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

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(54) **MOTOR STARTER**

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(73) Assignee: **ABB AB** (CH)

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

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(30) **Foreign Application Priority Data**

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(51) **LOC (9) Cl.** ..... **13-01**

(52) **U.S. Cl.** ..... **D13/113**

(58) **Field of Classification Search** ..... D13/113,  
D13/101, 110, 122, 123, 184, 199; D15/5;  
123/185.1, 185.14; 290/47, 48; 310/89,  
310/109; 361/600, 601, 622, 702, 703, 730,  
361/809; 363/141, 142

See application file for complete search history.

(56) **References Cited**

U.S. PATENT DOCUMENTS

4,620,263 A \* 10/1986 Ito ..... 361/690  
D400,182 S \* 10/1998 Yamada ..... D13/162

6,249,435 B1 \* 6/2001 Vicente et al. .... 361/717  
D455,399 S \* 4/2002 Imamura et al. .... D13/110  
D468,687 S \* 1/2003 Hamada et al. .... D13/113  
D502,916 S \* 3/2005 Higuchi et al. .... D13/110  
D560,607 S \* 1/2008 Suematsu et al. .... D13/110  
D560,608 S \* 1/2008 Dornauer et al. .... D13/113  
D562,234 S \* 2/2008 Morihara et al. .... D13/110  
D563,316 S \* 3/2008 Higuchi ..... D13/110

\* cited by examiner

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(57) **CLAIM**

The ornamental design for a motor starter, as shown and described.

**DESCRIPTION**

FIG. 1 is a right side elevation view of a motor starter in accordance with the new design;

FIG. 2 is a left side elevation view thereof;

FIG. 3 is a top plan view thereof;

FIG. 4 is a bottom plan view thereof;

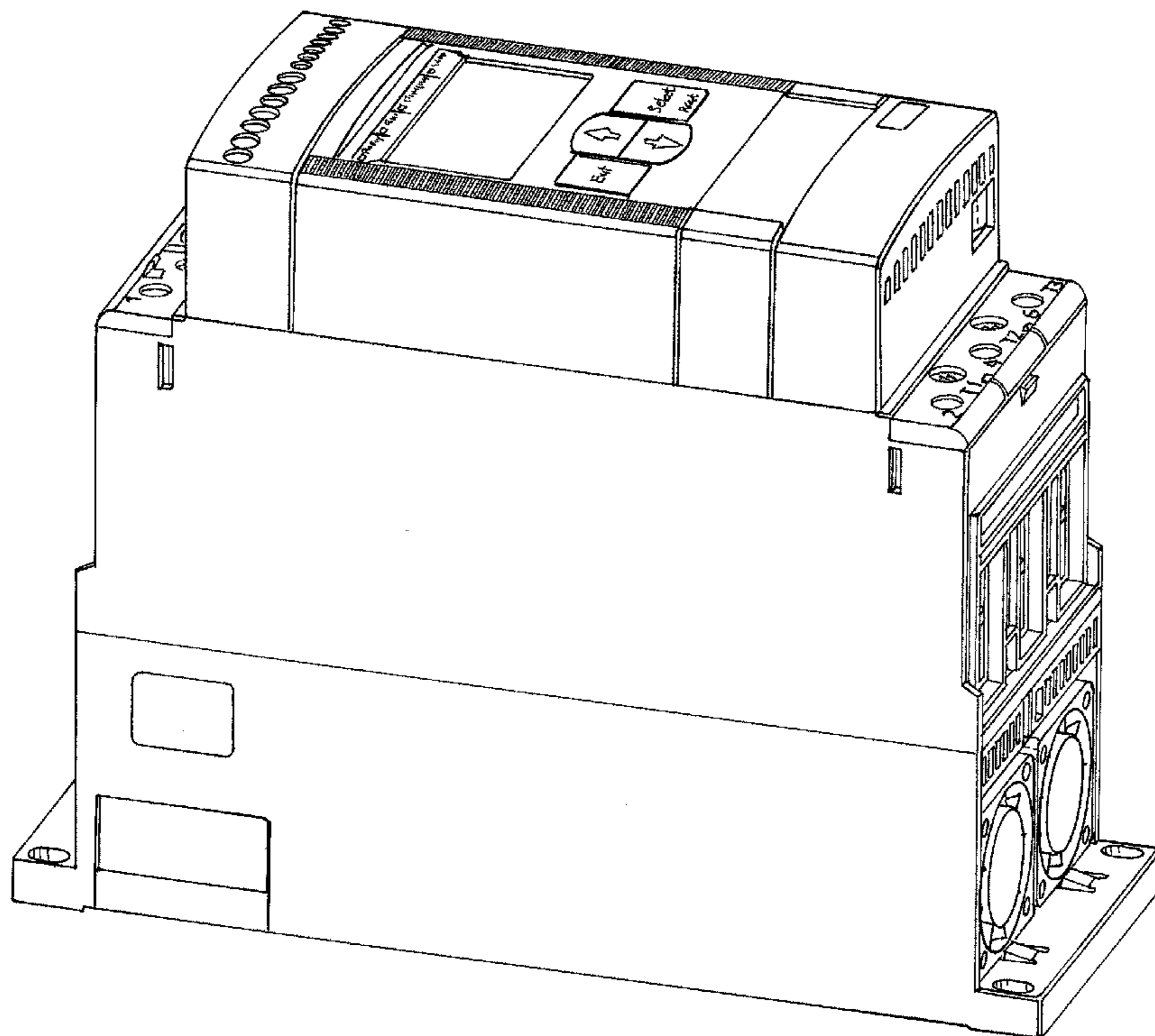
FIG. 5 is a front elevation view thereof;

FIG. 6 is a rear elevation view thereof; and,

FIG. 7 is a right side perspective view thereof.

The broken lines shown represent unclaimed subject matter and form no part of the claimed design.

**1 Claim, 7 Drawing Sheets**



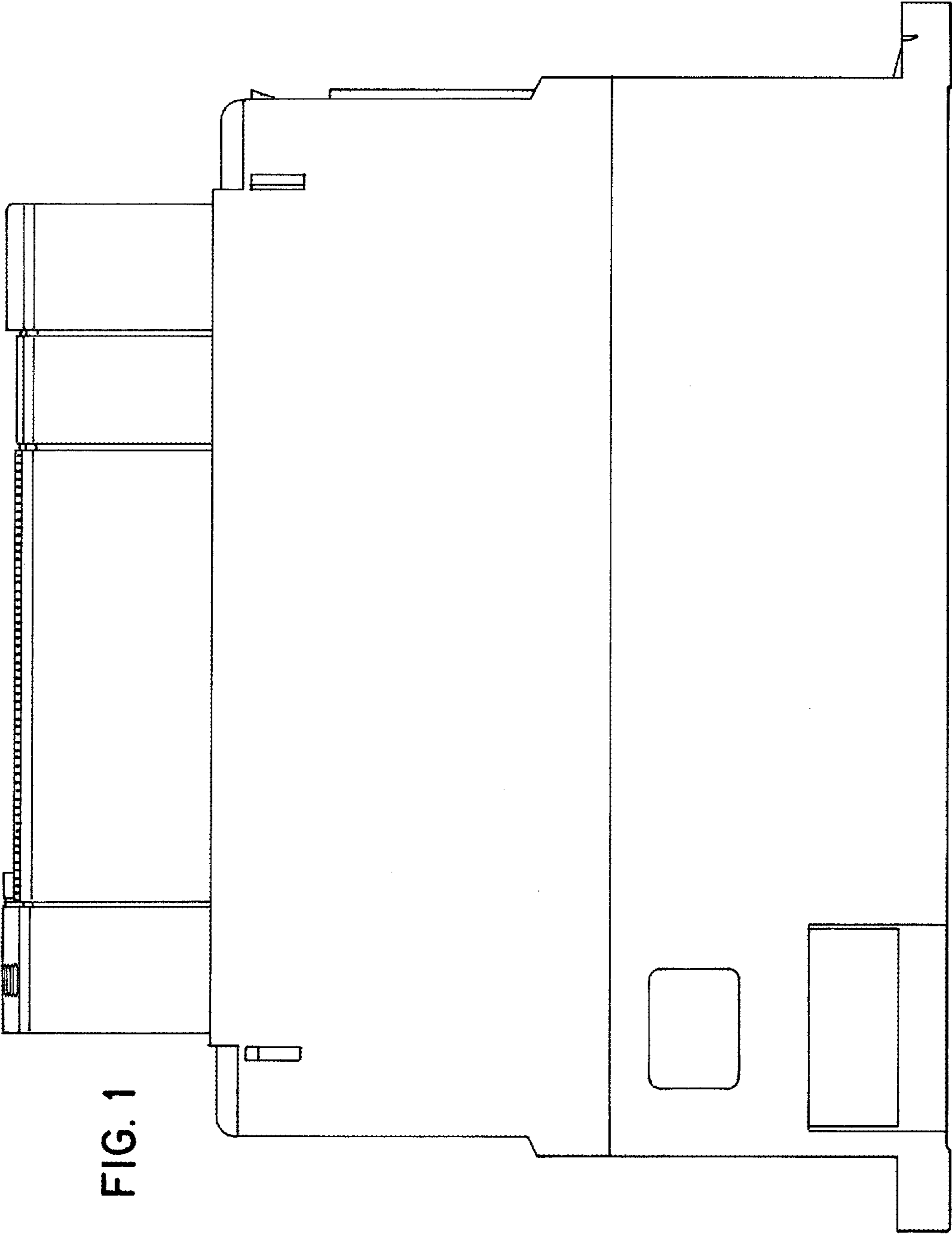


FIG. 1

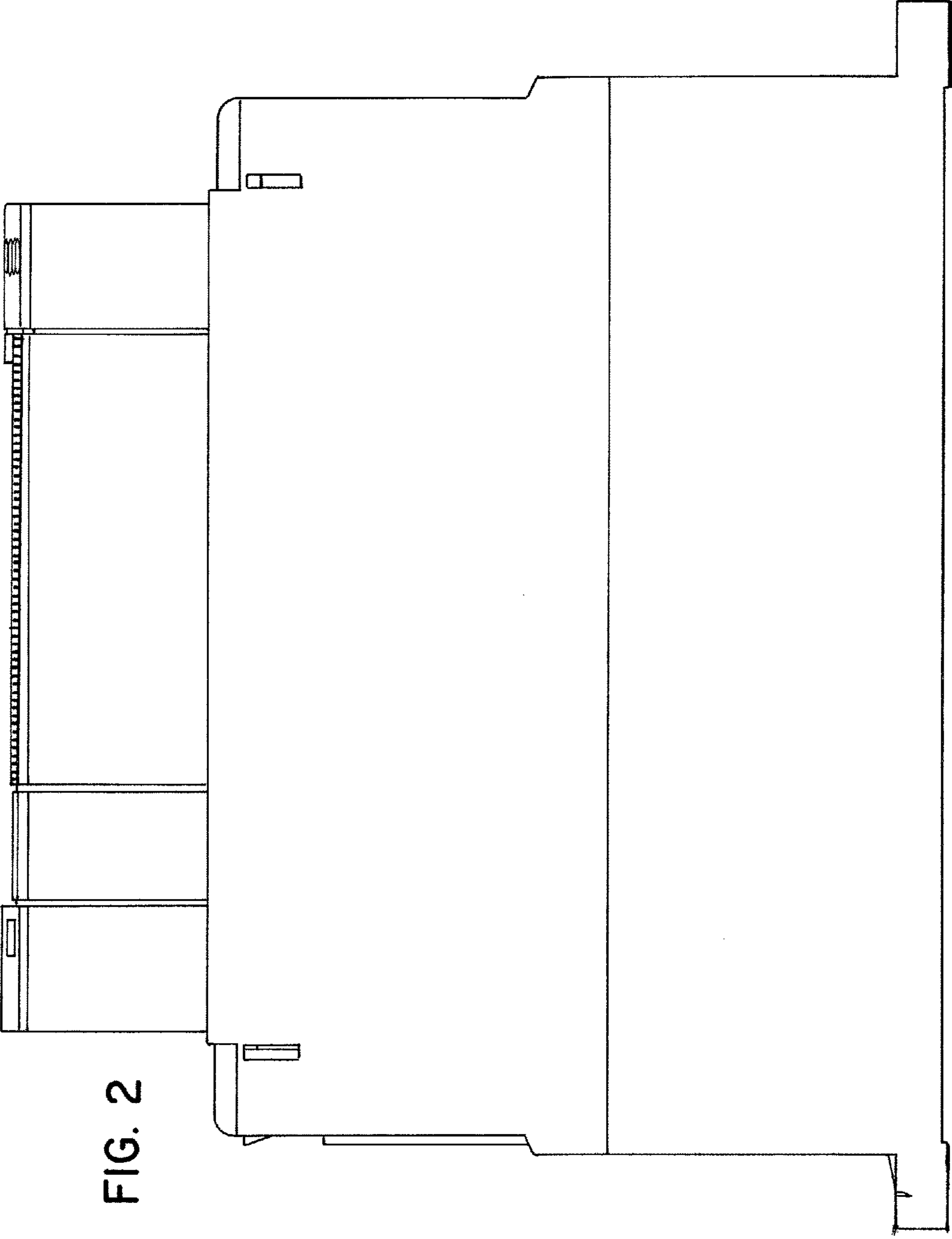


FIG. 2

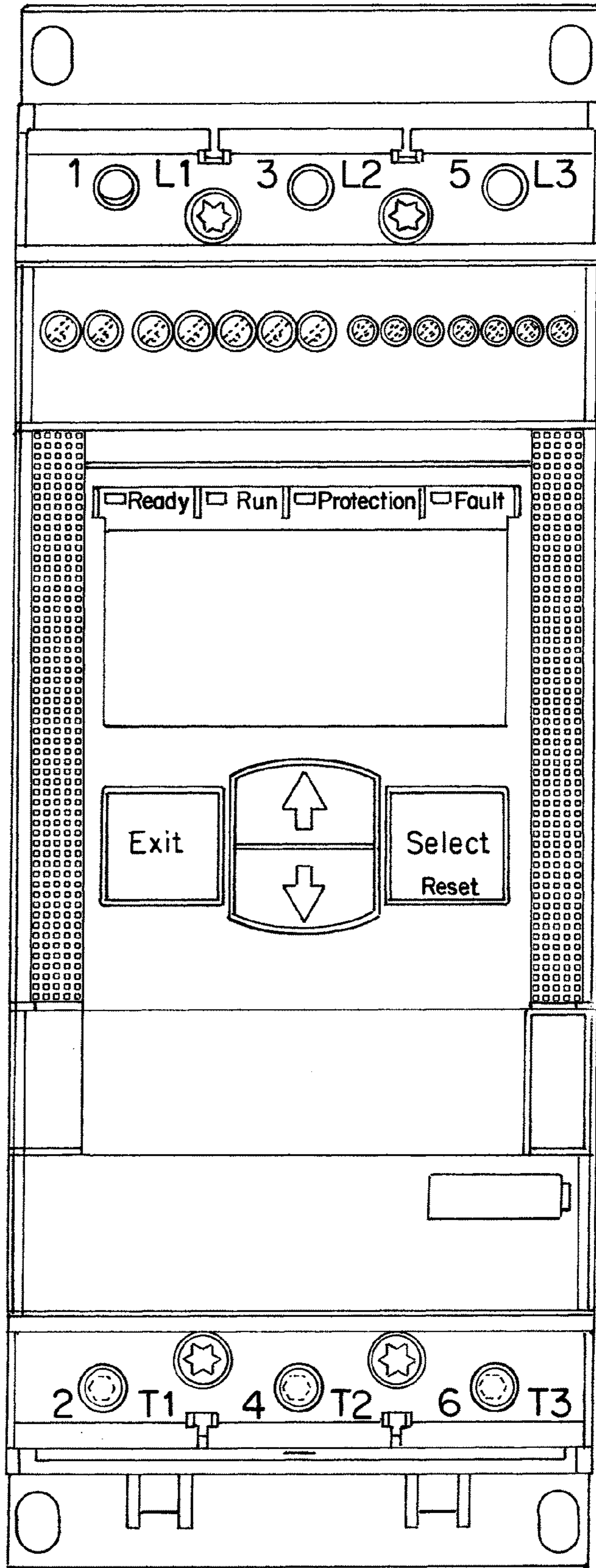


FIG. 3

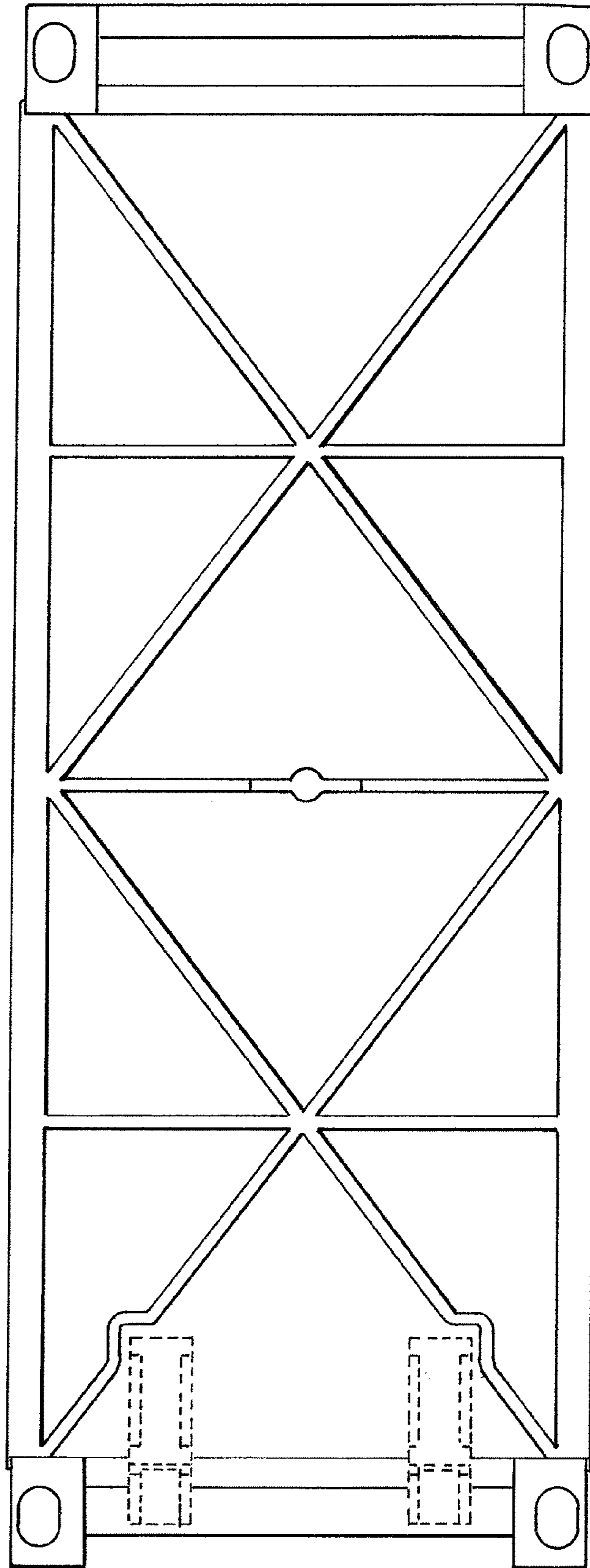


FIG. 4

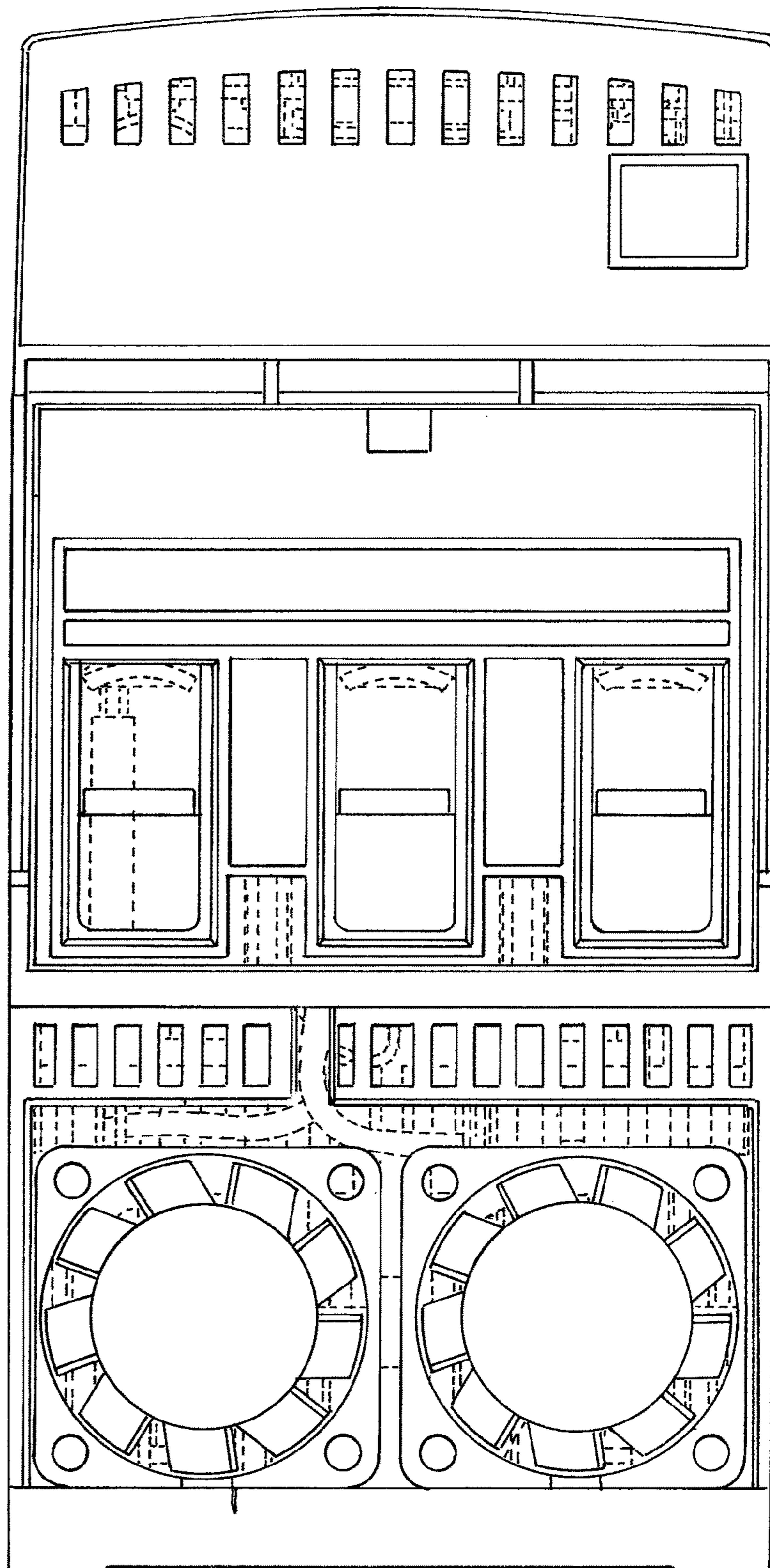


FIG. 5

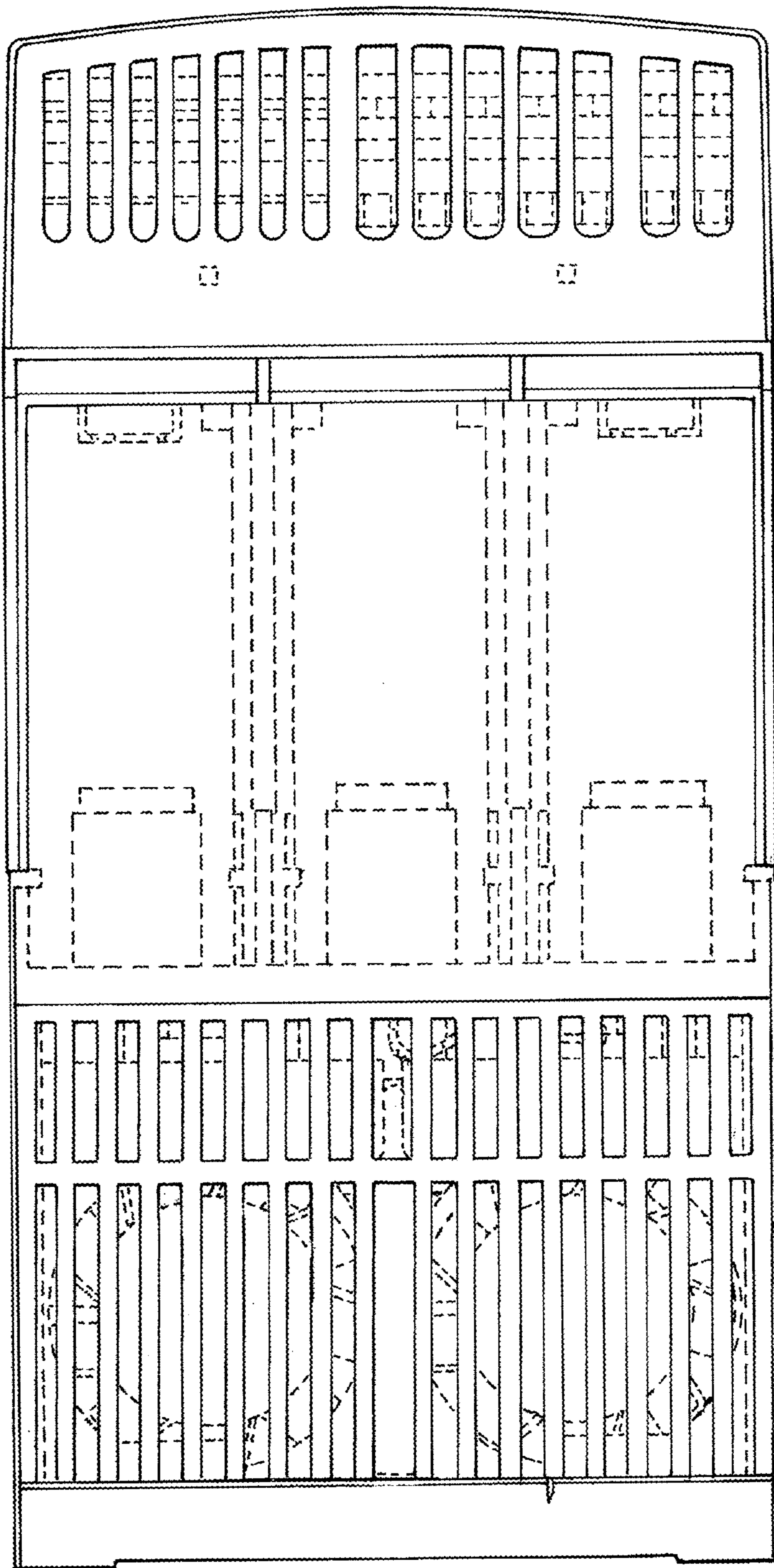


FIG. 6

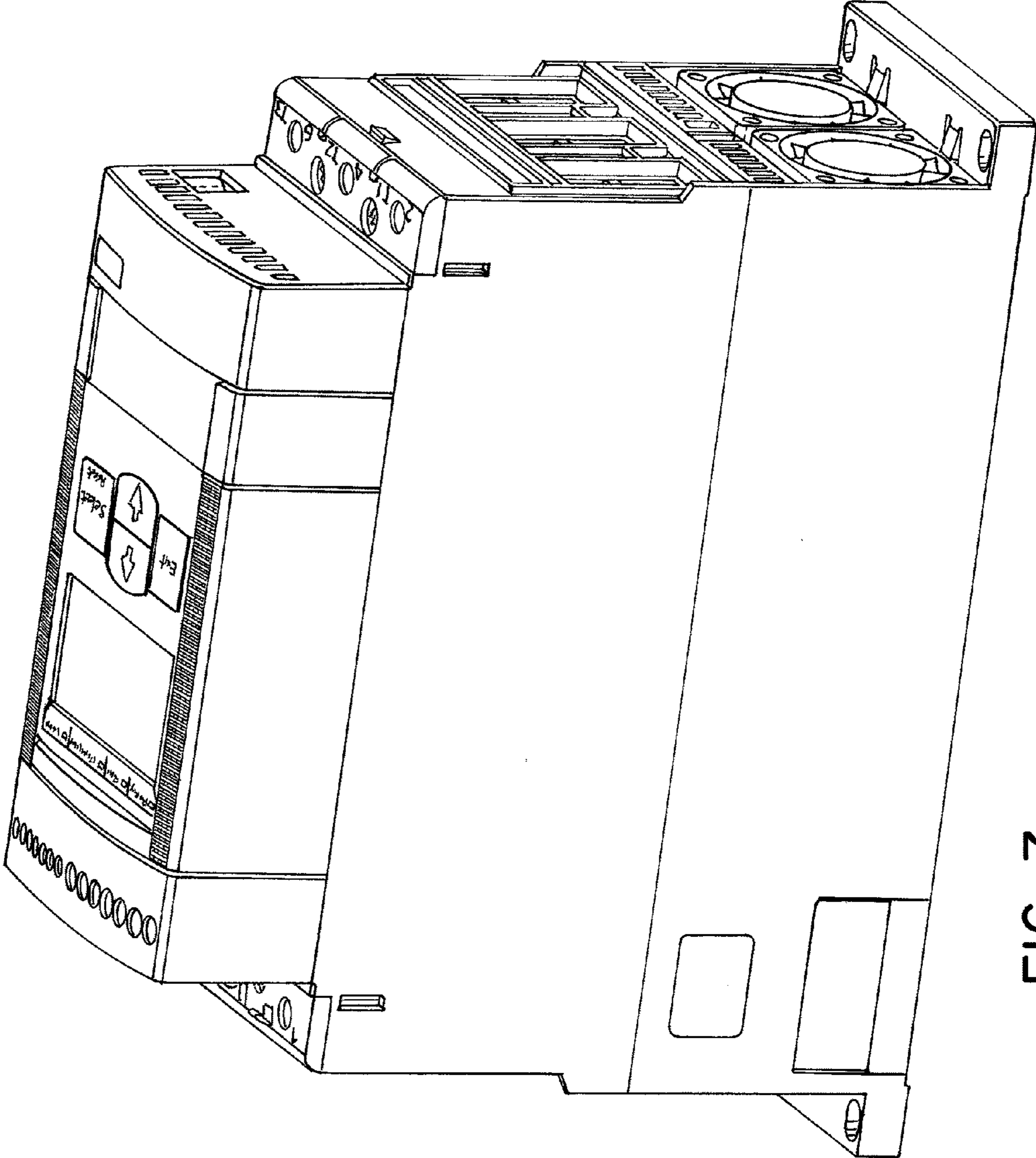


FIG. 7