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

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(54) **ADAPTOR**

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(52) **U.S. CL.** **D14/433; D14/434**

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D14/453, 454, 217, 253, 299, 240; D13/107,
D13/108, 133, 146, 147, 152, 154, 156, 158,
D13/162, 162.1, 168, 173, 177; 361/679.41,
361/679.45, 679.56; 439/105, 352, 362,
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710/313

See application file for complete search history.

(56) **References Cited**

U.S. PATENT DOCUMENTS

D318,466	S	*	7/1991	Grundstrom et al.	.....	D14/434
D361,324	S	*	8/1995	Rogers	.....	D14/434
D364,853	S	*	12/1995	Ojeda	.....	D14/434
D372,248	S	*	7/1996	Tahmassebpur	.....	D14/242
D388,061	S	*	12/1997	Tuvy et al.	.....	D13/152
5,807,139	A	*	9/1998	Volansky et al.	.....	439/638
D405,064	S	*	2/1999	Iino	.....	D14/434
D413,323	S	*	8/1999	Tashiro	.....	D14/357
D417,439	S	*	12/1999	Ropponen et al.	.....	D13/184
D425,483	S	*	5/2000	Bechtold et al.	.....	D13/147
D430,882	S	*	9/2000	Tsai	.....	D14/434

D432,082	S	*	10/2000	Chang	.....	D13/123
D433,381	S	*	11/2000	Talesfore	.....	D13/123
D443,248	S	*	6/2001	Sakasegawa	.....	D13/123
D443,586	S	*	6/2001	Sakasegawa	.....	D13/123
D448,350	S	*	9/2001	Bentz et al.	.....	D13/152
D463,412	S	*	9/2002	Bloemen	.....	D14/240
6,527,599	B2	*	3/2003	Bechtold et al.	.....	439/736
6,815,612	B2	*	11/2004	Bloodworth et al.	.....	174/50
6,833,989	B2	*	12/2004	Helot et al.	.....	361/679.56
6,948,966	B2	*	9/2005	Kambayashi et al.	.....	439/362
D517,556	S	*	3/2006	Cho	.....	D14/433
D554,582	S	*	11/2007	Iseki	.....	D13/108
D556,683	S	*	12/2007	Bonanno	.....	D13/110
7,381,079	B2	*	6/2008	Chuang	439/352
7,397,668	B2	*	7/2008	Sekine et al.	361/732

(Continued)

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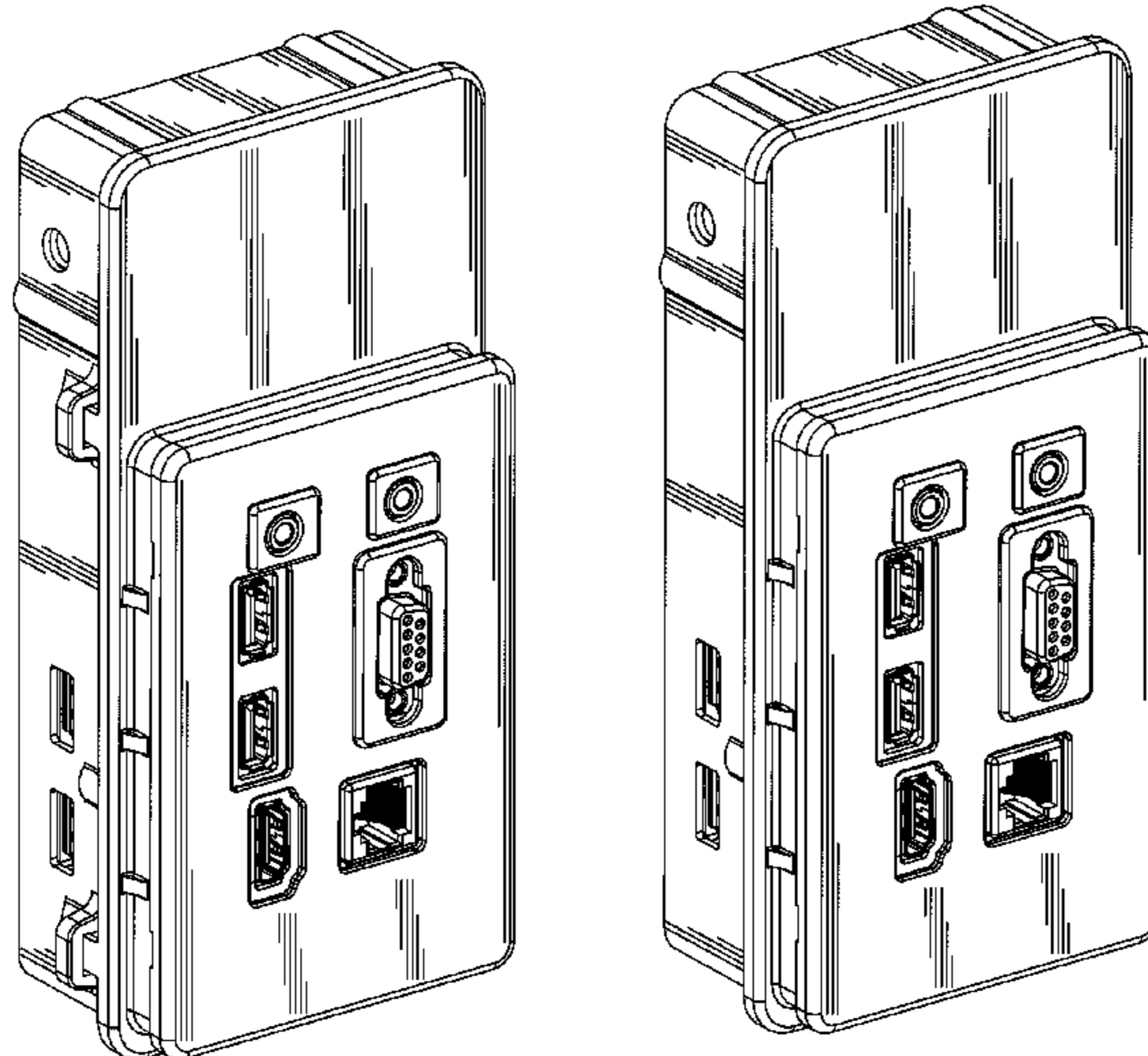
(57) **CLAIM**

The ornamental design for an adaptor, as shown.

DESCRIPTION

FIG. 1 is a front, top and left side perspective view of a first adaptor showing our new design;
 FIG. 2 is a front elevational view thereof;
 FIG. 3 is a rear elevational view thereof;
 FIG. 4 is a left side elevational view thereof;
 FIG. 5 is a right side elevational view thereof;
 FIG. 6 is a top plan view thereof; and
 FIG. 7 is a bottom plan view thereof.
 FIG. 8 is a front, top and left side perspective view of a second adaptor showing our new design;
 FIG. 9 is a front elevational view thereof;
 FIG. 10 is a rear elevational view thereof;
 FIG. 11 is a left side elevational view thereof;
 FIG. 12 is a right side elevational view thereof;
 FIG. 13 is a top plan view thereof; and,
 FIG. 14 is a bottom plan view thereof.

1 Claim, 14 Drawing Sheets



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U.S. PATENT DOCUMENTS

D575,785	S	*	8/2008	Chang	D14/432	D635,978	S	*	4/2011	Chen	D14/434
D577,038	S	*	9/2008	Nakamura	.....	D14/496	2003/0216069	A1	*	11/2003	Huang	.....	439/105
D583,820	S	*	12/2008	O'Shea	.....	D14/434	2005/0116685	A1	*	6/2005	Liu et al.	.....	320/116
7,503,808	B1	*	3/2009	O'Shea	.....	439/639	2006/0250767	A1	*	11/2006	Brophy et al.	.....	361/686
D591,690	S	*	5/2009	Vogel et al.	.....	D13/152	2007/0174532	A1	*	7/2007	Chen	.....	710/313
D625,729	S	*	10/2010	McNames et al.	.....	D14/434	2010/0211709	A1	*	8/2010	Chen et al.	.....	710/73
D629,365	S	*	12/2010	Garcia De Vicuna	.....	D13/152							

* cited by examiner

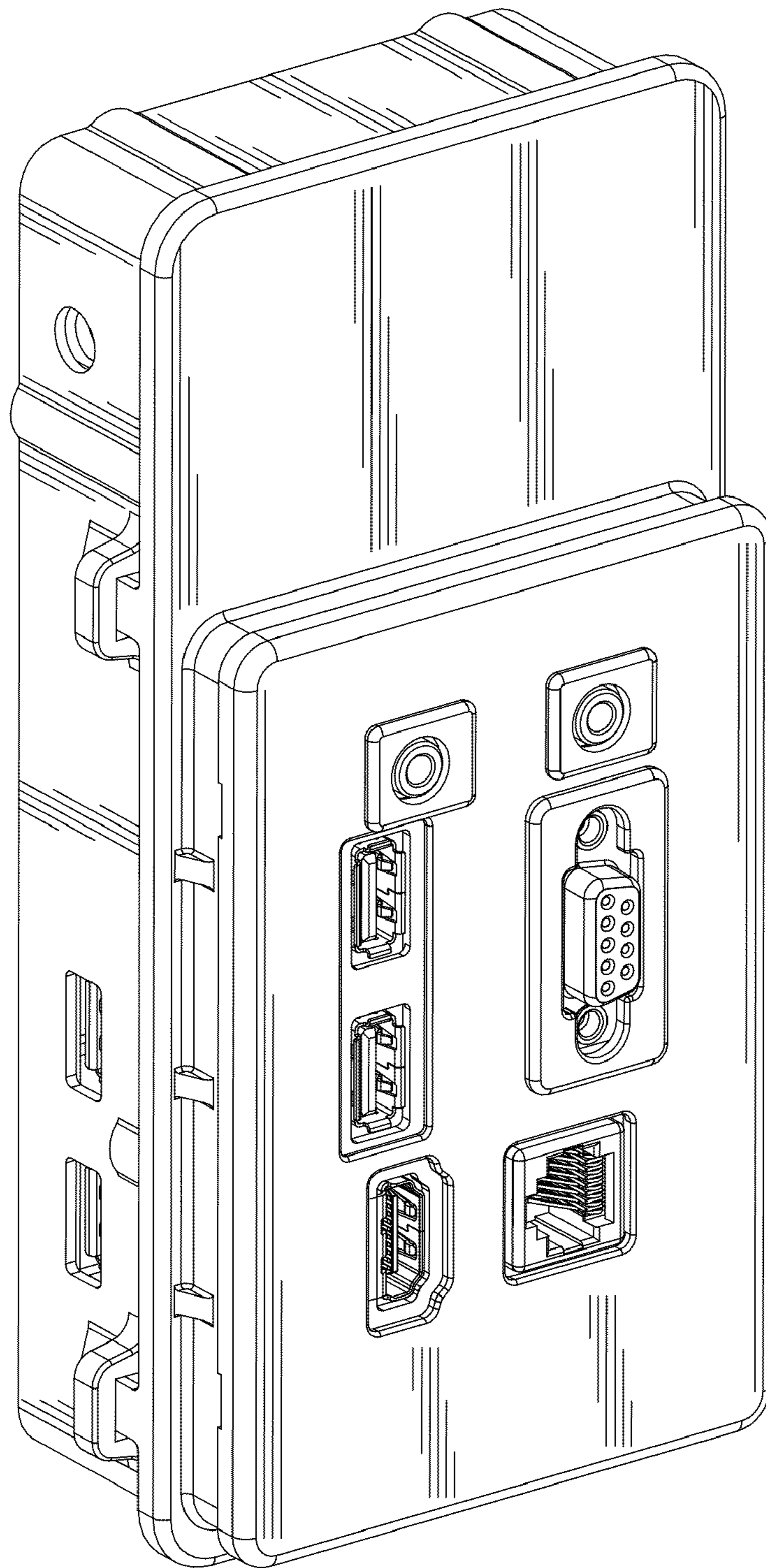


FIG. 1

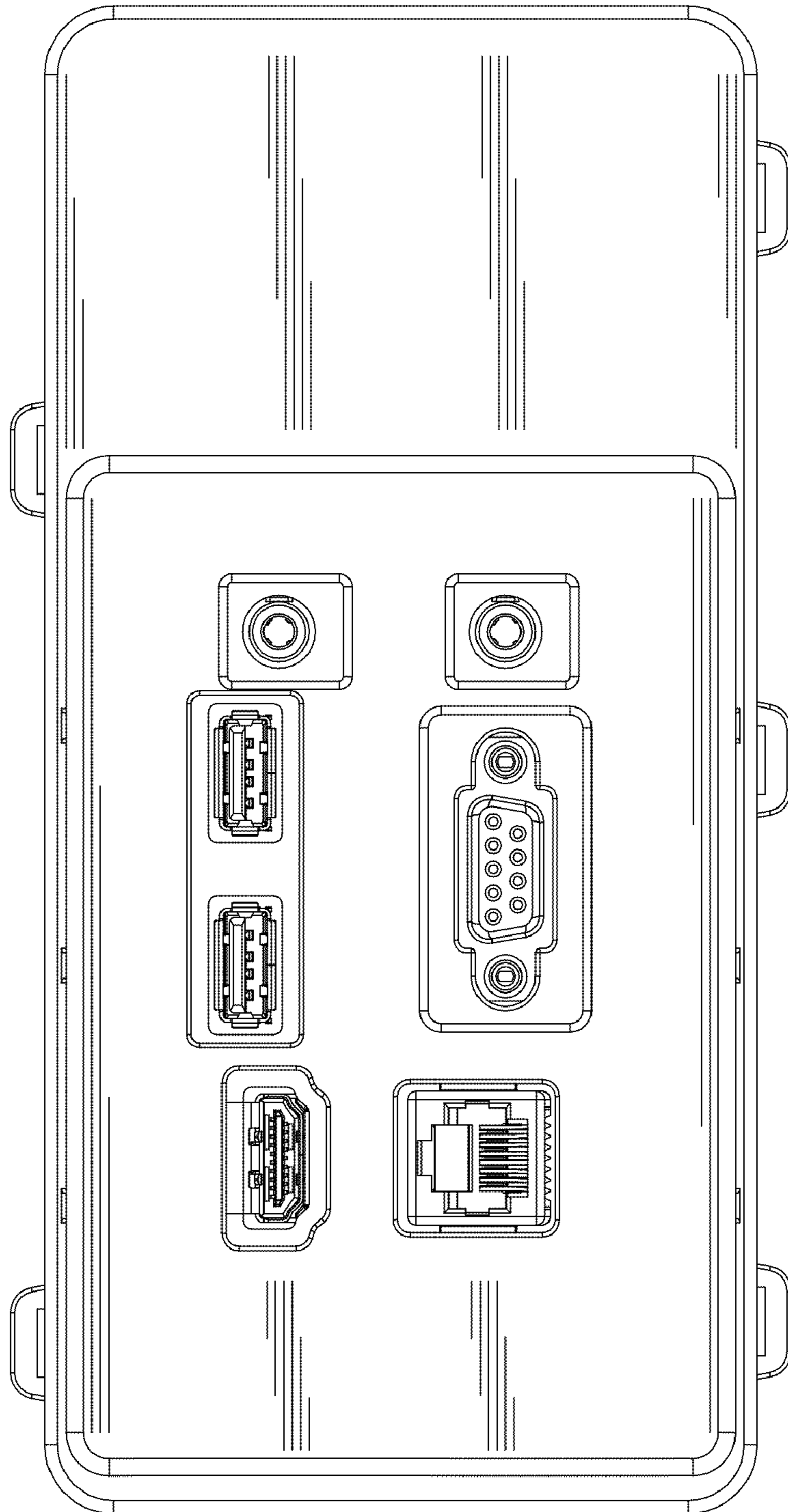


FIG. 2

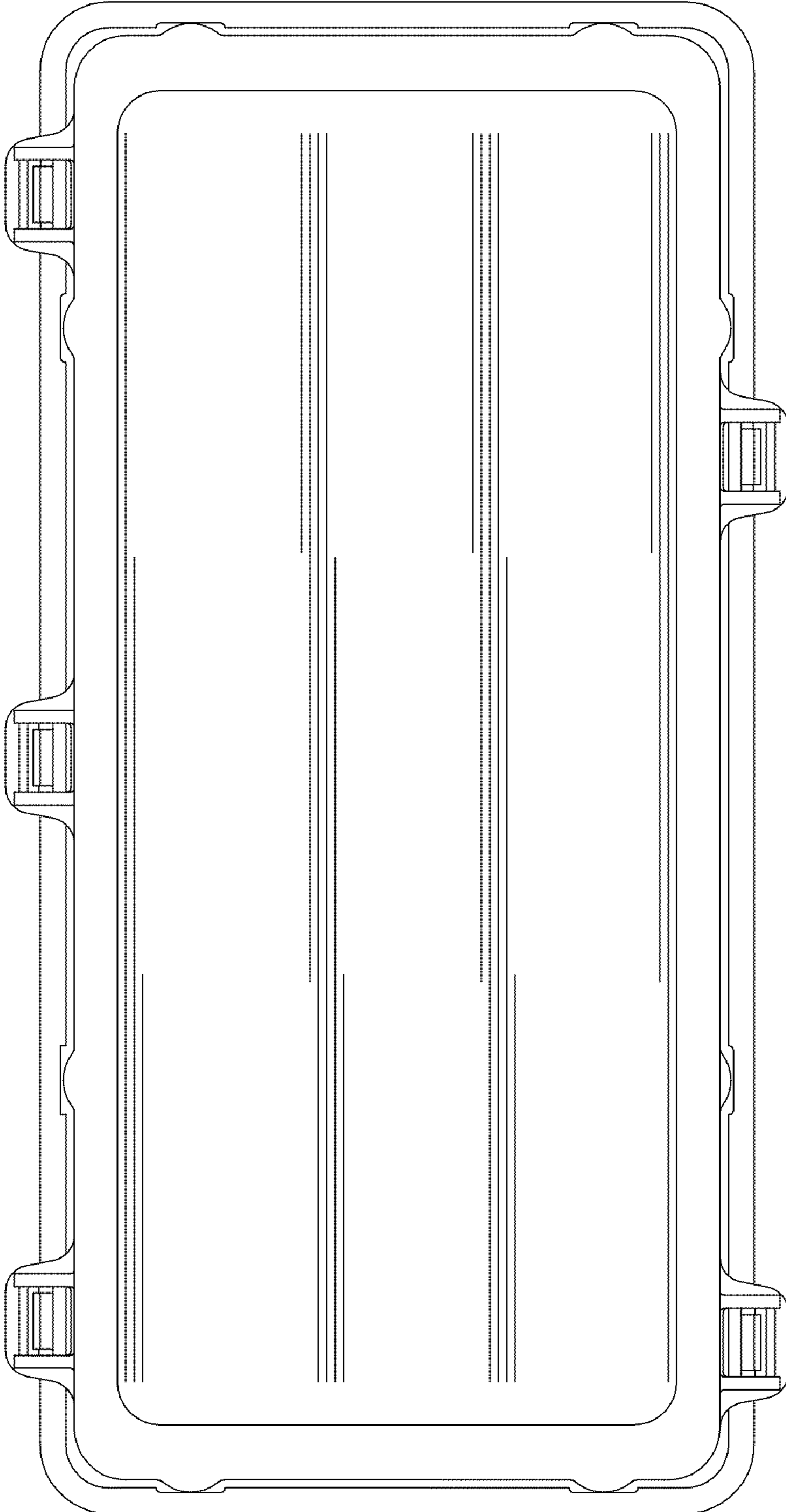


FIG. 3

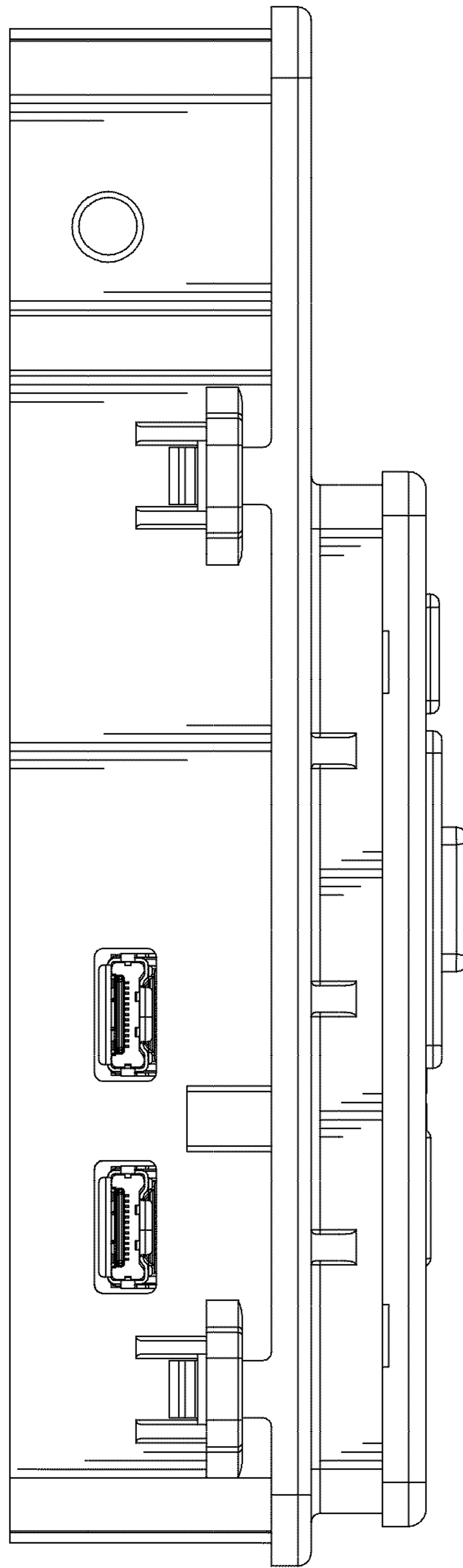


FIG. 4

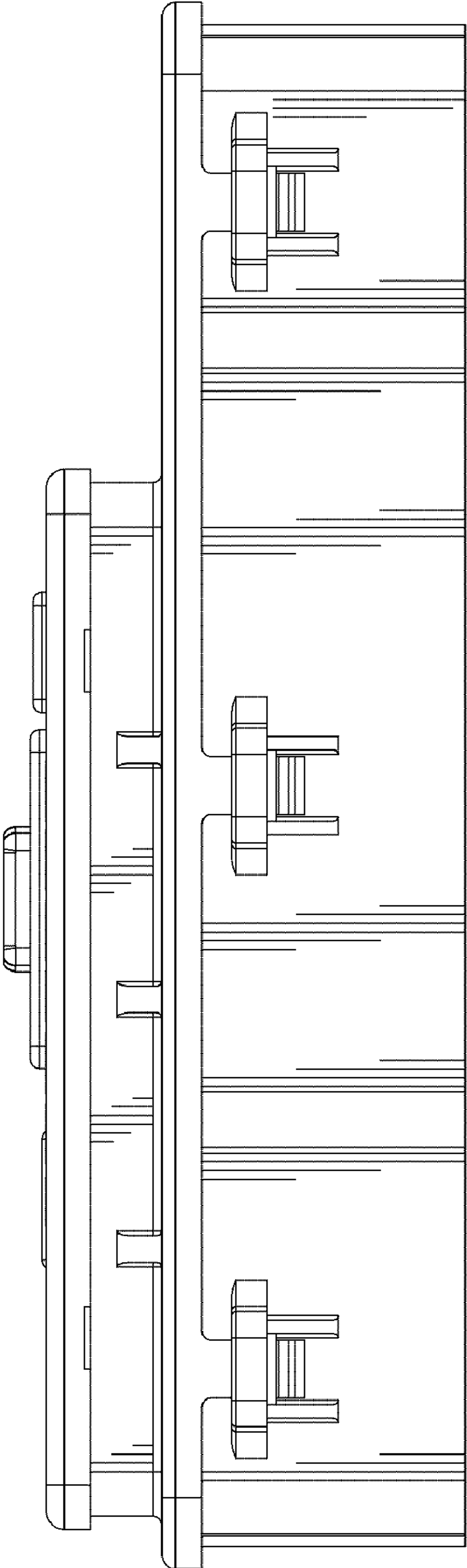


FIG. 5

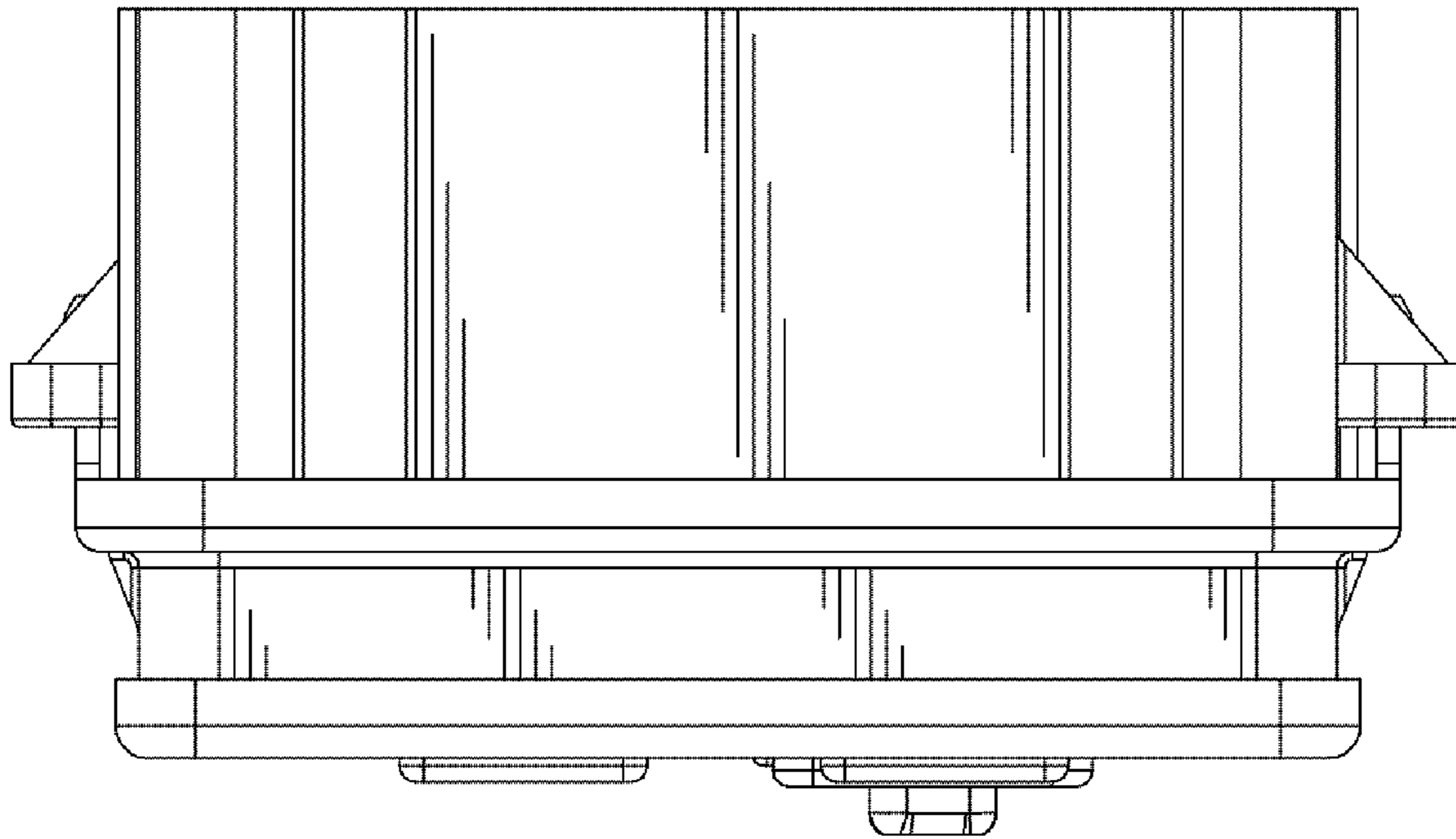


FIG. 6

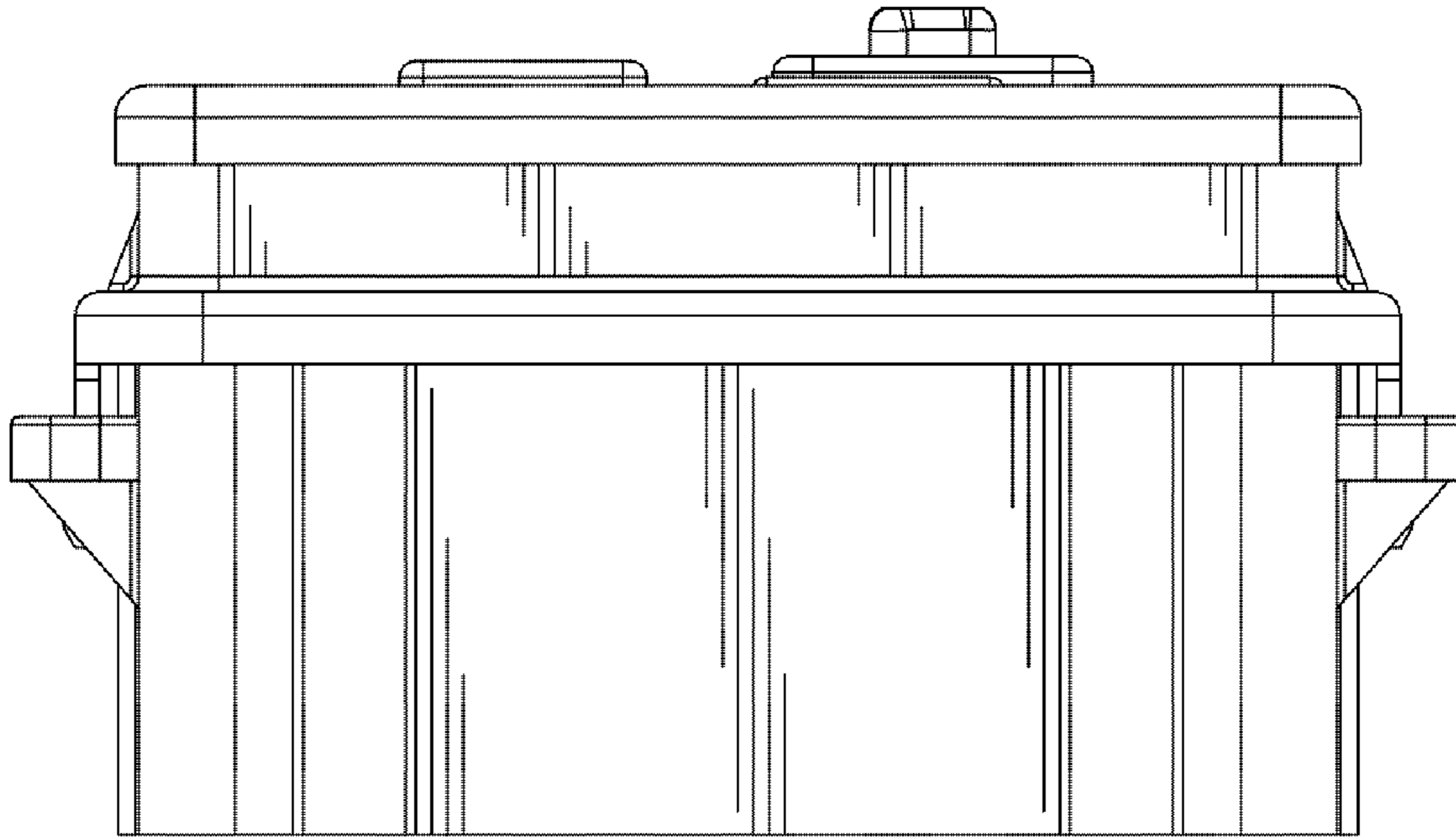


FIG. 7

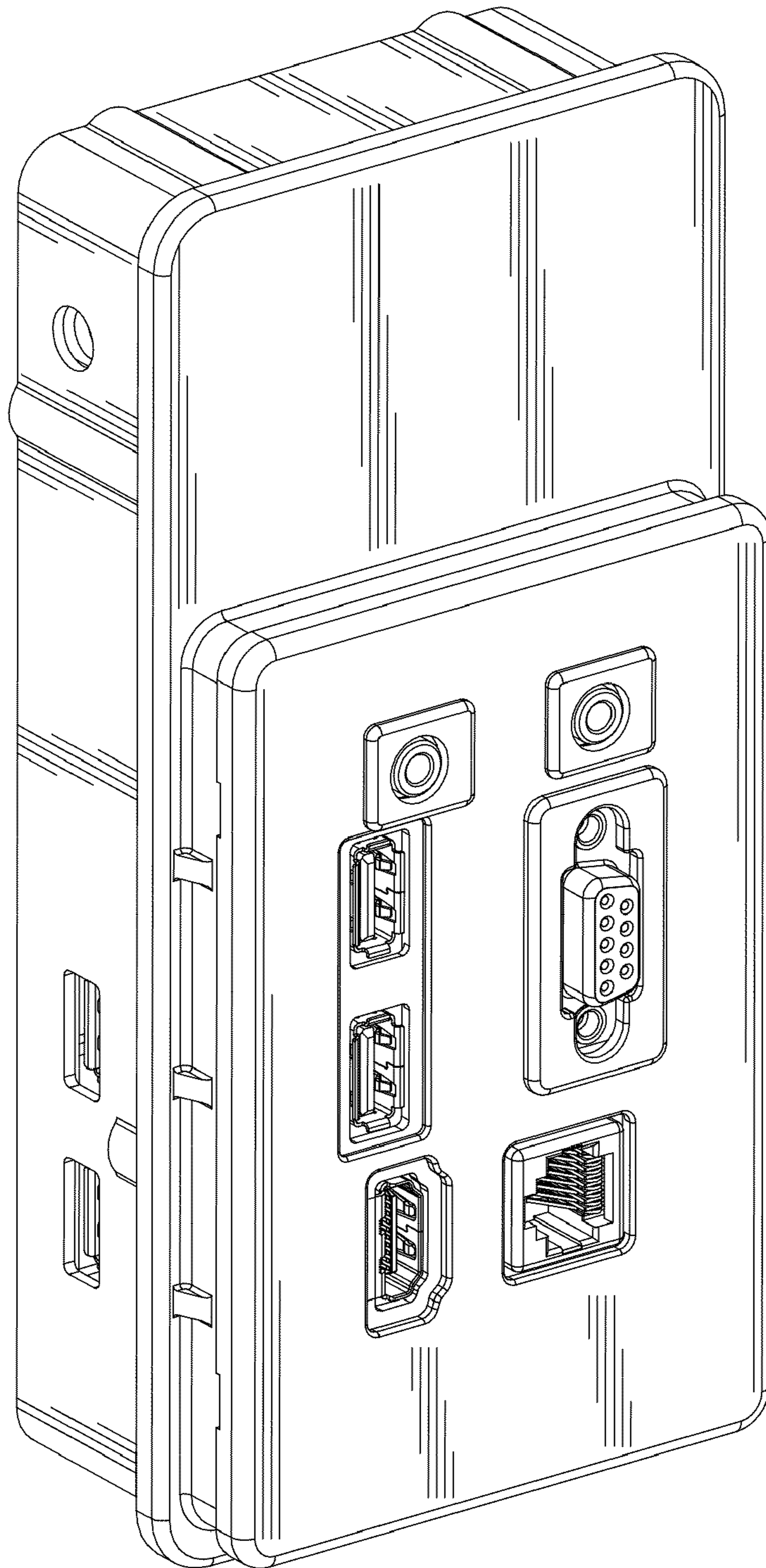


FIG. 8

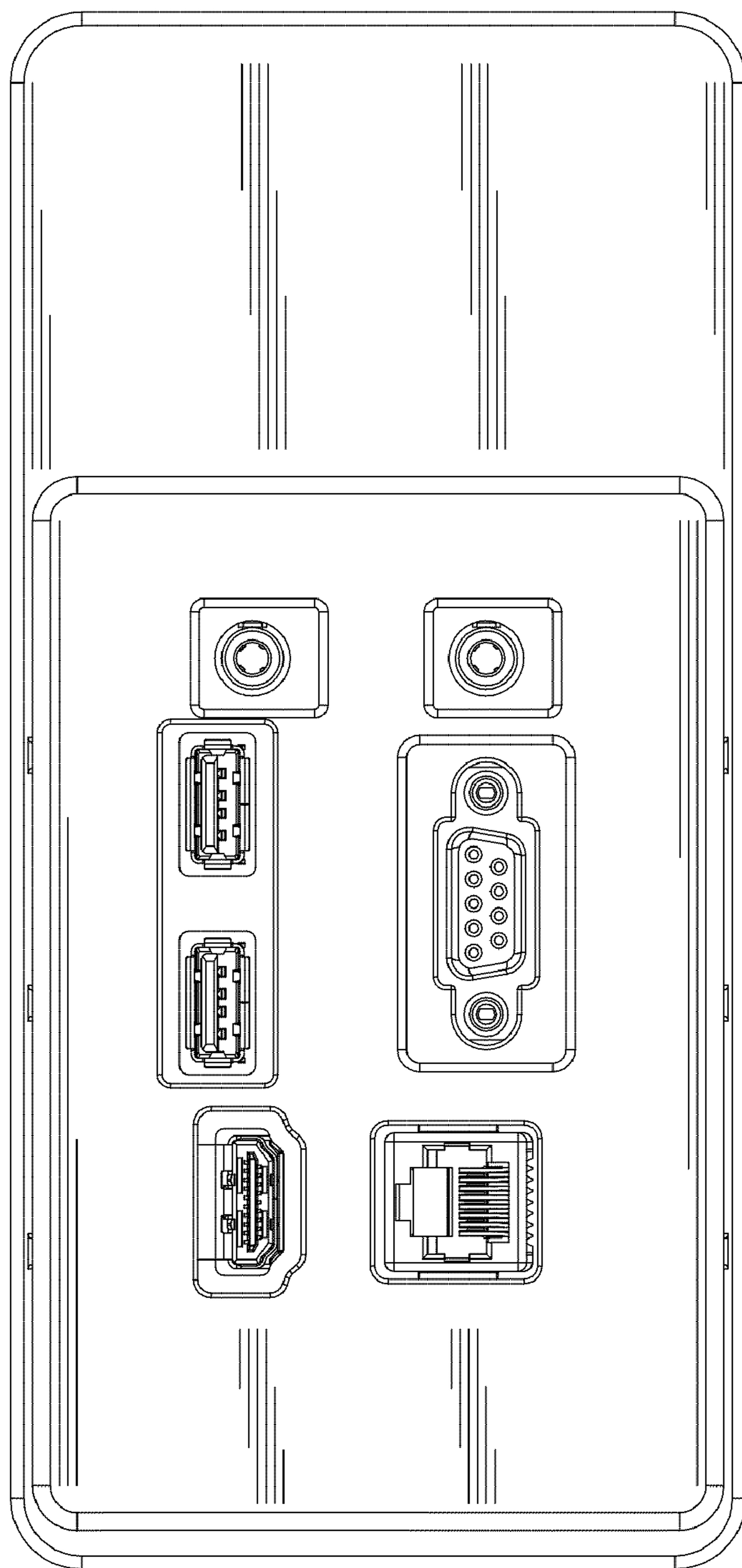


FIG. 9

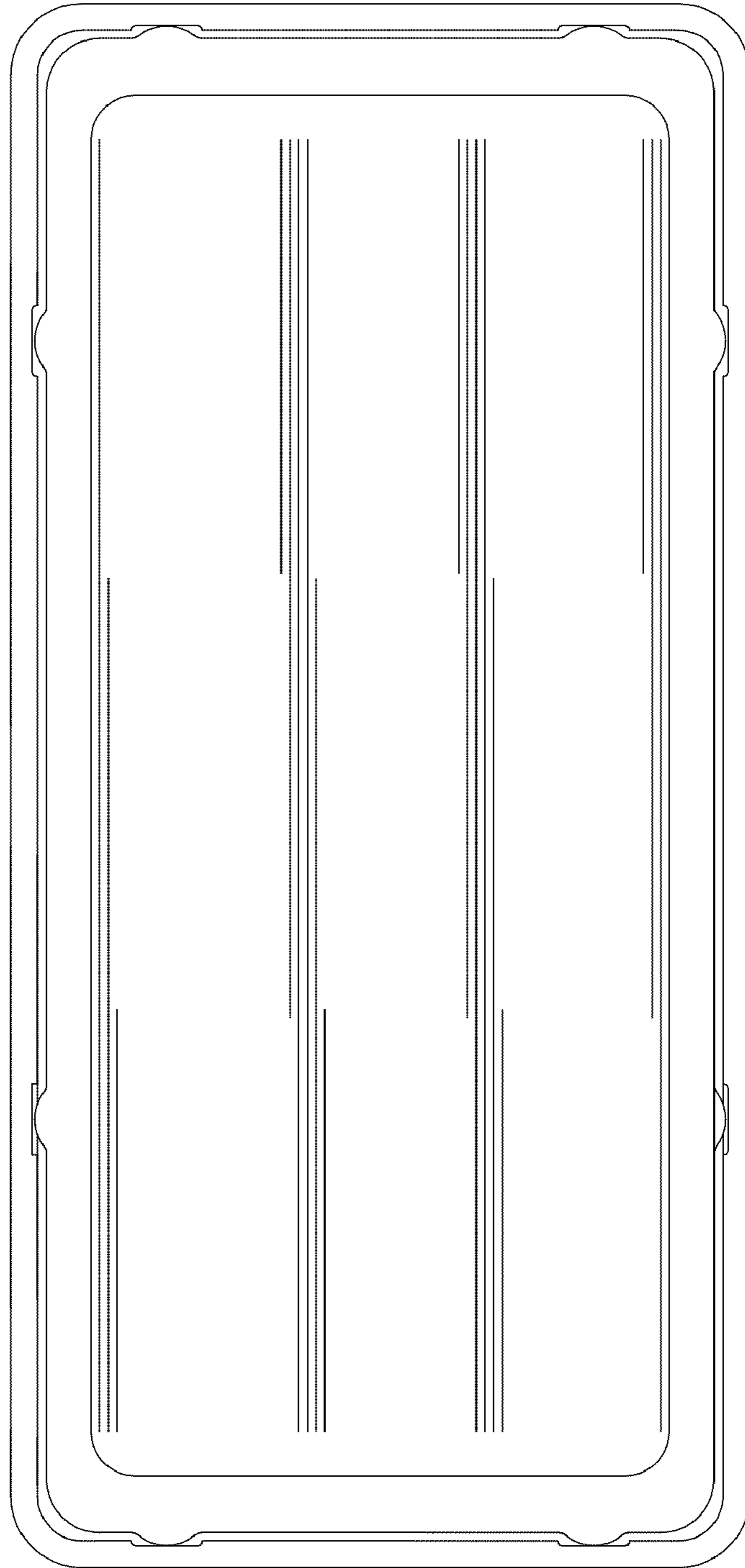


FIG. 10

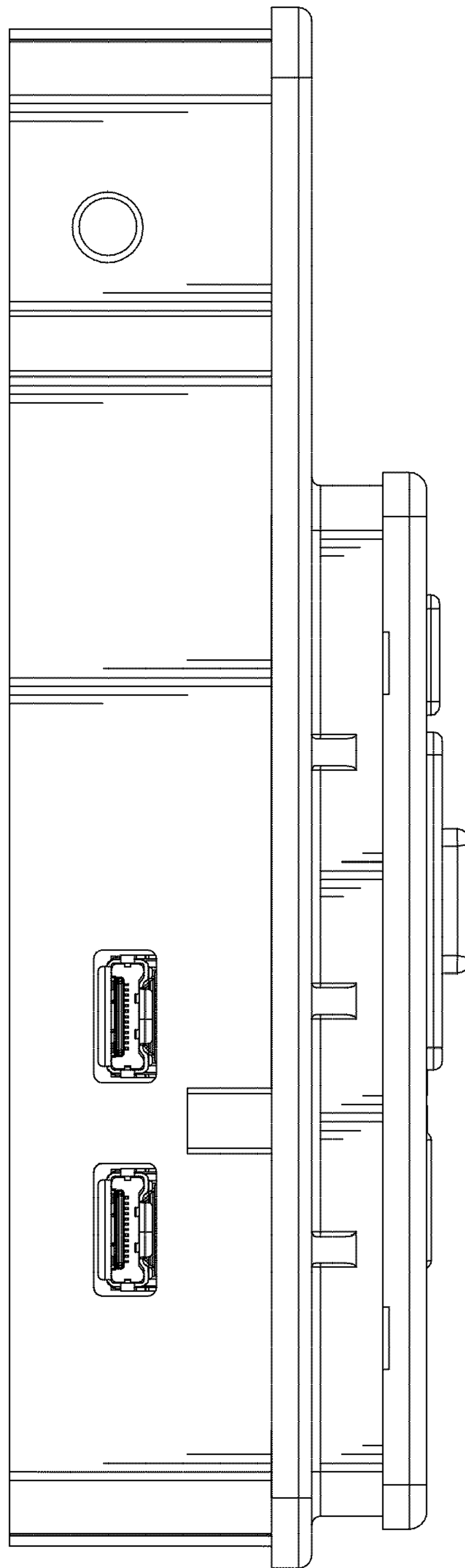


FIG. 11

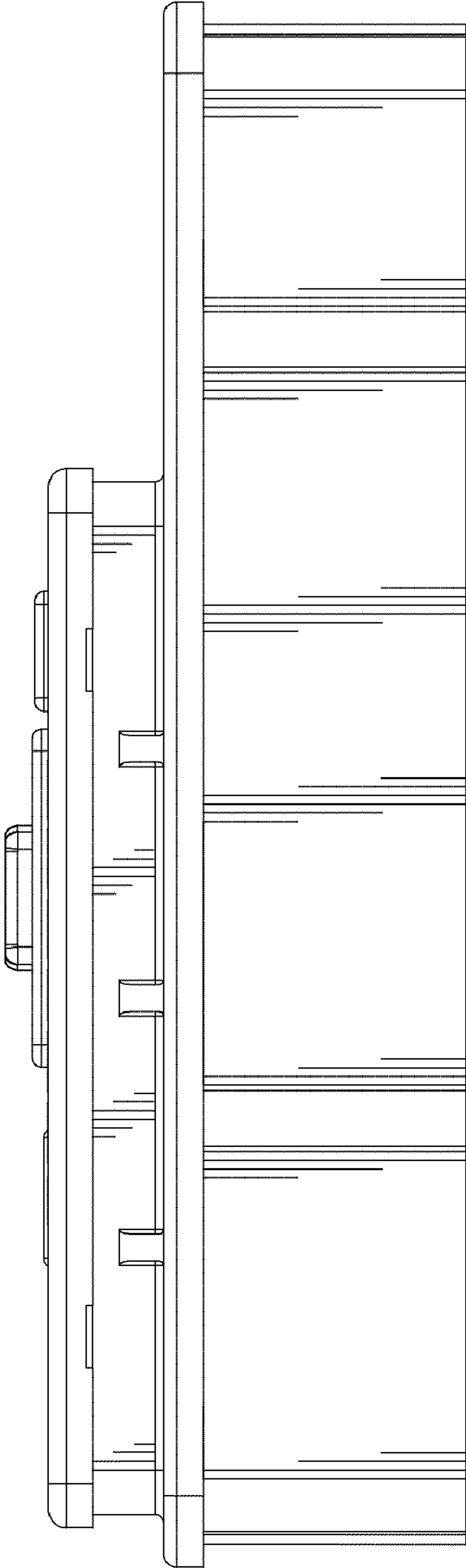


FIG. 12

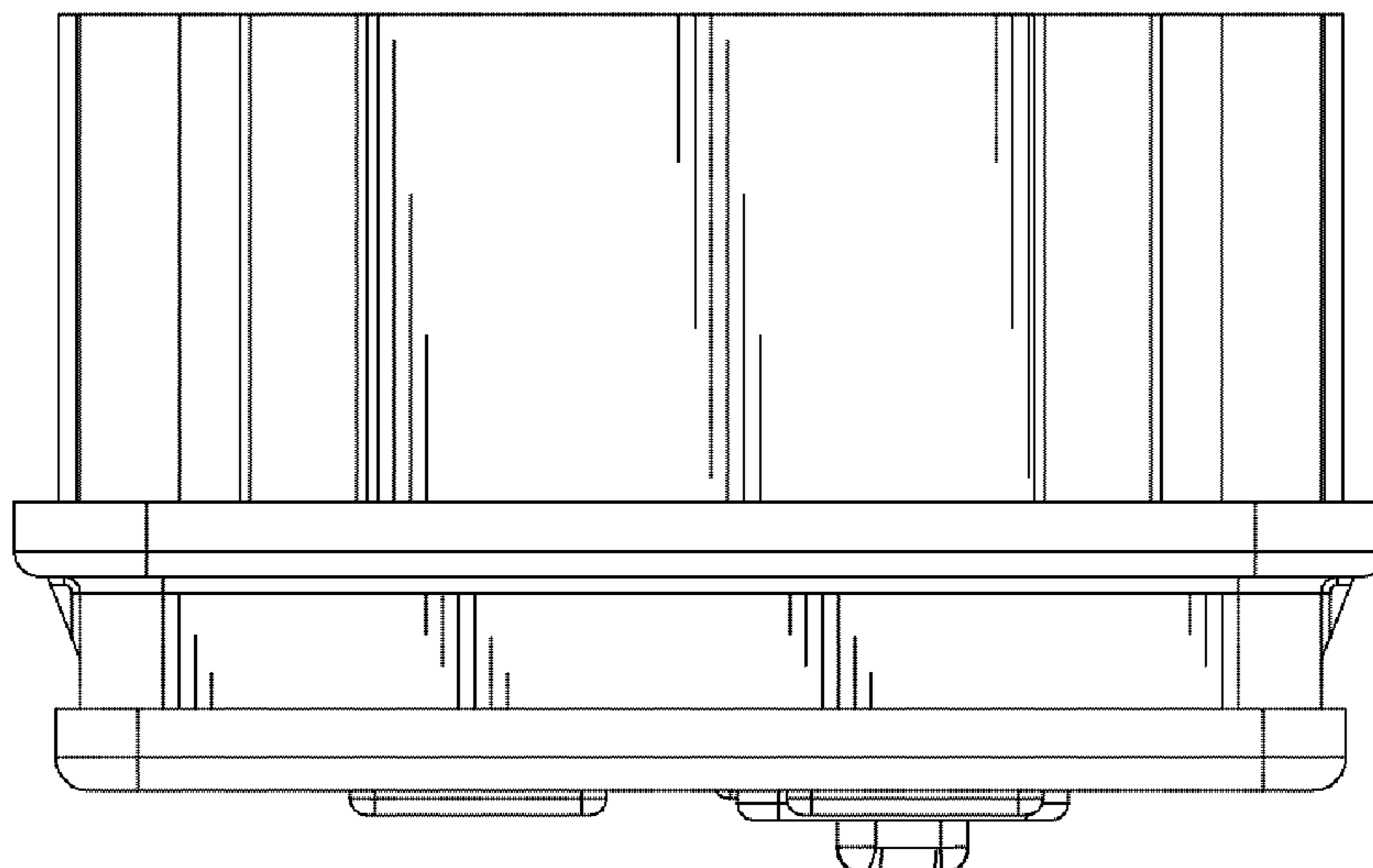


FIG. 13

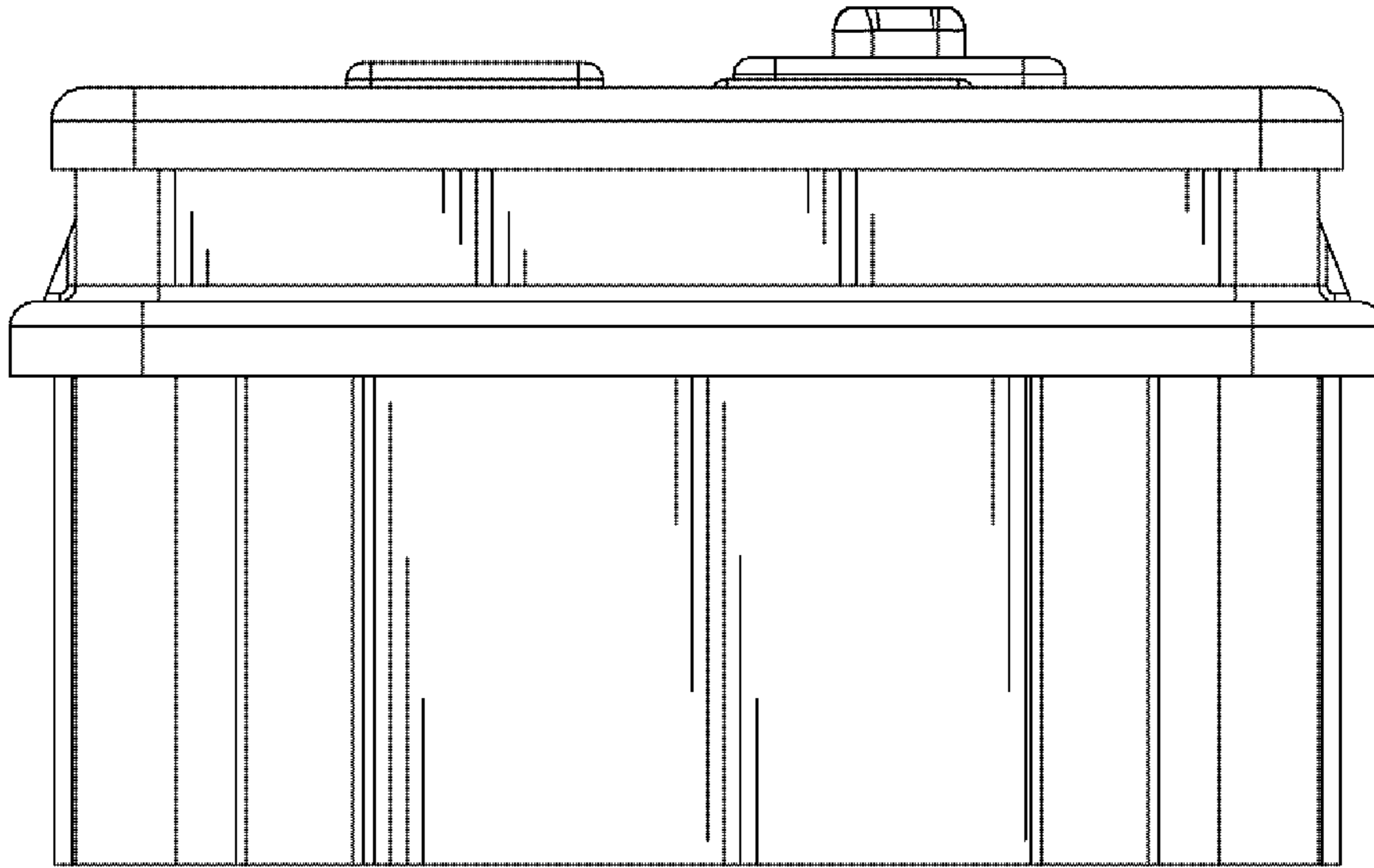


FIG. 14