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Demin et al.

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(54) LOUDSPEAKER

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(56) References Cited

U.S. PATENT DOCUMENTS

2,511,917	A *	6/1950	Hornor	H04M 1/62
				381/374
D220,629	S *	5/1971	Shimizu	D14/214
D222,476	S *	10/1971	Ohyama	D14/210
4,014,597	A *	3/1977	Griffin, Jr.	H04R 1/02
				312/258
D247,174	S *	2/1978	Janda	D14/150
D270,444	S *	9/1983	Matsuda	D14/214
D281,597	S *	12/1985	Matushima	D14/214

4,805,730	A *	2/1989	O'Neill	H04R 1/02
				312/111
D306,860	S *	3/1990	Dickson	D14/140.8
4,961,226	A *	10/1990	Saffran	H04R 5/02
				381/303
D313,413	S *	1/1991	Langton	D14/138 AA
4,998,702	A *	3/1991	Reuter	H02G 3/0608
				248/278.1

(Continued)

FOREIGN PATENT DOCUMENTS

GB	6206959	*	5/2022
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OTHER PUBLICATIONS

JBL VRX900 Series Brochure, Harman International Industries, Incorporated, © 2009 (6 pp).

(Continued)

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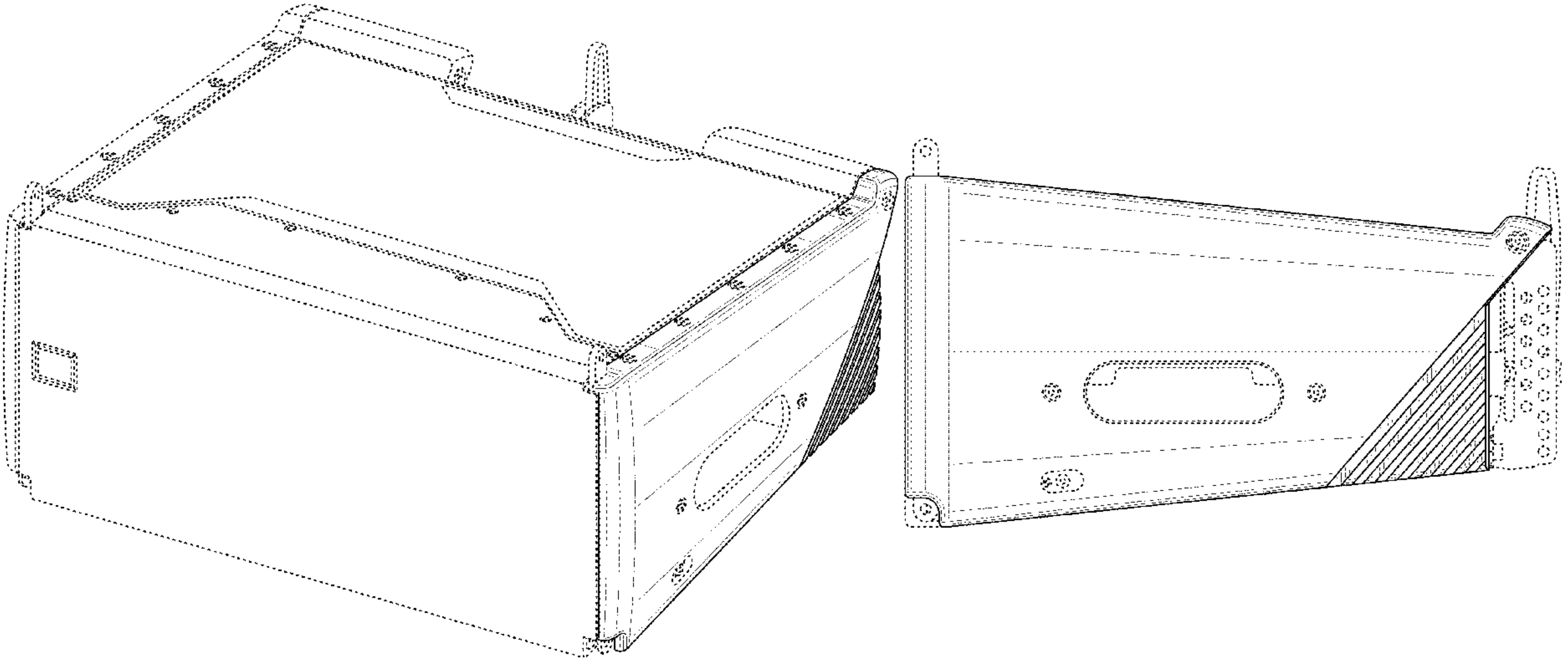
(57) CLAIM

The ornamental design for a loudspeaker, as shown and described.

DESCRIPTION

FIG. 1 is a top, front perspective view of a loudspeaker showing the new design;
FIG. 2 is a front elevational view thereof;
FIG. 3 is a rear elevational view thereof;
FIG. 4 is a side elevational view thereof;
FIG. 5 is an opposite side elevational view thereof;
FIG. 6 is a top view thereof; and,
FIG. 7 is a bottom view thereof.
The broken lines immediately adjacent the shaded areas represent the bounds of the claimed design, while all other broken lines are portions of the loudspeaker that form no part of the claimed design.

1 Claim, 7 Drawing Sheets



(56)

References Cited**U.S. PATENT DOCUMENTS**

5,000,286 A * 3/1991 Crawford H04R 1/403
181/150
D357,478 S * 4/1995 Tokiyama D14/219
D379,355 S * 5/1997 Larson D14/219
D392,289 S * 3/1998 Isonaga D14/214
D392,974 S * 3/1998 Fenner D14/214
5,781,645 A * 7/1998 Beale H04R 3/12
381/370
D410,006 S * 5/1999 Miyazaki D14/214
6,009,182 A * 12/1999 Gunness H04R 1/345
381/342
D421,754 S * 3/2000 Ito D14/214
6,095,279 A * 8/2000 Adamson H04R 1/345
181/152
D439,237 S * 3/2001 Felix D14/214
D442,165 S * 5/2001 Cho D14/214
D515,558 S * 2/2006 Case D10/106.1
D531,986 S * 11/2006 Azumi D14/214
7,206,427 B2 * 4/2007 Simidian, II H04R 1/026
381/386
D568,868 S * 5/2008 Baird D14/214
D570,827 S * 6/2008 Azumi D14/214
7,415,124 B2 * 8/2008 Colich H04R 1/403
381/87
7,516,932 B2 * 4/2009 Engebretson H04R 1/026
381/87
D641,006 S * 7/2011 Anthony D14/214
D642,555 S * 8/2011 Hawkins D14/214
D671,910 S * 12/2012 Warden D14/204
D671,911 S * 12/2012 Warden D14/204
D671,912 S * 12/2012 Warden D14/204
D673,526 S 1/2013 Gander et al.
D675,188 S * 1/2013 Hawkins D14/204
D682,255 S 5/2013 Lum et al.
D687,814 S 8/2013 Lum et al.
D687,816 S * 8/2013 Lee D14/221
D689,042 S 9/2013 Lum et al.
D698,336 S * 1/2014 Givre D14/214
D705,191 S * 5/2014 Boudreau D14/214
D712,878 S * 9/2014 Azumi D14/204
D727,292 S * 4/2015 Anthony D14/214
D727,874 S * 4/2015 Christner D14/210
D752,015 S 3/2016 Spillmann
D764,444 S * 8/2016 Sulzer D14/221
D802,815 S 11/2017 Kjaergaard Toft et al.

D802,816 S 11/2017 Kjaergaard Toft et al.
D808,069 S 1/2018 Kjaergaard Toft et al.
D817,307 S * 5/2018 Spillmann D14/214
D823,830 S 7/2018 Spillmann et al.
D826,903 S * 8/2018 Yang H04R 1/02
D14/204
D836,602 S * 12/2018 Huang D14/210
D853,989 S * 7/2019 Spillmann D14/214
D871,381 S * 12/2019 Hays D14/240
11,678,096 B2 * 6/2023 Romestant F16M 13/02
248/201
D991,909 S * 7/2023 Jia D14/214
2002/0114482 A1 * 8/2002 Adamson H04R 1/26
381/345
2005/0232455 A1 * 10/2005 Monitto H04R 1/026
181/150
2011/0305362 A1 * 12/2011 McGhee H04R 1/02
381/386
2013/0208936 A1 * 8/2013 McGhee H04R 1/02
381/332
2014/0205126 A1 * 7/2014 Faranda H04R 1/026
381/335
2016/0212523 A1 * 7/2016 Spillmann H04R 1/30
2019/0349672 A1 * 11/2019 Spillmann H04R 27/00

OTHER PUBLICATIONS

JBL VRX928LA Specification Sheet, Harman International Industries, Incorporated, © 2007 (4 pp).
JBL VRX932LA-1WH Specification Sheet, Harman International Industries, Incorporated, © 2008 (4 pp).
JBL VRX932LA-1 Specification Sheet, Harman International Industries, Incorporated, © 2007 (4 pp).
JBL VRX932LAP Specification Sheet, Harman International Industries, Incorporated, © 2007 (4 pp).
JBL Pro VTX Series Brochure, Harman International Industries, Incorporated, © 2012 (12 pp).
JBL VTX-A8 Specification Sheet, Harman International Industries, Incorporated, © 2020 (3 pp).
JBL VTX-A12 Brochure, Harman International Industries, Incorporated, © 2018 (13 pp).
JBL VTX-A12 Specification Sheet, Harman International Industries, Incorporated, © 2020 (3 pp).
JBL VTX-A12W Specification Sheet, Harman International Industries, Incorporated, © 2020 (3 pp).

* cited by examiner

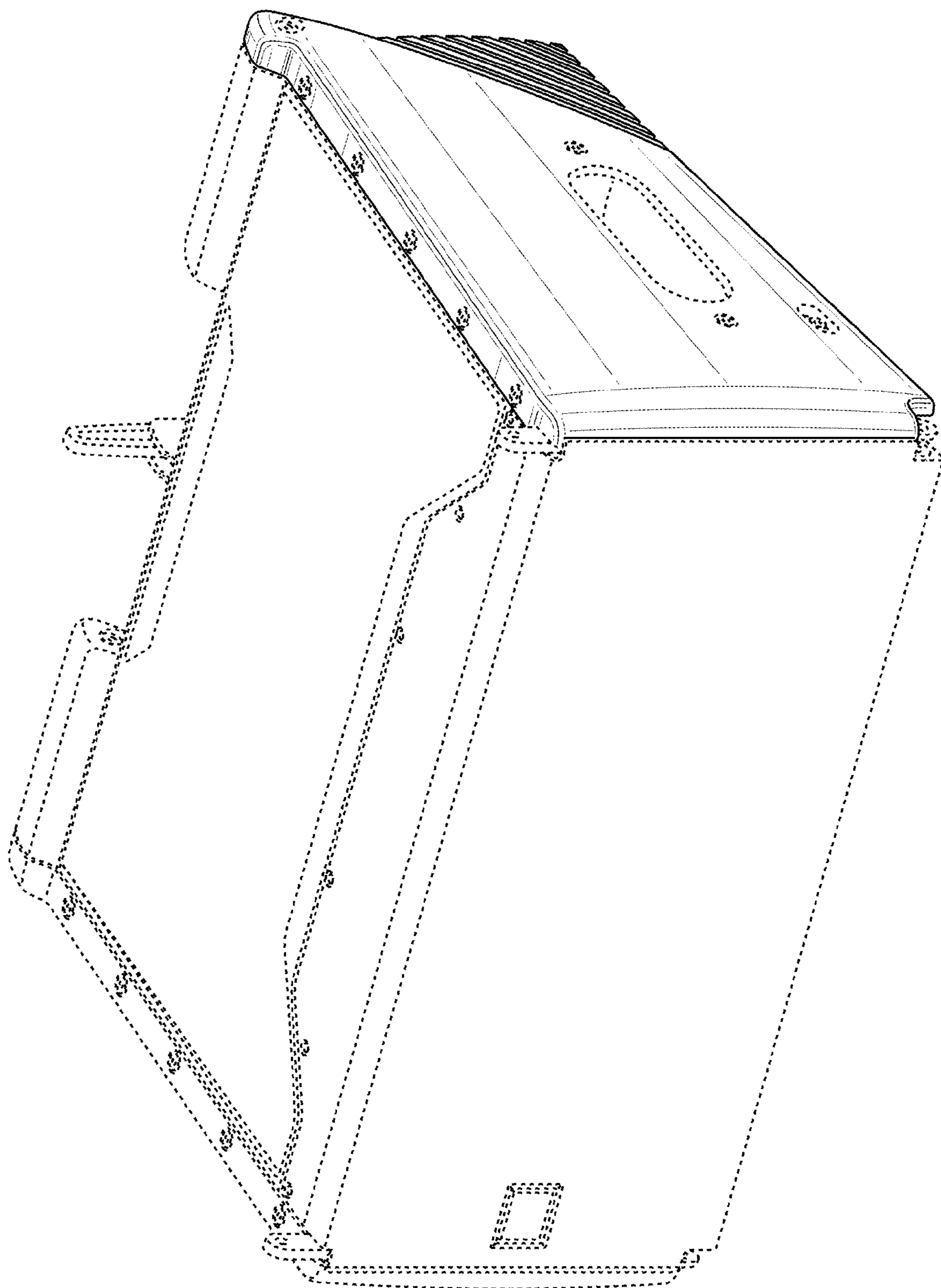


FIG. 1

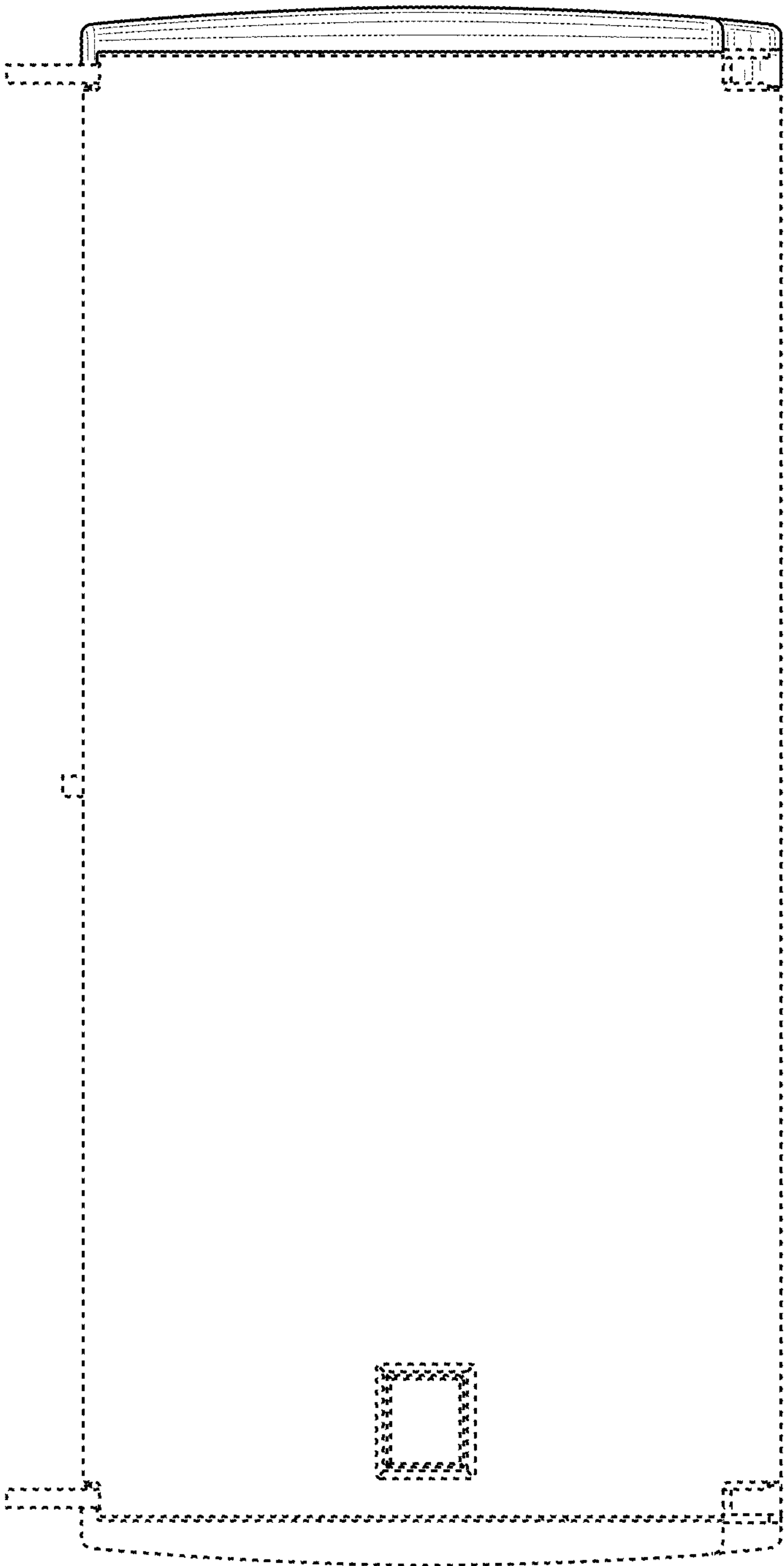


FIG. 2

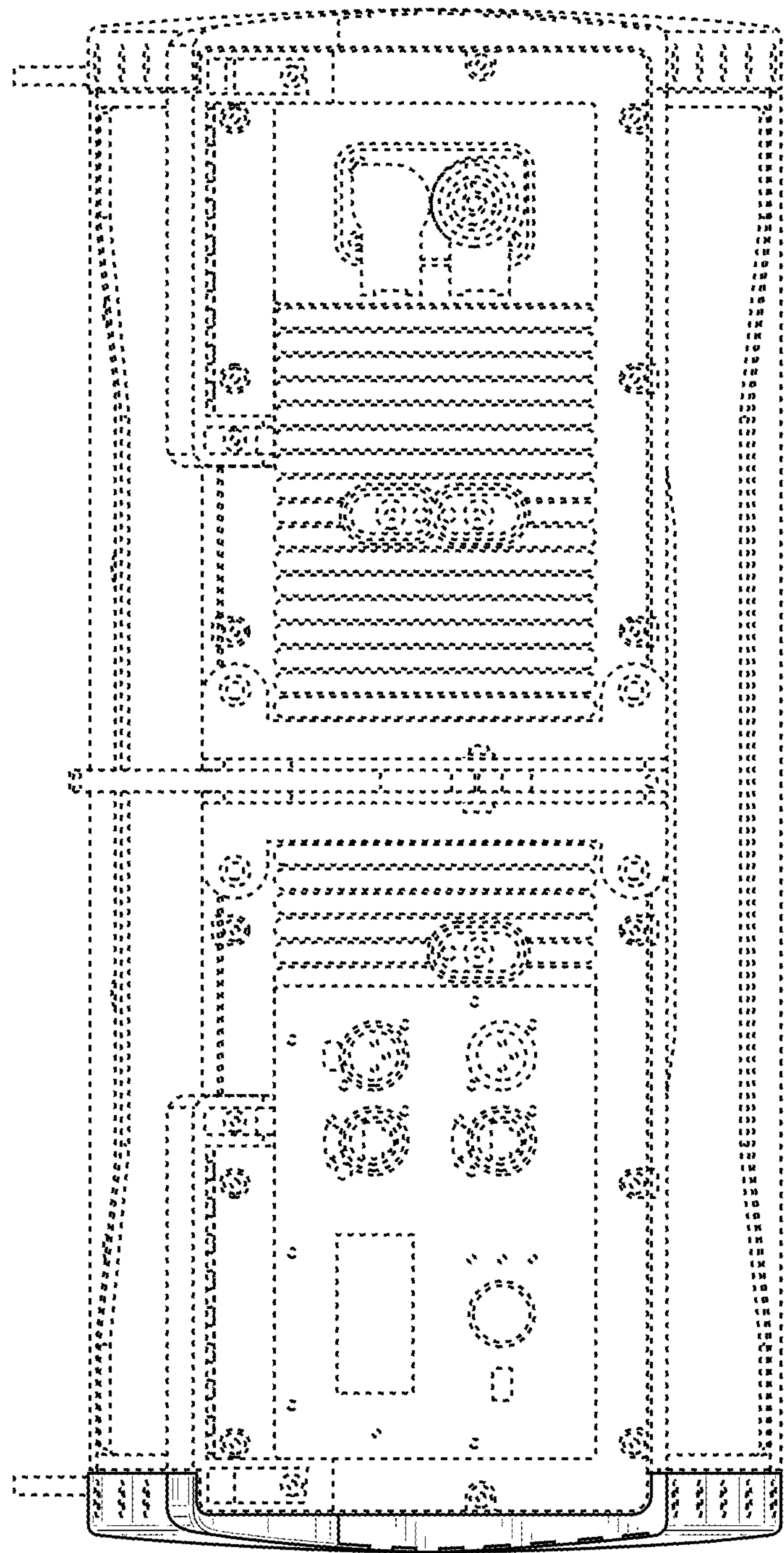


FIG. 3

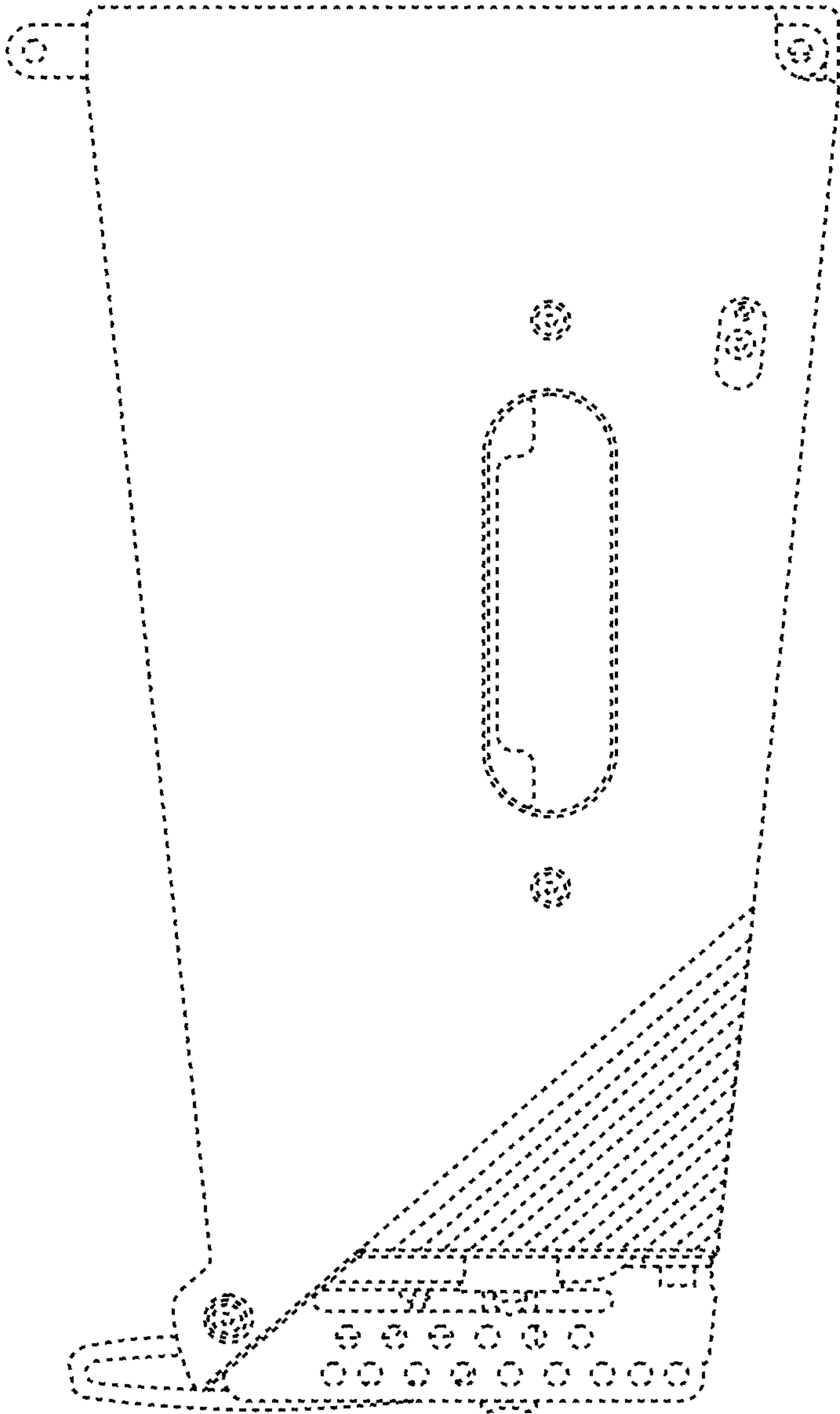


FIG. 4

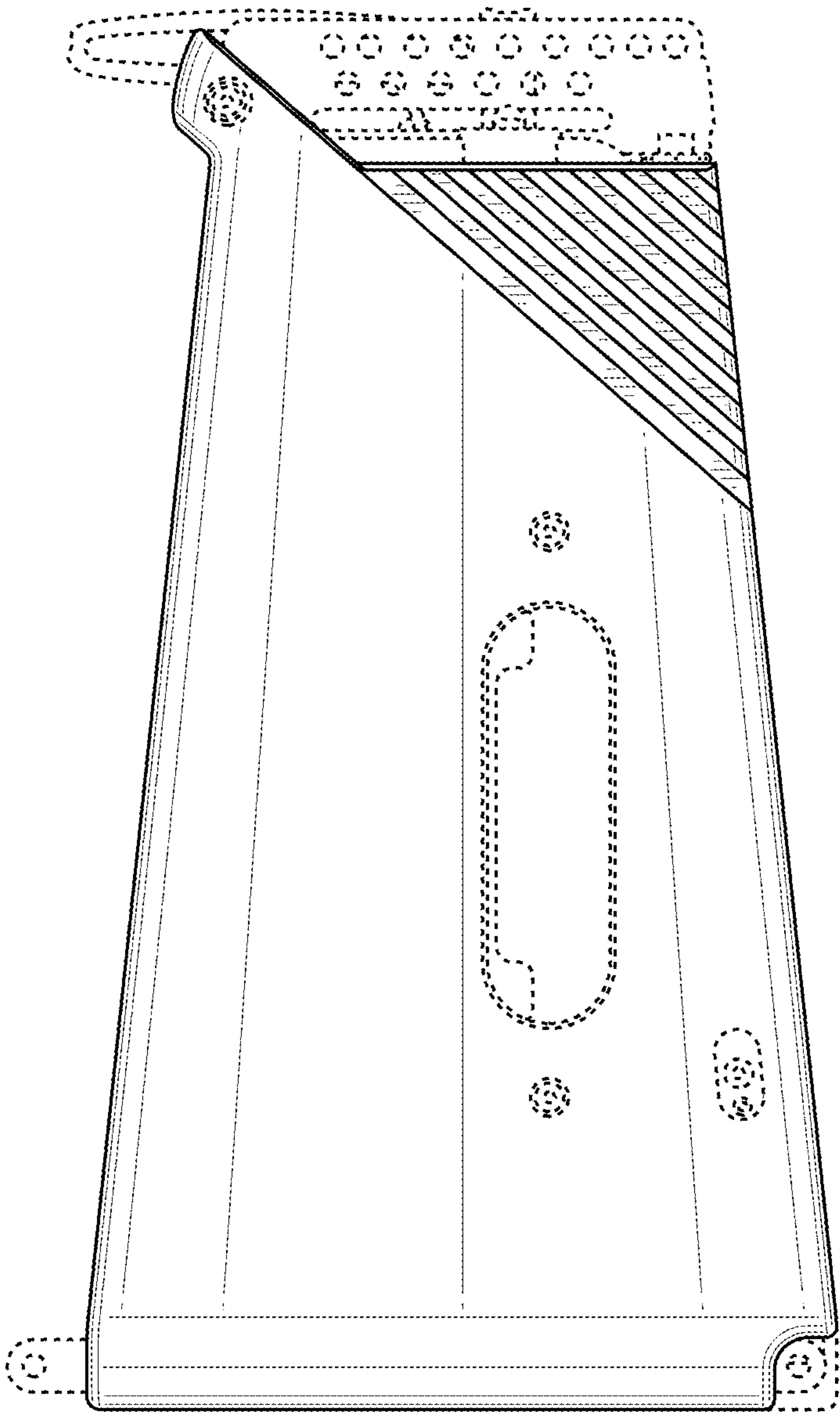


FIG. 5

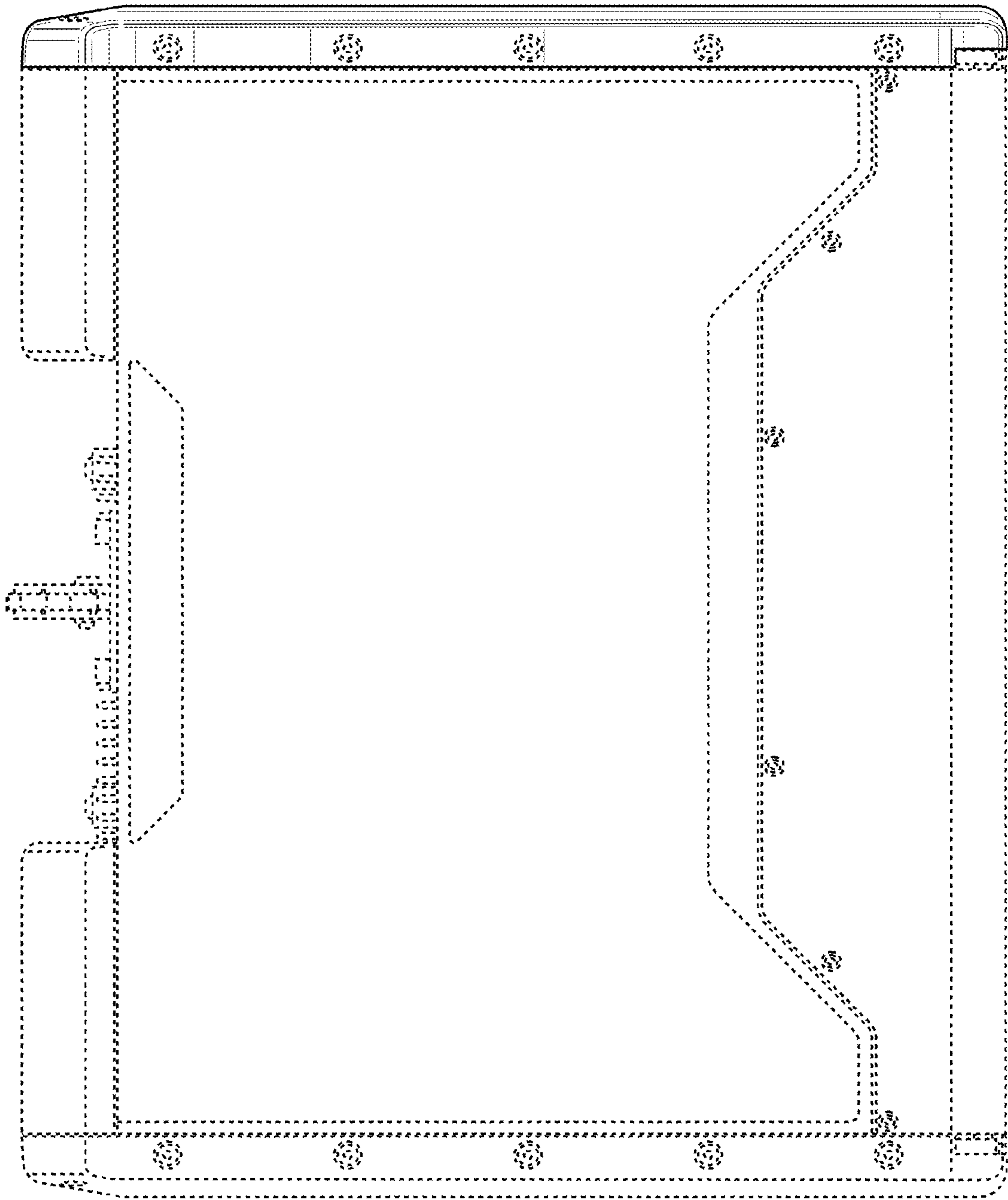


FIG. 6

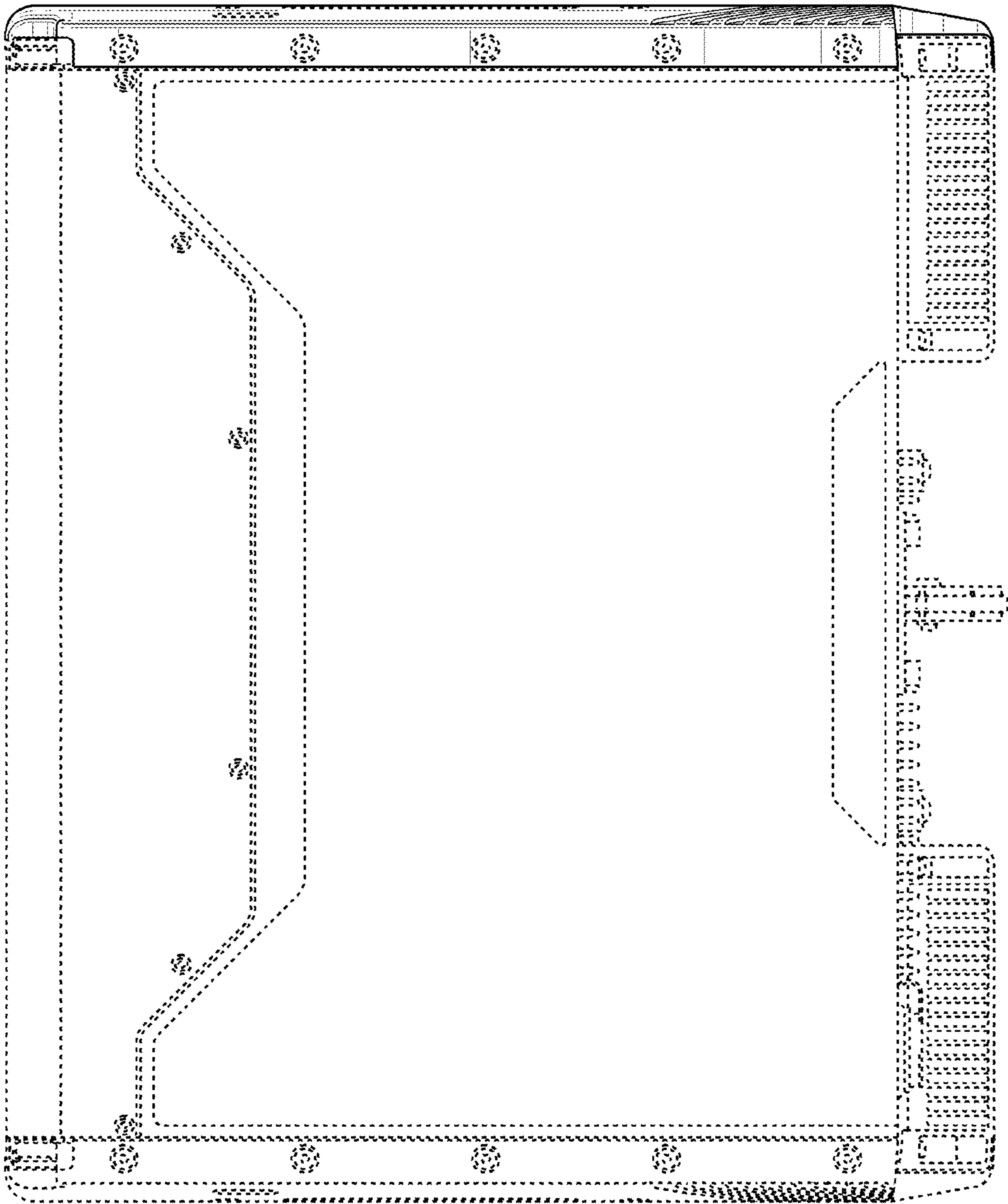


FIG. 7