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(12) **United States Design Patent** (10) **Patent No.:** **US D826,215 S**
Mikalaukas (45) **Date of Patent:** **** Aug. 21, 2018**

(54) **FLAT PANEL LOUDSPEAKER**
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(52) **U.S. Cl.**
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G10K 9/22; G10K 11/004; H03F 1/327;
H04M 1/03; H04M 1/035; H04N 5/642;
H04N 21/4852; H04S 3/00; H04S 7/30;
H04R 1/02; H04R 1/06; H04R 1/021;
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H04R 7/20; H04R 9/06; H04R 9/025;
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2400/07; H04R 2499/11; H04R 2499/13;
H04R 2499/15
See application file for complete search history.

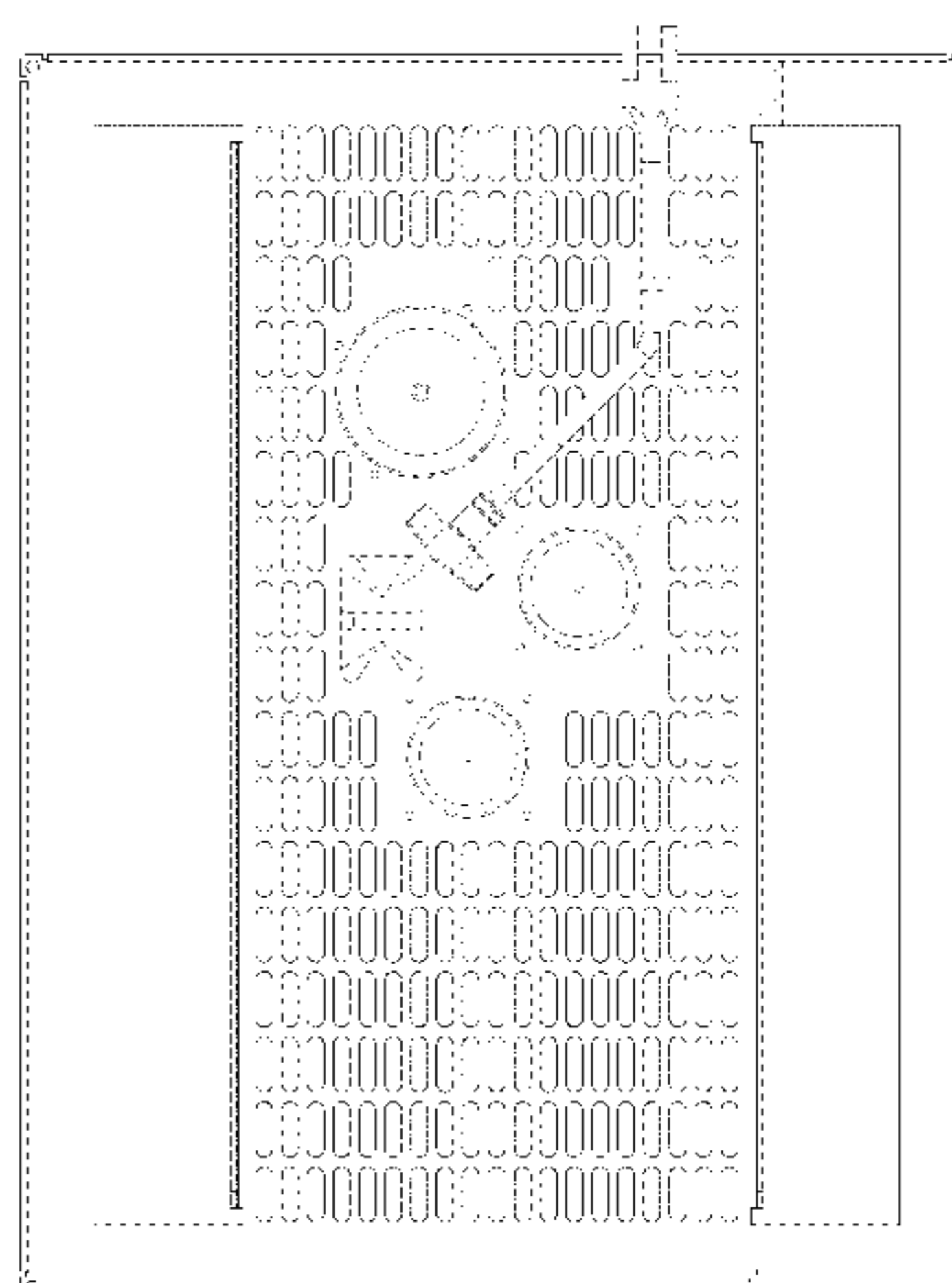
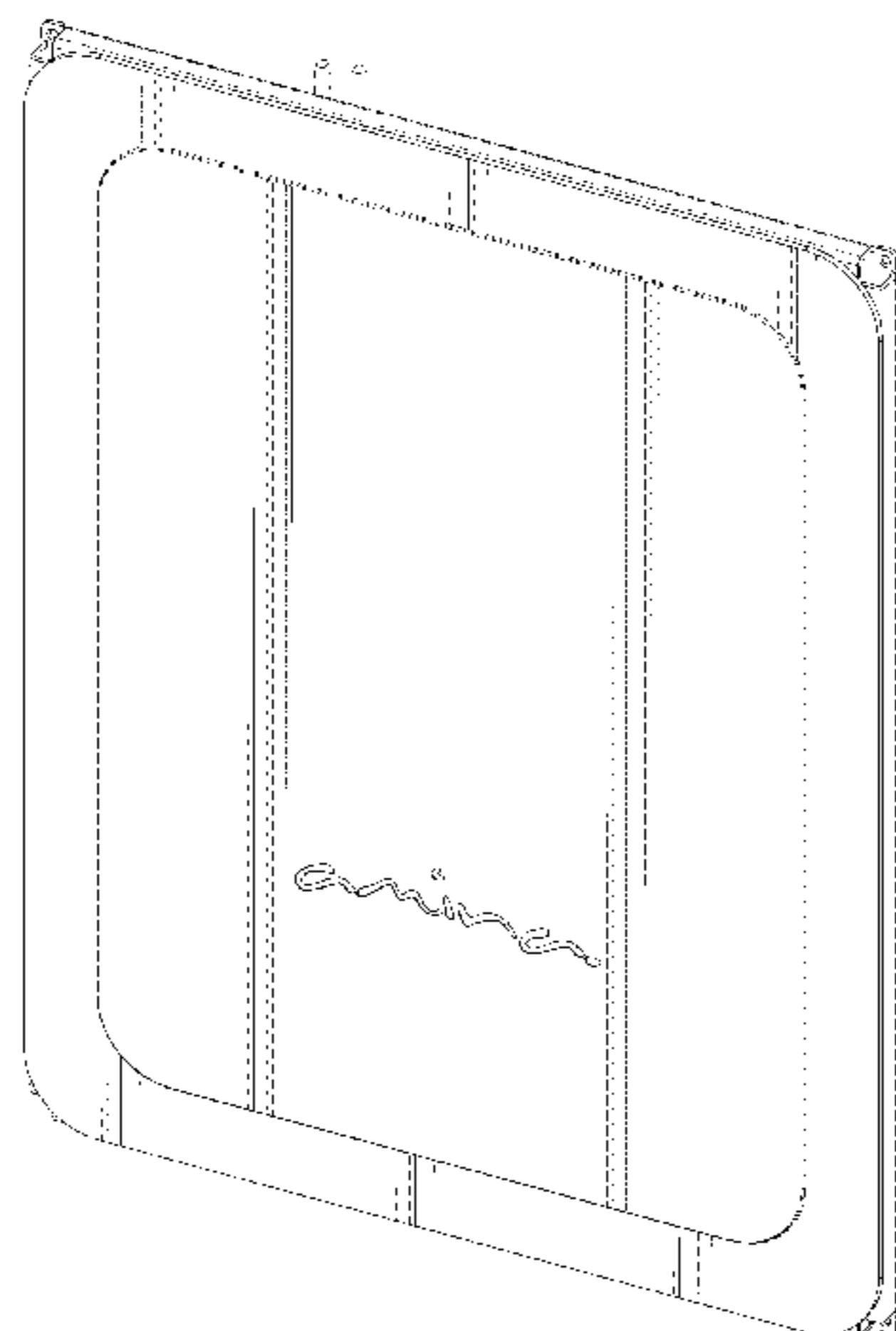
(56) **References Cited**
U.S. PATENT DOCUMENTS
D90,691 S * 9/1933 Wilson D11/156
D243,378 S * 2/1977 Tharp D6/300
4,037,061 A * 7/1977 von
Recklinghausen H04R 9/047
381/408
D247,590 S * 3/1978 Atherton D20/41
(Continued)

OTHER PUBLICATIONS
YouTube—Amina IQ Series, announced Sep. 28, 2013 [online],
[site visited Sep. 4, 2017]. Available from internet, URL: <https://
www.youtube.com/watch?v=rj3h2QVIMtE>.*
(Continued)

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(57) **CLAIM**
The ornamental design for a flat panel loudspeaker, as shown
and described.

DESCRIPTION
FIG. 1 is a front perspective view of a flat panel loudspeaker
showing my new design;
FIG. 2 is a front view thereof;
FIG. 3 is a rear view thereof;
FIG. 4 is a right side view thereof;
FIG. 5 is a left side view thereof;
FIG. 6 is a top view thereof; and,
FIG. 7 is a bottom view thereof.
The broken line showing of the various unshaded elements
of the flat panel loudspeaker represents unclaimed subject
matter and forms no part of the claimed design. The two
elongated, laterally spaced, generally rectangular regions
(Continued)



inside of the solid line features on the rear of the design form no part of the claimed design. The unshaded interior regions of the oval shaped features on the rear of the design also form no part of the claimed design.

Amina® is a United States registered trademark, which is owned by Amina Technologies Ltd., Huntingdon, United Kingdom.

1 Claim, 5 Drawing Sheets

(56)

References Cited

U.S. PATENT DOCUMENTS

D282,657 S * 2/1986 Caren D14/212
 D284,084 S * 6/1986 Ferrara, Jr. D14/389
 5,430,805 A * 7/1995 Stevenson H04R 7/06
 381/408
 D382,941 S * 8/1997 Nortier D23/249
 5,901,235 A * 5/1999 Thigpen H04R 13/00
 381/399
 D421,263 S * 2/2000 Phillips D14/222
 D450,684 S * 11/2001 Morgan D14/217
 D461,790 S * 8/2002 Takeshi D14/204
 D477,300 S * 7/2003 Goodwin D14/168
 D488,111 S * 4/2004 Elwell D12/163
 D506,074 S * 6/2005 Chen D6/300
 D514,091 S * 1/2006 Sube D14/214
 7,035,425 B2 * 4/2006 Hutt B60R 11/0223
 381/421
 D546,317 S * 7/2007 Harris D14/168
 D561,170 S * 2/2008 Koike D14/204
 D586,787 S * 2/2009 Rivard D14/217
 D609,782 S * 2/2010 Whatley D23/249
 D611,500 S * 3/2010 Byle D14/203.3
 D625,928 S * 10/2010 Lee D6/300
 D659,121 S * 5/2012 Chen D14/215
 D666,077 S * 8/2012 Peckham D8/353
 D685,347 S * 7/2013 Szymanski D14/214

D693,908 S * 11/2013 Rost D23/249
 D693,909 S * 11/2013 Rost D23/249
 9,039,425 B2 * 5/2015 Mason H01R 13/6581
 439/66
 D734,127 S * 7/2015 Harman D8/349
 9,119,287 B2 * 8/2015 Tsubaki H05K 7/00
 9,426,567 B2 * 8/2016 Lee H04M 1/6008
 D767,288 S * 9/2016 McMahon D6/300
 D767,455 S * 9/2016 Kaplan D12/190
 D788,700 S * 6/2017 Yang D13/108
 D795,839 S * 8/2017 Zhang D14/217
 9,731,660 B2 * 8/2017 Mitchell B60R 11/0252
 9,769,571 B2 * 9/2017 Asano H04R 9/025
 D800,688 S * 10/2017 Mikalauskas D14/204
 D800,689 S * 10/2017 Mikalauskas D14/204
 9,800,963 B1 * 10/2017 Liu H04R 1/021
 D804,448 S * 12/2017 Washio D14/214
 D804,451 S * 12/2017 Isabelle D14/217
 2014/0286522 A1 * 9/2014 Forbes H04R 1/02
 381/385
 2016/0360313 A1 * 12/2016 Mikalauskas H04R 7/045
 2017/0289697 A1 * 10/2017 Wang H04R 9/06
 2017/0339492 A1 * 11/2017 Ge H04R 9/06
 2017/0353801 A1 * 12/2017 Li H04R 9/06
 2018/0020304 A1 * 1/2018 Shi H04R 29/003

OTHER PUBLICATIONS

Installation—Amina Edge series, announced Jan. 9, 2017 [online], [site visited Sep. 4, 2017]. Available from internet, URL: <<http://www.installation-international.com/ise-2017-amina-unveils-edge-series-invisible-loudspeakers/>>.*
 LinkedIn—Mobius from Amina, announced Jul. 2, 2016 [online], [site visited Sep. 4, 2017]. Available from internet, URL: <<https://www.linkedin.com/pulse/introducing-all-new-mobius-from-amina-invisible-co-schietinger>>.*
 Amazon—Targus Flat Panel Speaker, announced Nov. 2, 2012 [online], [site visited Sep. 4, 2017]. Available from internet, URL: <<https://www.amazon.com/Targus-Ultra-Compact-Stereo-Speaker-AEM0806X/dp/B009ZI2V00>>.*

* cited by examiner

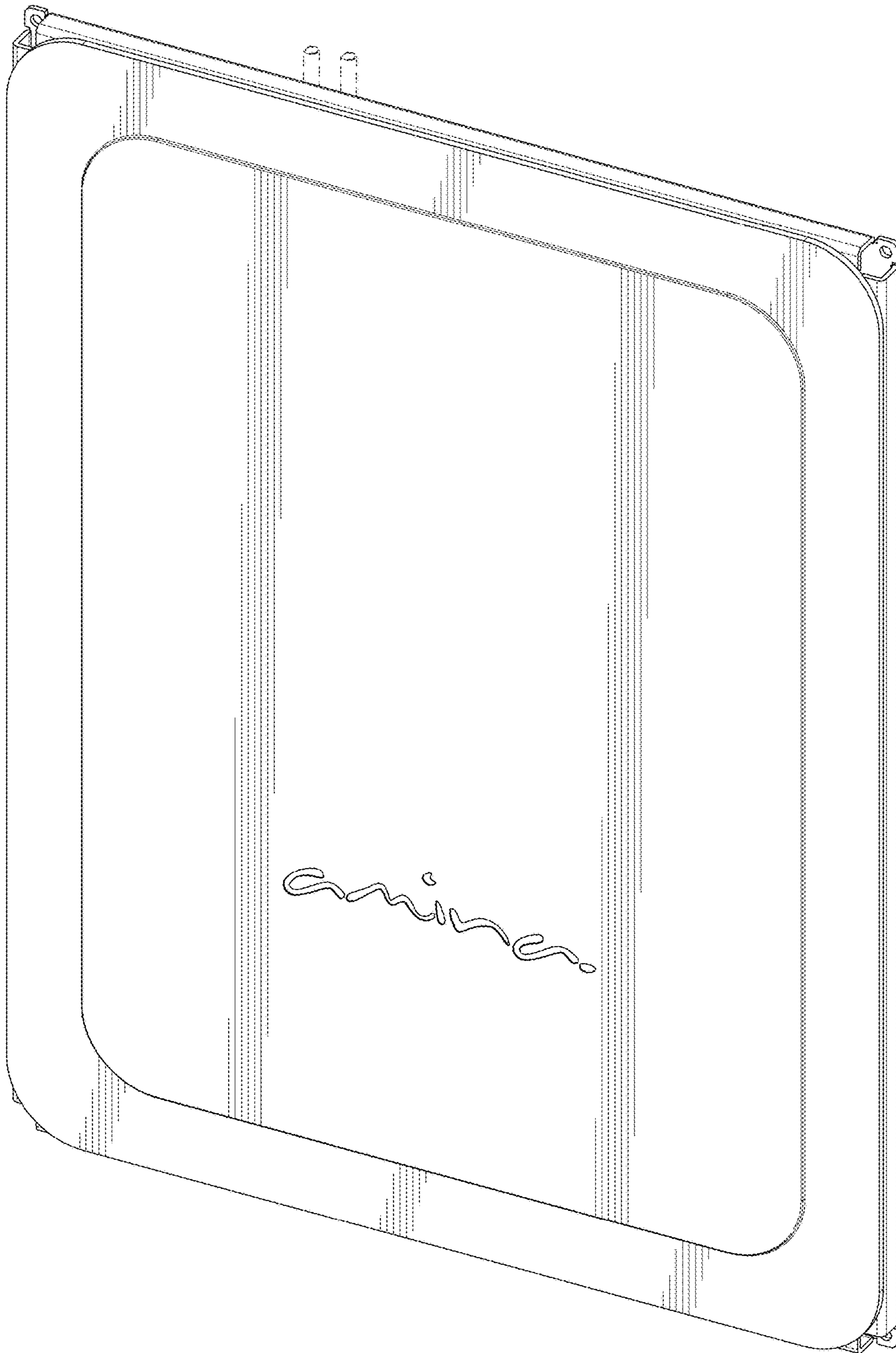


FIG. 1

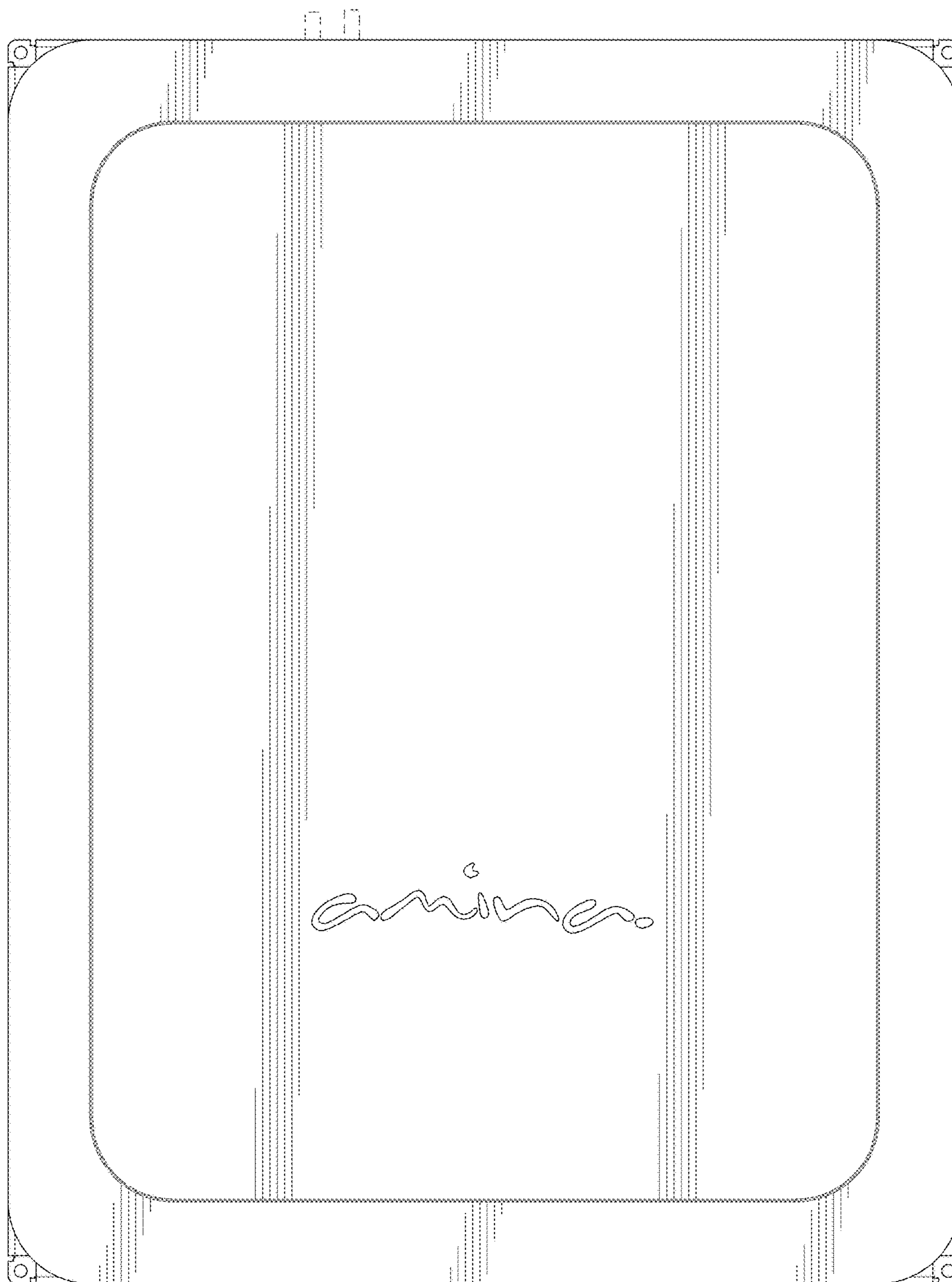


FIG. 2

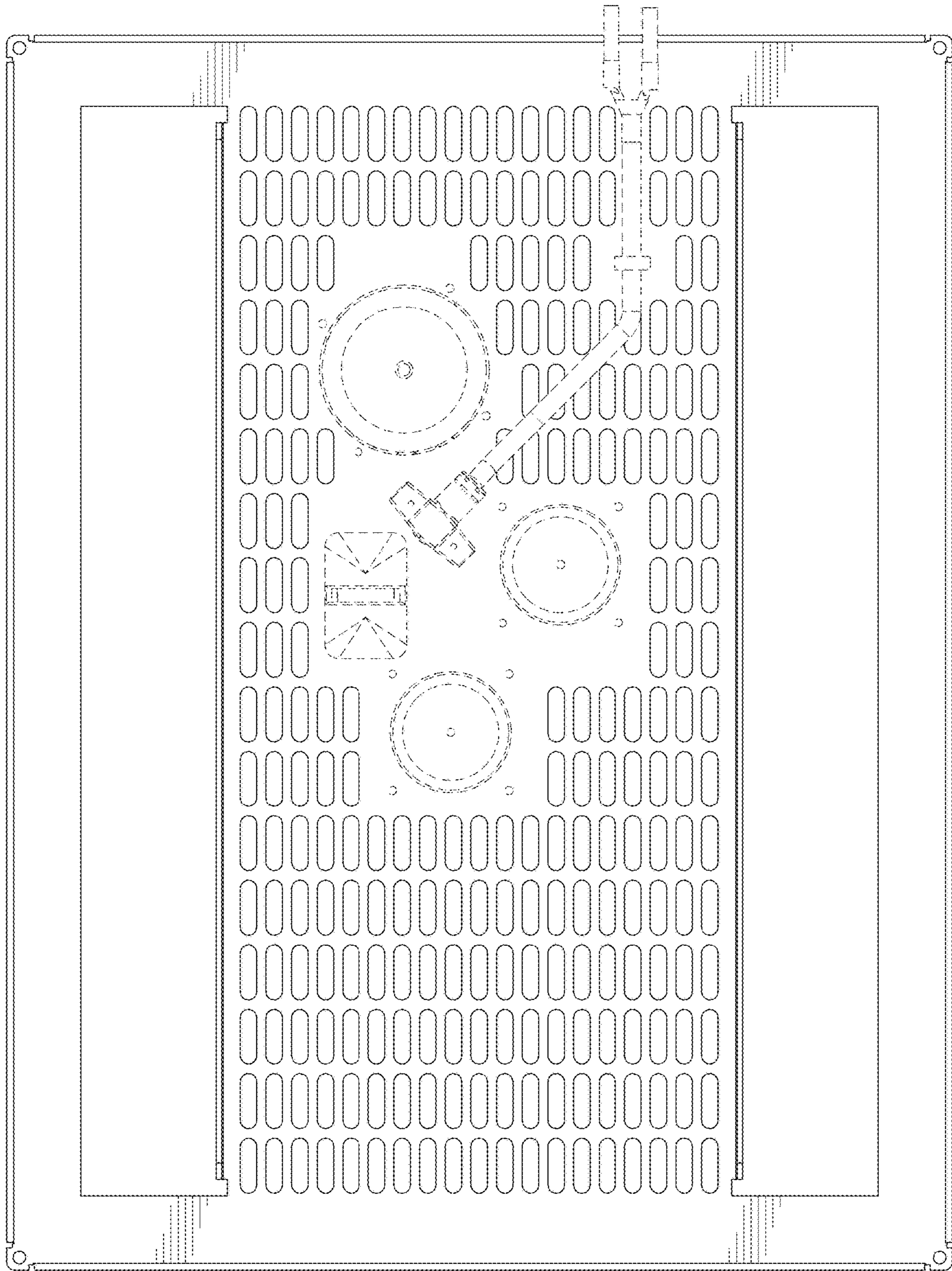


FIG. 3

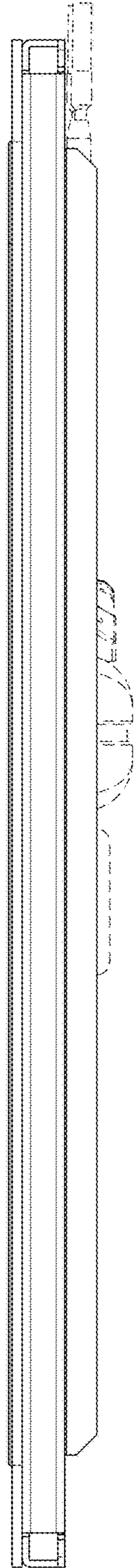


FIG. 4

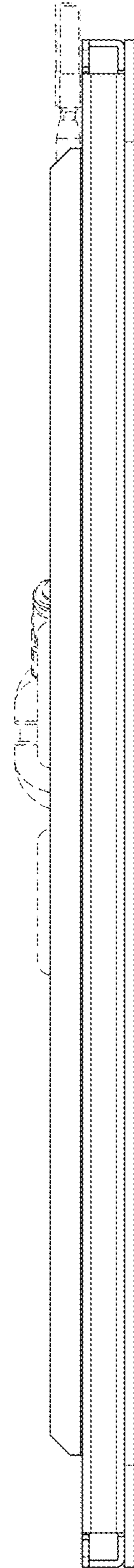


FIG. 5

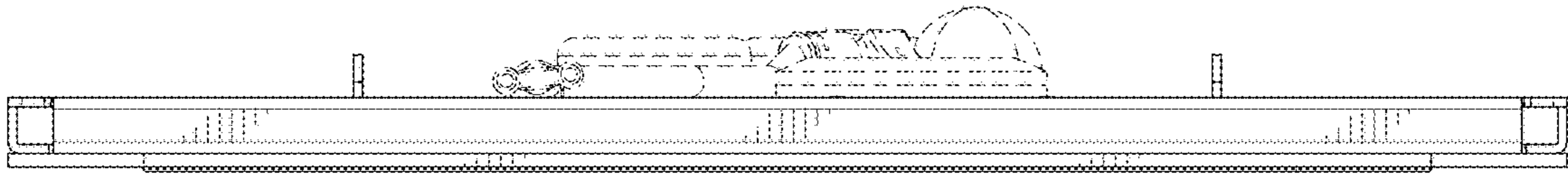


FIG. 6

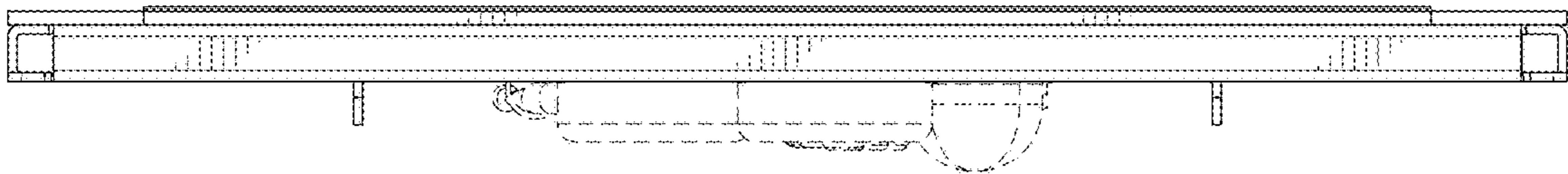


FIG. 7