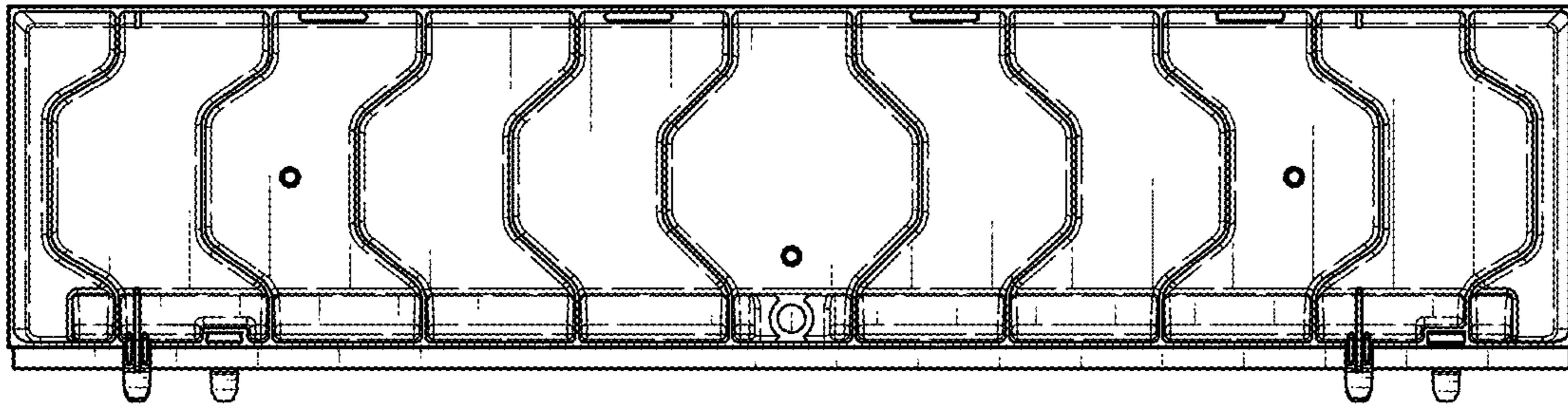


FIG. 16

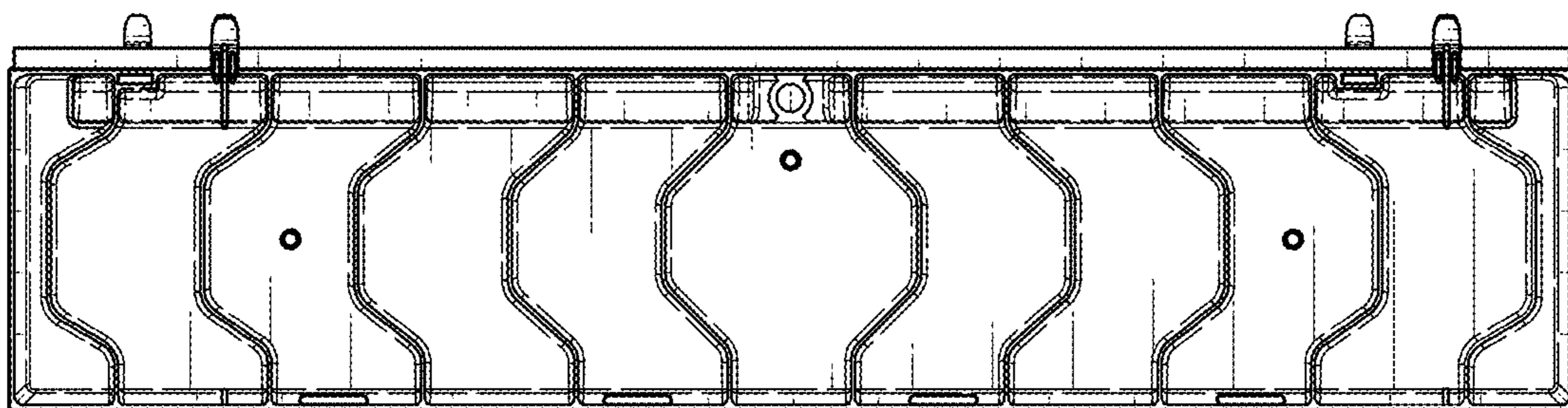


FIG. 17

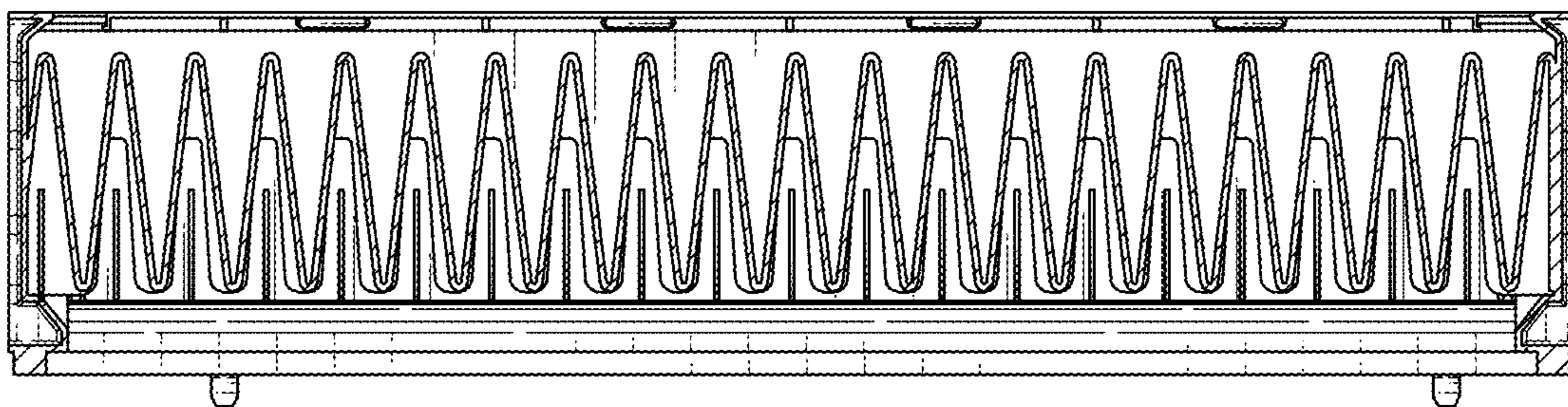


FIG. 18