



US00D673905S

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

(10) **Patent No.:** **US D673,905 S**

(45) **Date of Patent:** **** Jan. 8, 2013**

(54) **SECONDARY BATTERIES**

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(**) Term: **14 Years**

(21) Appl. No.: **29/411,965**

(22) Filed: **Jan. 27, 2012**

(30) **Foreign Application Priority Data**

Jul. 28, 2011 (JP) 2011-017349

(51) **LOC (9) Cl.** **13-02**

(52) **U.S. Cl.** **D13/103**

(58) **Field of Classification Search** D13/102–106,
D13/110, 118–119, 184; 429/96–100, 163,
429/176

See application file for complete search history.

(56) **References Cited**

U.S. PATENT DOCUMENTS

D326,200	S	*	5/1992	Allen et al.	.....	D6/479
D348,269	S	*	6/1994	Chong	.....	D14/140.4
5,766,801	A	*	6/1998	Inoue et al.	.....	429/99
D410,653	S	*	6/1999	Roy et al.	.....	D14/140.4
6,761,992	B1	*	7/2004	Marukawa et al.	.....	429/96

2008/0160395	A1	*	7/2008	Okada et al.	.....	429/99
2008/0280194	A1	*	11/2008	Okada	.....	429/99
2011/0117409	A1	*	5/2011	Lee et al.	.....	429/99
2011/0151298	A1	*	6/2011	Kim	.....	429/99
2011/0151299	A1	*	6/2011	Park et al.	.....	429/99
2011/0159336	A1	*	6/2011	Ohkura et al.	.....	429/99
2011/0293978	A1	*	12/2011	Kim	.....	429/99
2011/0300424	A1	*	12/2011	Kim et al.	.....	429/99
2012/0114999	A1	*	5/2012	Park et al.	.....	429/99
2012/0121956	A1	*	5/2012	Park et al.	.....	429/99
2012/0129026	A1	*	5/2012	Wu	429/99

FOREIGN PATENT DOCUMENTS

JP 1285204 11/2006

* cited by examiner

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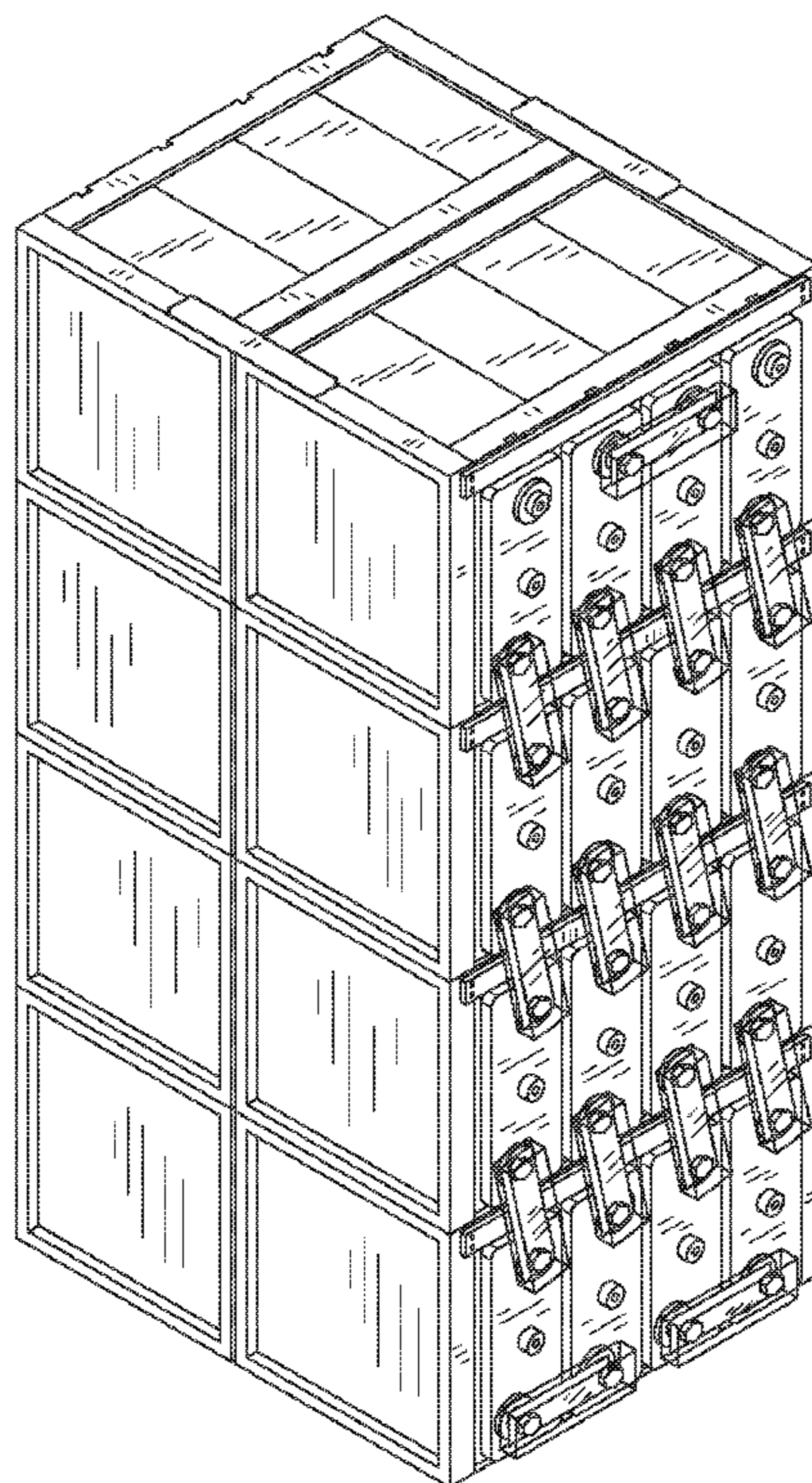
(57) **CLAIM**

The ornamental design for a secondary batteries apparatus, as shown and described.

DESCRIPTION

FIG. 1 is a front, top, and left side perspective view of a secondary batteries apparatus showing our new design; FIG. 2 is a front elevation view thereof; FIG. 3 is a back elevation view thereof; FIG. 4 is a right side elevation view thereof; FIG. 5 is a left side elevation view thereof; FIG. 6 is a top plan view thereof; and, FIG. 7 is a bottom plan view thereof.

1 Claim, 5 Drawing Sheets



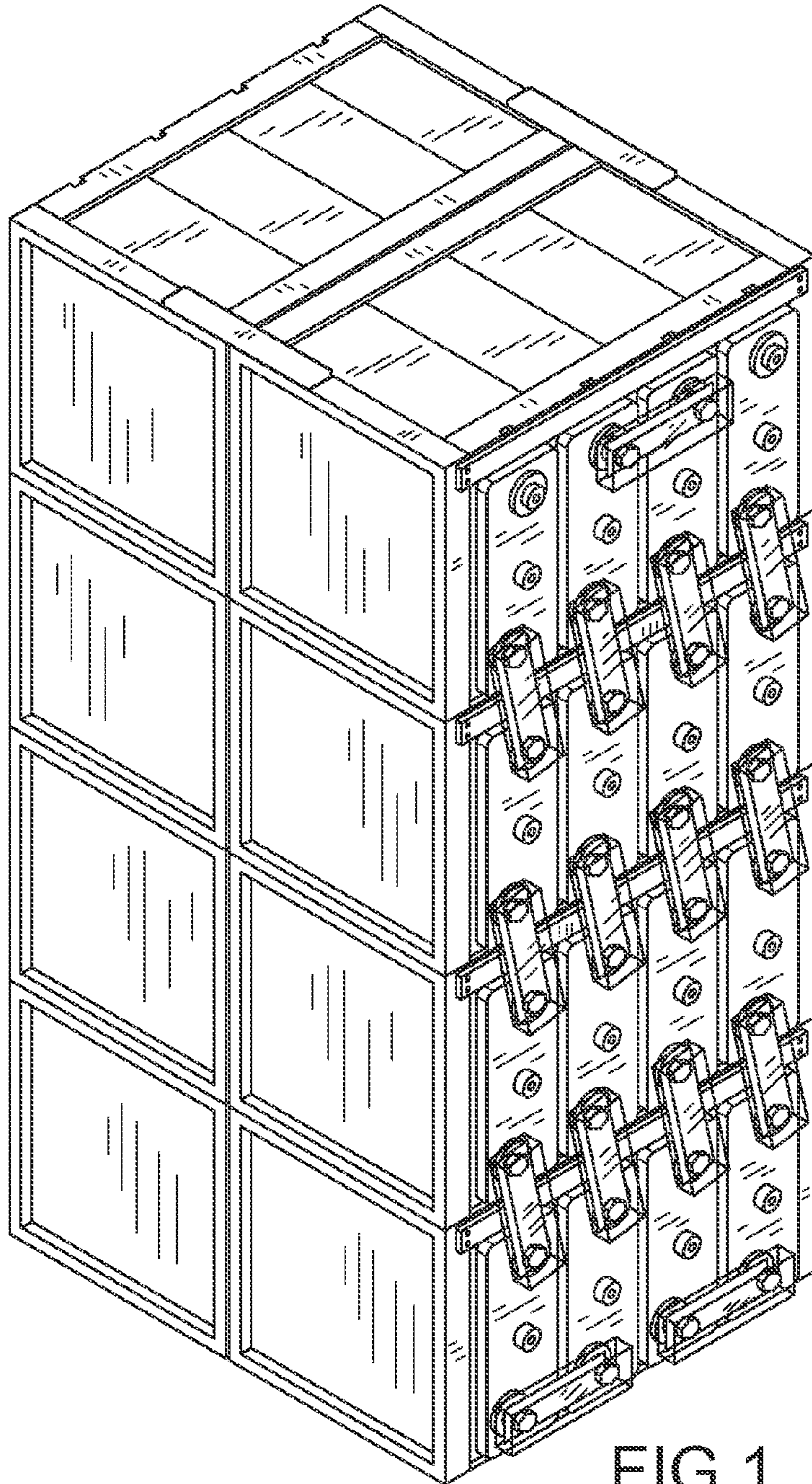


FIG. 1

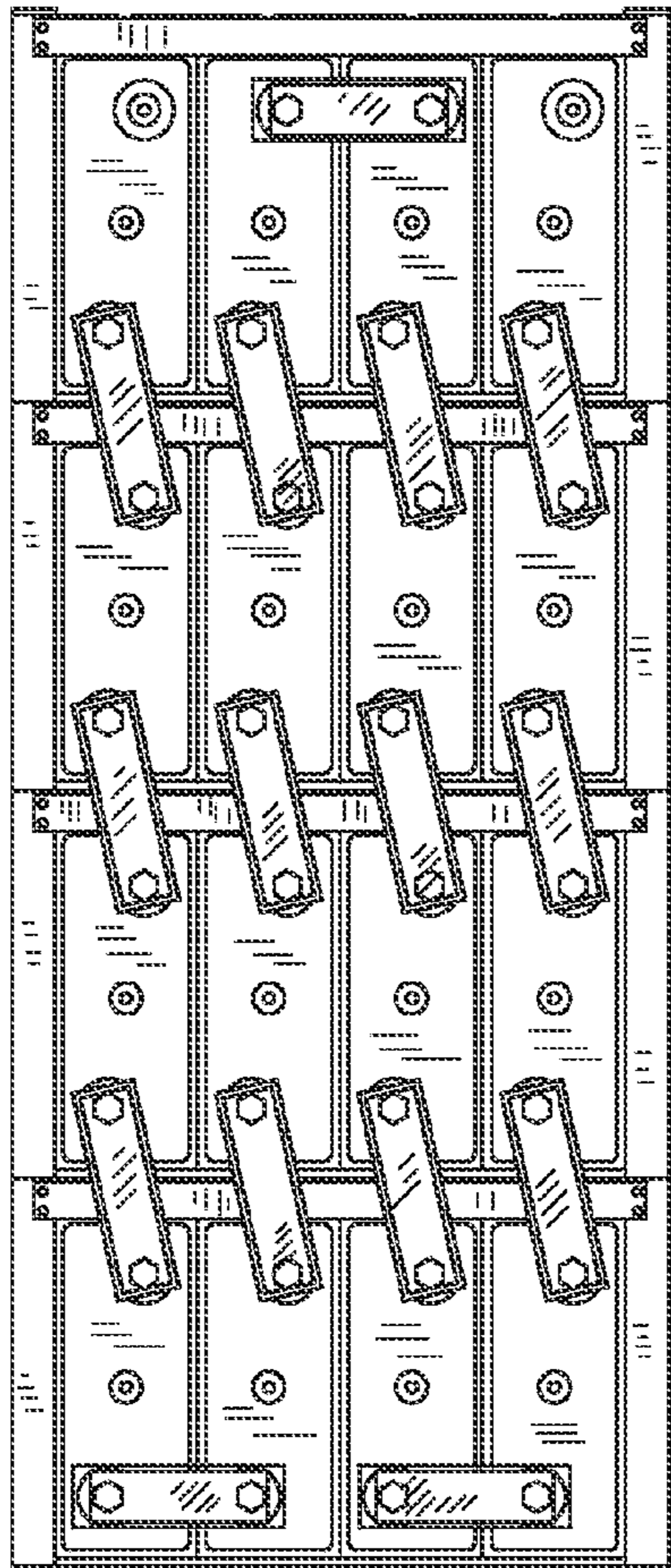


FIG. 2

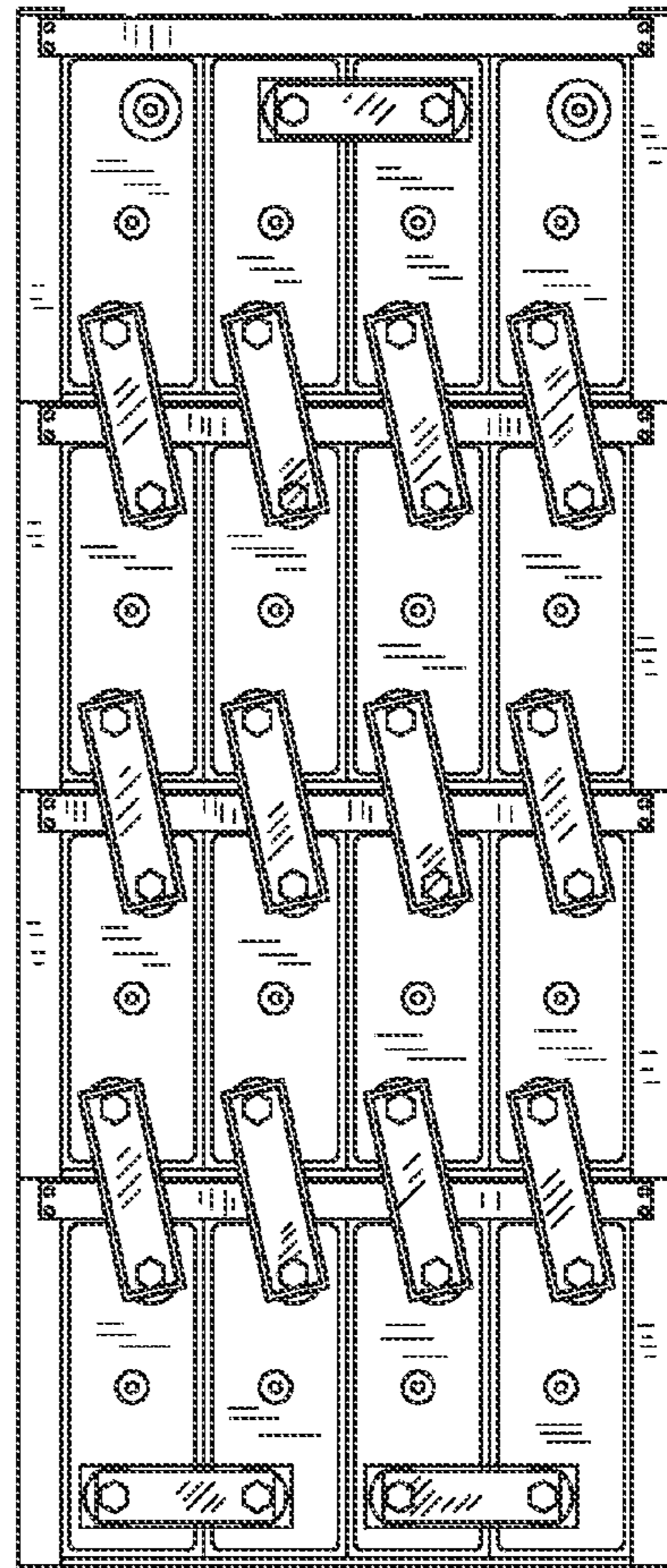


FIG. 3

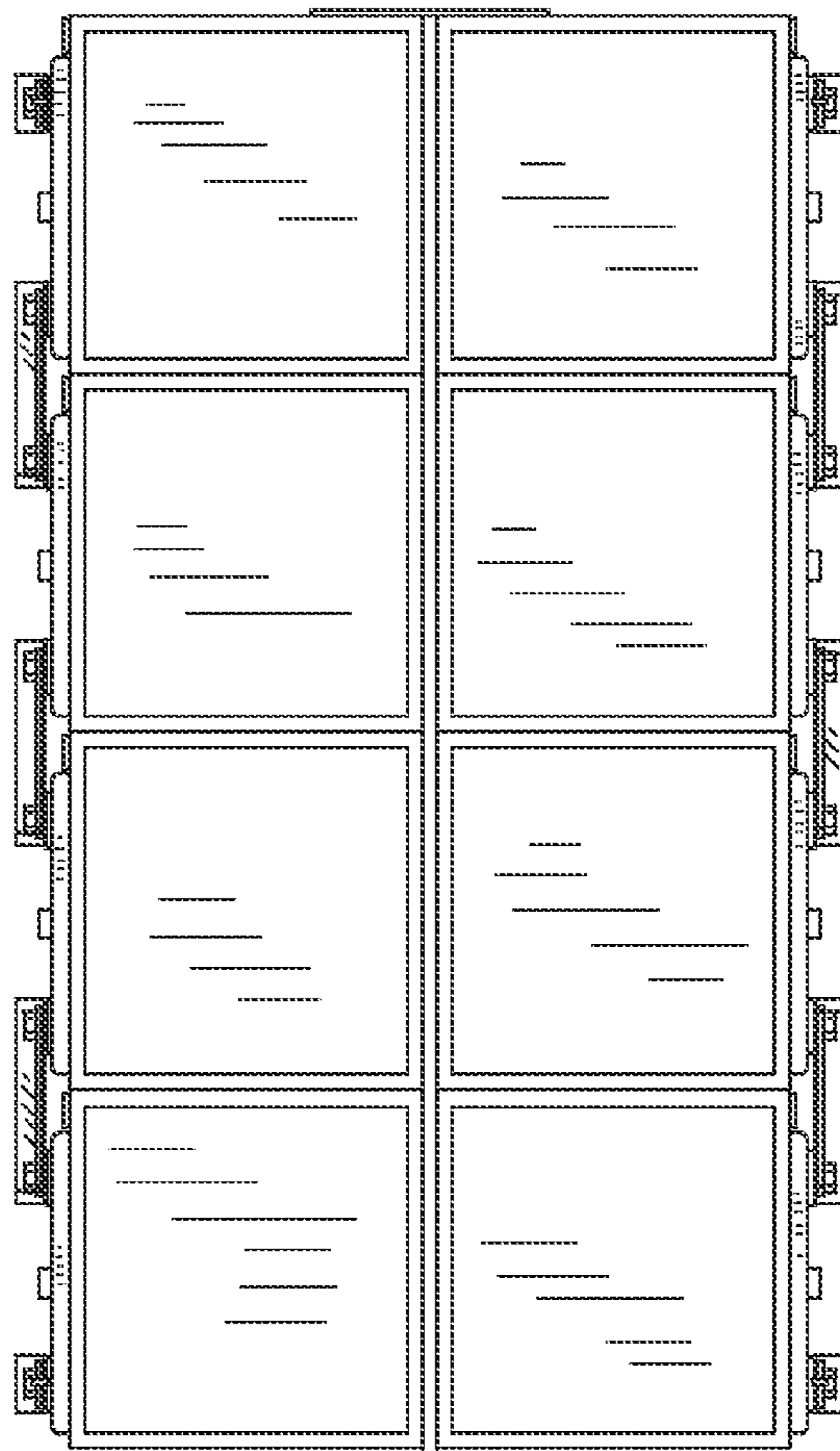


FIG.4

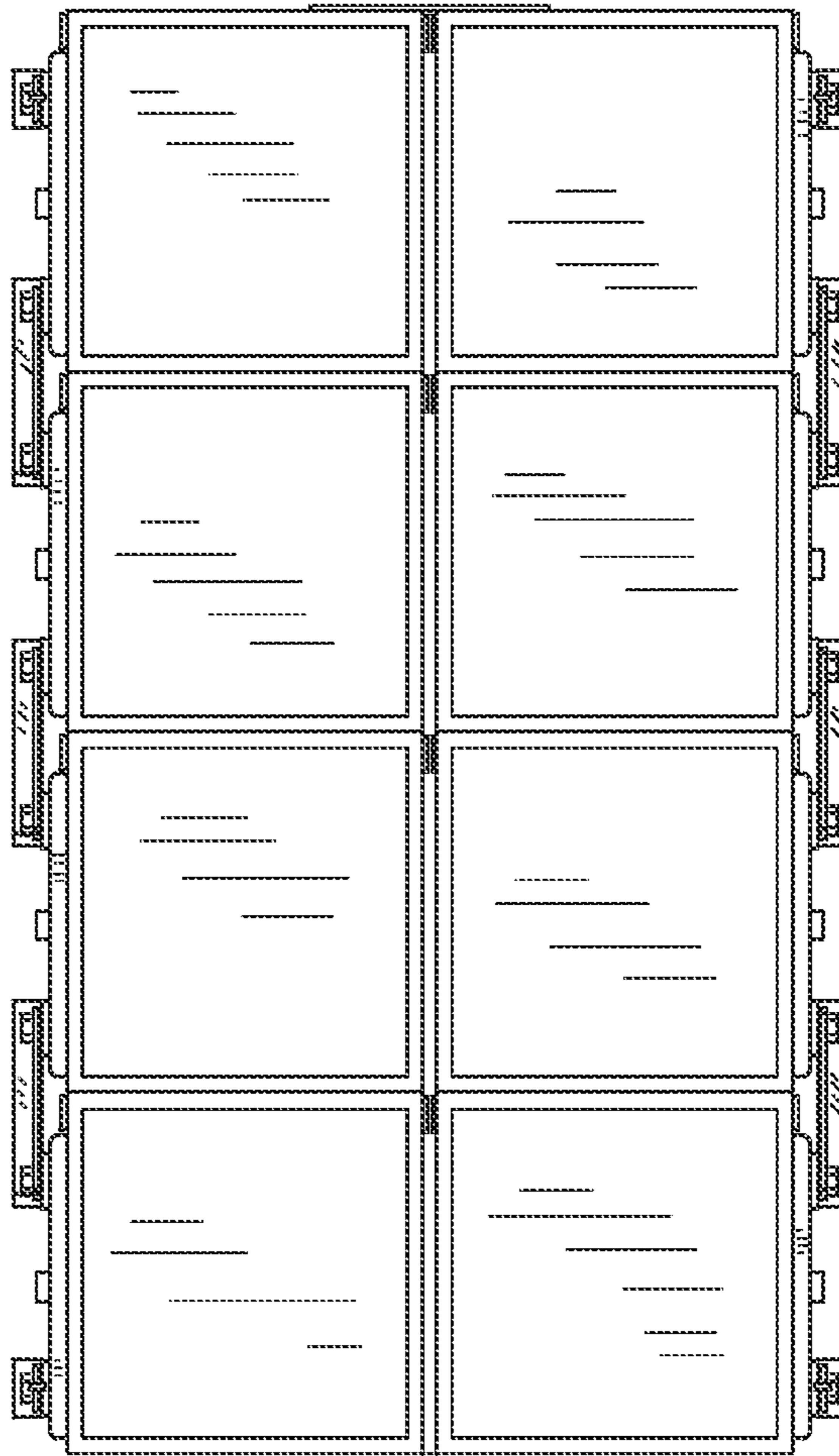


FIG.5

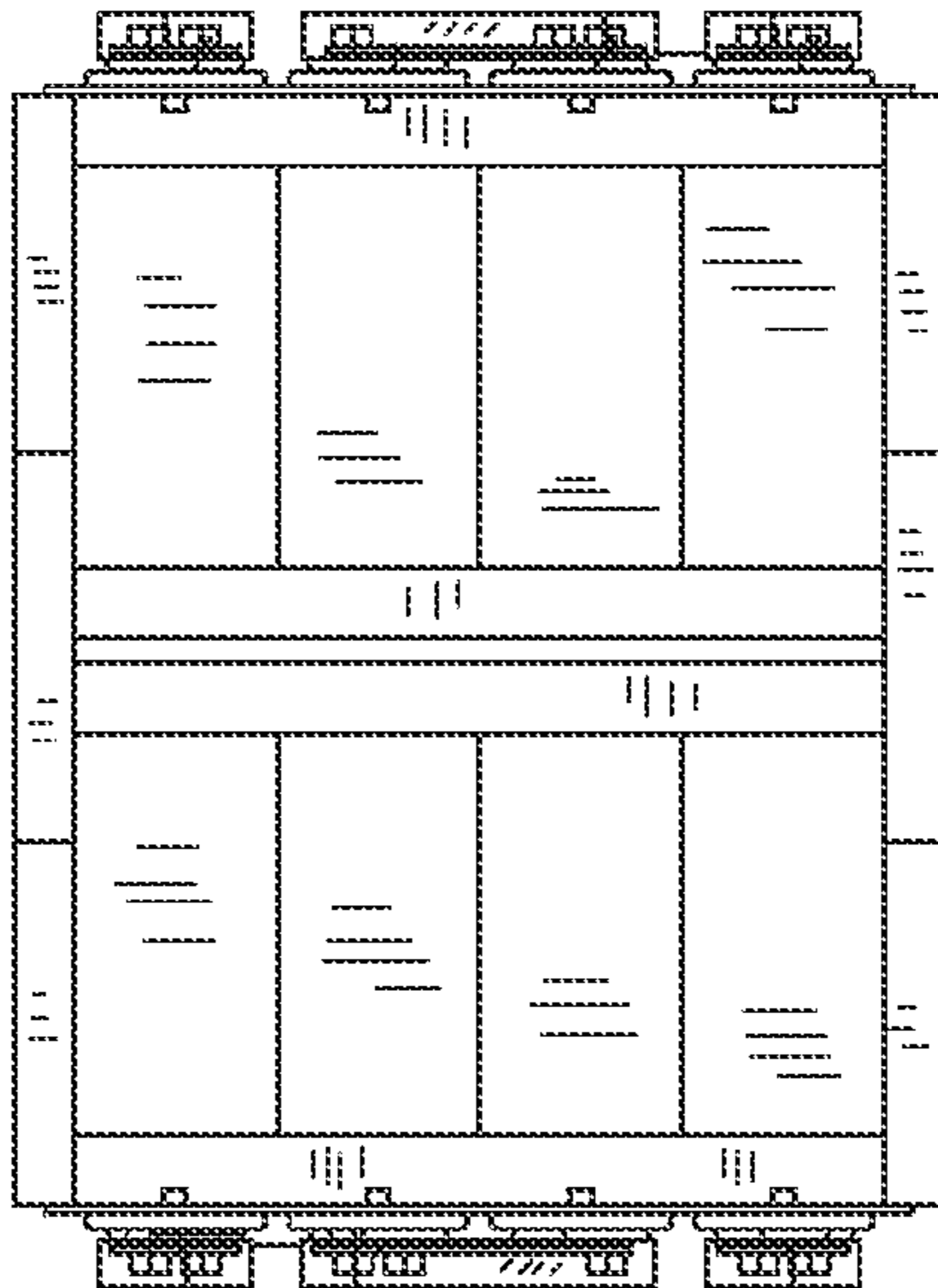


FIG. 6

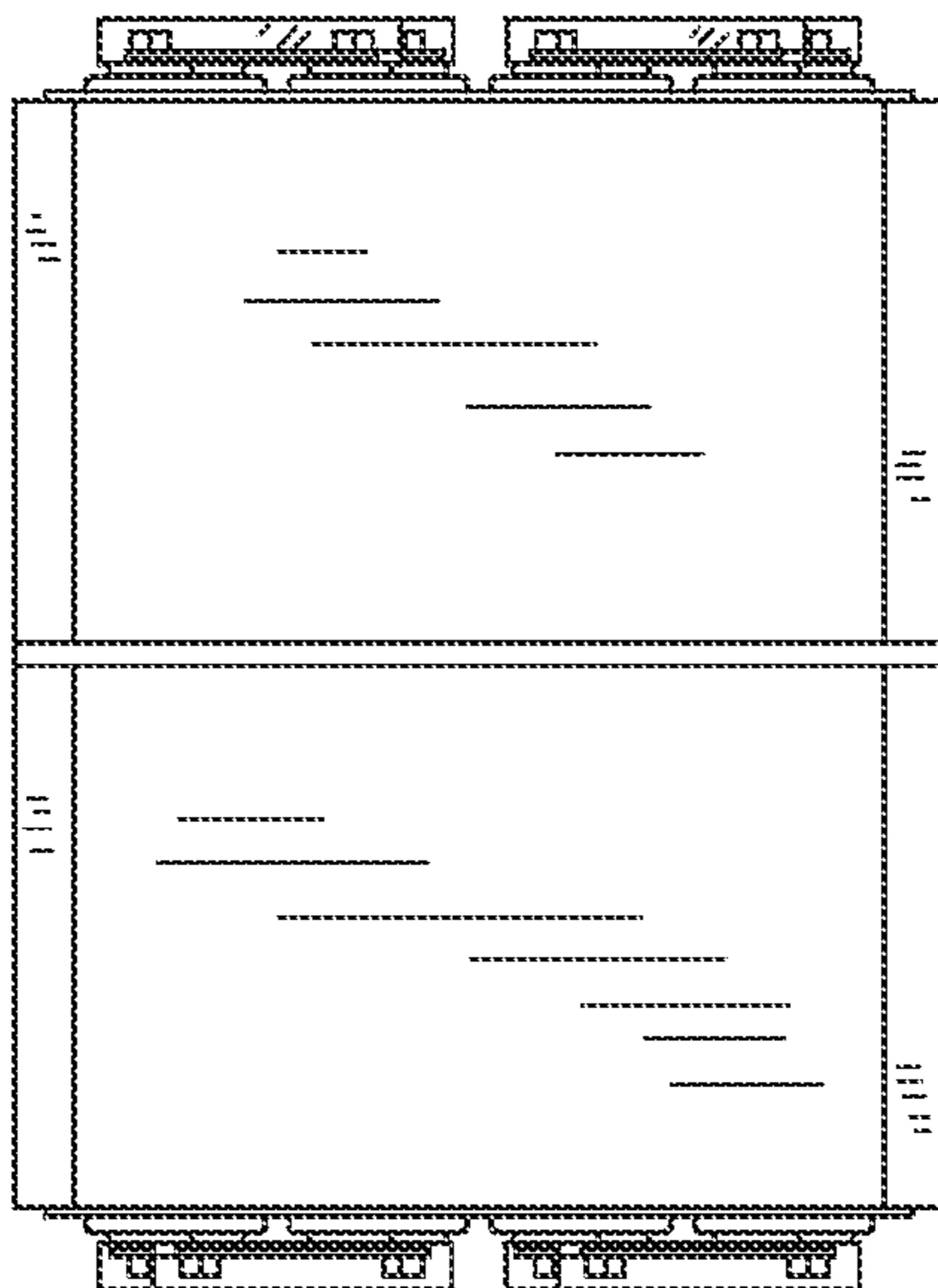


FIG. 7