



US00D823288S

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

(10) **Patent No.:** **US D823,288 S**
(45) **Date of Patent:** **** Jul. 17, 2018**

(54) **WIRELESS COMMUNICATION REPEATER**

FOREIGN PATENT DOCUMENTS

(71) Applicant: **SAMSUNG ELECTRONICS CO., LTD.**, Suwon-si, Gyeonggi-do (KR)

CN 303151297 S 4/2015
JP D1227049 S 1/2005
KR 300768895 S 10/2014

(72) Inventors: **Jiyun Lim**, Incheon (KR); **Jihyun Moon**, Gwangmyeong-si (KR)

OTHER PUBLICATIONS

(73) Assignee: **SAMSUNG ELECTRONICS CO., LTD.**, Gyeonggi-Do (KR)

“Samsung’s dual-band CY-SWR1100 wireless router prioritizes for media streaming,” Samsung Dual-Band Wireless Router pictured therein, as posted at Engadget.com [online], posted on Jan. 5, 2011, [site visited Jan. 2, 2018]. Available from the Internet, <URL: https://www.engadget.com/2011/01/05/samsungs-dual-band-cy-swr1100-wireless-router-prioritizes.*>

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

(Continued)

(21) Appl. No.: **29/588,496**

(22) Filed: **Dec. 21, 2016**

Primary Examiner — Jeffrey D Asch
Assistant Examiner — Rebekah A Caruso

(30) **Foreign Application Priority Data**

(74) *Attorney, Agent, or Firm* — Cantor Colburn LLP

Sep. 5, 2016 (KR) 30-2016-0043576

(51) **LOC (11) Cl.** **14-03**

(52) **U.S. Cl.**
USPC **D14/240**; D13/184; D14/140.2;
D14/140.5; D14/358

(57) **CLAIM**

The ornamental design for a wireless communication repeater, as shown and described.

(58) **Field of Classification Search**

DESCRIPTION

USPC D14/125, 129, 130, 137, 140, 142, 155,
D14/168, 172, 188, 195, 203.1, 203.6,
D14/203.8, 204, 209, 209.1, 216, 230,
D14/231, 233, 235, 236, 237, 240, 242,
D14/299, 300, 302, 348, 351, 356, 357,
D14/358, 361, 362, 365, 367, 370, 388,
D14/432, 434, 496, 210, 215,
D14/140.1–140.7; D13/103, 107, 108,
D13/123, 152, 158, 162, 162.1, 163, 168,
(Continued)

FIG. 1 is a perspective view of a wireless communication repeater, showing our new design;
FIG. 2 is a front view thereof;
FIG. 3 is a rear view thereof;
FIG. 4 is a side view thereof;
FIG. 5 is another side view thereof;
FIG. 6 is a top view thereof; and,
FIG. 7 is a bottom view thereof.

(56) **References Cited**

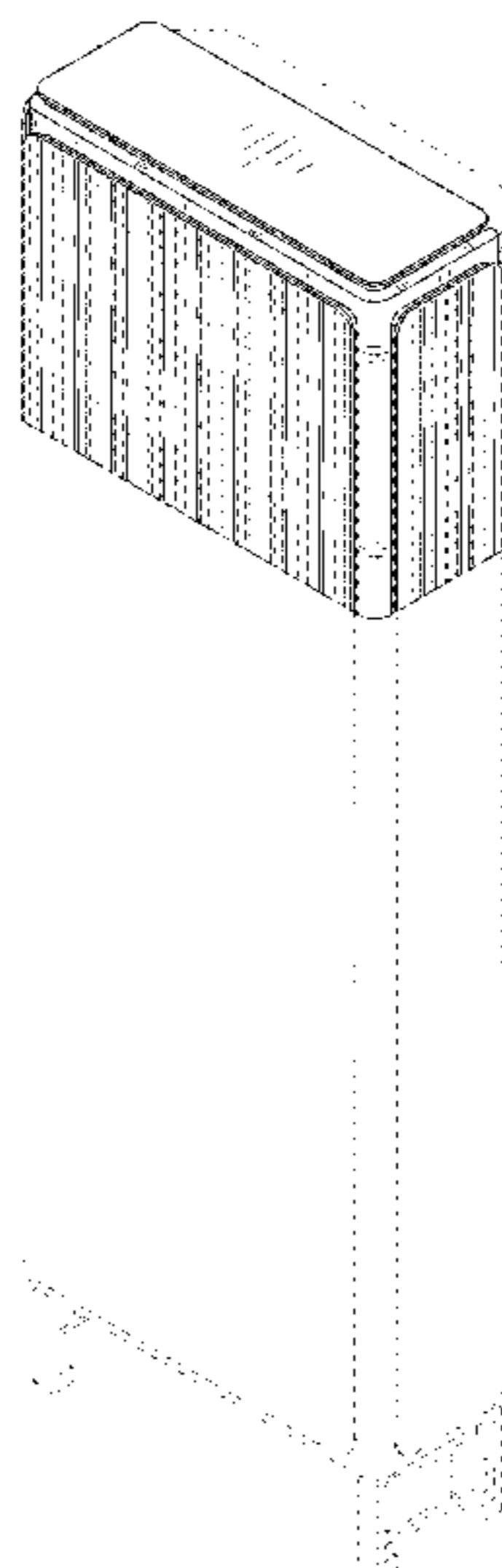
The broken lines illustrating portions of the wireless communication repeater form no part of the claimed design. The dot-dot-dash lines in the figures illustrate a boundary of the claimed design and form no part of the claimed design.

U.S. PATENT DOCUMENTS

D271,970 S * 12/1983 Velsher D13/184
D272,738 S * 2/1984 Best D13/184

(Continued)

1 Claim, 6 Drawing Sheets



(58) **Field of Classification Search**
 USPC D13/184, 199; D10/104.1, 106.2, 106.3,
 D10/106.5, 106.6, 106.9, 106.91, 116.1,
 D10/61, 64, 75; D9/432
 CPC ... H04W 88/08; H04W 88/085; H04W 88/00;
 H04W 88/005; H04W 88/02; H04W
 88/12; H04W 88/14; H04W 88/16; H04W
 88/18; H04W 4/00; H01Q 1/02; H01Q
 1/2291; H01Q 1/246; H04B 1/38
 See application file for complete search history.

D730,880 S	6/2015	Nagata et al.	
D736,306 S *	8/2015	Lida	D17/24
D738,870 S *	9/2015	Ding	D14/240
D749,064 S *	2/2016	Bhattacharya	D14/240
D749,509 S *	2/2016	Blau	D13/108
D756,943 S *	5/2016	Epstein	D13/184
D758,025 S *	5/2016	Ma	D30/199
D765,071 S *	8/2016	Sun	D14/314
D770,888 S *	11/2016	Bougay	D9/424
D783,794 S *	4/2017	Shen	D23/364
D789,907 S *	6/2017	Summerson	D14/204
D795,044 S *	8/2017	McNutt	D13/156
D797,095 S *	9/2017	Delpier	D14/314
D804,460 S *	12/2017	Li	D14/242

(56) **References Cited**

U.S. PATENT DOCUMENTS

D303,664 S *	9/1989	Harden	D13/184
D338,469 S *	8/1993	Alden	D13/184
D491,166 S *	6/2004	Hakoda	D14/214
D565,571 S *	4/2008	Trifilio	D14/356
D602,019 S *	10/2009	Wang	D14/356
D619,992 S *	7/2010	Wayman	D14/140.5
D621,812 S *	8/2010	Wayman	D14/140.5
D626,951 S *	11/2010	Ding	D14/240
D632,643 S *	2/2011	Tanaka	D13/103
D687,023 S *	7/2013	Jung	D14/242

OTHER PUBLICATIONS

“Wireless HD video is here, so why do we still use HDMI cables?”
 IOGear Wireless HD Digital Kit pictured therein, as posted at
 CNet.com [online], posted on Feb. 23, 2016, [site visited Jan. 2,
 2018]. Available from the Internet, <URL: <https://www.cnet.com/news/wireless-hd-video-is-here-so-why-do-we-still-use-hdmi-cables/>>.*

* cited by examiner

FIG. 1

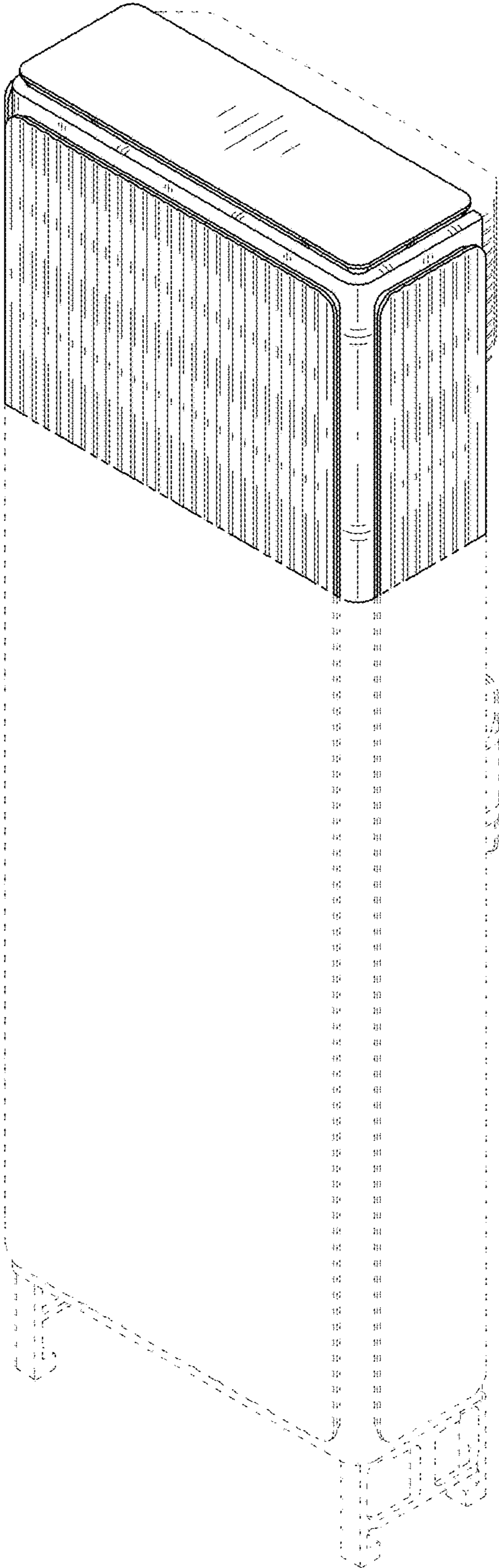


FIG. 2

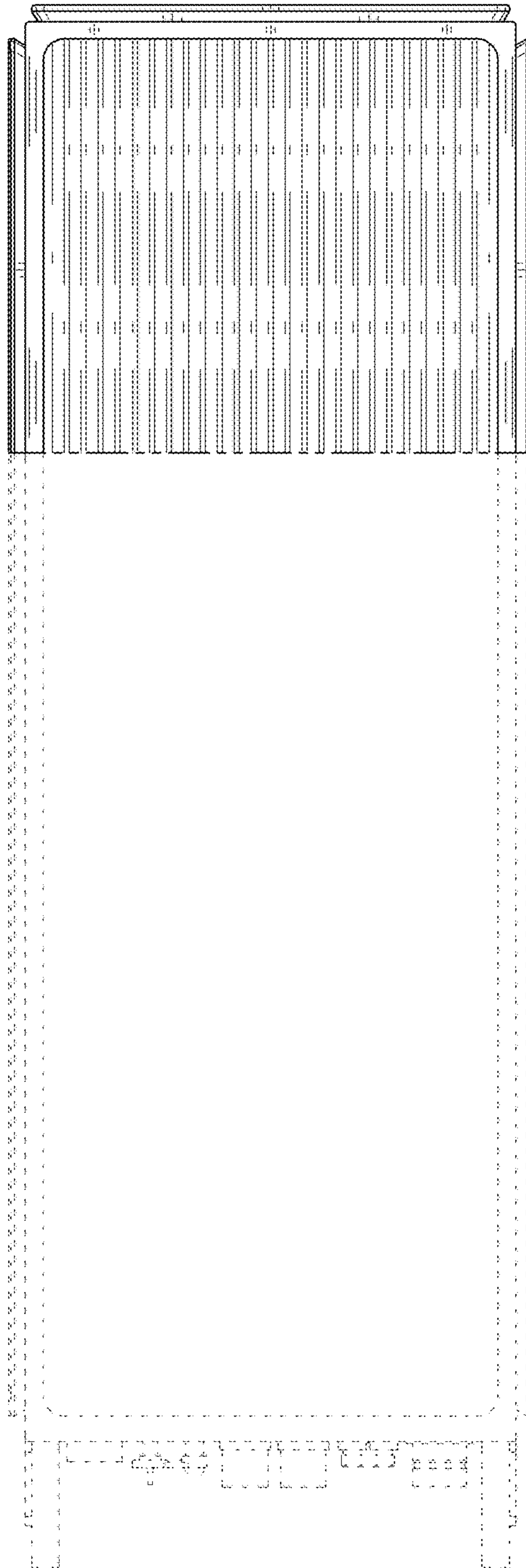


FIG. 3

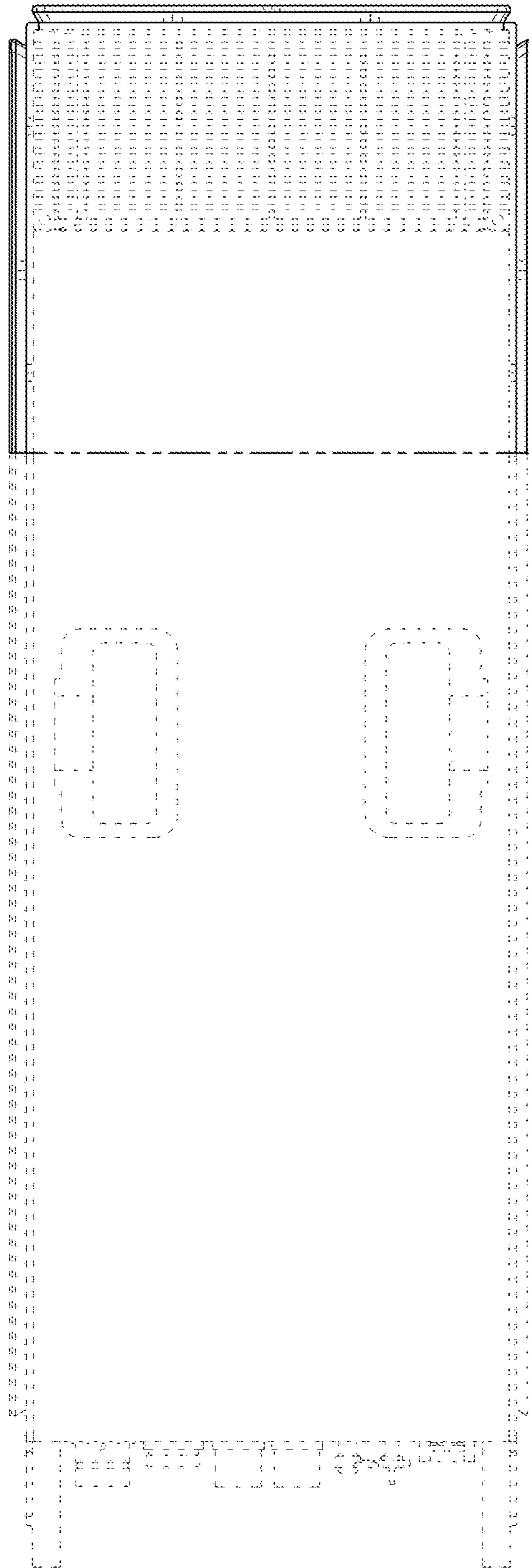


FIG. 4

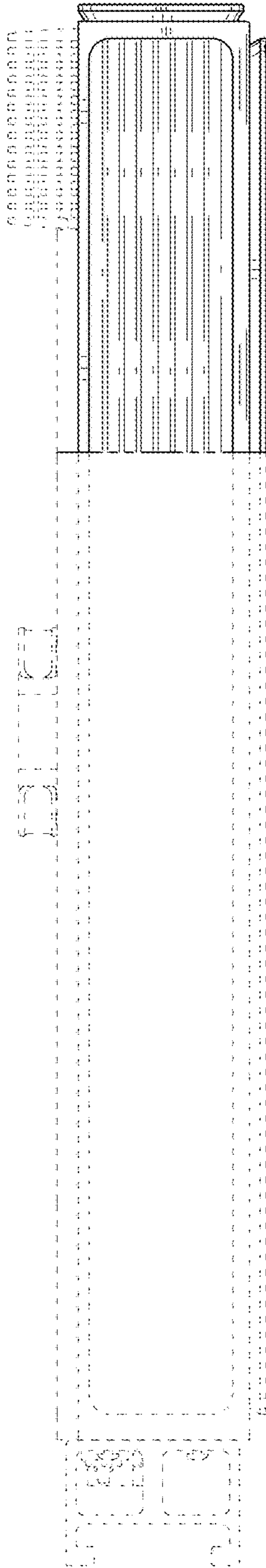


FIG. 5

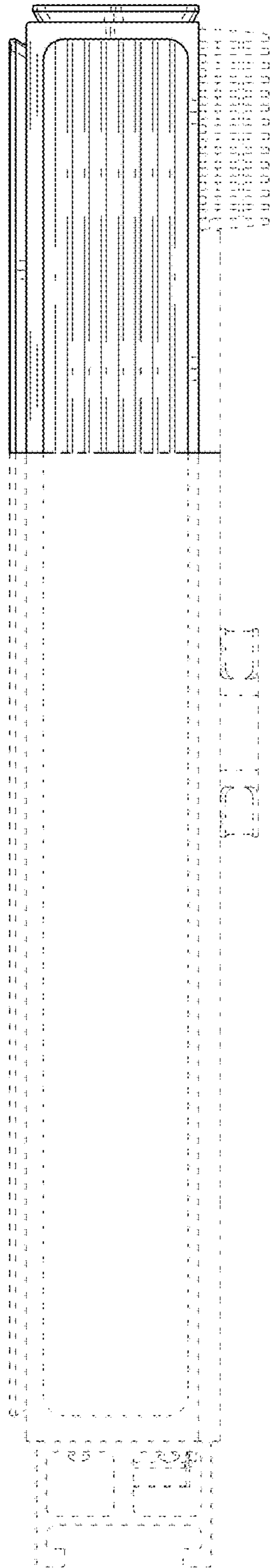


FIG. 6

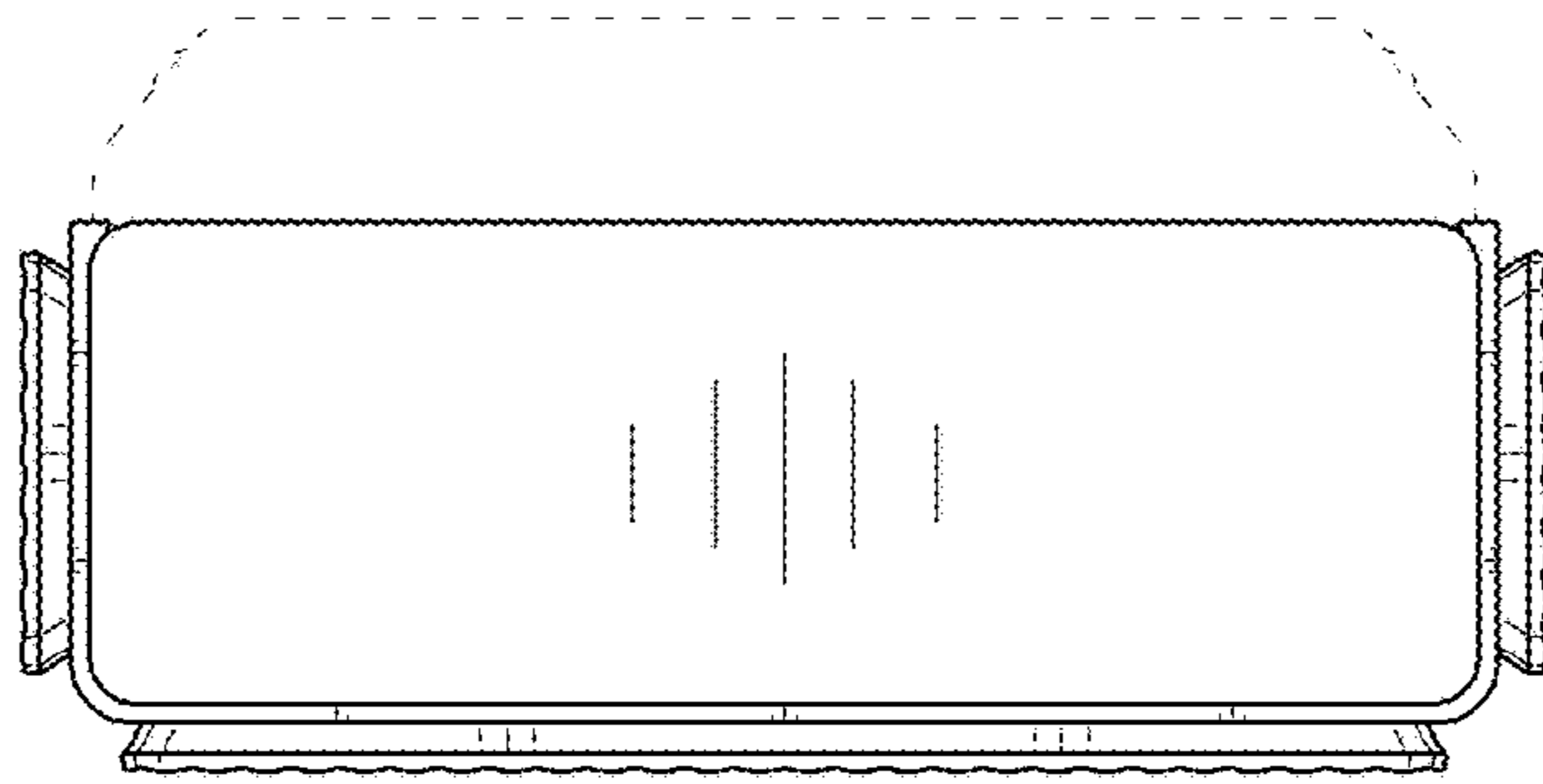


FIG. 7

