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(12) **United States Design Patent** (10) **Patent No.:** **US D810,164 S**  
**Lin** (45) **Date of Patent:** **\*\* Feb. 13, 2018**

- (54) **LINEAR ACTUATOR**
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- (\*\*) Term: **15 Years**
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- (51) **LOC (11) Cl.** ..... **15-09**
- (52) **U.S. Cl.**  
USPC ..... **D15/148**
- (58) **Field of Classification Search**  
USPC ..... D12/345; D13/118, 158, 162, 184;  
D15/1-5, 7, 9, 143, 148, 149, 199  
CPC ..... B66F 3/18; F16H 19/04; F16H 57/039;  
H01F 7/066  
See application file for complete search history.

D610,655 S *	2/2010	Schmidt	.....	D23/249
D624,099 S *	9/2010	Fukano	.....	D13/158
D624,100 S *	9/2010	Fukano	.....	D13/158
D624,572 S *	9/2010	Fukano	.....	D13/158
D655,200 S *	3/2012	Gross	.....	B65D 83/56 D9/687
D660,333 S *	5/2012	Takeuchi	.....	D15/143
D660,334 S *	5/2012	Takeuchi	.....	D15/143
D664,169 S *	7/2012	Shirai	.....	D15/143
D686,257 S *	7/2013	Wu	.....	D15/143
D702,271 S *	4/2014	Lin	.....	D15/143
D703,714 S *	4/2014	Kim	.....	D15/143
D704,238 S *	5/2014	Fukano	.....	D15/143
D744,559 S *	12/2015	Nakayama	.....	D15/143
D792,916 S *	7/2017	Kobayashi	.....	D15/148
2006/0279140 A1 *	12/2006	Jenny	.....	H02K 41/02 310/12.19

\* cited by examiner

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(57) **CLAIM**

The ornamental design for a linear actuator, as shown and described.

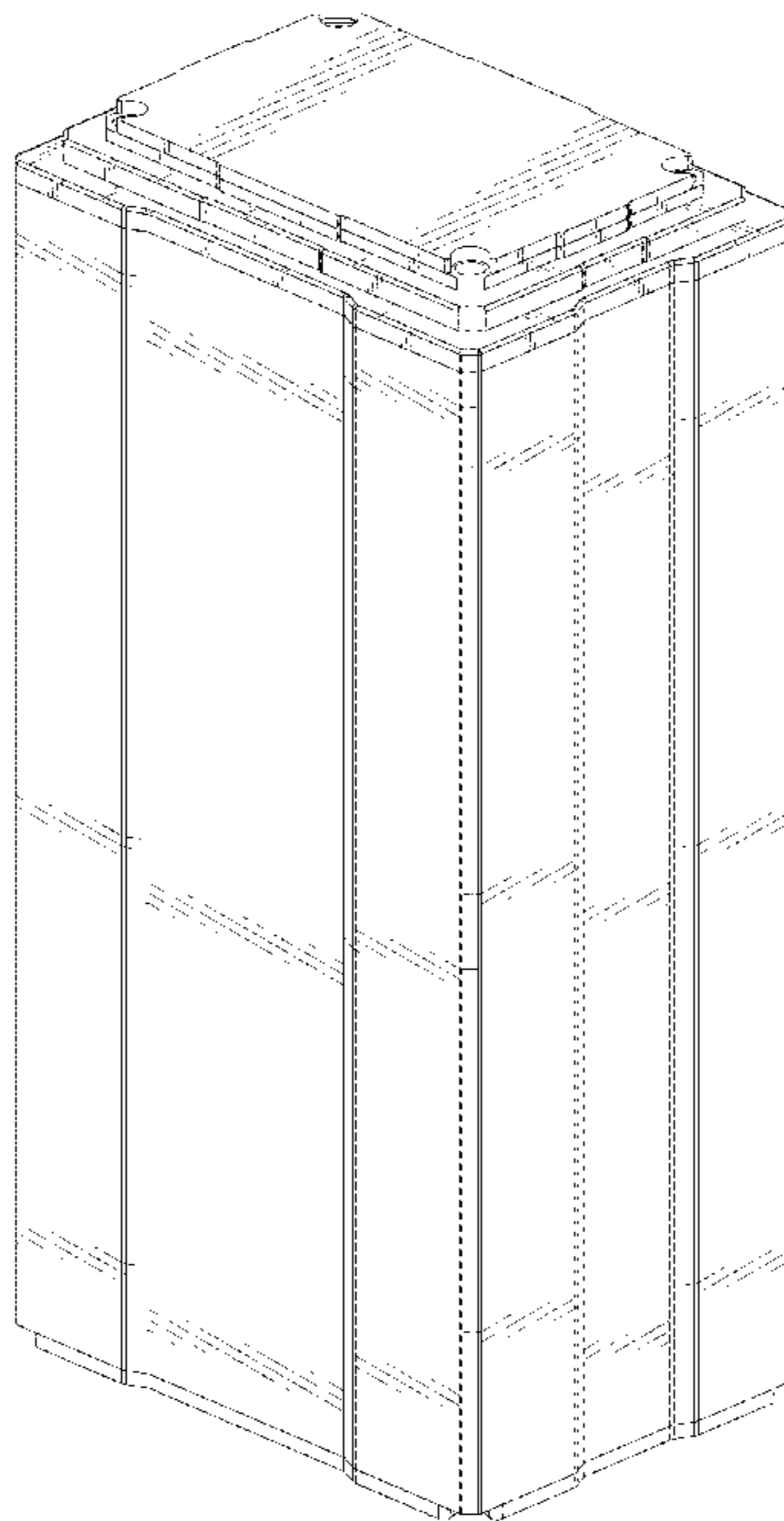
**DESCRIPTION**

FIG. 1 is a perspective view of a linear actuator showing my new design;  
FIG. 2 is a front view thereof;  
FIG. 3 is a rear view thereof;  
FIG. 4 is a left side view thereof;  
FIG. 5 is a right side view thereof;  
FIG. 6 is a top view thereof; and,  
FIG. 7 is a bottom view thereof.

**1 Claim, 7 Drawing Sheets**

(56) **References Cited**  
U.S. PATENT DOCUMENTS

D379,468 S *	5/1997	Nagai	.....	D15/149
D399,491 S *	10/1998	Nagai	.....	D13/158
D399,830 S *	10/1998	Nagai	.....	D13/158
D412,714 S *	8/1999	Nagai	.....	D15/149
D413,129 S *	8/1999	Nagai	.....	D15/199
D417,457 S *	12/1999	Asahara	.....	D15/7
D441,768 S *	5/2001	Nagai	.....	D15/7
D578,147 S *	10/2008	Fukano	.....	D15/143
D587,733 S *	3/2009	Niedermeyer	.....	D15/143
D596,653 S *	7/2009	Fukano	.....	D15/143



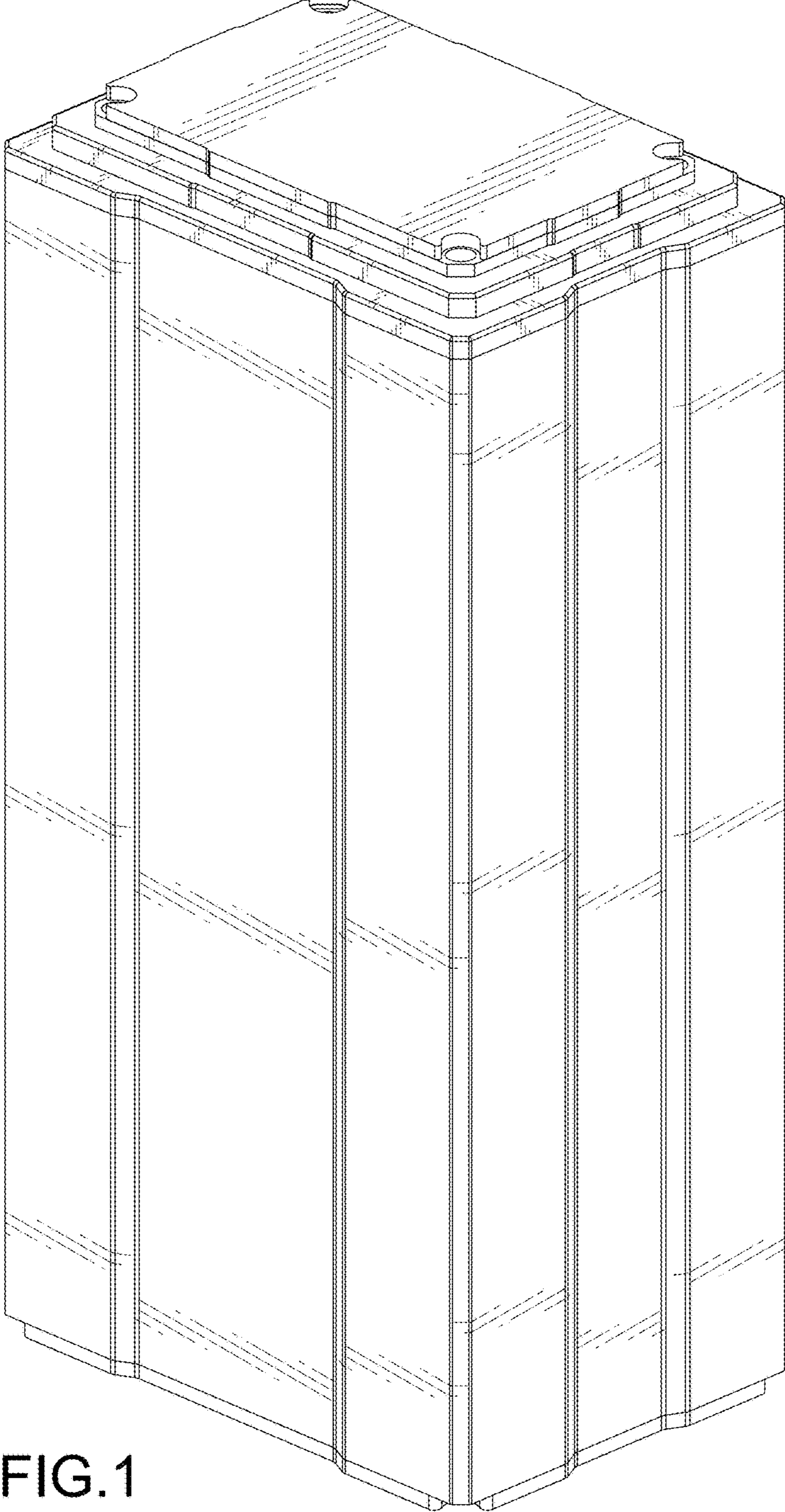


FIG.1

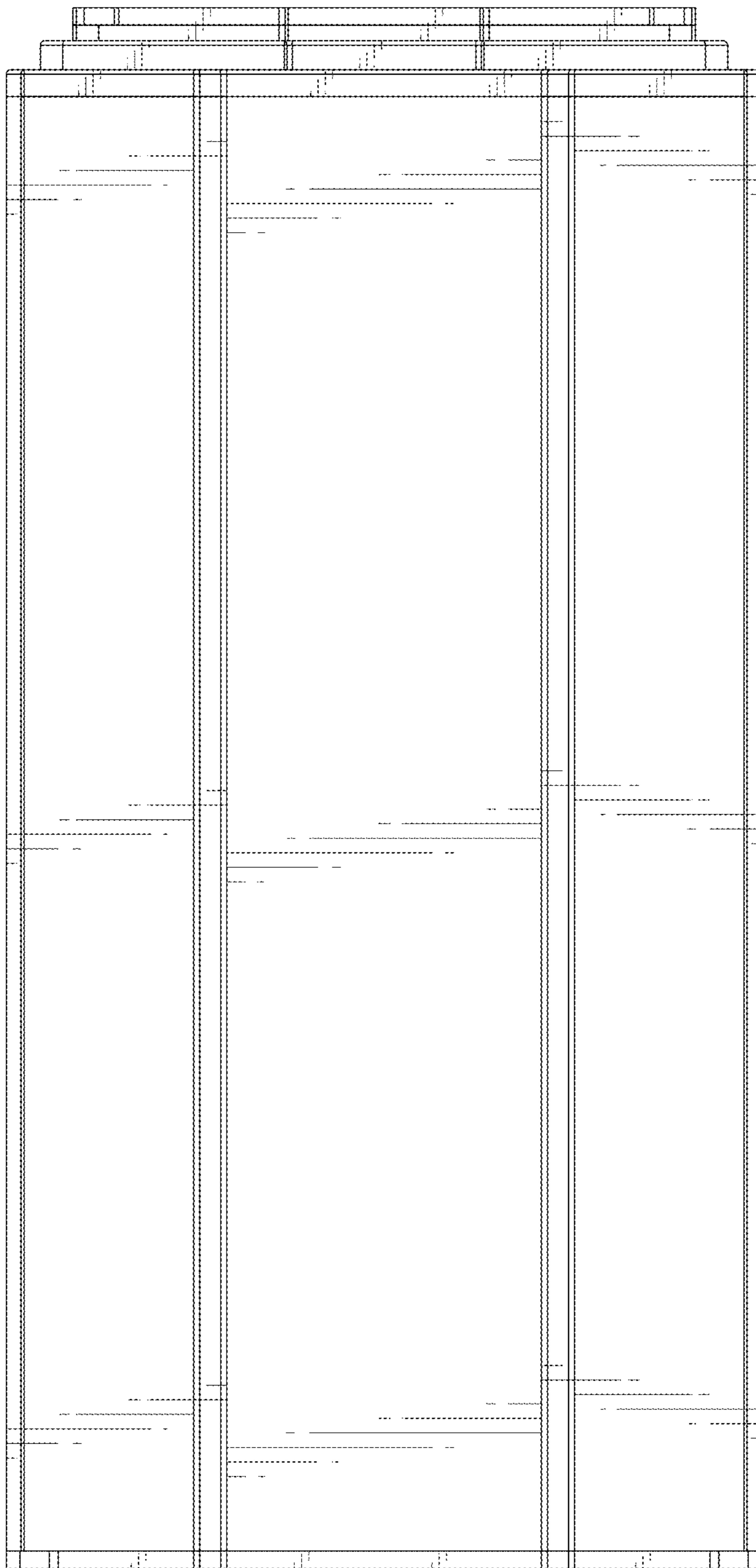


FIG.2

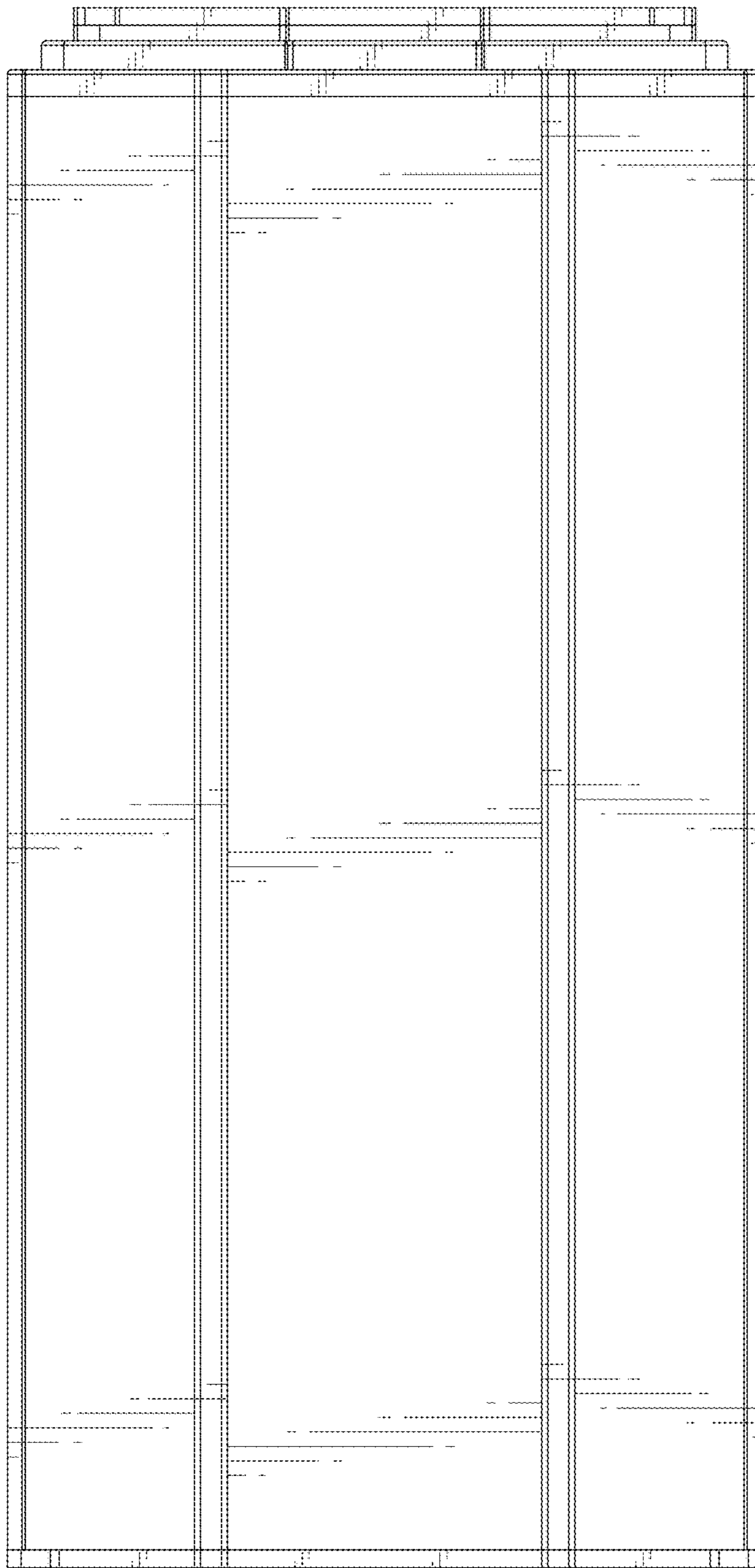


FIG.3

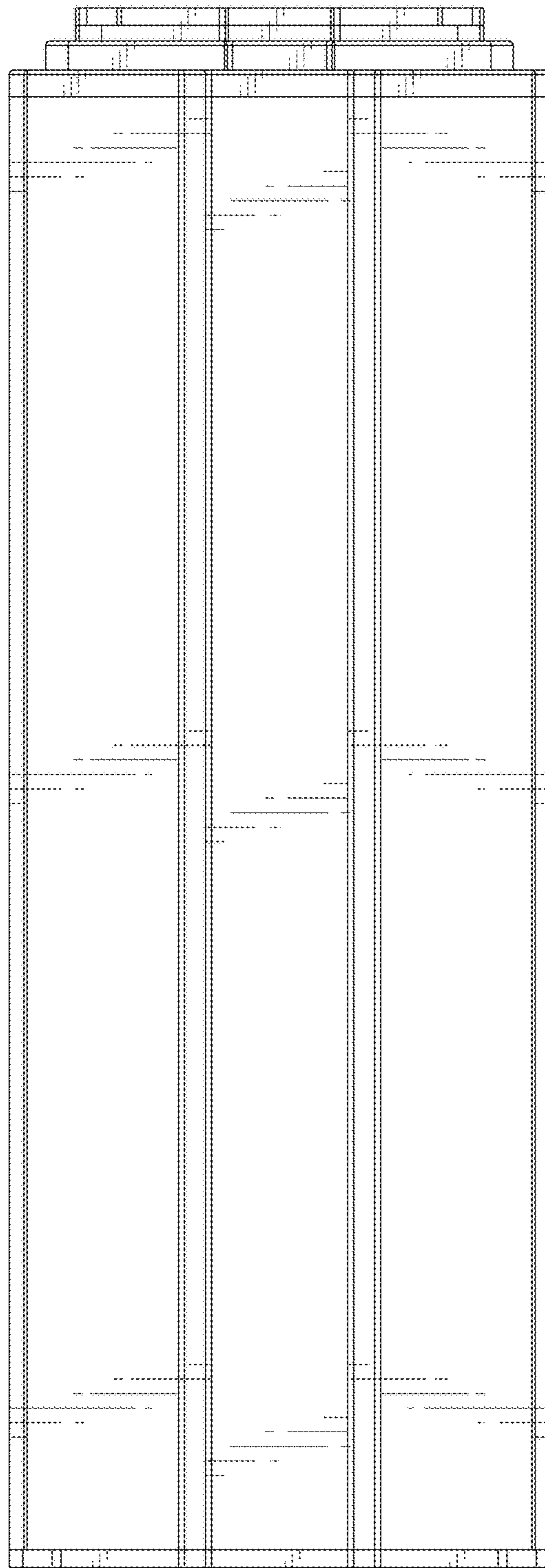


FIG.4

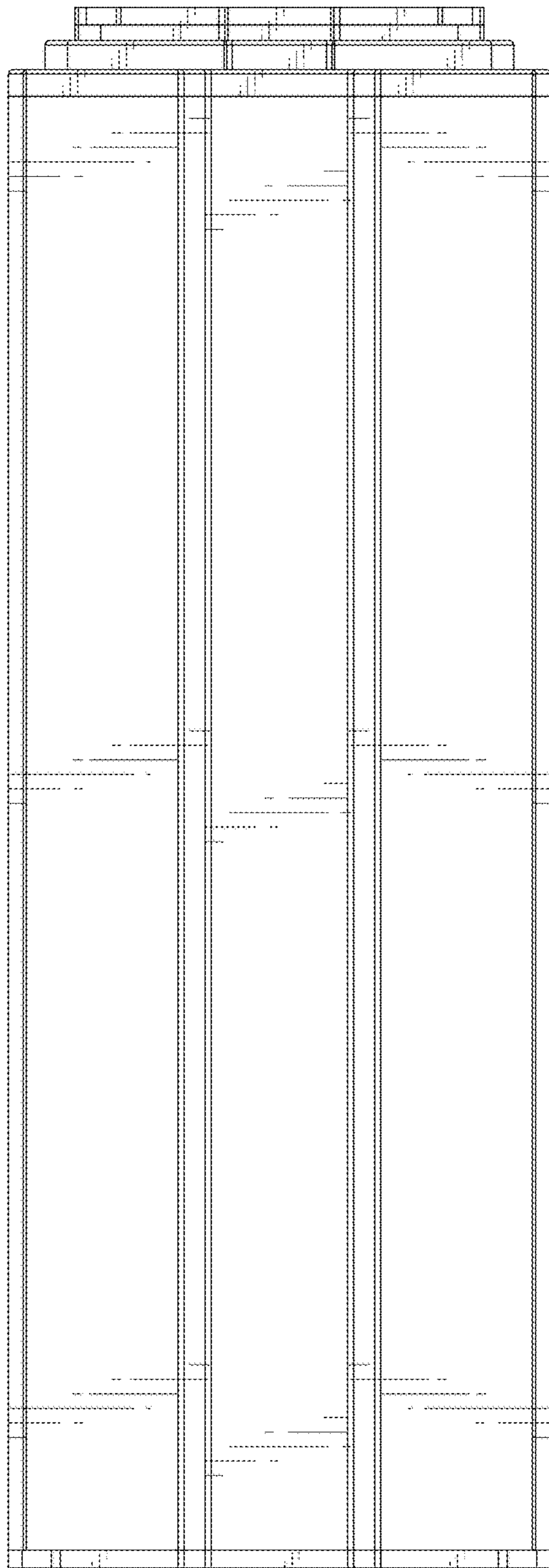


FIG.5

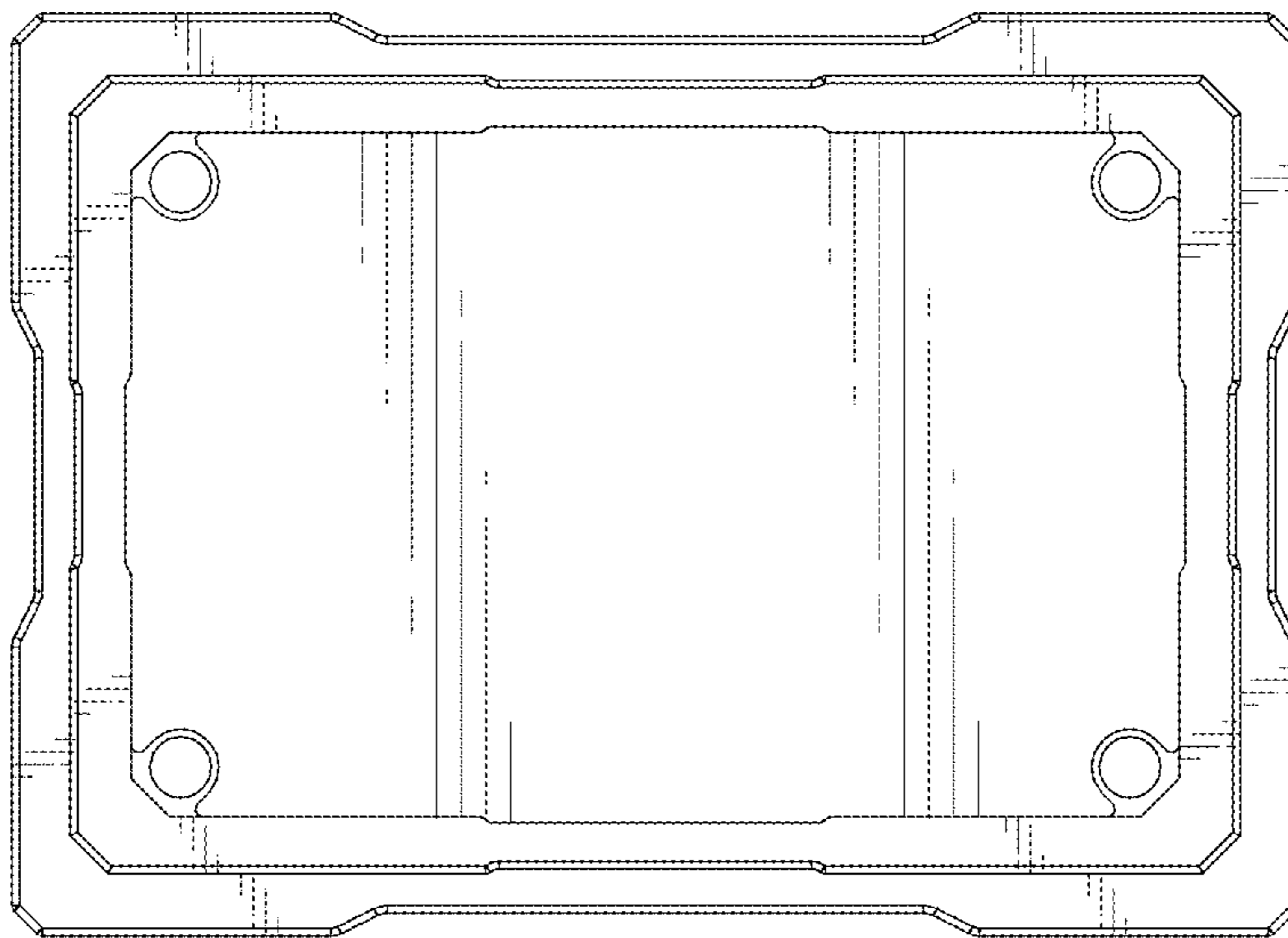


FIG.6

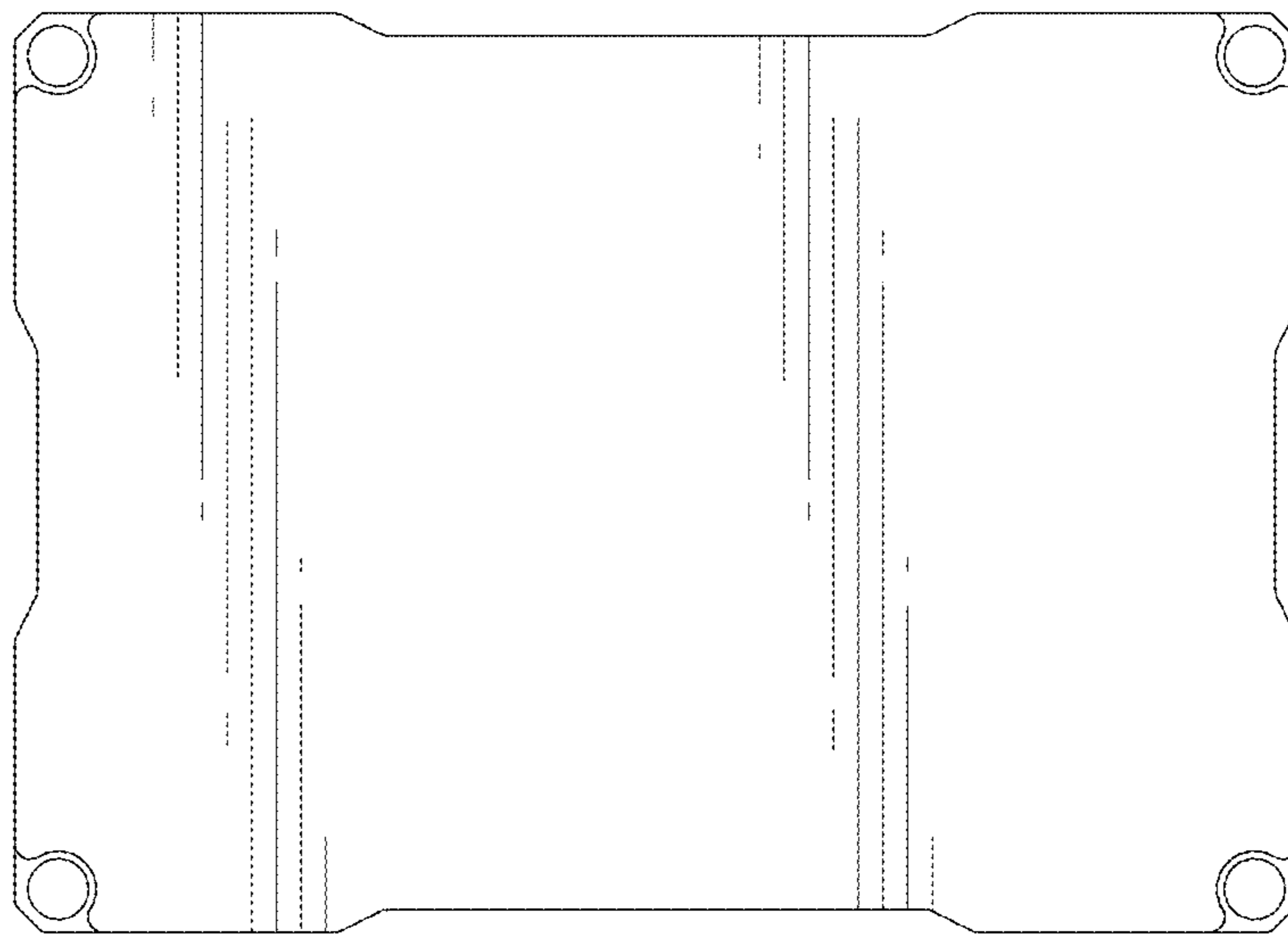


FIG.7