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(12) **United States Design Patent** (10) **Patent No.:** **US D813,173 S**
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(54) **SOFTSTARTER**
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(**) Term: **15 Years**
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(30) **Foreign Application Priority Data**

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
D633,441 S * 3/2011 Ishimaru D13/110
D647,844 S 11/2011 Engblom et al.
D647,845 S 11/2011 Engblom et al.
D647,846 S 11/2011 Engblom et al.
D705,728 S * 5/2014 Choi D13/110
D707,636 S 6/2014 Besana et al.
D713,801 S 9/2014 Johansson
D714,733 S 10/2014 Johansson
D733,069 S * 6/2015 Engblom D13/158
D733,070 S * 6/2015 Engblom D13/158
D733,071 S * 6/2015 Engblom D13/158
D752,524 S * 3/2016 Azzola D13/160
D755,131 S * 5/2016 Azzola D13/160

(Continued)

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(51) **LOC (11) Cl.** **13-03**
(52) **U.S. Cl.**
USPC **D13/158**
(58) **Field of Classification Search**
USPC D13/110, 118, 123, 158-160, 162, 162.1,
D13/173, 184, 199
CPC H02P 1/00; H02P 1/04; H02P 1/16; H02P
1/18; H02P 1/26; H02P 1/28; H02P 1/42;
H02P 7/00; H05K 7/1432; H05K 5/00;
H01H 9/02; H01H 9/00; H01H 50/00;
H01H 50/02; H01H 50/54; H01H 51/06;
H01H 51/22; H01H 67/02; H01H 57/00;
H02B 1/26; H01R 12/00; H01R 13/00;
H01R 13/66; H01R 13/70; H01R 25/00
See application file for complete search history.

Primary Examiner — Thomas Johannes
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(57) **CLAIM**

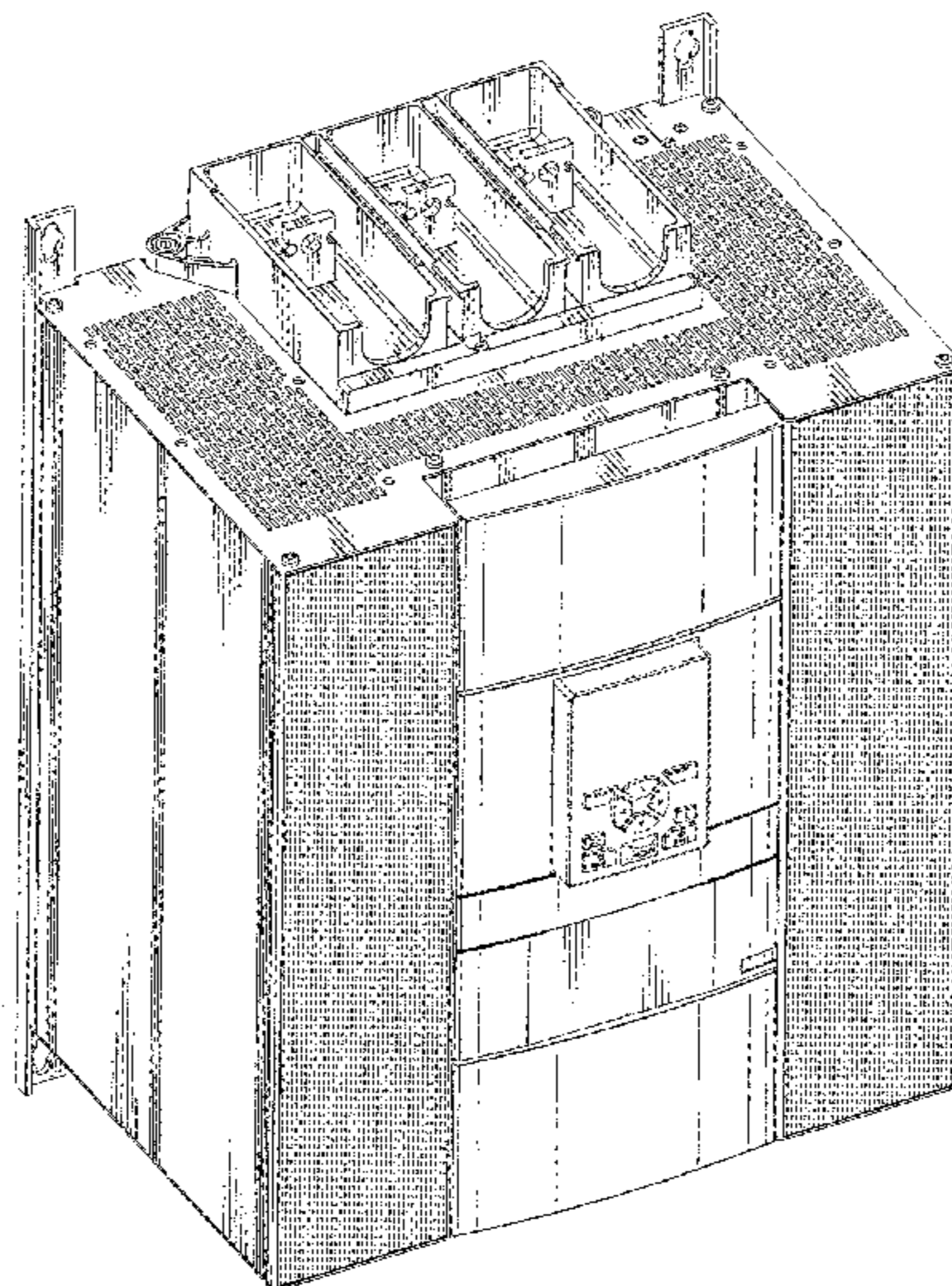
The ornamental design for a softstarter, as shown and described.

DESCRIPTION

FIG. 1 is a front right side isometric view of a softstarter in accordance with the new design;
FIG. 2 is a front elevational view thereof;
FIG. 3 is a rear elevational view thereof;
FIG. 4 is a left side elevational view thereof; and
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 line portion of the figure drawings is included to show portions of the article that form no part of the claimed design.

(56) **References Cited**
U.S. PATENT DOCUMENTS
D358,753 S * 5/1995 Yoshida D13/123
5,493,083 A 2/1996 Olivier

1 Claim, 7 Drawing Sheets



(56)

References Cited

U.S. PATENT DOCUMENTS

D778,843 S * 2/2017 Gronqvist D13/162
D789,895 S * 6/2017 Azzola D13/160
2015/0349673 A1* 12/2015 Wu H02P 6/182
318/779

* cited by examiner

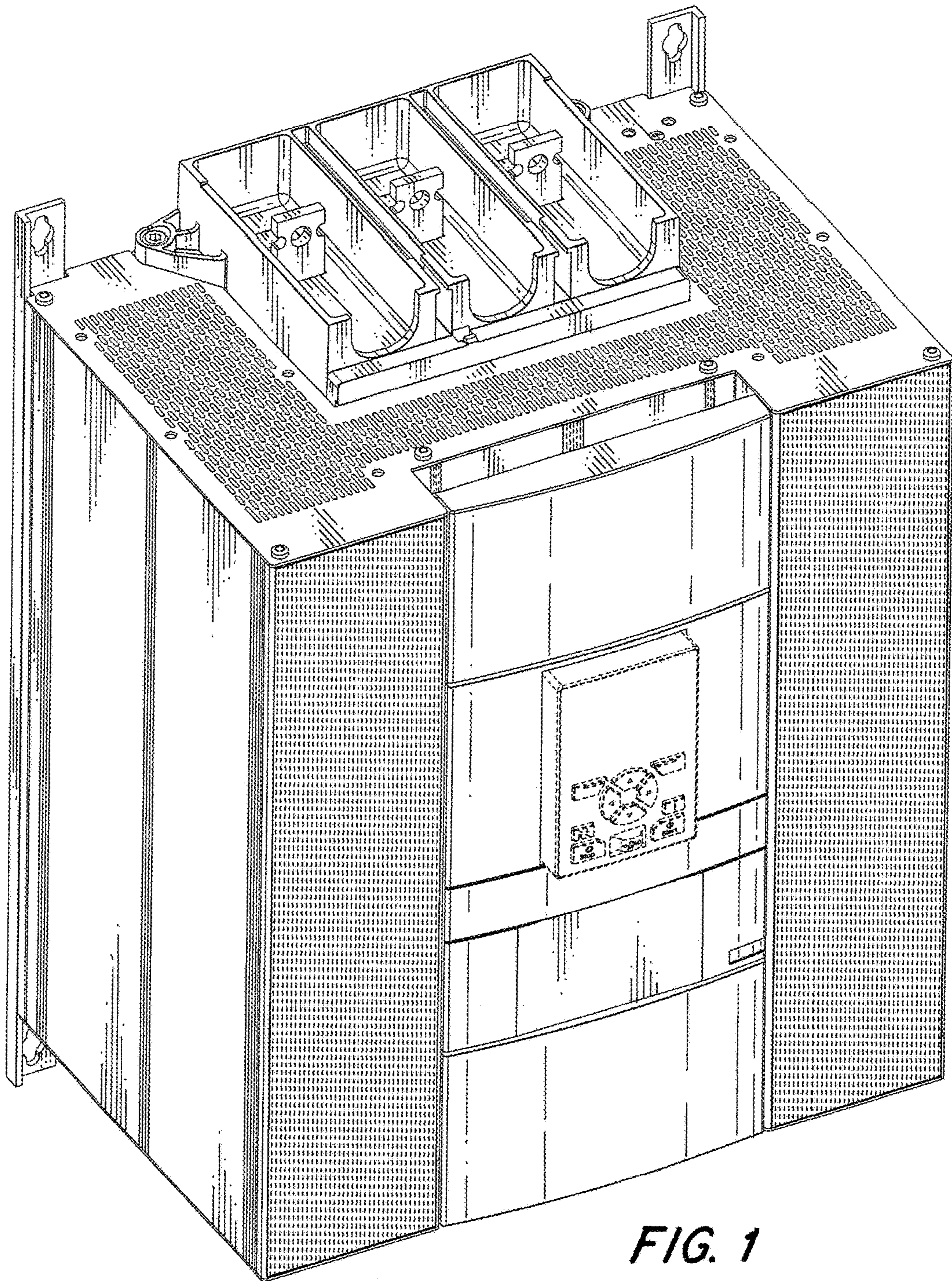


FIG. 1

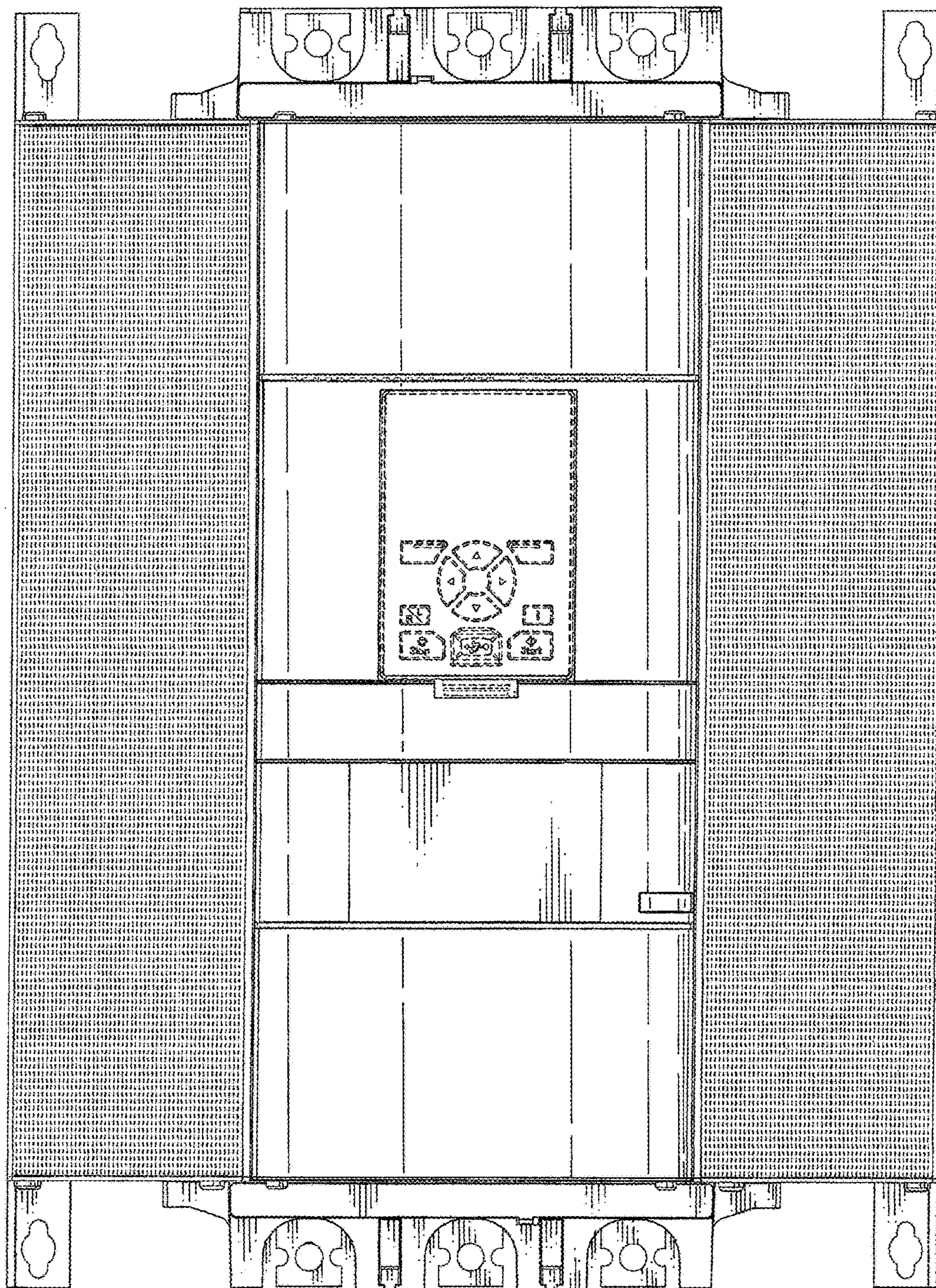


FIG. 2

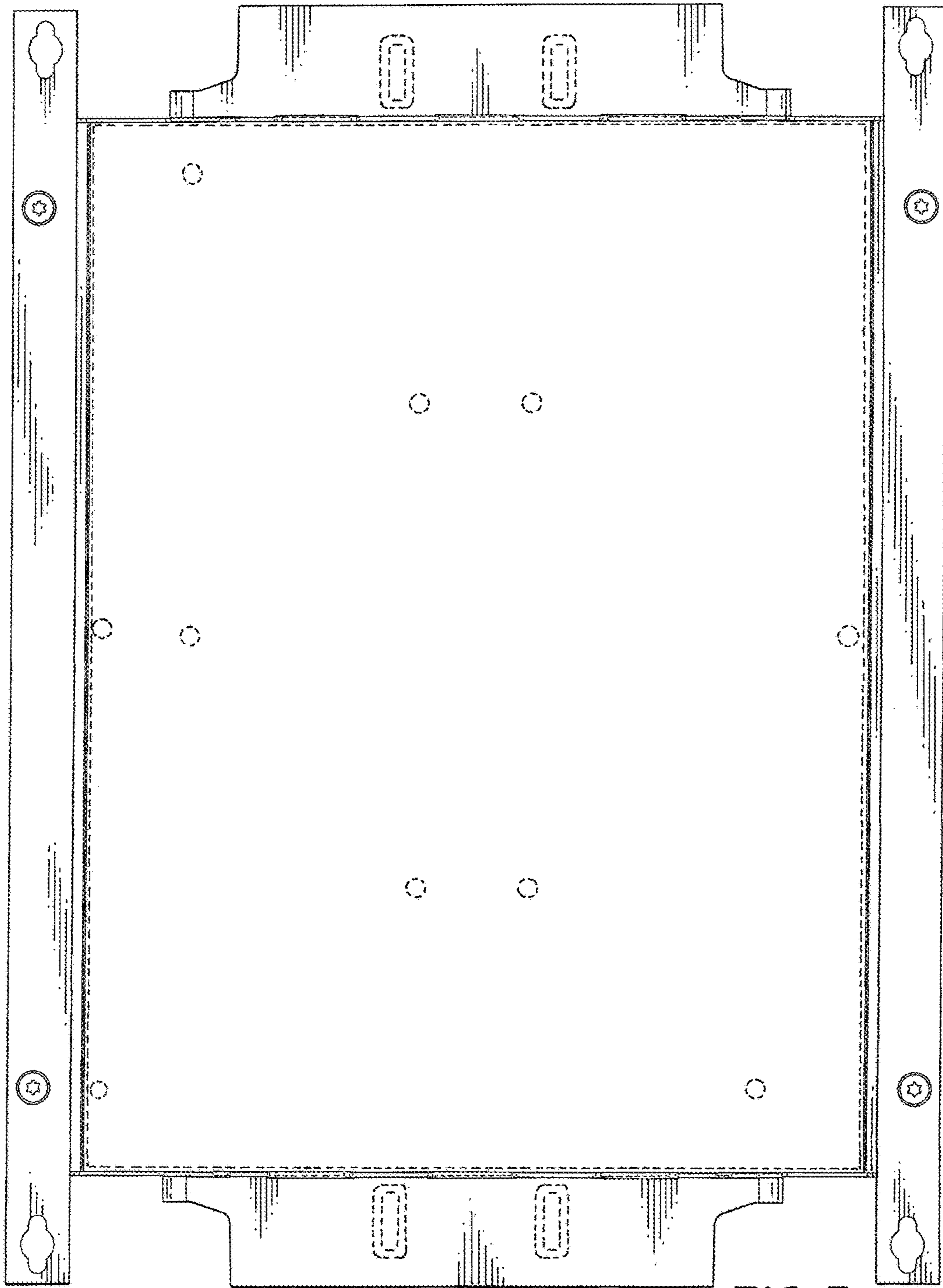
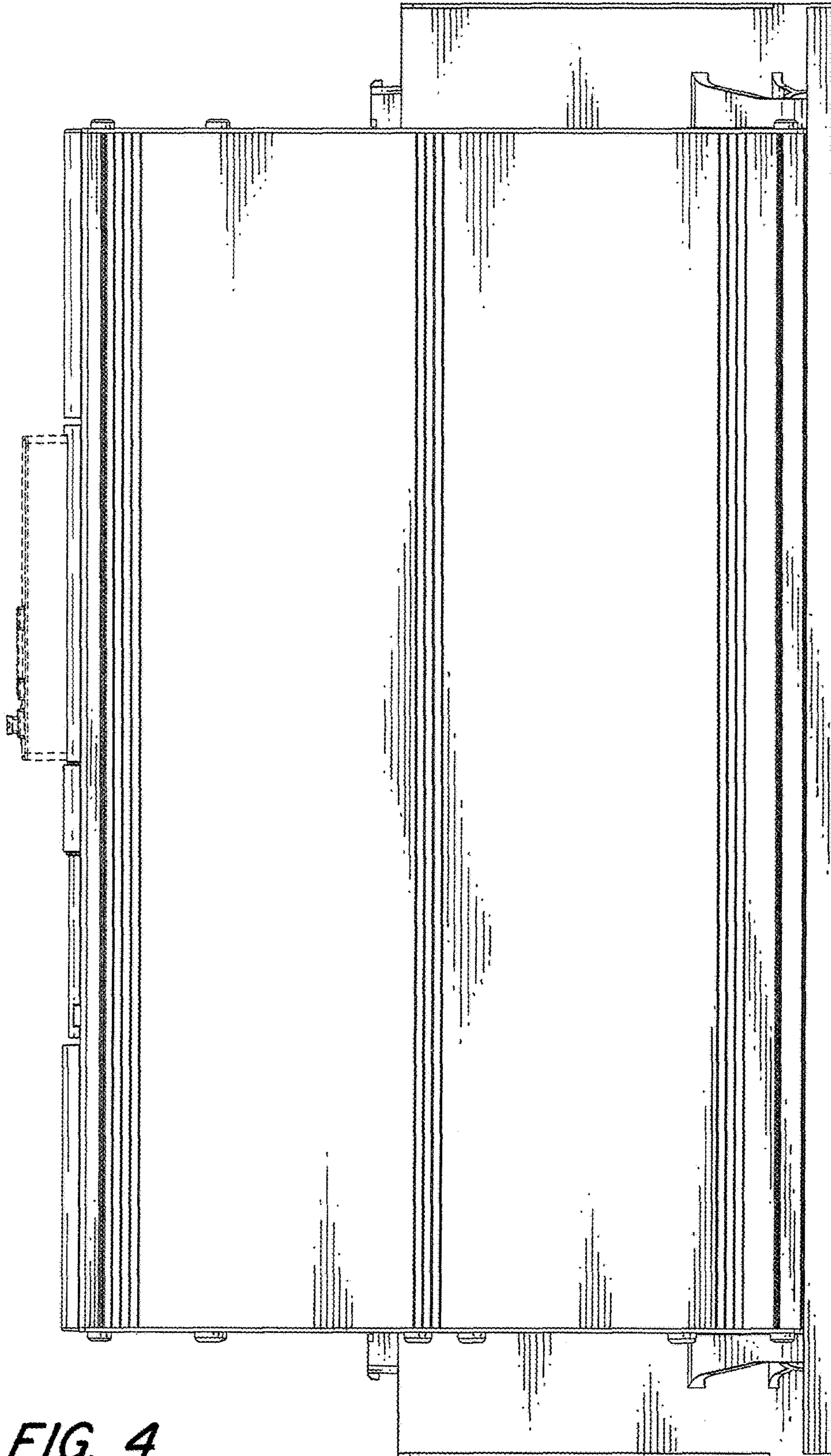


FIG. 3



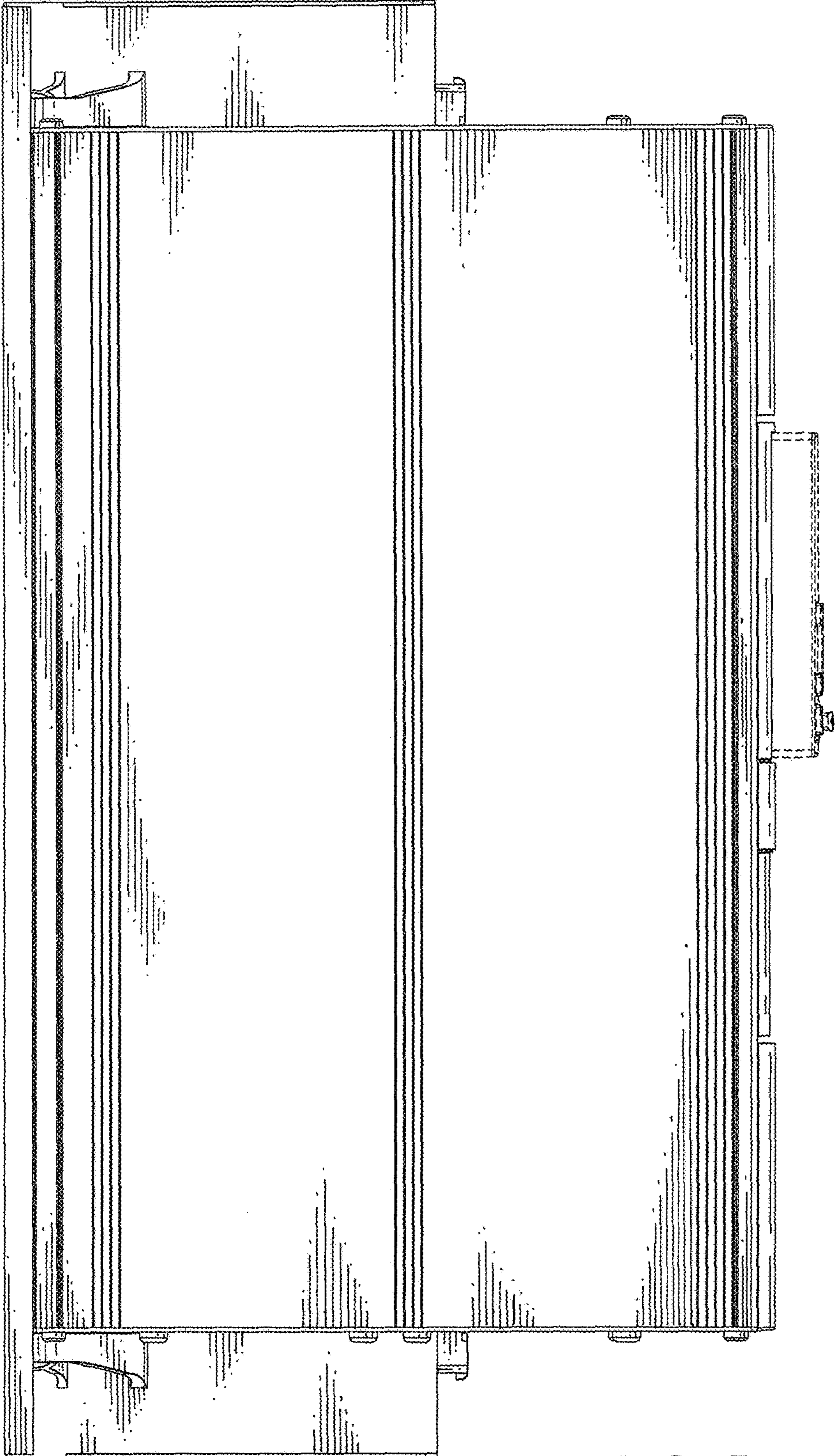


FIG. 5

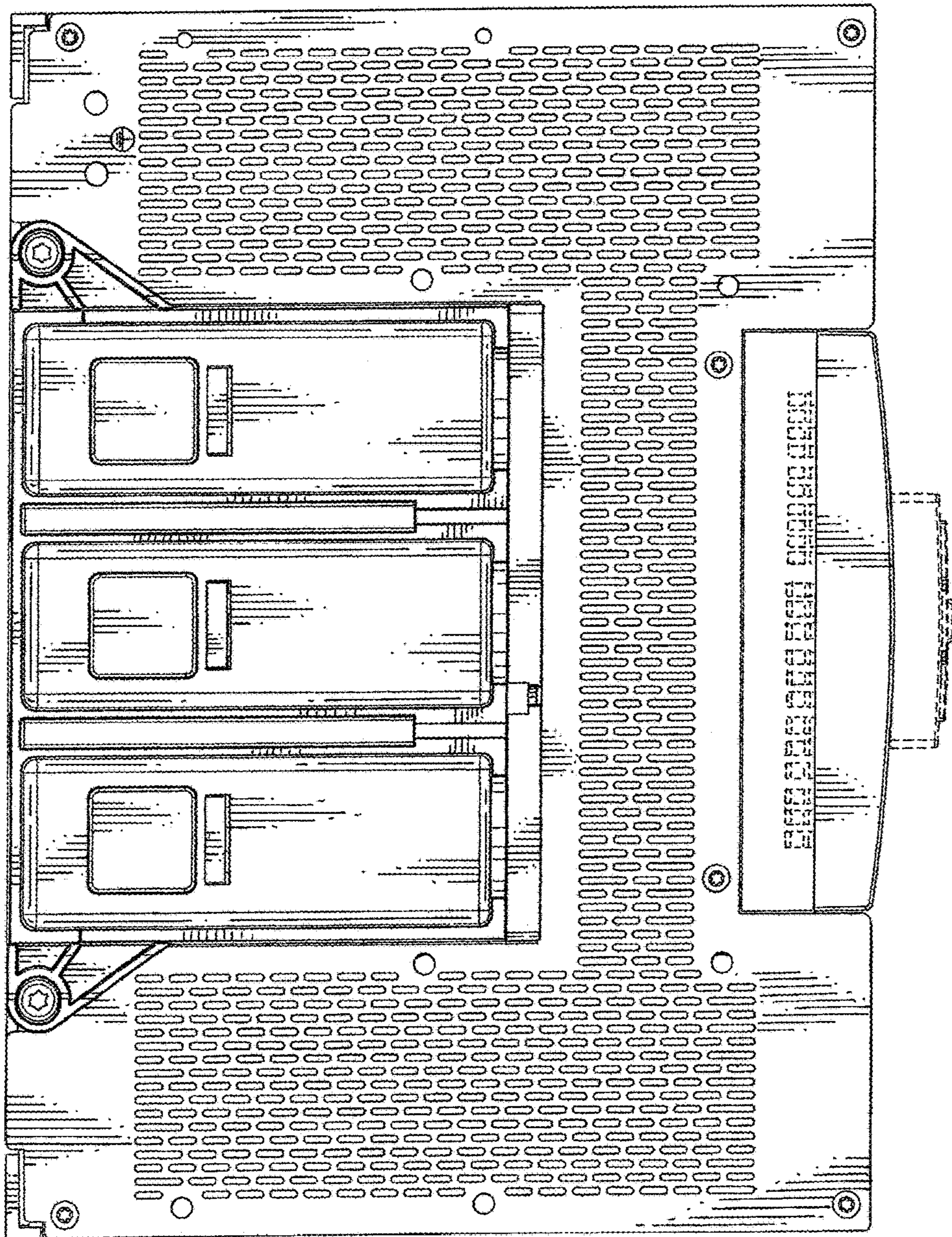


FIG. 6

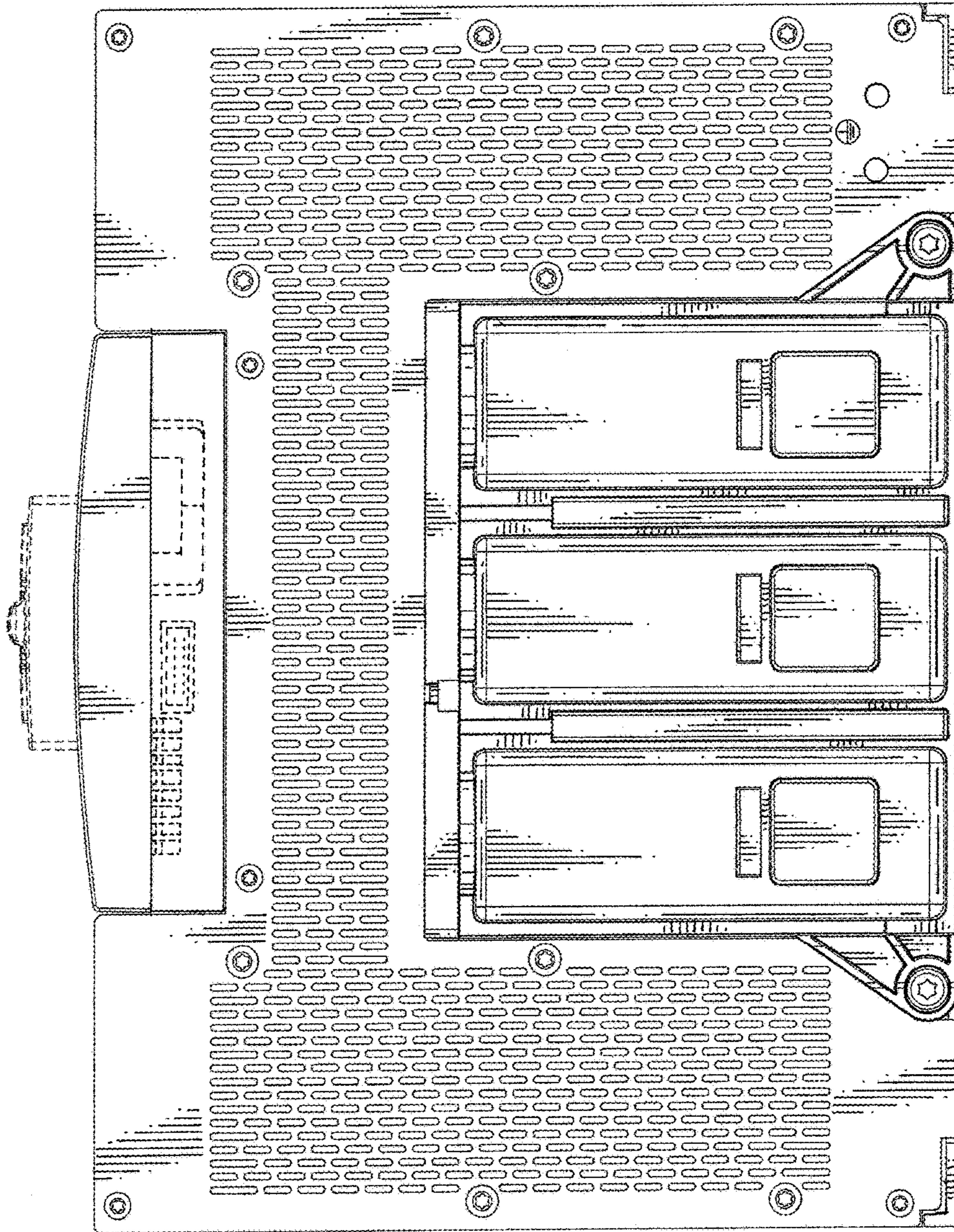


FIG. 7