



US00D778843S

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

(10) **Patent No.:** **US D778,843 S**

(45) **Date of Patent:** **** Feb. 14, 2017**

(54) **SOFTSTARTER**

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(**) Term: **15 Years**

(21) Appl. No.: **29/546,920**

(22) Filed: **Nov. 27, 2015**

(30) **Foreign Application Priority Data**

May 28, 2015 (EM) 002708990-0001

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

(52) **U.S. Cl.**
USPC **D13/162**

(58) **Field of Classification Search**

USPC D15/5; D13/125, 158-177, 182, 184,
D13/113, 101, 110, 122, 123, 199
CPC H02P 1/16; H02P 1/00; H02P 1/18;
H02P 1/26; H02P 1/42; H05K
7/1432; H05K 5/00; H01H 9/02; H02B
1/26

See application file for complete search history.

(56) **References Cited**

U.S. PATENT DOCUMENTS

5,493,083 A 2/1996 Olivier
6,087,800 A 7/2000 Becker et al.
D442,146 S 5/2001 Greenberg et al.

D468,687 S 1/2003 Hamada et al.
D511,502 S 11/2005 Kim
D561,701 S 2/2008 Johansson et al.
D578,489 S 10/2008 Johansson et al.
D593,040 S * 5/2009 Frassinetti D13/160
D599,301 S * 9/2009 Azzola D13/160
D647,844 S 11/2011 Engblom et al.
D647,845 S 11/2011 Engblom et al.
D647,846 S 11/2011 Engblom et al.
D682,207 S * 5/2013 Nakahira D13/110
D707,636 S 6/2014 Besana et al.
D713,801 S 9/2014 Johansson
D714,733 S 10/2014 Johansson
D733,070 S * 6/2015 Engblom D13/158
D733,071 S * 6/2015 Engblom D13/158
D752,524 S * 3/2016 Azzola D13/160

* cited by examiner

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(57) **CLAIM**

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

DESCRIPTION

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

FIG. 2 is a front side elevational view thereof;

FIG. 3 is a rear side elevational view thereof;

FIG. 4 is a left side elevational view thereof;

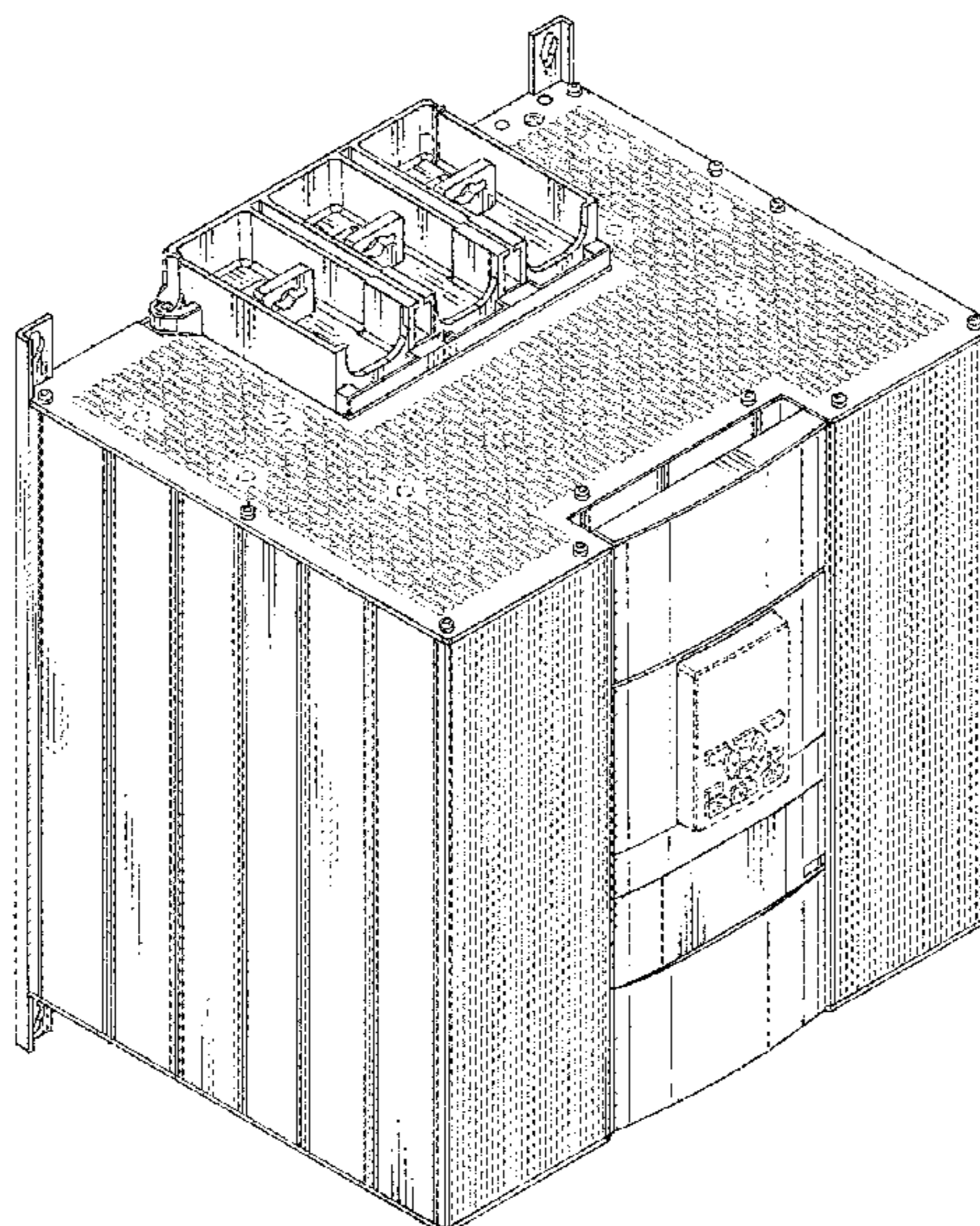
FIG. 5 is a right side elevational view thereof;

FIG. 6 is a top plan view thereof; and,

FIG. 7 is a bottom plan view thereof.

The broken lines shown in the drawings are for the purpose of illustrating portions of the article that form no part of the claimed design.

1 Claim, 7 Drawing Sheets



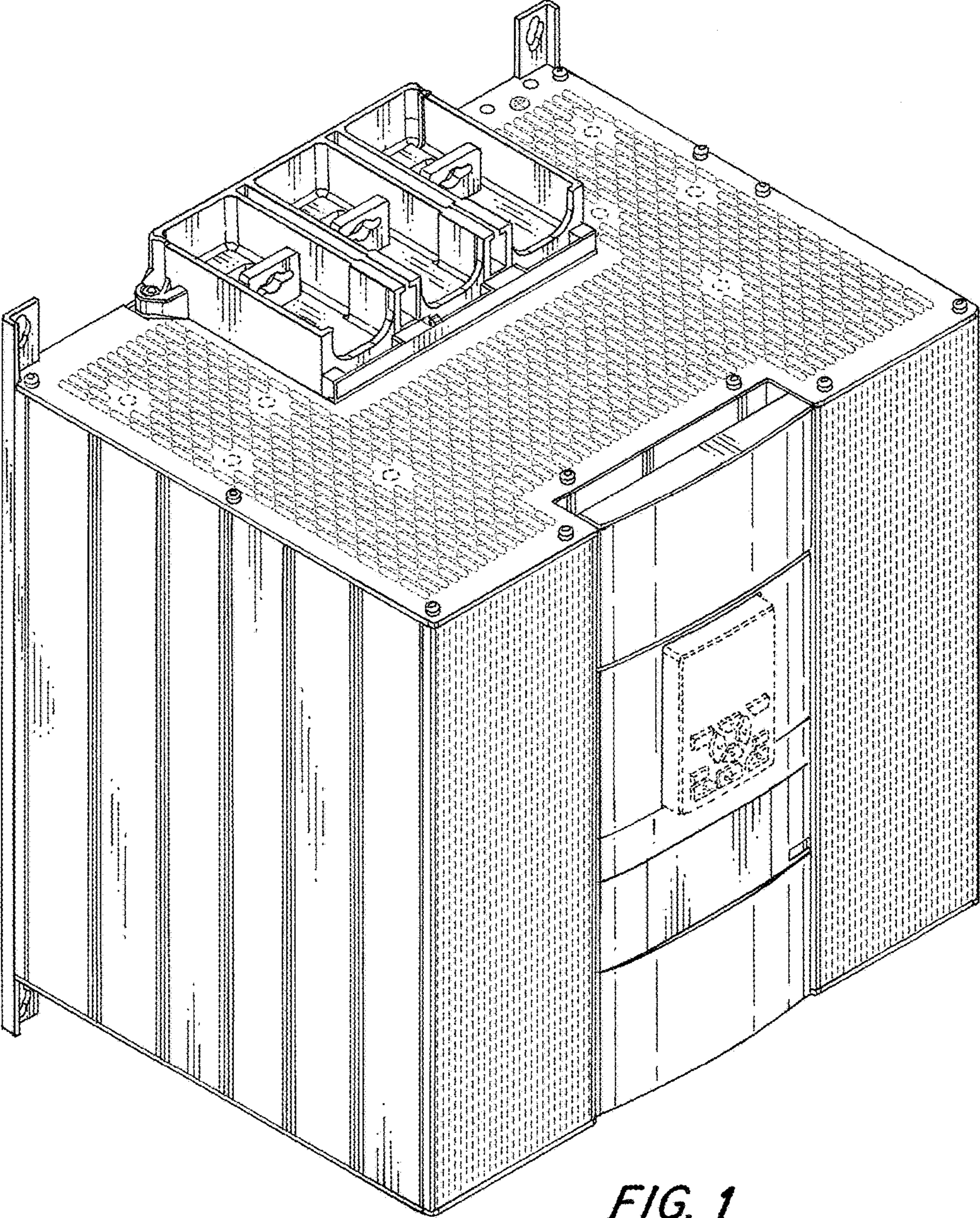


FIG. 1

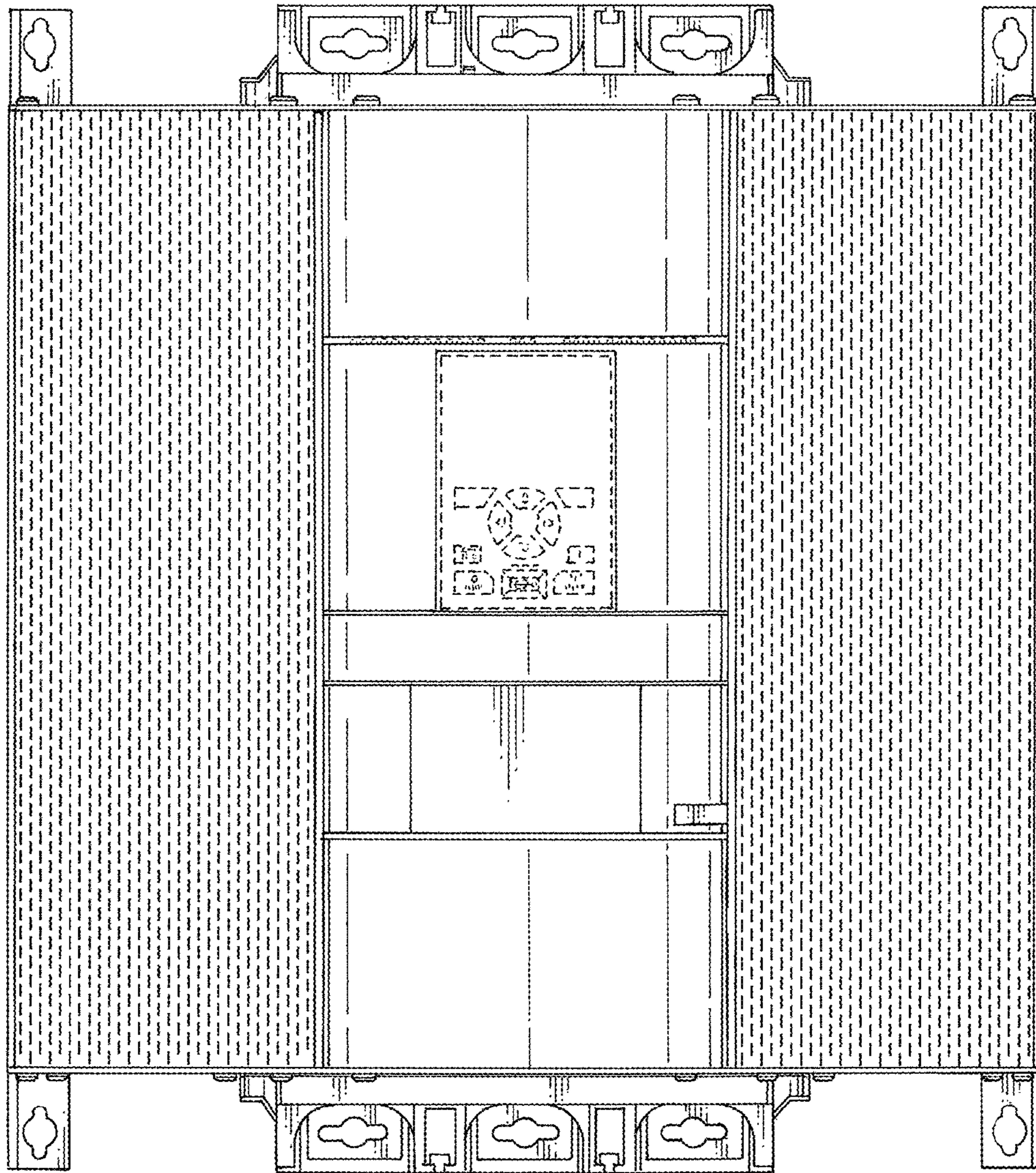


FIG. 2

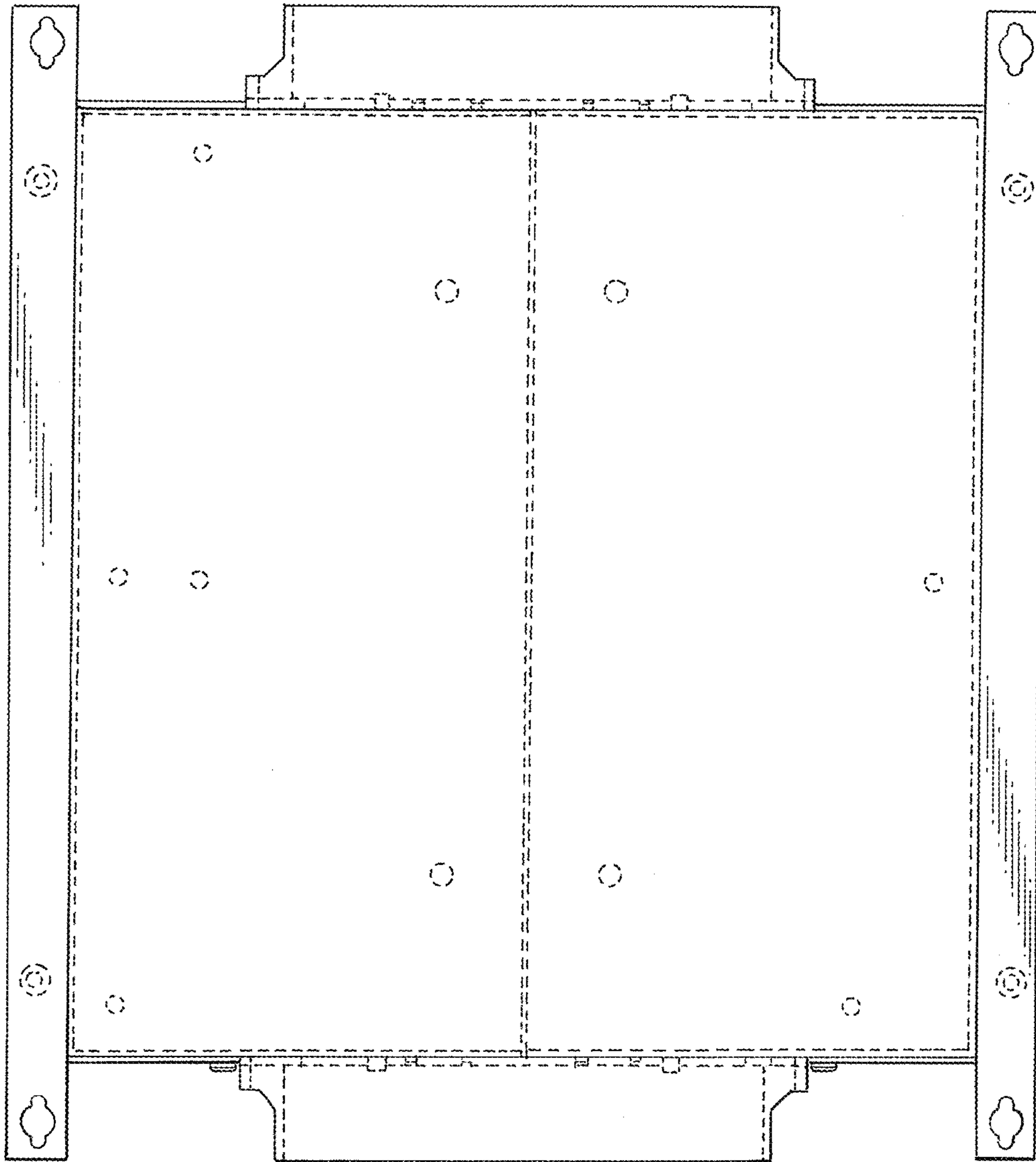


FIG. 3

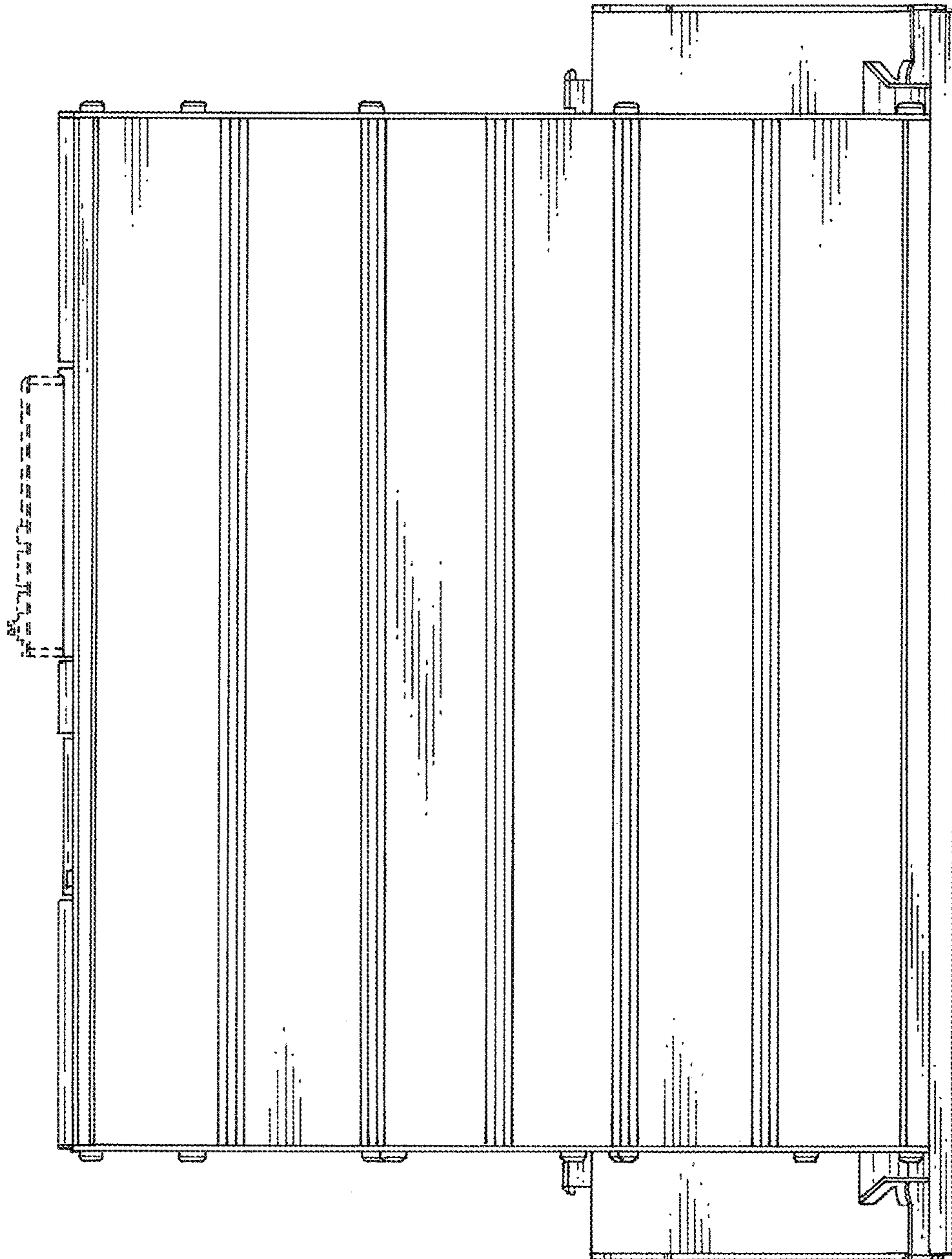


FIG. 4

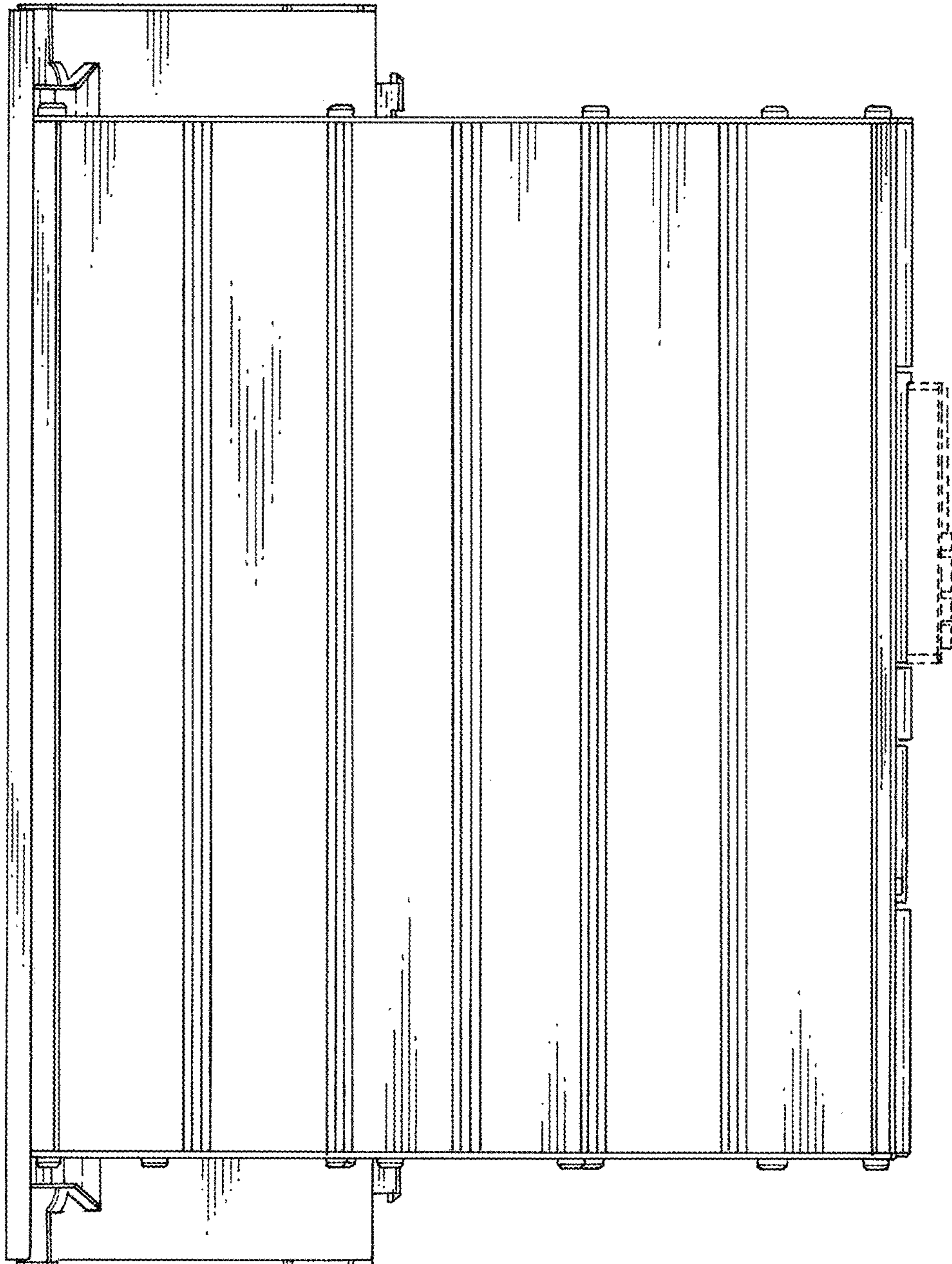


FIG. 5

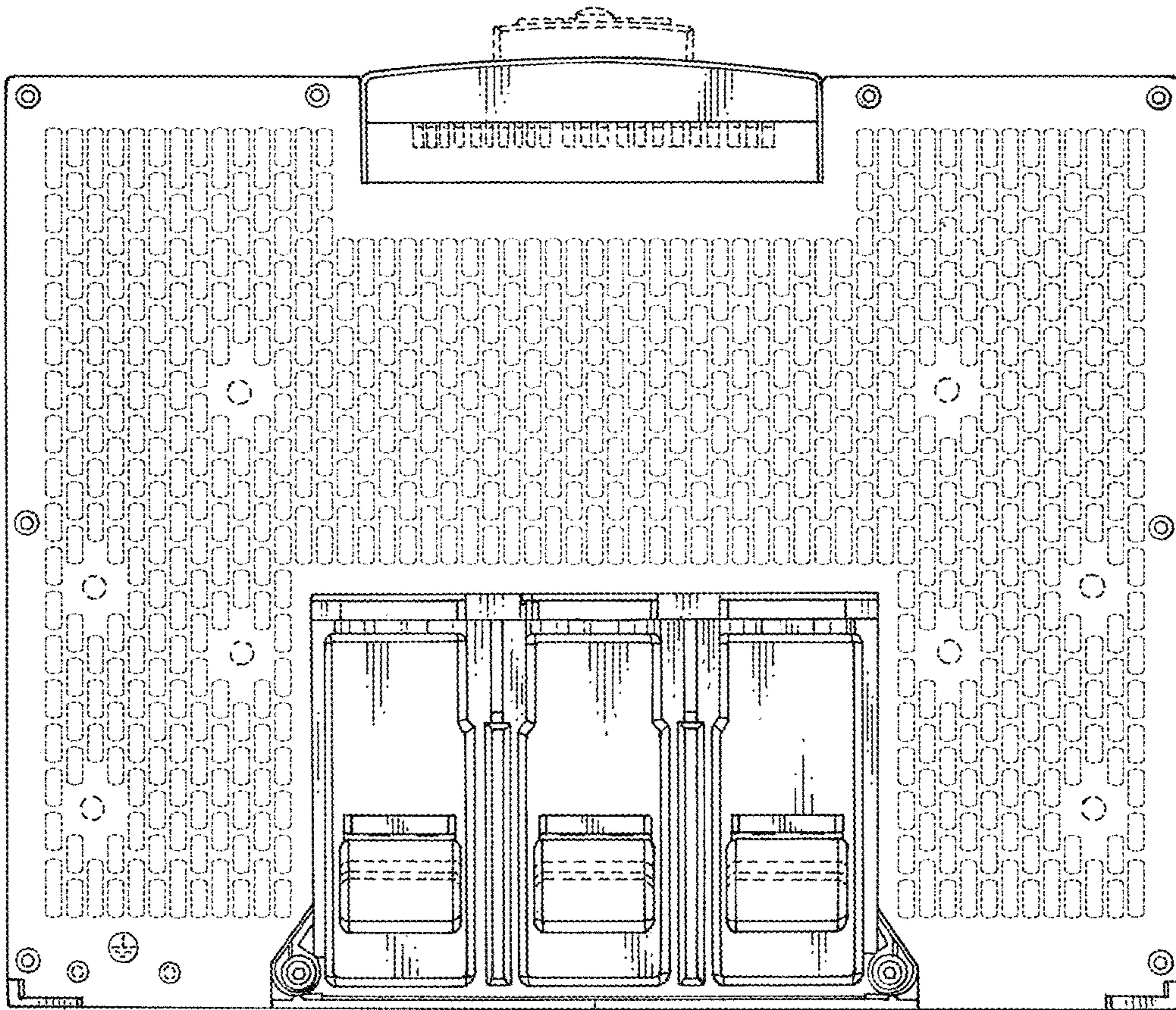


FIG. 6

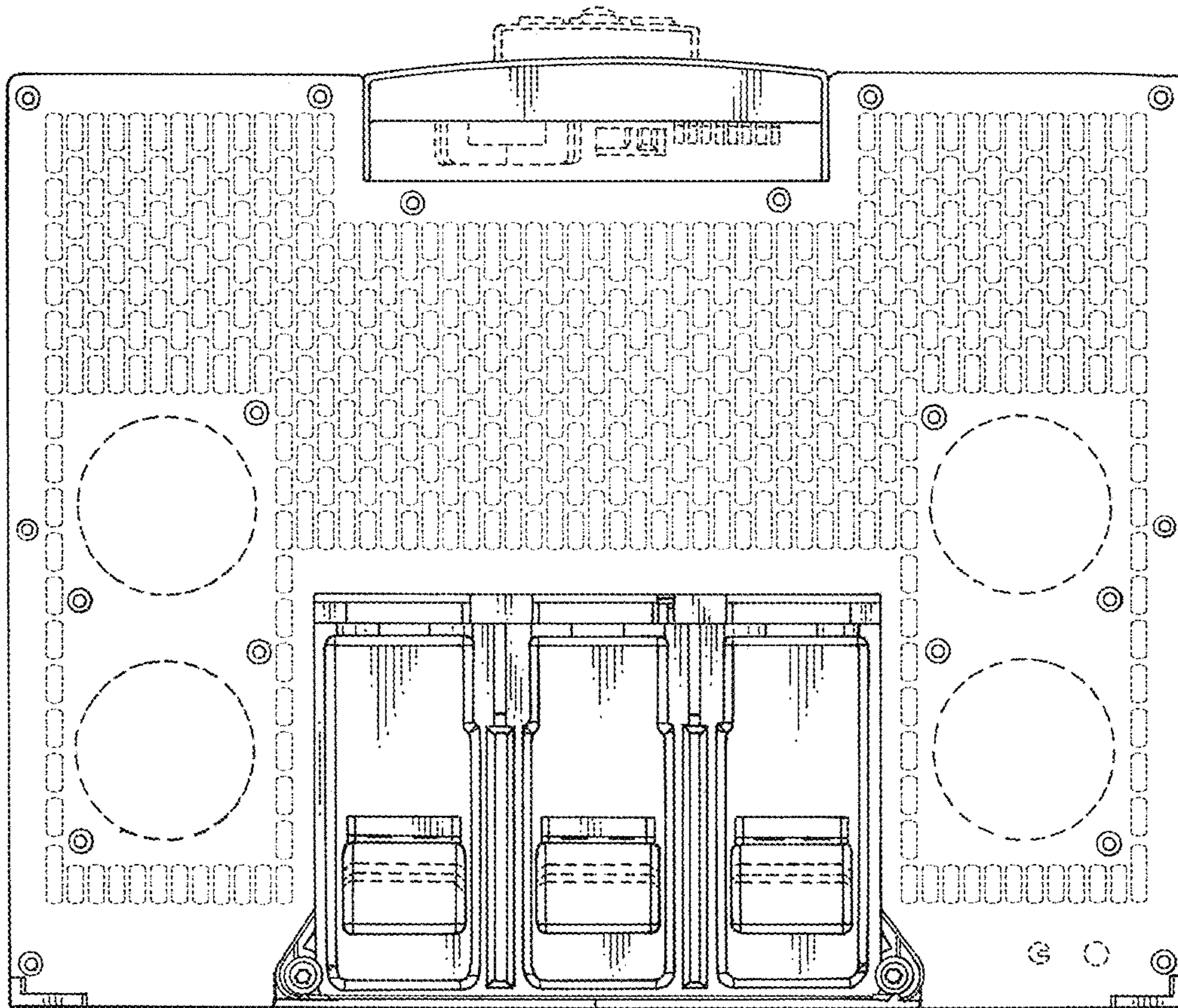


FIG. 7