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

(10) **Patent No.:** **US D733,071 S**

(45) **Date of Patent:** **** Jun. 30, 2015**

(54) **SOFTSTARTER**

(56)

References Cited

(71) Applicants: **Goran Engblom**, Vasteras (SE); **Lars X. Eriksson**, Vasteras (SE); **Torbjorn Persson**, Vasteras (SE); **Chaopeng Li**, Jiangmen (CN)

U.S. PATENT DOCUMENTS

5,493,083	A	*	2/1996	Olivier	.....	200/17 R
6,087,800	A	*	7/2000	Becker et al.	.....	318/778
D442,146	S	*	5/2001	Greenberg et al.	.....	D13/160
D468,687	S	*	1/2003	Hamada et al.	.....	D13/113
D511,502	S	*	11/2005	Kim	.....	D13/160
D561,701	S	*	2/2008	Johansson et al.	.....	D13/162
D578,489	S	*	10/2008	Johansson et al.	.....	D13/164
D647,844	S	*	11/2011	Engblom et al.	.....	D13/113
D647,845	S	*	11/2011	Engblom et al.	.....	D13/113
D647,846	S	*	11/2011	Engblom et al.	.....	D13/113
D707,636	S	*	6/2014	Besana et al.	.....	D13/160
D713,801	S	*	9/2014	Johansson	.....	D13/158
D714,733	S	*	10/2014	Johansson	.....	D13/158

(72) Inventors: **Goran Engblom**, Vasteras (SE); **Lars X. Eriksson**, Vasteras (SE); **Torbjorn Persson**, Vasteras (SE); **Chaopeng Li**, Jiangmen (CN)

(73) Assignee: **ABB TECHNOLOGY LTD** (CH)

* cited by examiner

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

Primary Examiner — Thomas Johannes

Assistant Examiner — Shawn T Gingrich

(21) Appl. No.: **29/499,572**

(74) *Attorney, Agent, or Firm* — Whitmyer IP Group LLC

(22) Filed: **Aug. 15, 2014**

(57) **CLAIM**

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

(30) **Foreign Application Priority Data**

Feb. 17, 2014 (EM) 002406132

DESCRIPTION

(51) **LOC (10) Cl.** **13-03**

FIG. 1 is a front right side isometric view of a softstarter in accordance with the new design;

(52) **U.S. Cl.**

FIG. 2 is a front elevation view thereof;

USPC **D13/158**

FIG. 3 is a rear elevation view thereof;

(58) **Field of Classification Search**

USPC D13/110, 113, 126, 158-160, 162, 164, D13/184, 199; 318/445, 778; 361/160, 211, 361/676, 814

FIG. 4 is a top plan view thereof;

FIG. 5 is a bottom plan view thereof;

CPC H02P 1/00; H02P 1/18; H02P 1/26; H02P 1/42; H01H 9/02; H02B 1/26; H05K 5/00

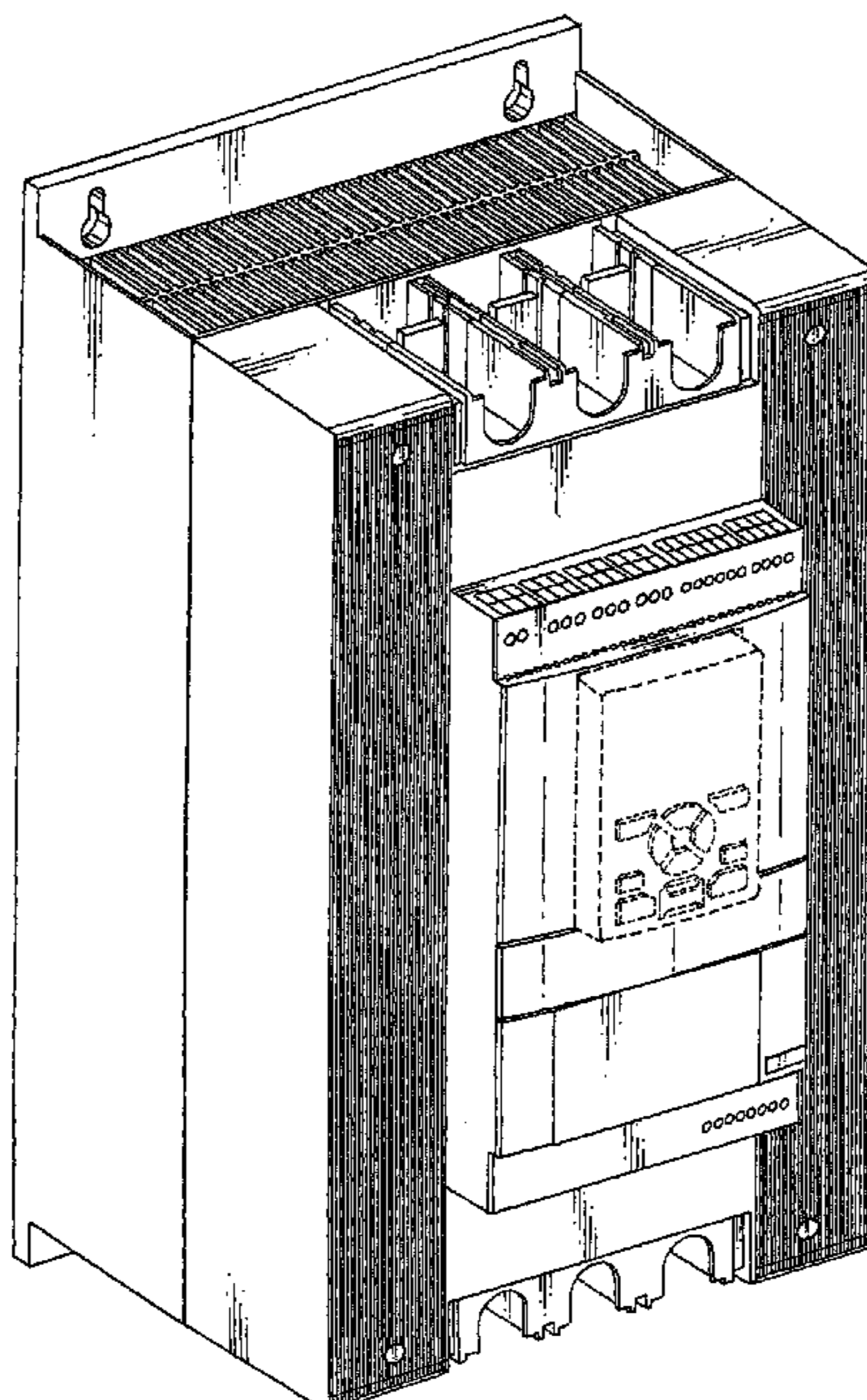
FIG. 6 is a right side elevation view thereof; and,

FIG. 7 is a left side elevation view thereof.

The broken lines shown in FIGS. 1-7 are for the purpose of illustrating unclaimed portions of the softstarter that form no part of the claimed design.

See application file for complete search history.

1 Claim, 7 Drawing Sheets



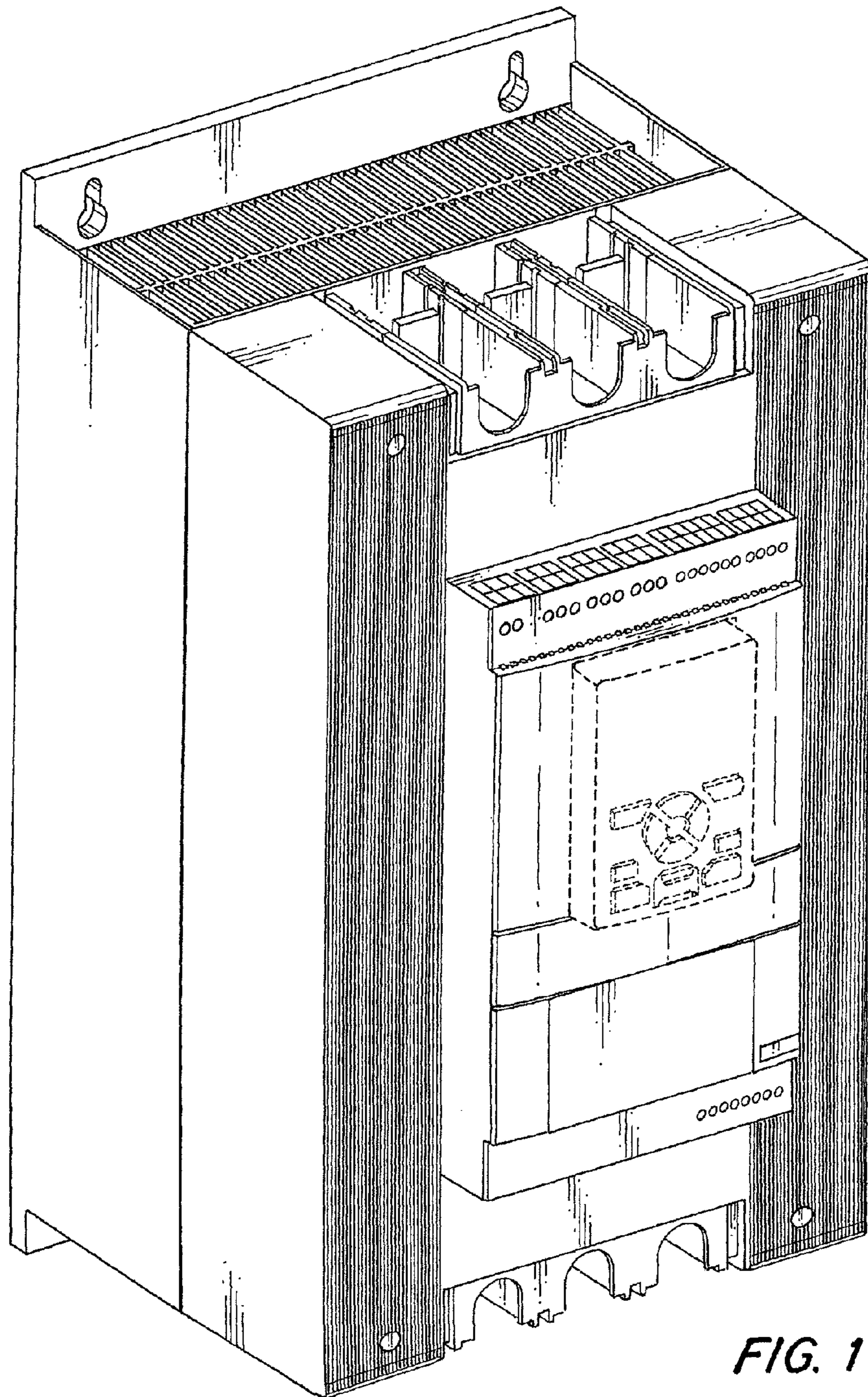


FIG. 1

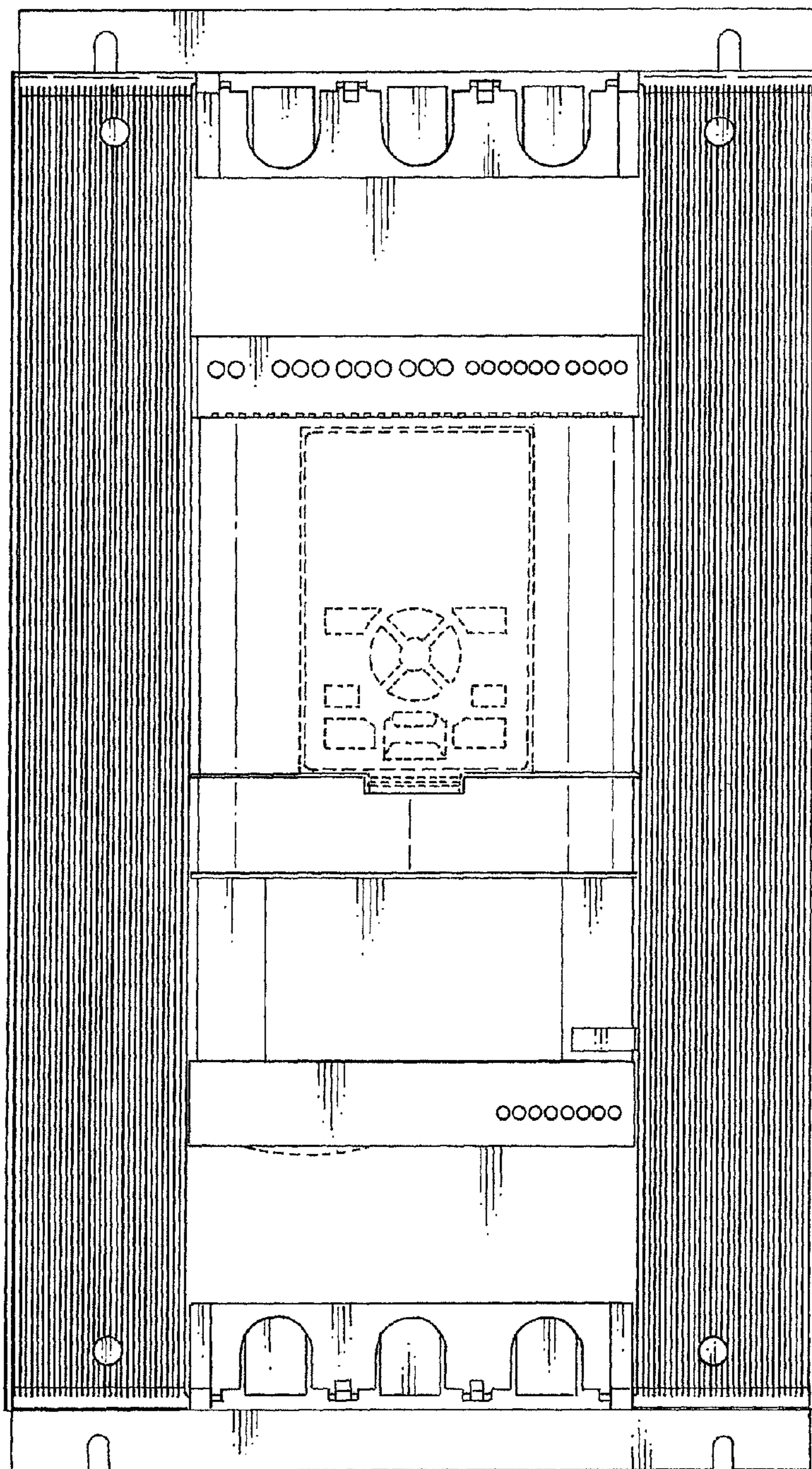


FIG. 2

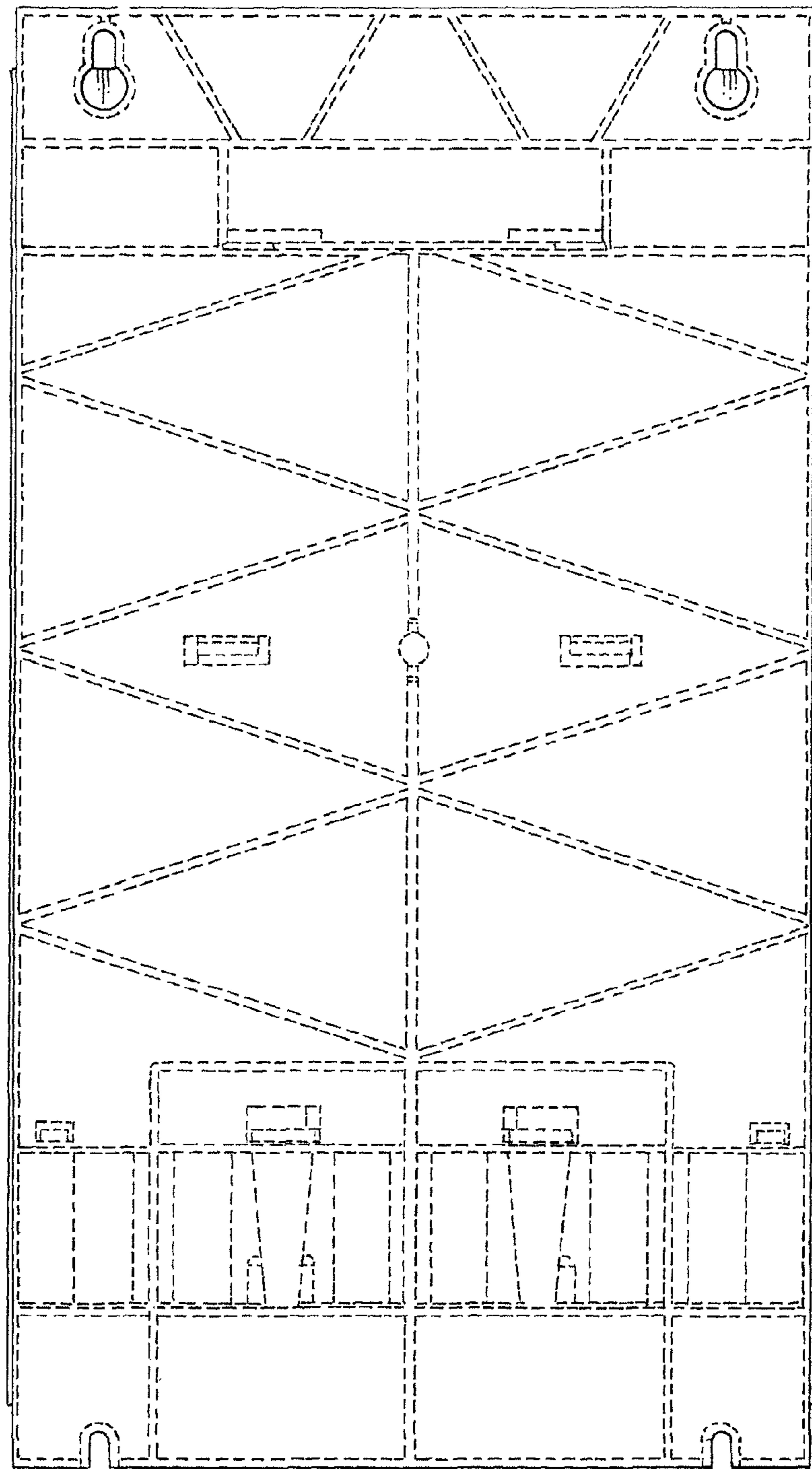


FIG. 3

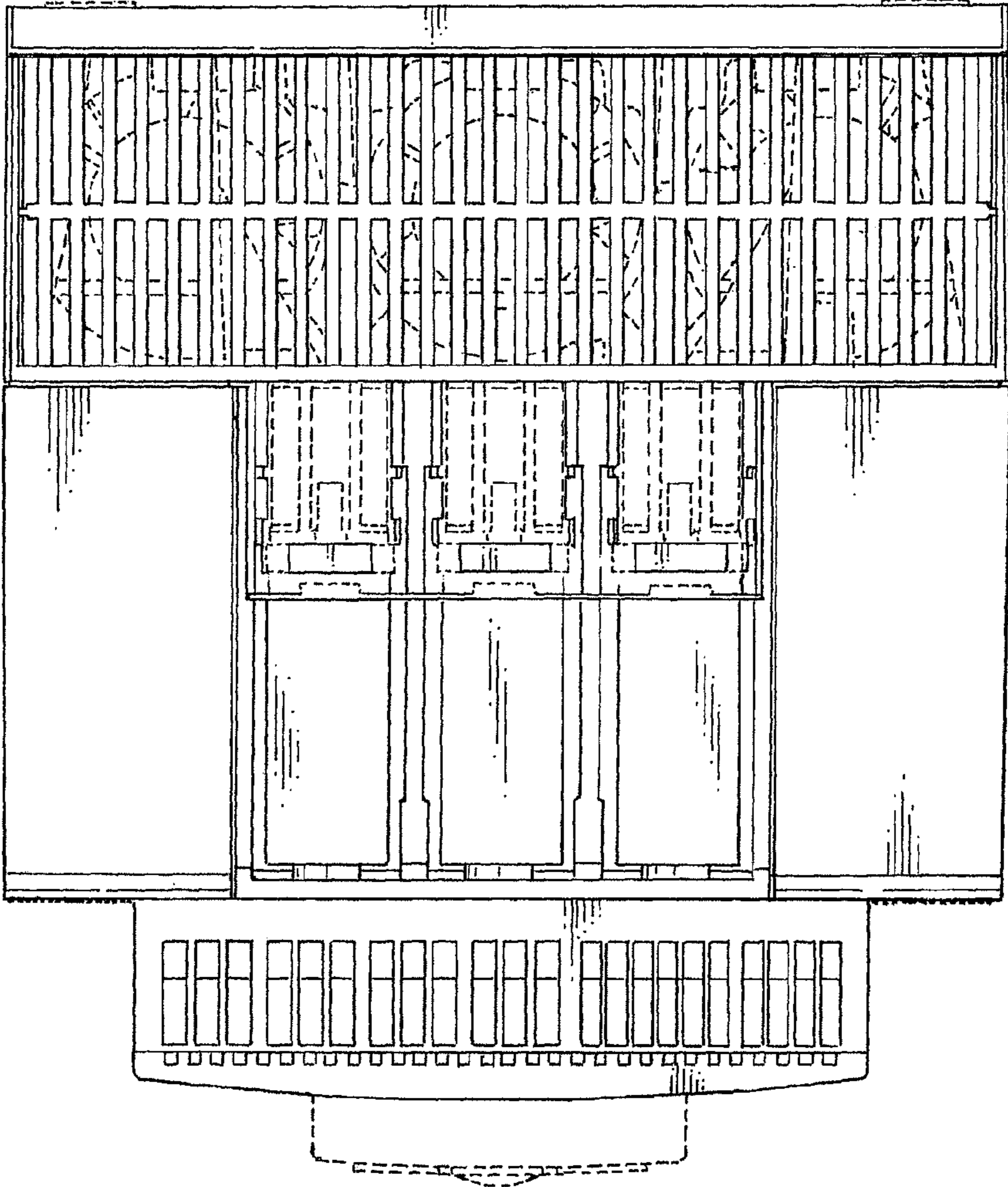


FIG. 4

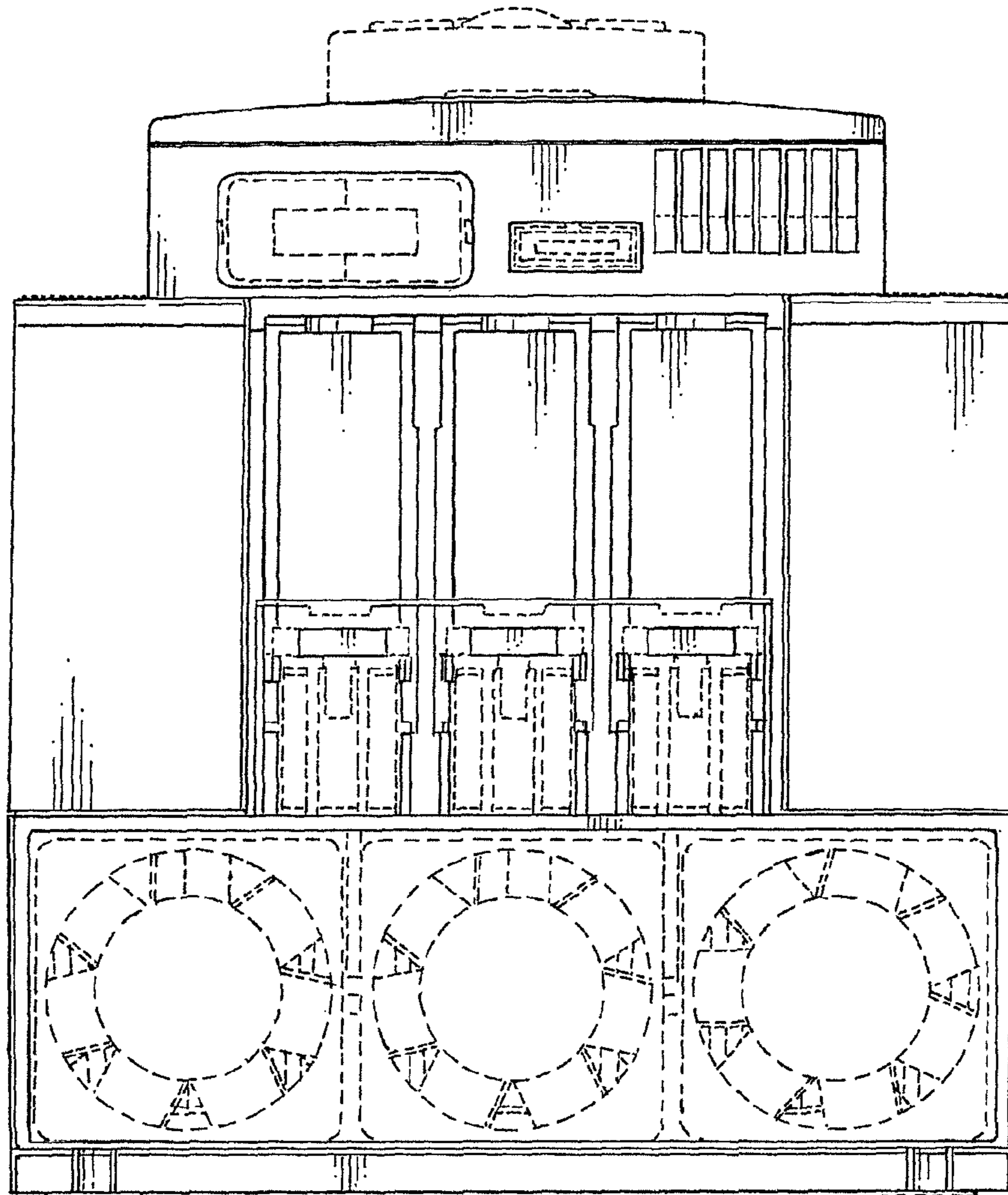


FIG. 5

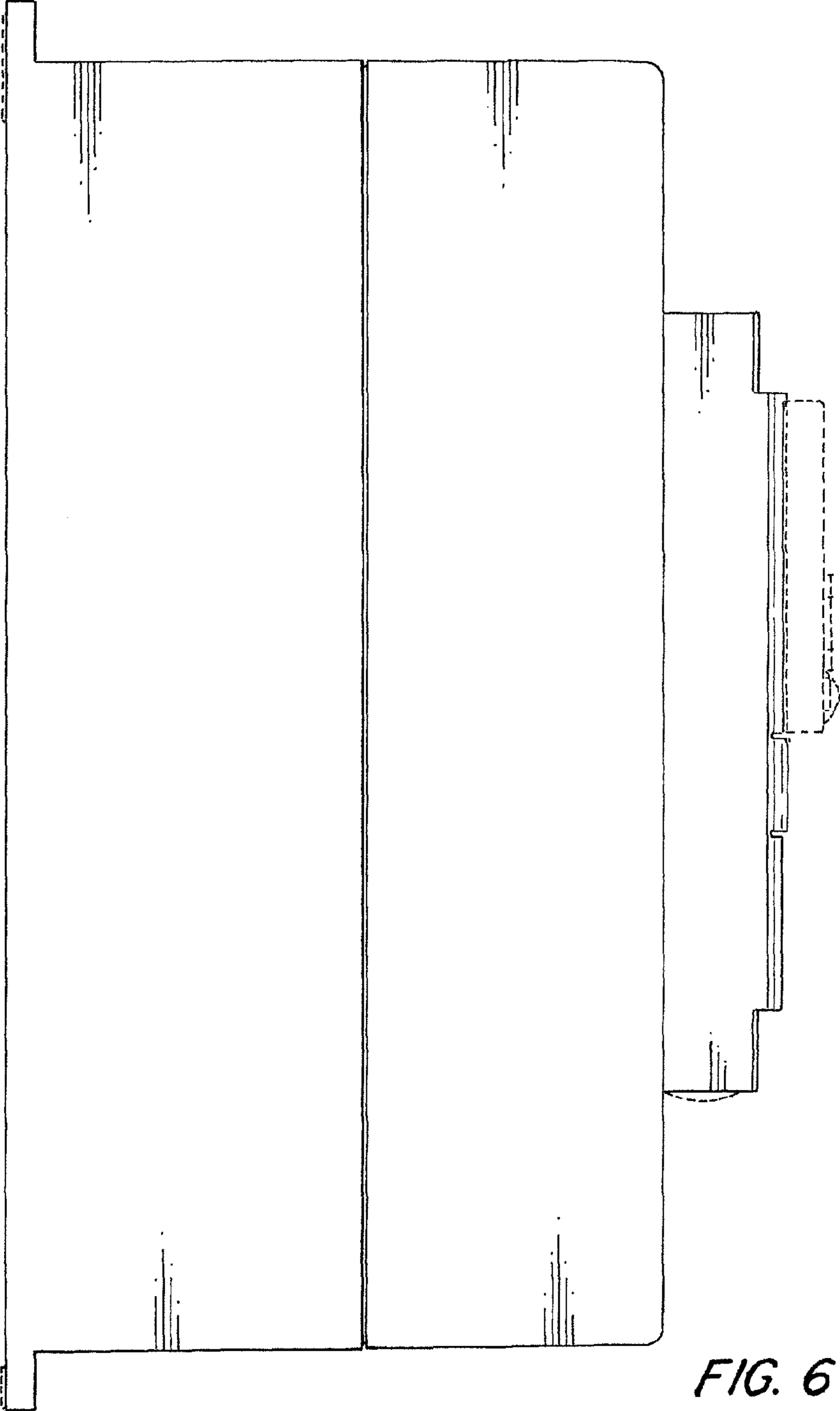


FIG. 6

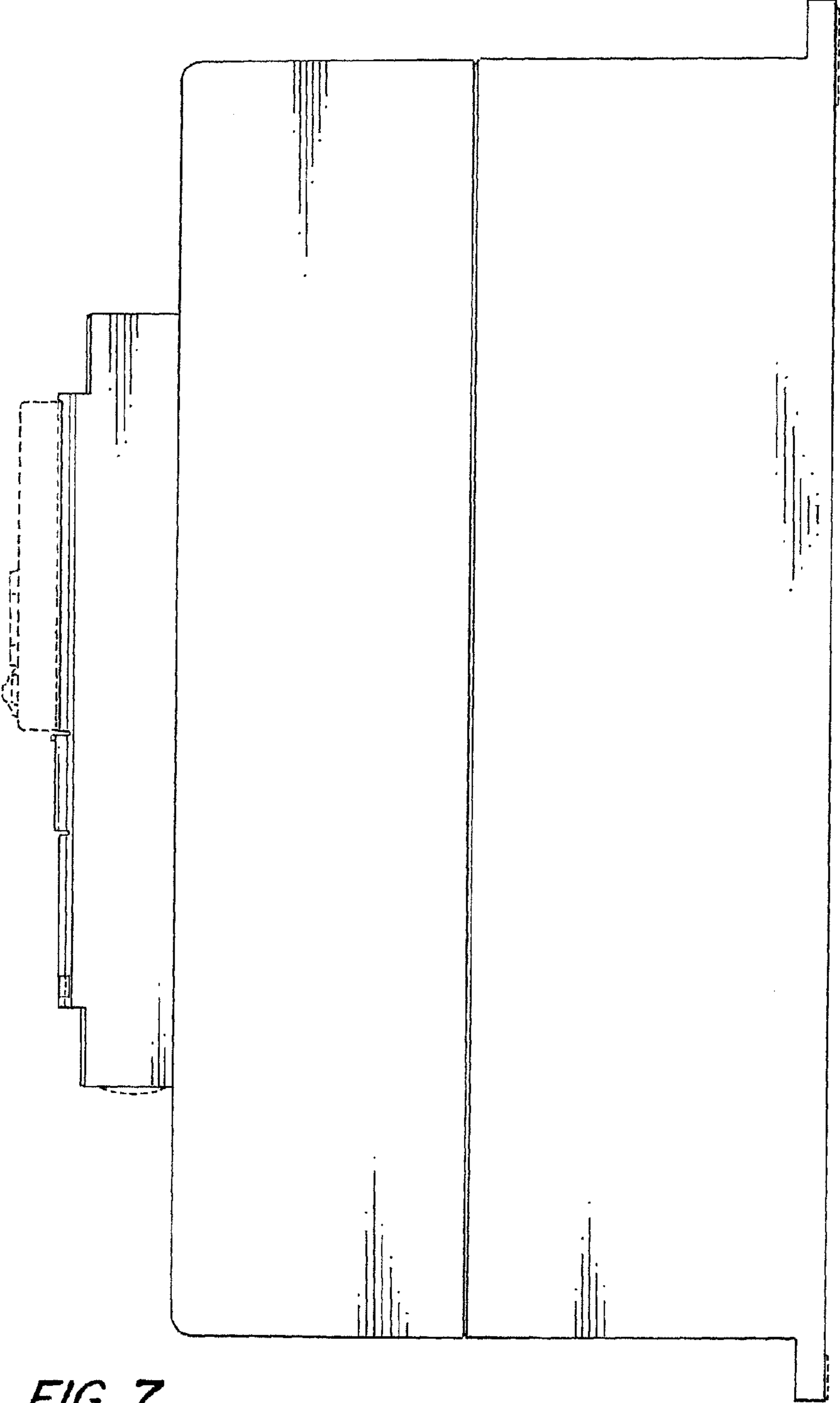


FIG. 7