



US00D892345S

(12) **United States Design Patent** (10) **Patent No.:** **US D892,345 S**  
**Strahan et al.** (45) **Date of Patent:** **\*\* Aug. 4, 2020**

(54) **PHOTOBIO-MODULATION THERAPY SYSTEM**

*Primary Examiner* — Anhdao Doan

(71) Applicant: **Joovv, Inc.**, San Clemente, CA (US)

(57) **CLAIM**

The ornamental design for a photobiomodulation therapy system, as shown and described.

(72) Inventors: **Justin Strahan**, San Clemente, CA (US); **Scott Nelson**, San Clemente, CA (US)

**DESCRIPTION**

(73) Assignee: **Joovv, Inc.**, San Clemente, CA (US)

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

(21) Appl. No.: **29/696,393**

(22) Filed: **Jun. 27, 2019**

**Related U.S. Application Data**

(63) Continuation-in-part of application No. 16/167,385, filed on Oct. 22, 2018.

(51) **LOC (12) Cl.** ..... **28-03**

(52) **U.S. Cl.**  
USPC ..... **D24/209**

(58) **Field of Classification Search**  
USPC ..... D24/107, 186, 200, 209, 210, 231;  
D26/67–69, 74, 76, 80, 93, 106, 110, 120  
(Continued)

(56) **References Cited**

**U.S. PATENT DOCUMENTS**

D402,763 S \* 12/1998 Bring ..... D24/210  
6,626,932 B2 9/2003 Whitehurst  
(Continued)

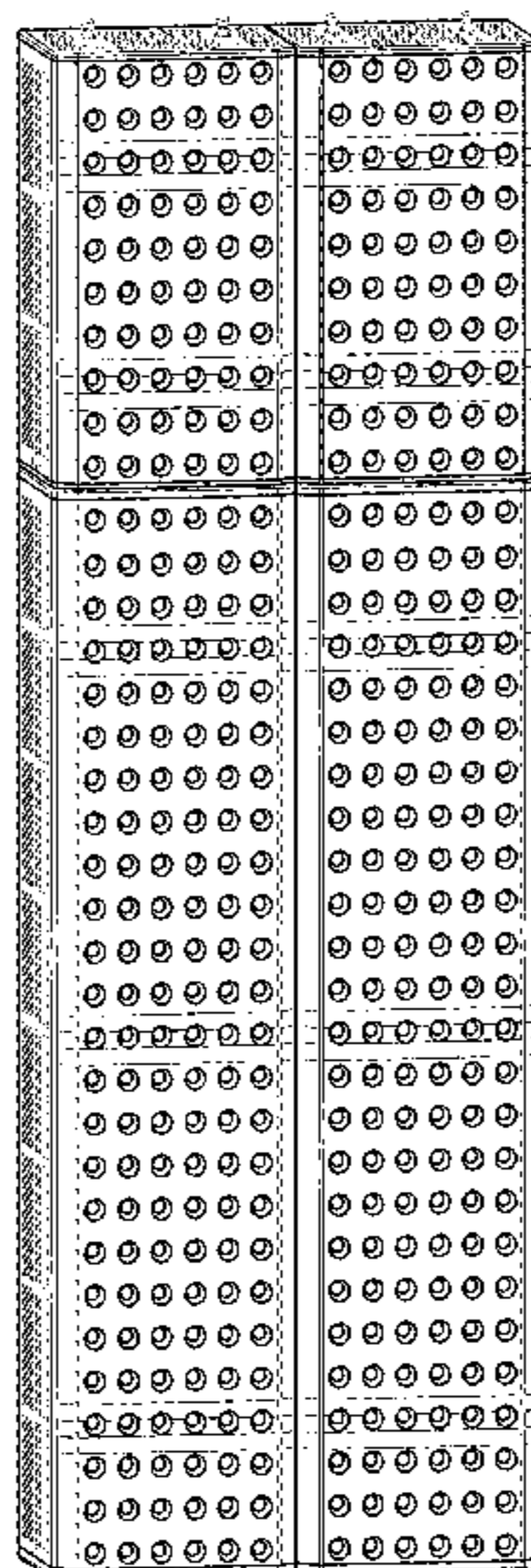
**OTHER PUBLICATIONS**

Kind LED Grow Lights, “Kind LED Grow Lights K5 Series Instructions”—Downloaded on Oct. 1, 2018 from <https://www.kindledgrowlights.com/pages/k5-setup>.

(Continued)

FIG. 1 is a front, first side, and top perspective view of a photobiomodulation therapy system embodying the new design;  
FIG. 2 is a back, second side, and top perspective view thereof;  
FIG. 3 is a front view thereof;  
FIG. 4 is a back view thereof;  
FIG. 5 is a first side view thereof;  
FIG. 6 is a second side view thereof;  
FIG. 7 is a top view thereof;  
FIG. 8 is a bottom view thereof;  
FIG. 9 is a back, second side, and top perspective view thereof without a coupling bracket;  
FIG. 10 is a back view thereof without a coupling bracket;  
FIG. 11 is a front, first side, and top perspective view of a photobiomodulation therapy system embodying the new design with the system arranged in an inverted configuration to that of FIG. 1;  
FIG. 12 is a back, second side, and top perspective view thereof;  
FIG. 13 is a front view thereof;  
FIG. 14 is a back view thereof;  
FIG. 15 is a first side view thereof;  
FIG. 16 is a second side view thereof;  
FIG. 17 is a top view thereof;  
FIG. 18 is a bottom view thereof;  
FIG. 19 is a back, second side, and top perspective view thereof without a coupling bracket; and,  
FIG. 20 is a back view thereof without a coupling bracket. The broken lines depict portions of the photobiomodulation therapy system that form no part of the claimed design; the broken lines form no part of the claimed design.

**1 Claim, 20 Drawing Sheets**



(58) **Field of Classification Search**

CPC .... A61N 5/062; A61N 5/0616; A61N 5/0618;  
 A61N 2005/0629; A61N 2005/0636;  
 A61N 2005/064; A61N 2005/0643; A61N  
 2005/0644; A61N 2005/0659; A61N  
 2005/0662; A61N 2005/0663; A61B  
 2018/00452; A61B 2018/1807

See application file for complete search history.

2008/0119831	A1	5/2008	Myeong	
2011/0054573	A1	3/2011	Mitchell	
2012/0104977	A1*	5/2012	McKenzie	..... A01G 7/045 315/312
2017/0216616	A1*	8/2017	Boyajian	..... A61B 5/0082
2018/0236259	A1*	8/2018	Nelson	..... A61N 5/0616
2019/0216927	A1*	7/2019	Lundahl	..... A61K 9/08

(56) **References Cited**

U.S. PATENT DOCUMENTS

D517,699	S *	3/2006	Lansohn	.....	D24/210
D679,440	S *	4/2013	Smith	.....	D26/76
D704,851	S *	5/2014	Douglas	.....	D24/209
D713,970	S *	9/2014	Olofsson	.....	D24/200
9,227,082	B2	1/2016	McDaniel		
D762,870	S *	8/2016	Singh	.....	D24/210
D848,046	S *	5/2019	Zhuo	.....	D26/67
D857,273	S *	8/2019	Zou	.....	D26/80
D860,501	S *	9/2019	Heiner	.....	D26/76
D861,232	S *	9/2019	McClow	.....	D26/120
D861,971	S *	10/2019	Duckworth	.....	D26/120
D864,455	S *	10/2019	Sullivan	.....	D26/76
10,478,635	B1 *	11/2019	Nelson	.....	A61N 5/0616
2004/0260365	A1 *	12/2004	Groseth	.....	A61N 5/062 607/88
2006/0229689	A1	10/2006	Ferguson		
2007/0129777	A1	6/2007	Bolta		

OTHER PUBLICATIONS

Kind LED Grow Lights, “Kind LED Grow Lights—Voted Best LED Grow Lights of 2014!”—Downloaded on Oct. 2, 2018 from <https://www.youtube.com/watch?v=NQDWBXIMxrk>; prior part publication at least as of May 26, 2017.

Kind LED Grow Lights, “K5 Series XL1000 Indoor LED Grow Light”—Downloaded on Oct. 4, 2018 from <https://www.kindledgrowlights.com/products/k5-xl1000>.

Swedish LED Grow Lights, “300W Full Spectrum Led Grow Lights 85-265V 5730SMD USA/DE/AU/CA Stock Hanging Kit for Plants Veg Hydroponics Grow Led”—Downloaded on Jun. 5, 2017 from <http://swedishledgrowlights.com/product/300w-full-spectrum-led-grow-lights-85-265v-5730smd-usa-de-au-ca-stock-hanging-kit-for-plants-veg-hydroponics-grow-led/>.

WARP Light, “About the Quantum Light WARP 108®”—Downloaded on Sep. 19, 2019 from [https://www.warp-light.com/Quantum\\_light\\_warp\\_10.html](https://www.warp-light.com/Quantum_light_warp_10.html); prior art publication at least as of Nov. 30, 2012.

\* cited by examiner



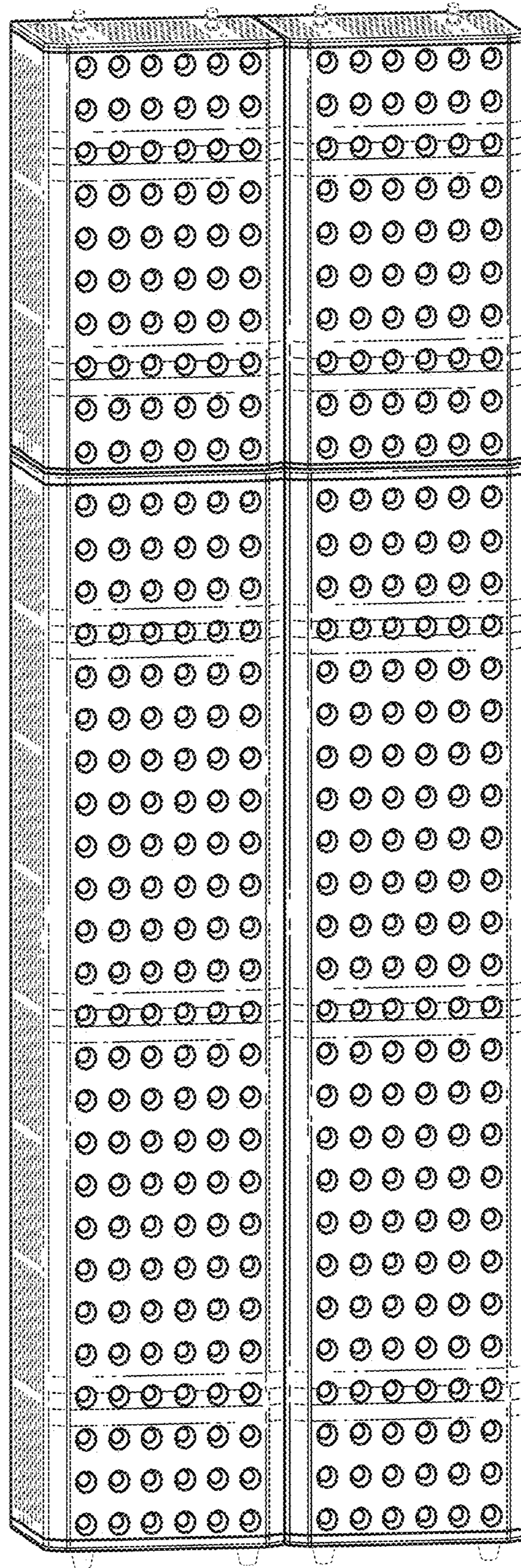


FIG. 1

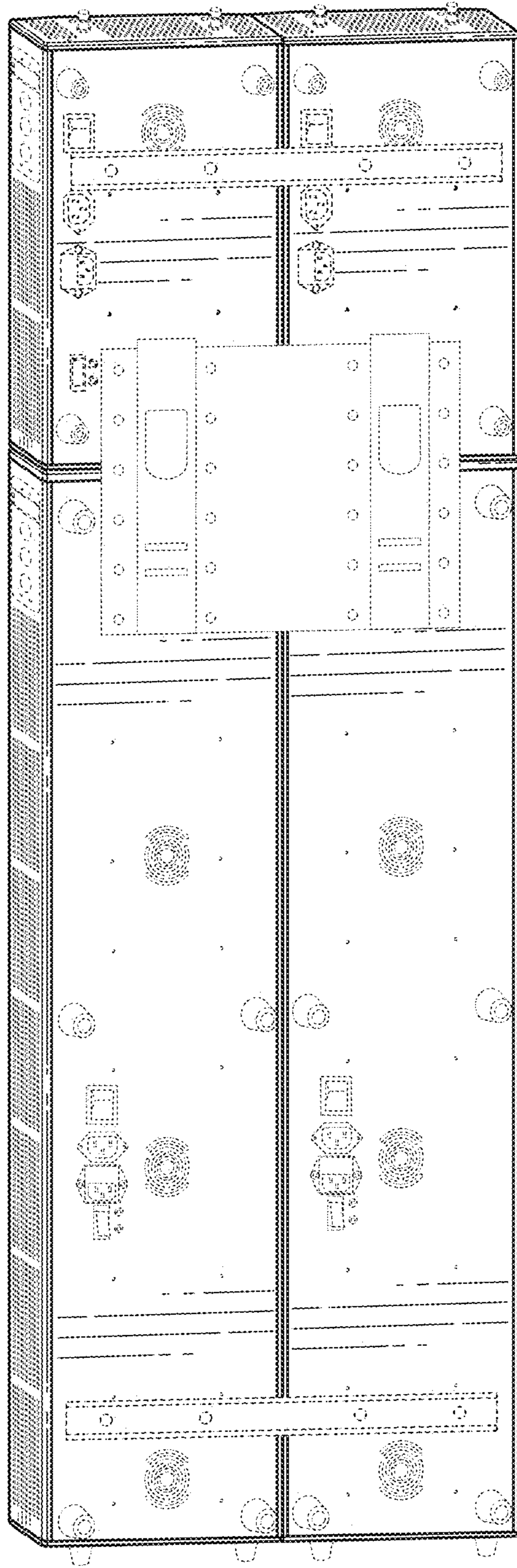


FIG. 2



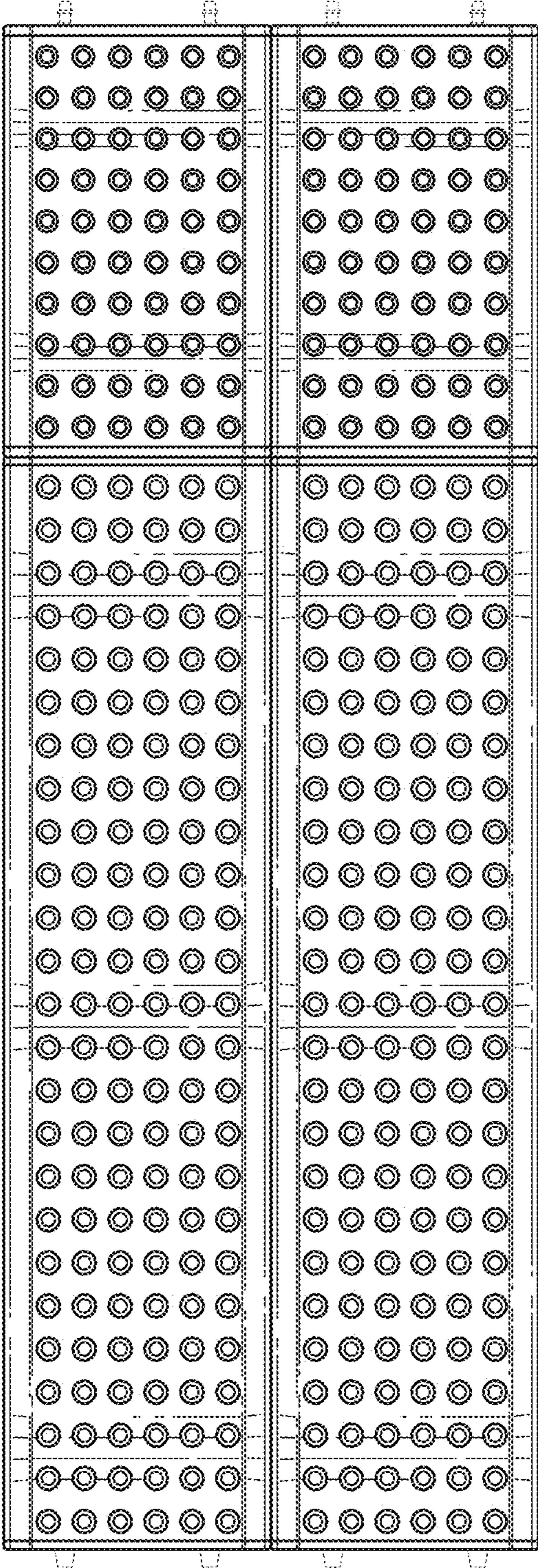


FIG. 3

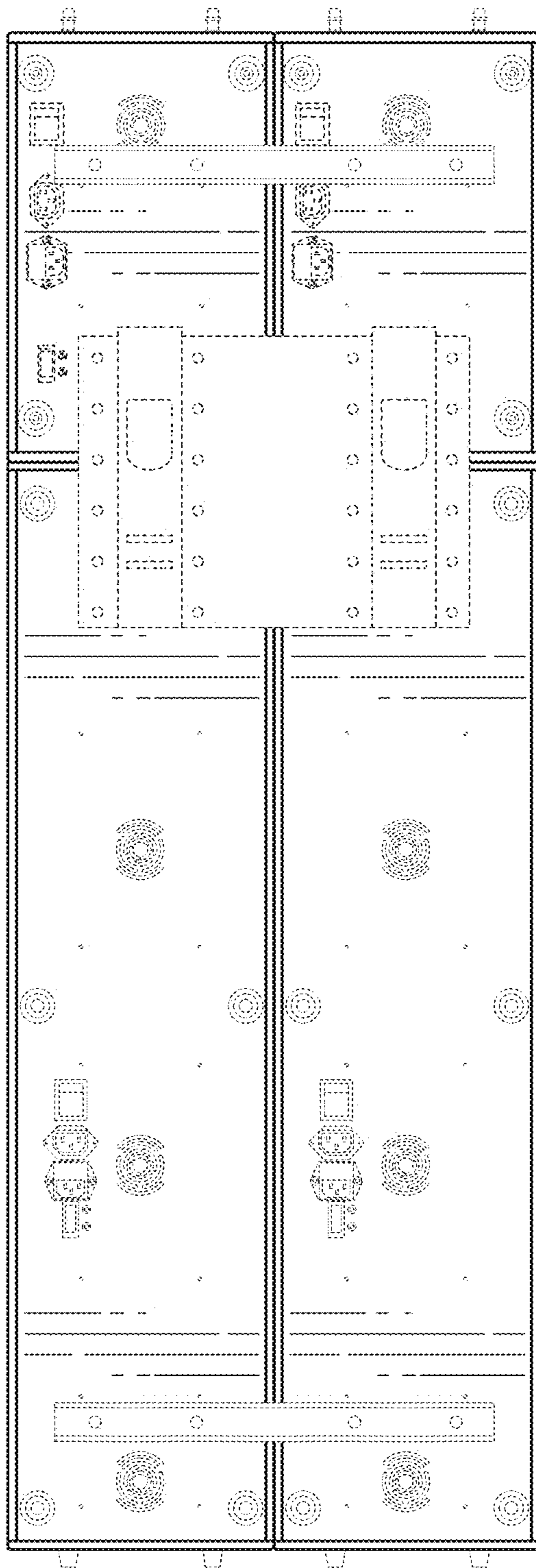


FIG. 4

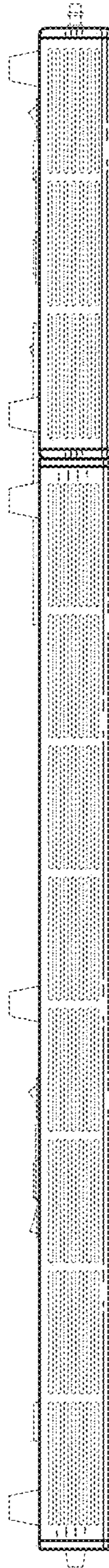


FIG. 5



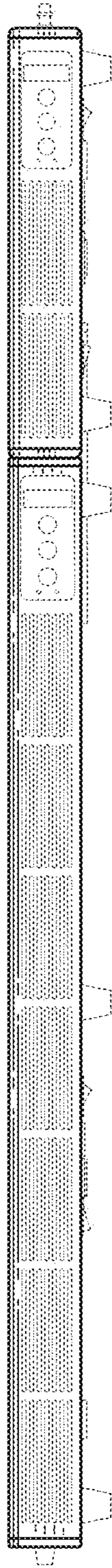


FIG. 6



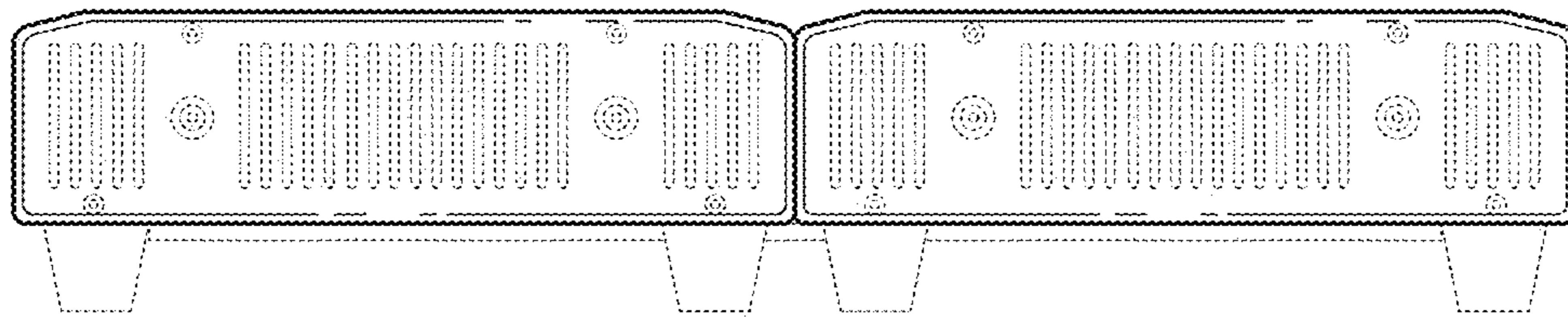


FIG. 7

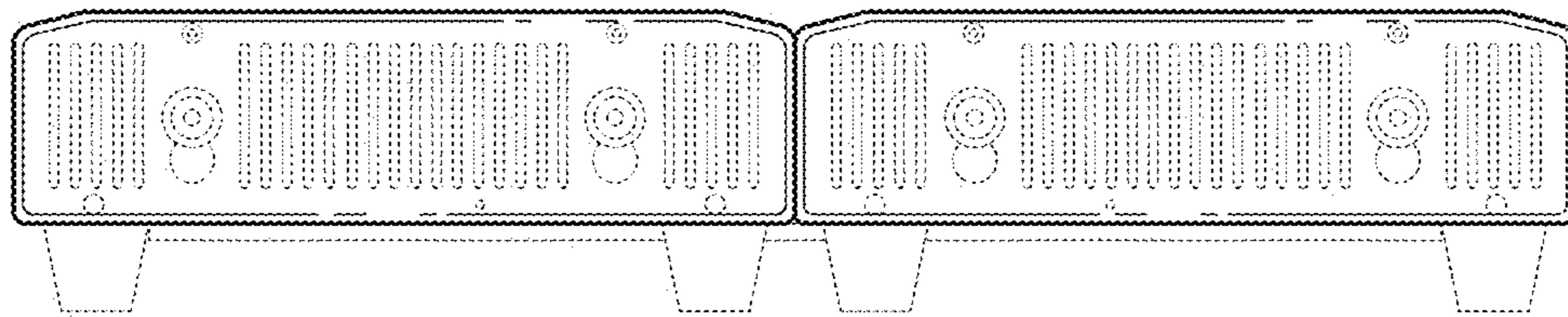


FIG. 8

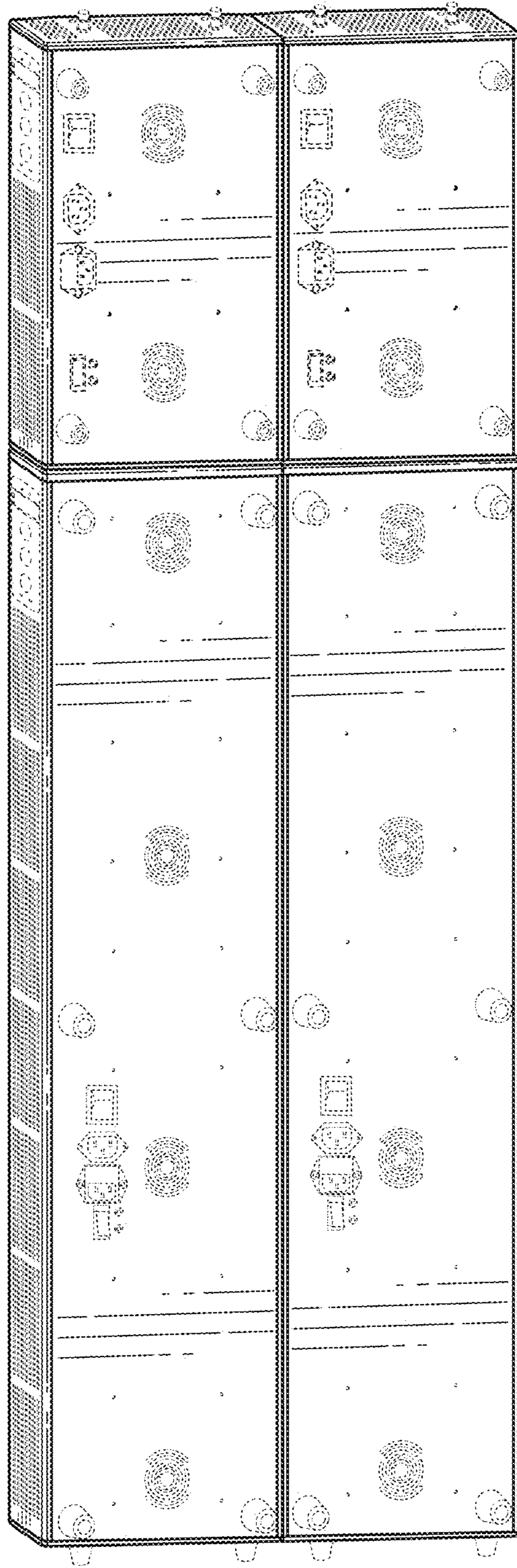


FIG. 9



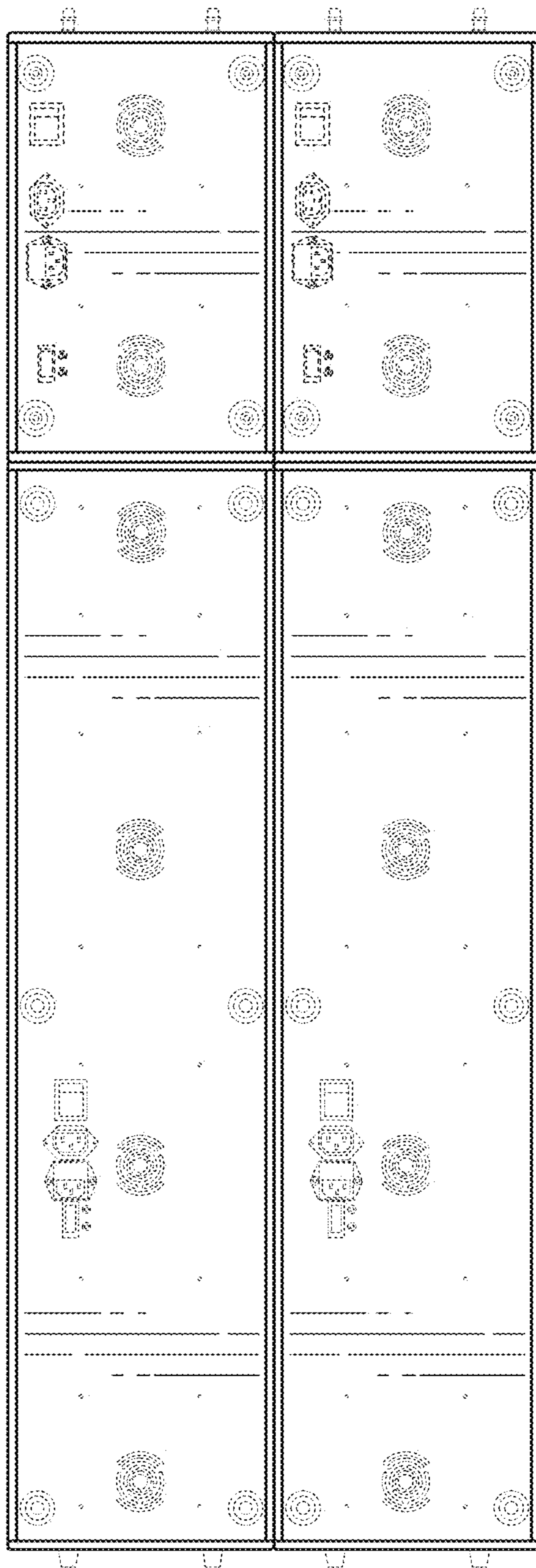


FIG. 10

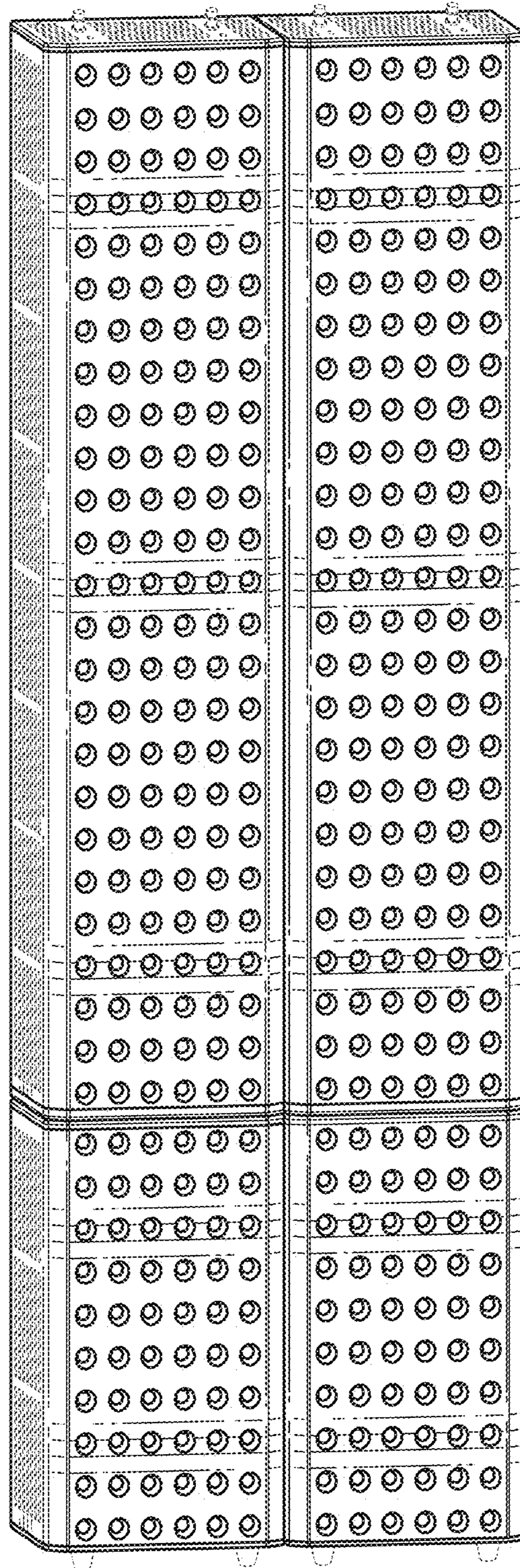


FIG. 11



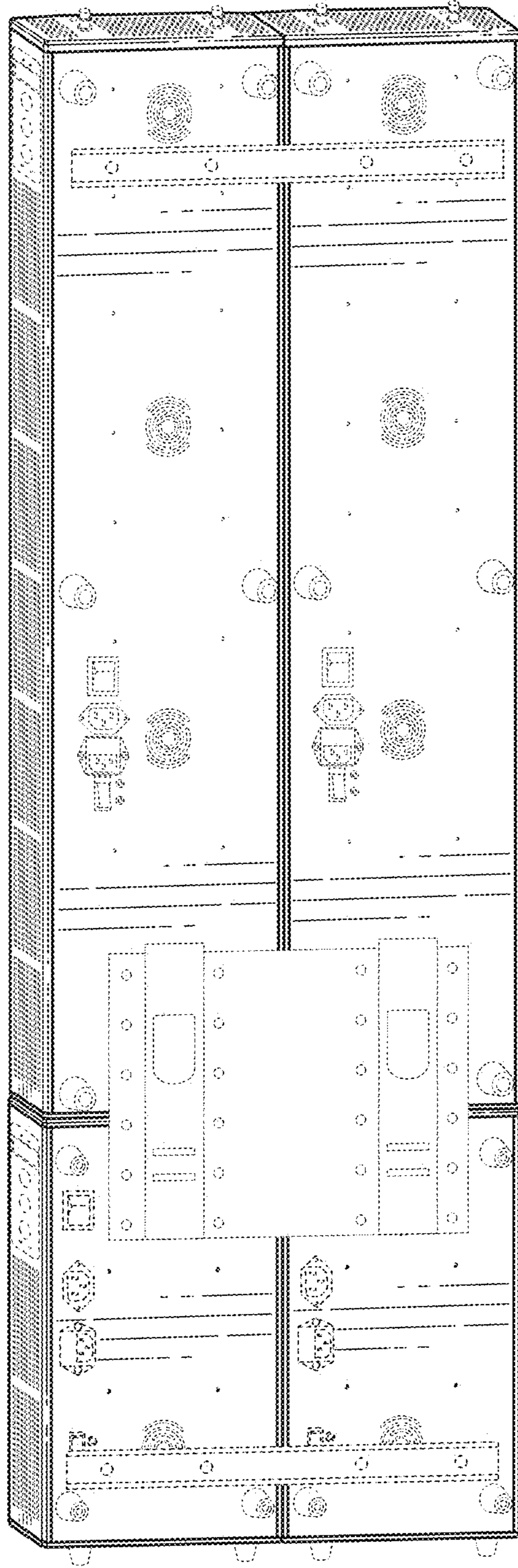


FIG. 12



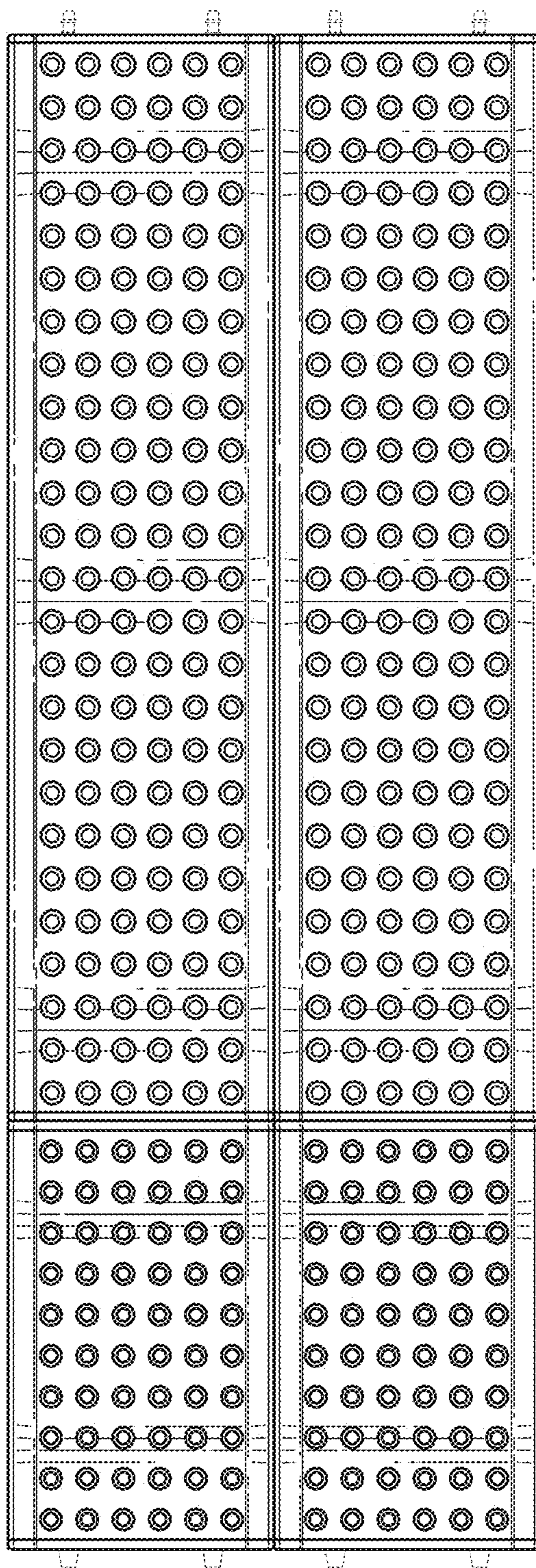


FIG. 13

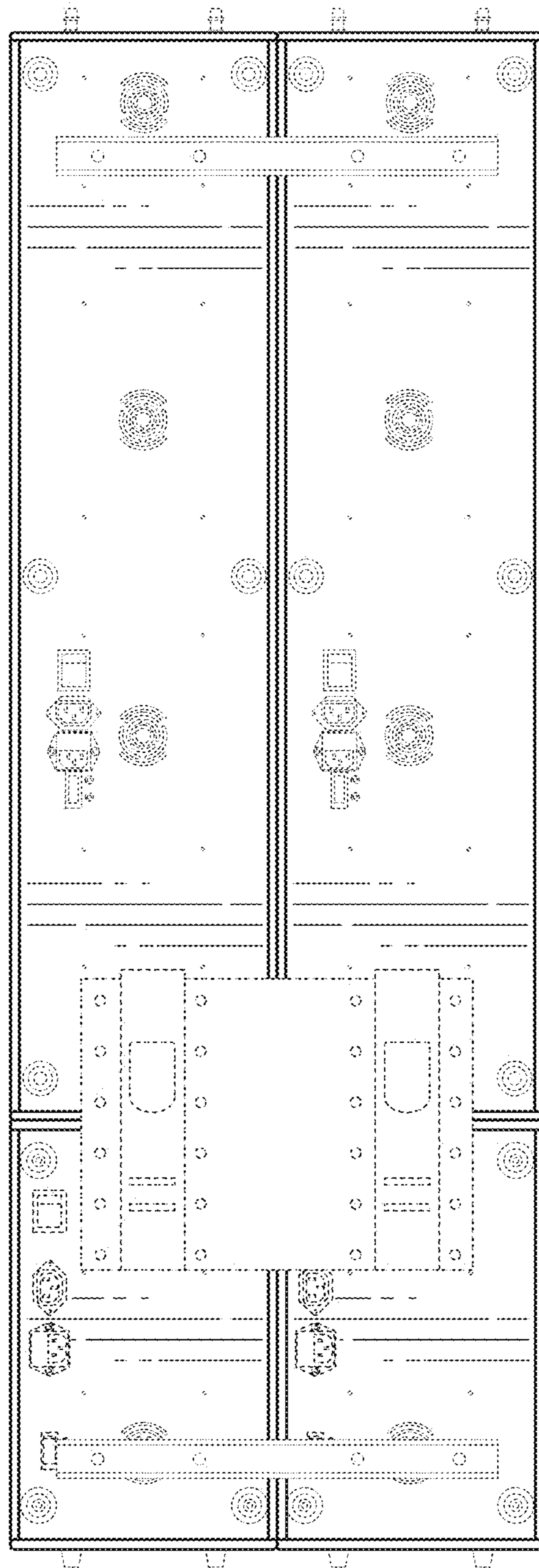


FIG. 14

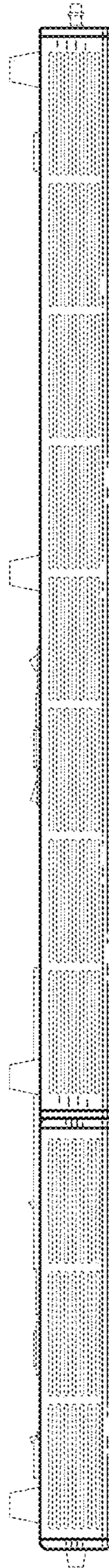


FIG. 15



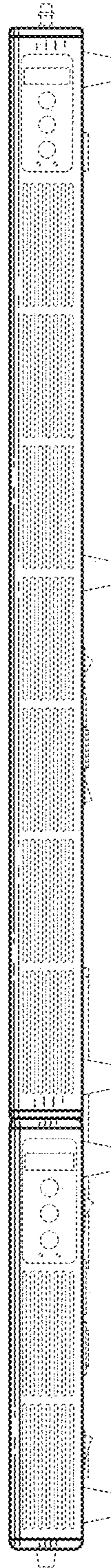


FIG. 16

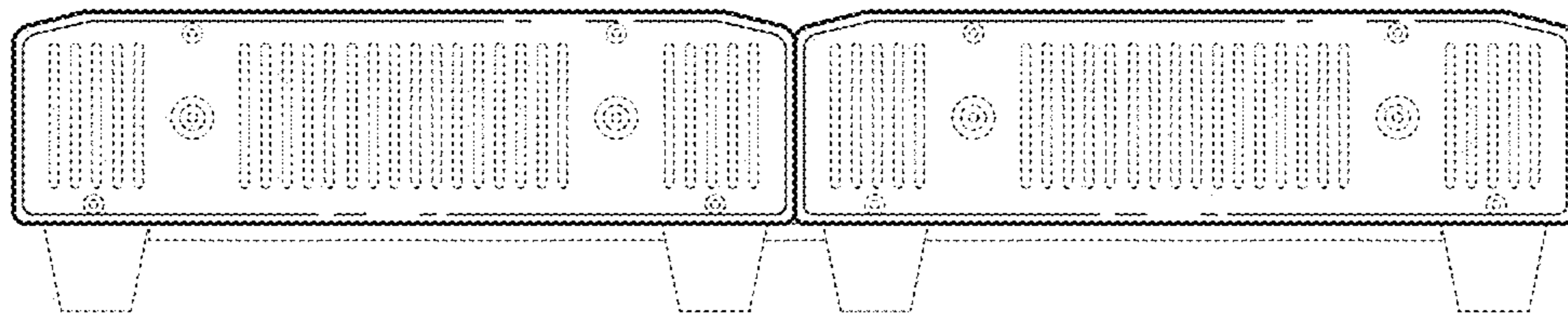


FIG. 17

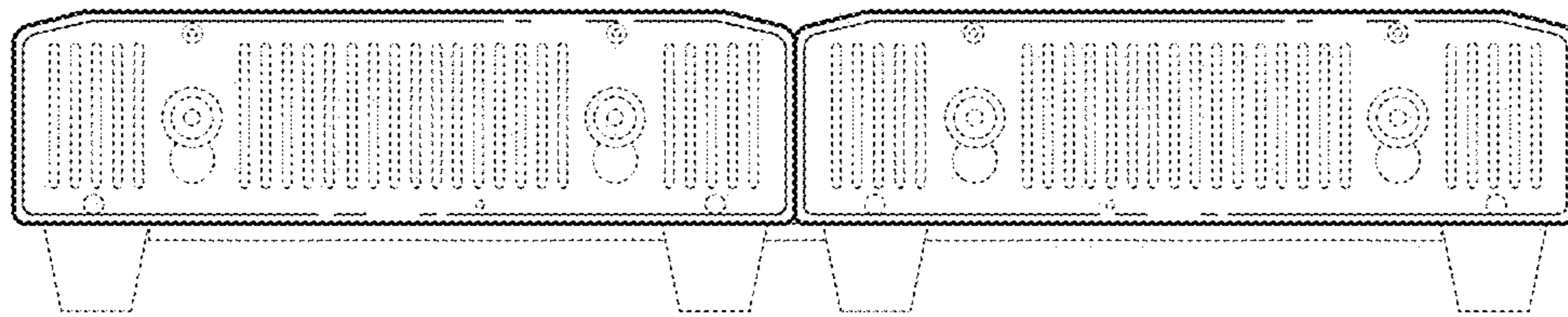


FIG. 18



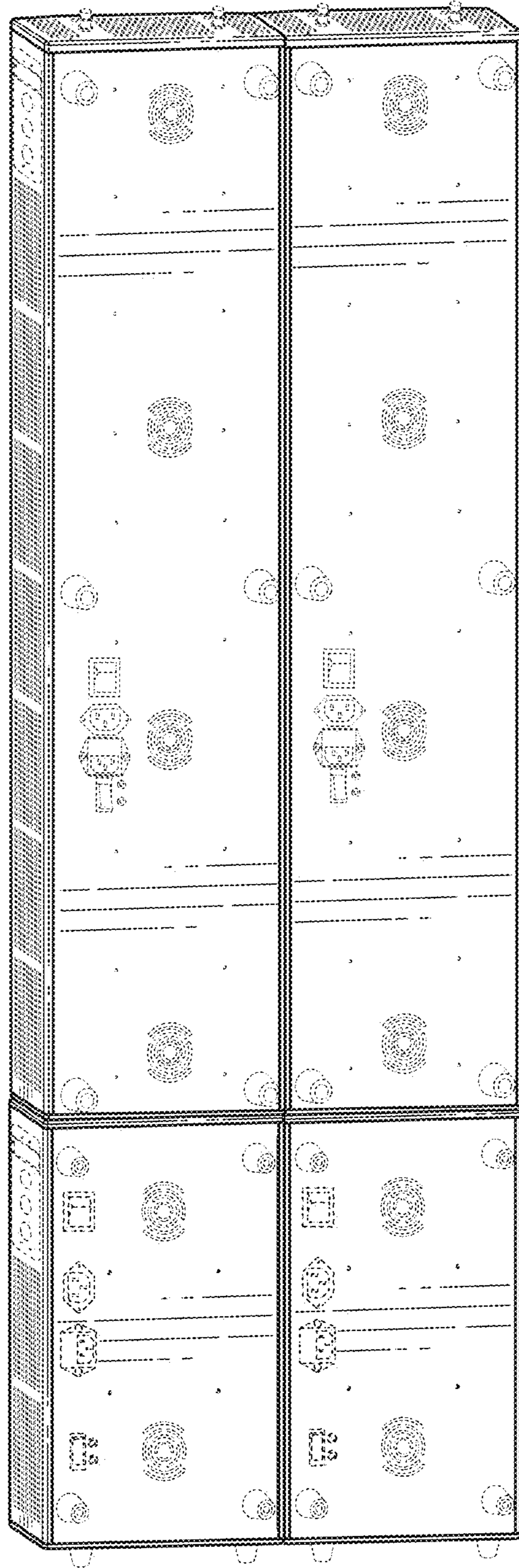


FIG. 19

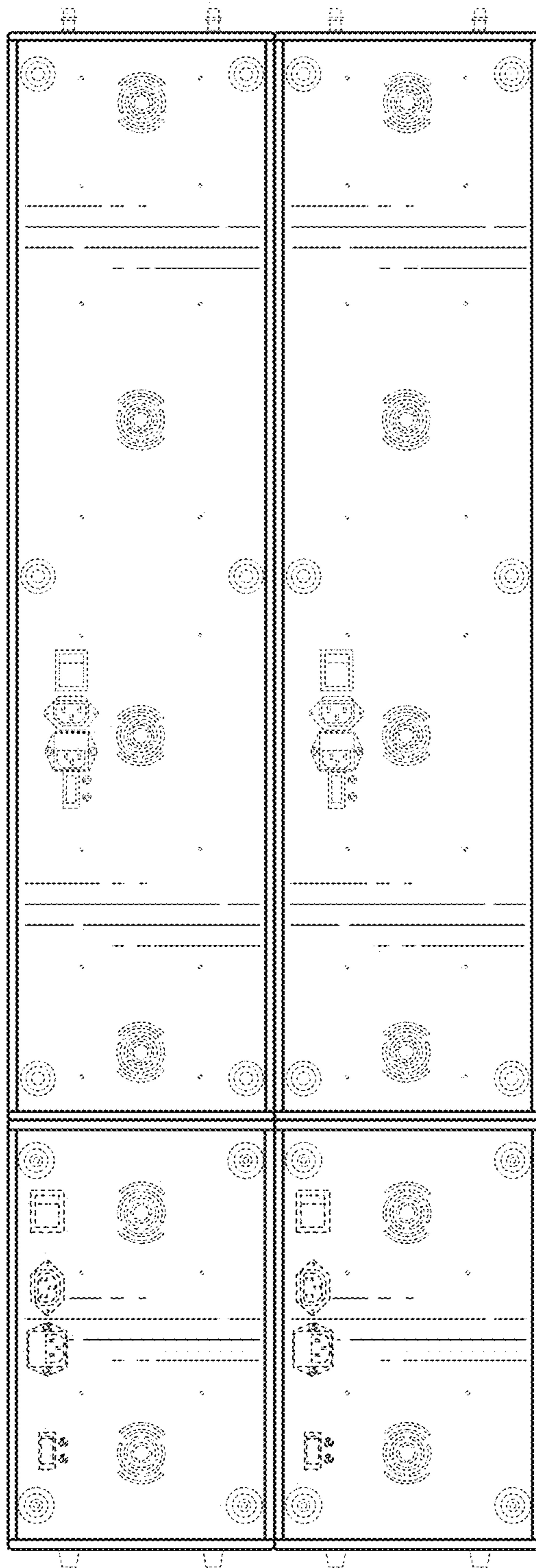


FIG. 20