



US00D604241S

(12) **United States Design Patent**  
**Haberle**

(10) **Patent No.:** **US D604,241 S**

(45) **Date of Patent:** **\*\* Nov. 17, 2009**

(54) **HARMONIC FILTER**

(57) **CLAIM**

(75) Inventor: **Norbert Haberle**, Lommiswil (CH)

The ornamental design for a harmonic filter, as shown and described.

(73) Assignee: **Schaffner EMV AG**, Luterbach (CH)

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

(21) Appl. No.: **29/329,121**

(22) Filed: **Dec. 9, 2008**

(30) **Foreign Application Priority Data**

Jul. 8, 2008 (CH) ..... 135346

(51) **LOC (9) Cl.** ..... **13-03**

(52) **U.S. Cl.** ..... **D13/123; D13/184**

(58) **Field of Classification Search** ..... D13/123,  
D13/133, 146, 147, 154, 162, 164, 184, 199;  
361/637, 823; 439/709, 712, 715, 716  
See application file for complete search history.

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*Primary Examiner*—Daniel D Bui  
*Assistant Examiner*—Thomas J Johannes

**DESCRIPTION**

FIG. 1 is a perspective view of a first embodiment of a harmonic filter of my design;  
 FIG. 2 is a front view thereof;  
 FIG. 3 is a left-side view thereof;  
 FIG. 4 is a top view thereof;  
 FIG. 5 is a bottom view thereof;  
 FIG. 6 is a perspective view of a second embodiment thereof;  
 FIG. 7 is a front view thereof;  
 FIG. 8 is a left-side view thereof;  
 FIG. 9 is a top view thereof;  
 FIG. 10 is a bottom view thereof;  
 FIG. 11 is a perspective view of a third embodiment thereof;  
 FIG. 12 is a front view thereof;  
 FIG. 13 is a left-side view thereof;  
 FIG. 14 is a top view thereof;  
 FIG. 15 is a bottom view thereof;  
 FIG. 16 is a perspective view of a fourth embodiment thereof;  
 FIG. 17 is a front view thereof;  
 FIG. 18 is a left-side view thereof;  
 FIG. 19 is a top view thereof;  
 FIG. 20 is a bottom view thereof;  
 FIG. 21 is a perspective view of a fifth embodiment thereof;  
 FIG. 22 is a front view thereof;  
 FIG. 23 is a left-side view thereof;  
 FIG. 24 is a top view thereof; and,  
 FIG. 25 is a bottom view thereof.

**1 Claim, 5 Drawing Sheets**

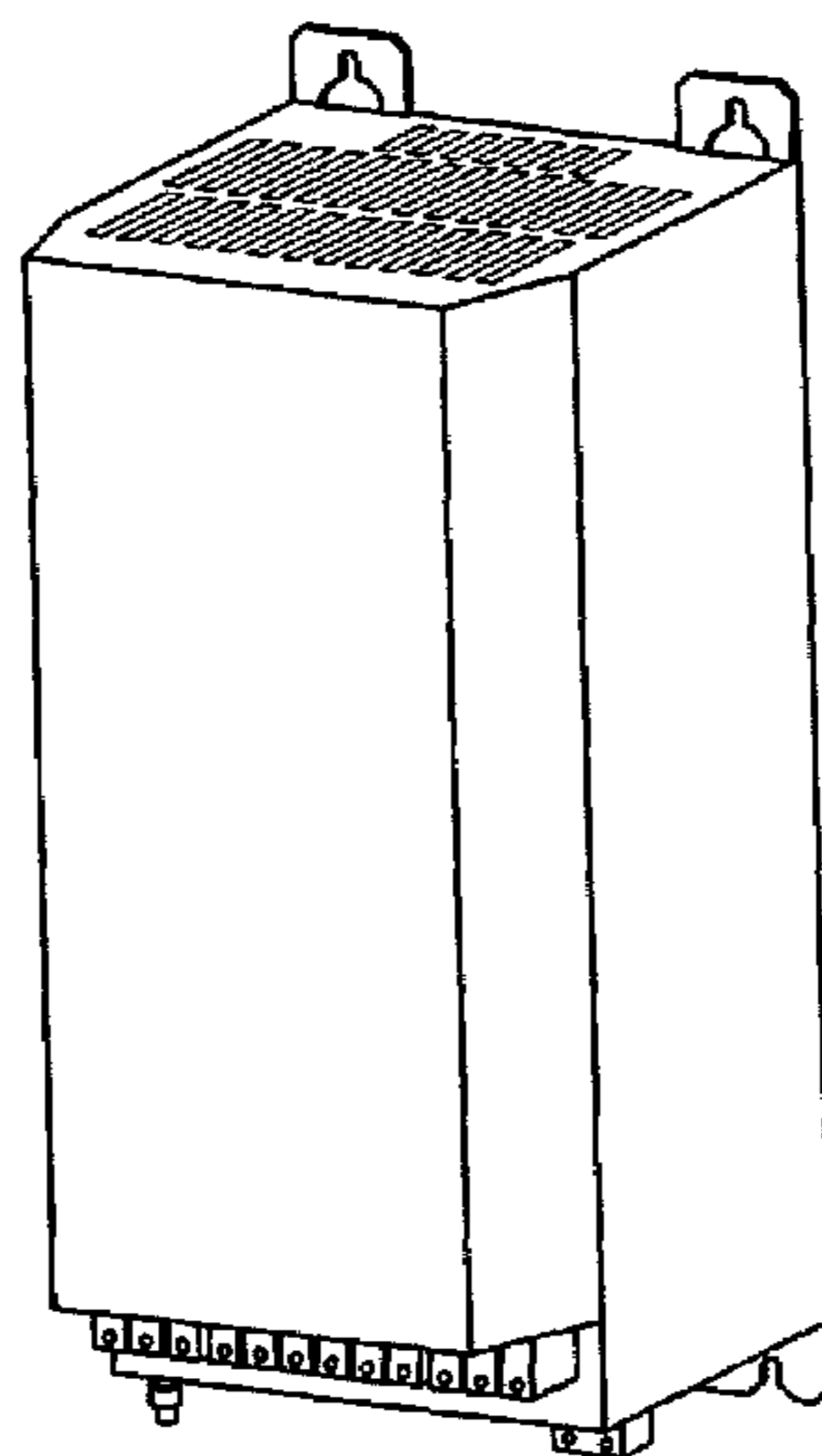


Fig. 1

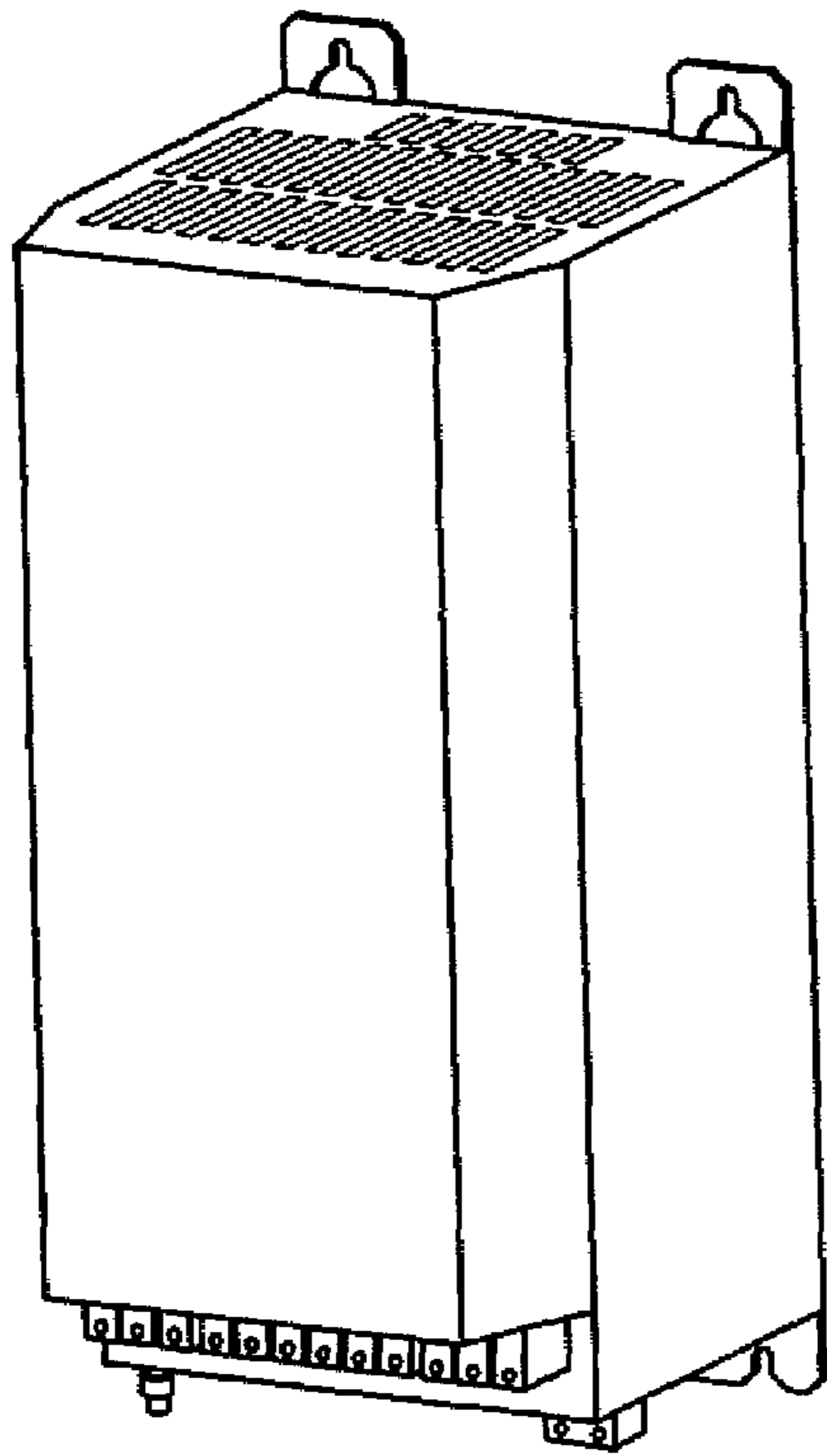


Fig. 2

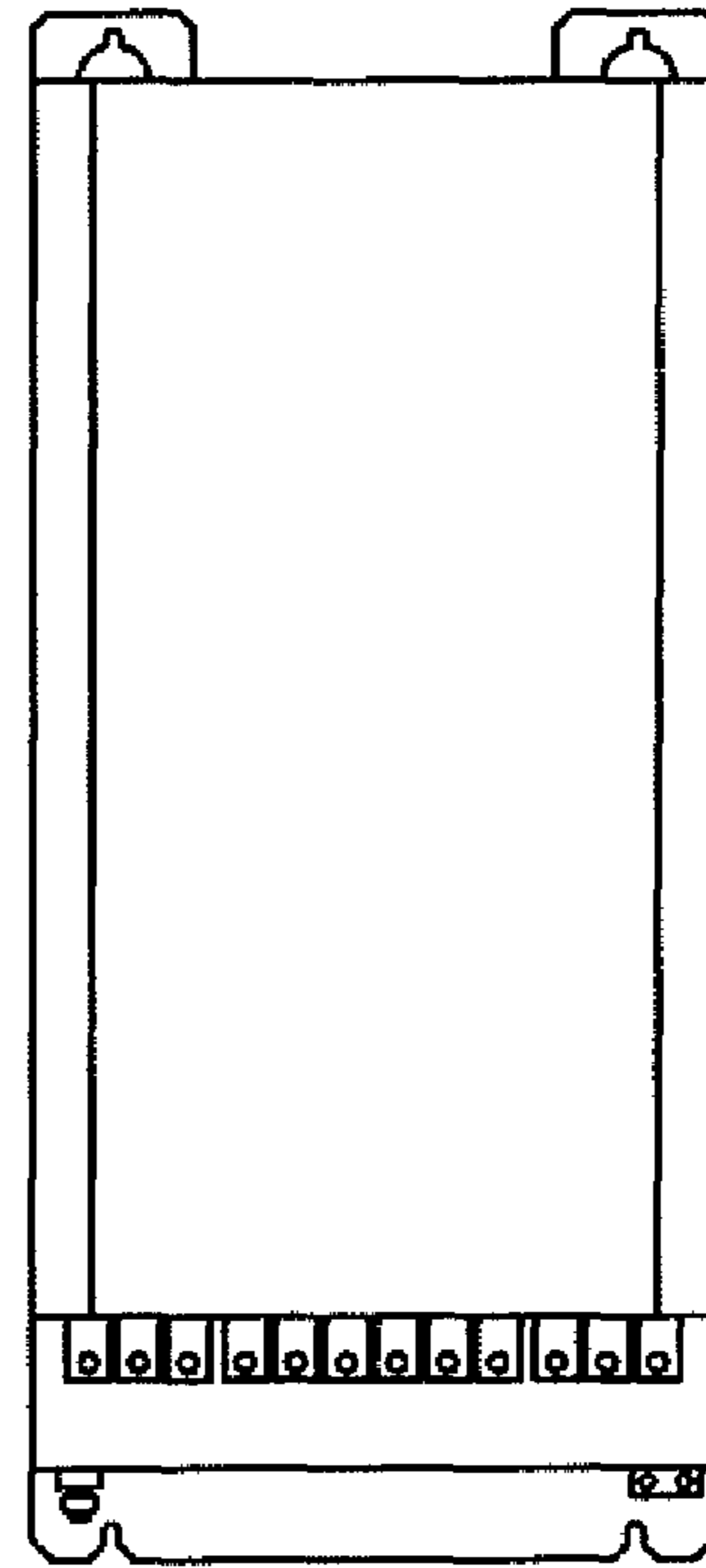


Fig. 4

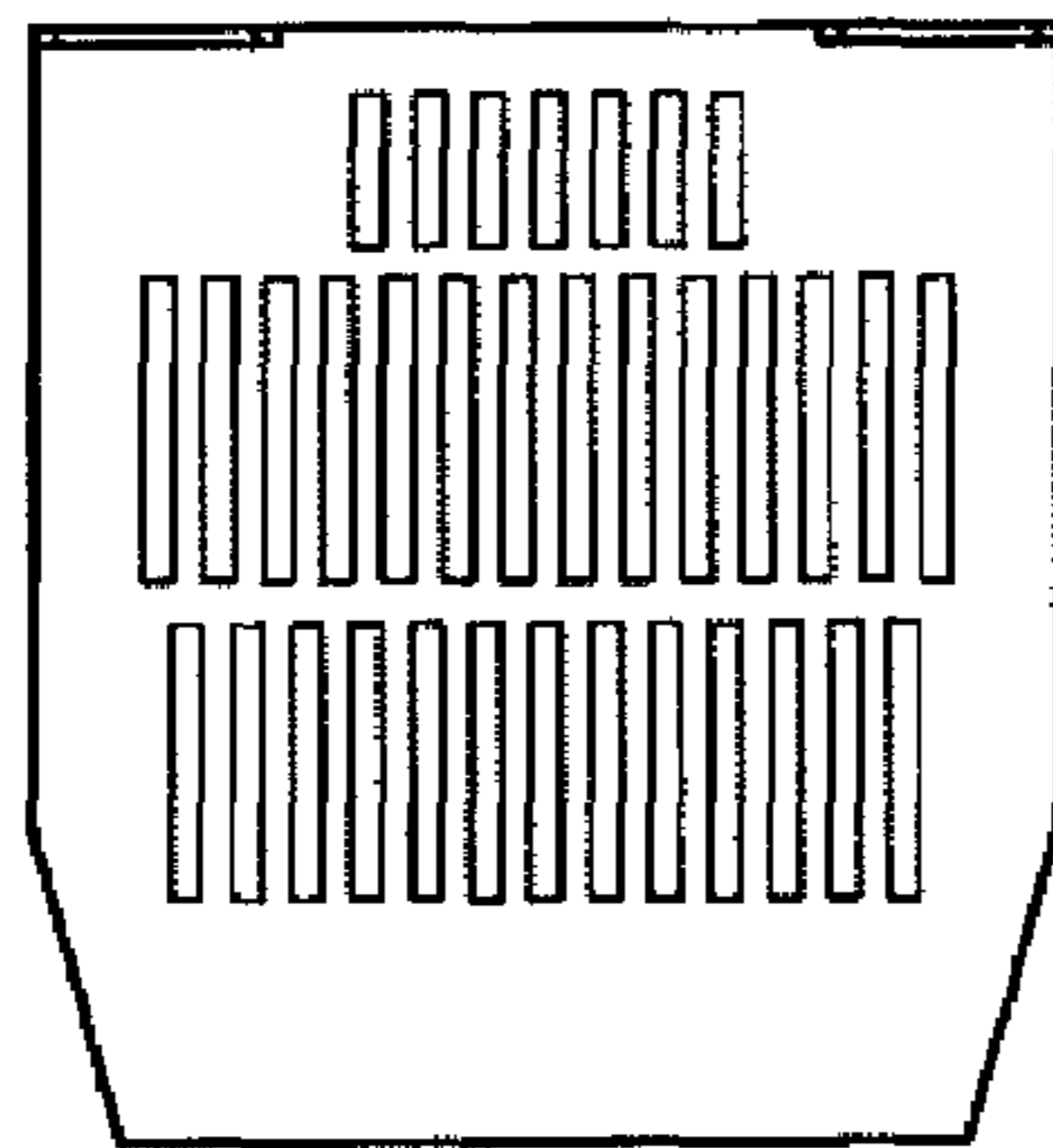


Fig. 3

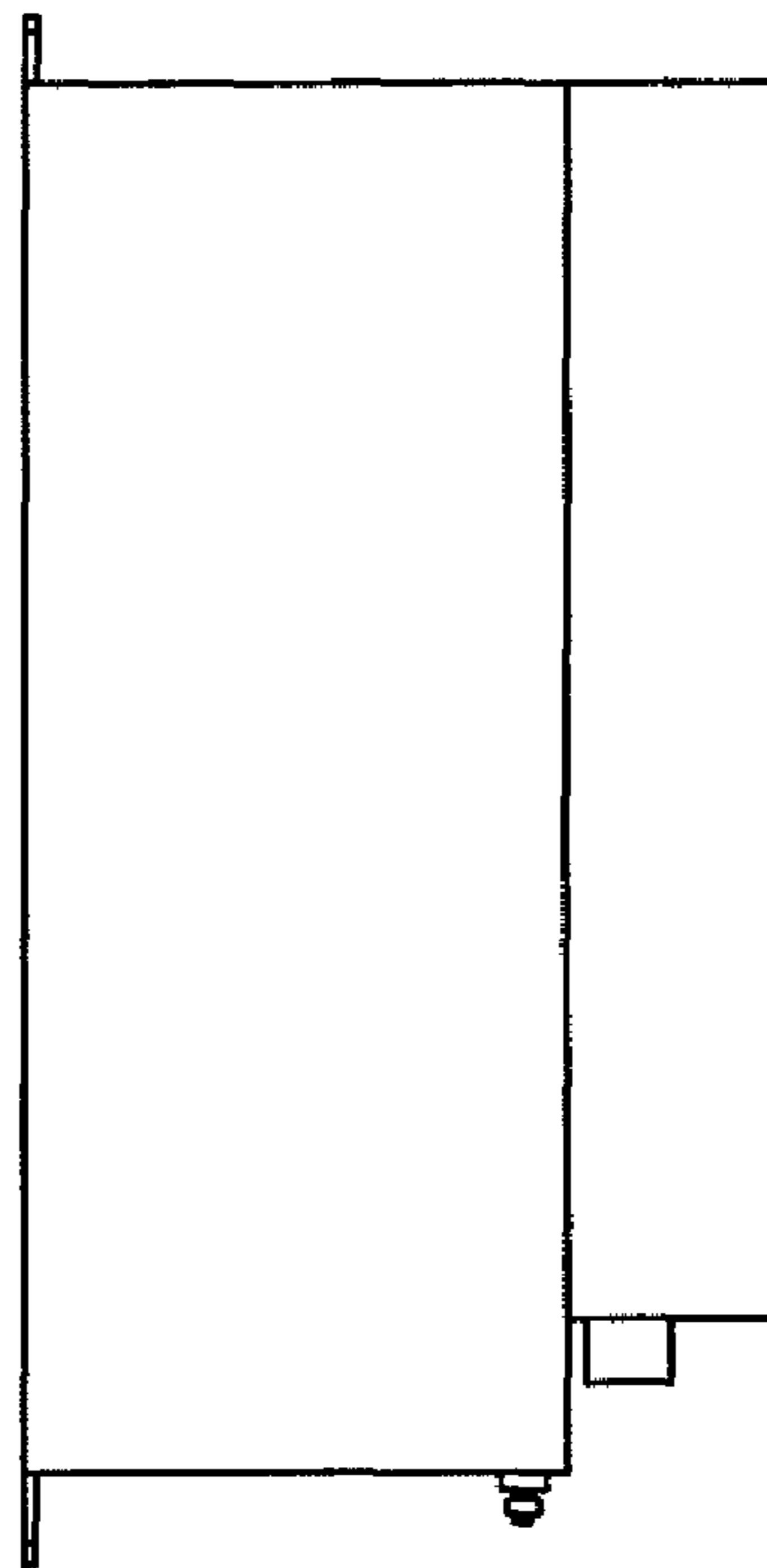


Fig. 5

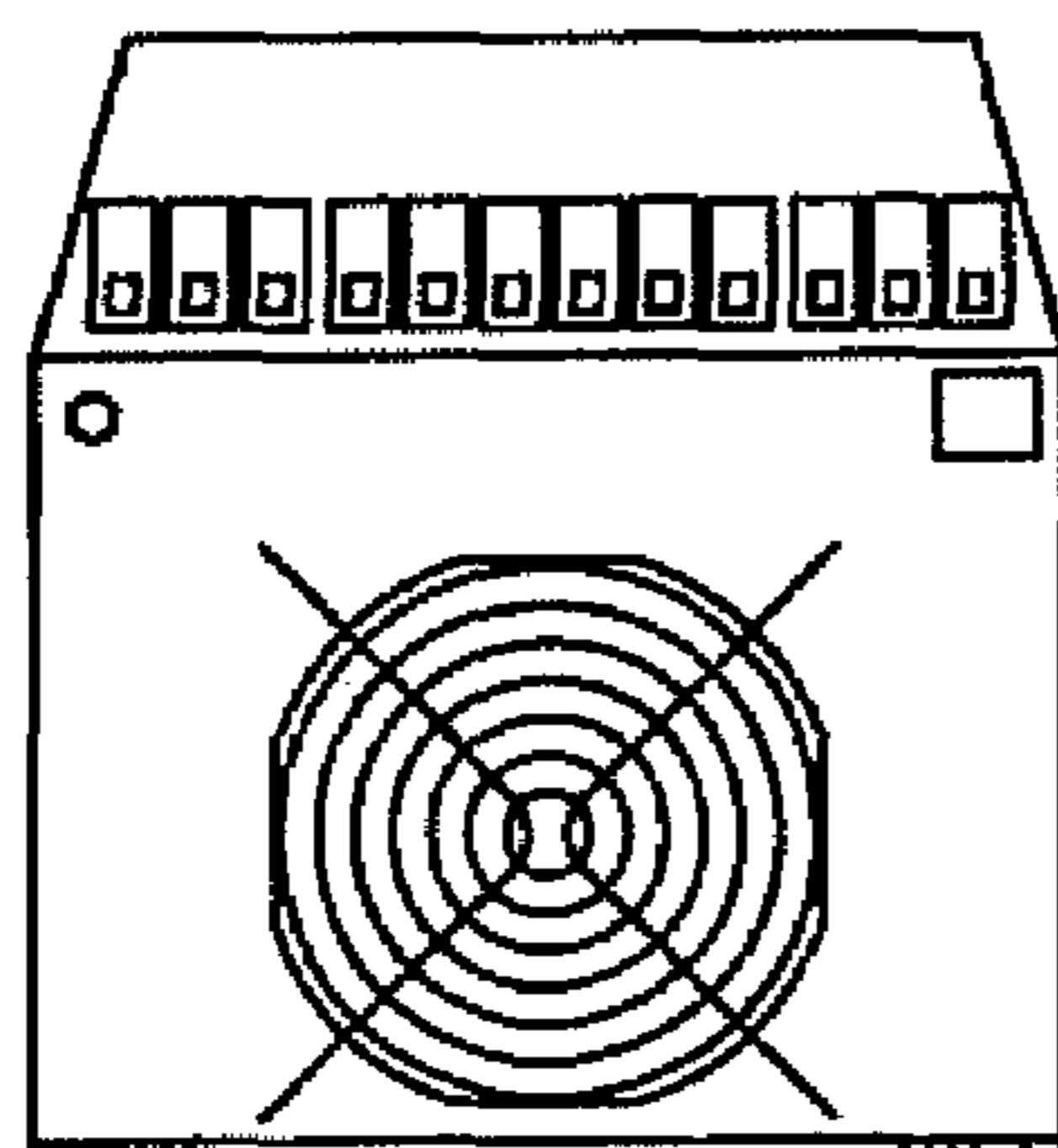


Fig. 6

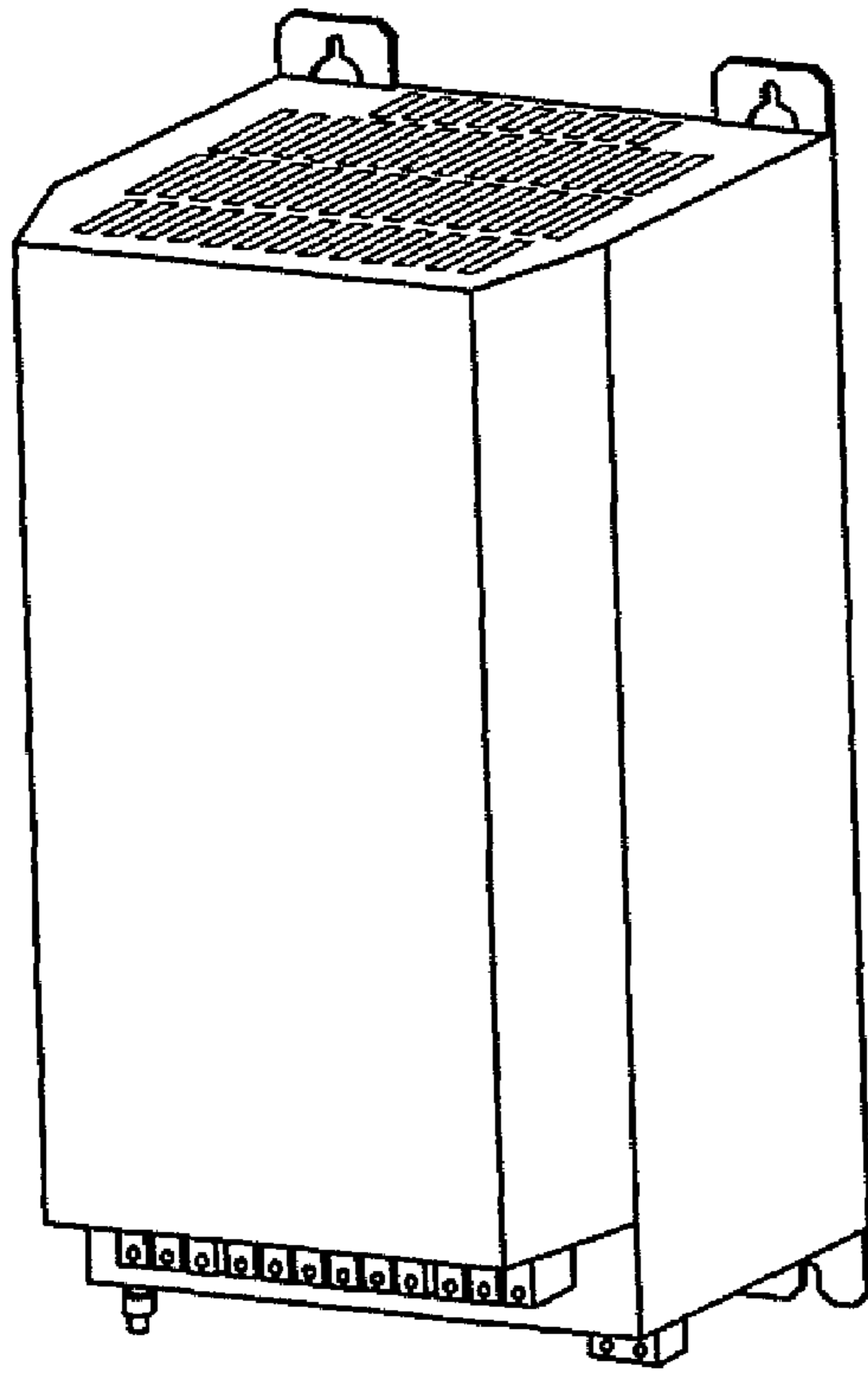


Fig. 7

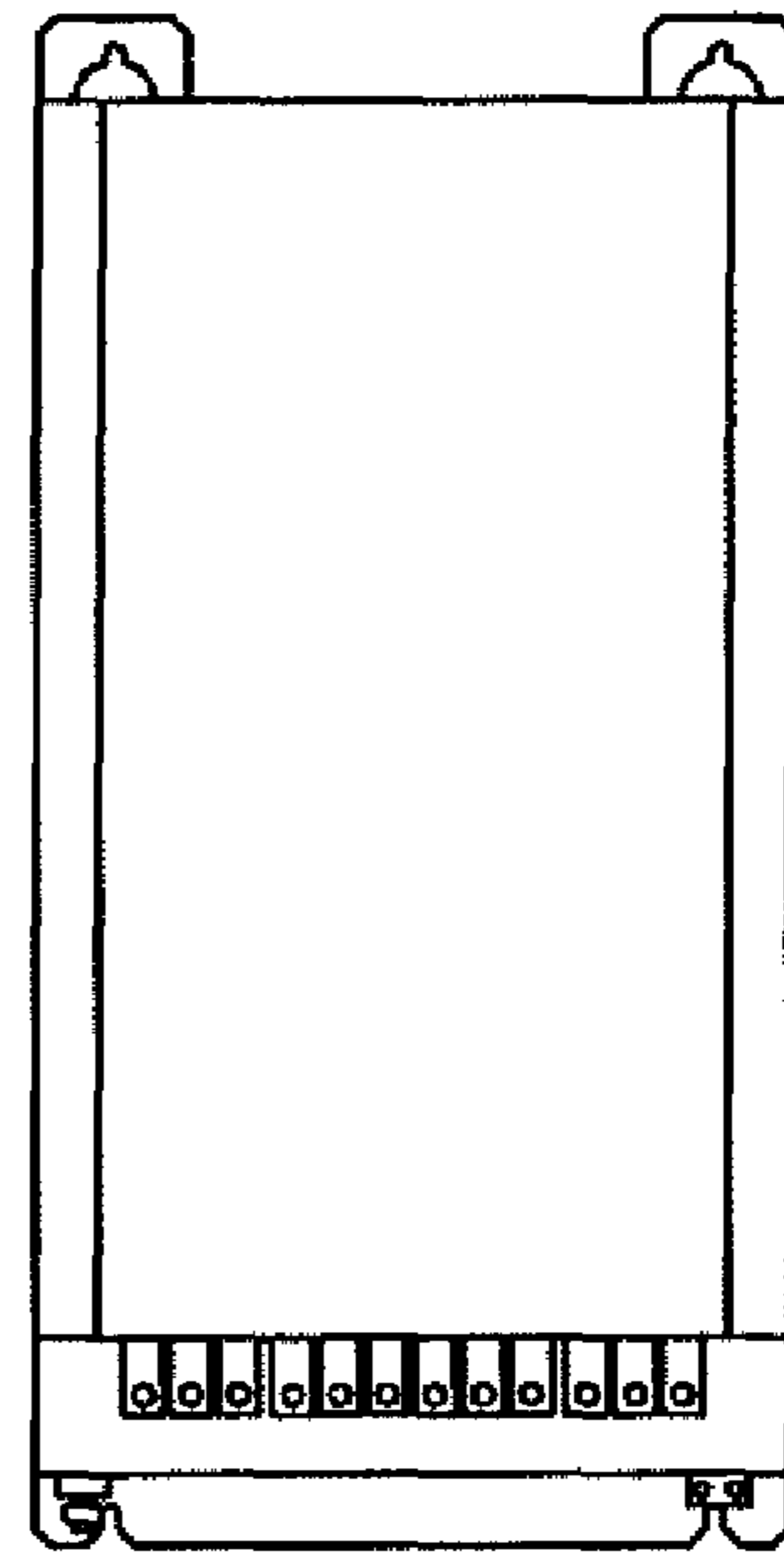


Fig. 9

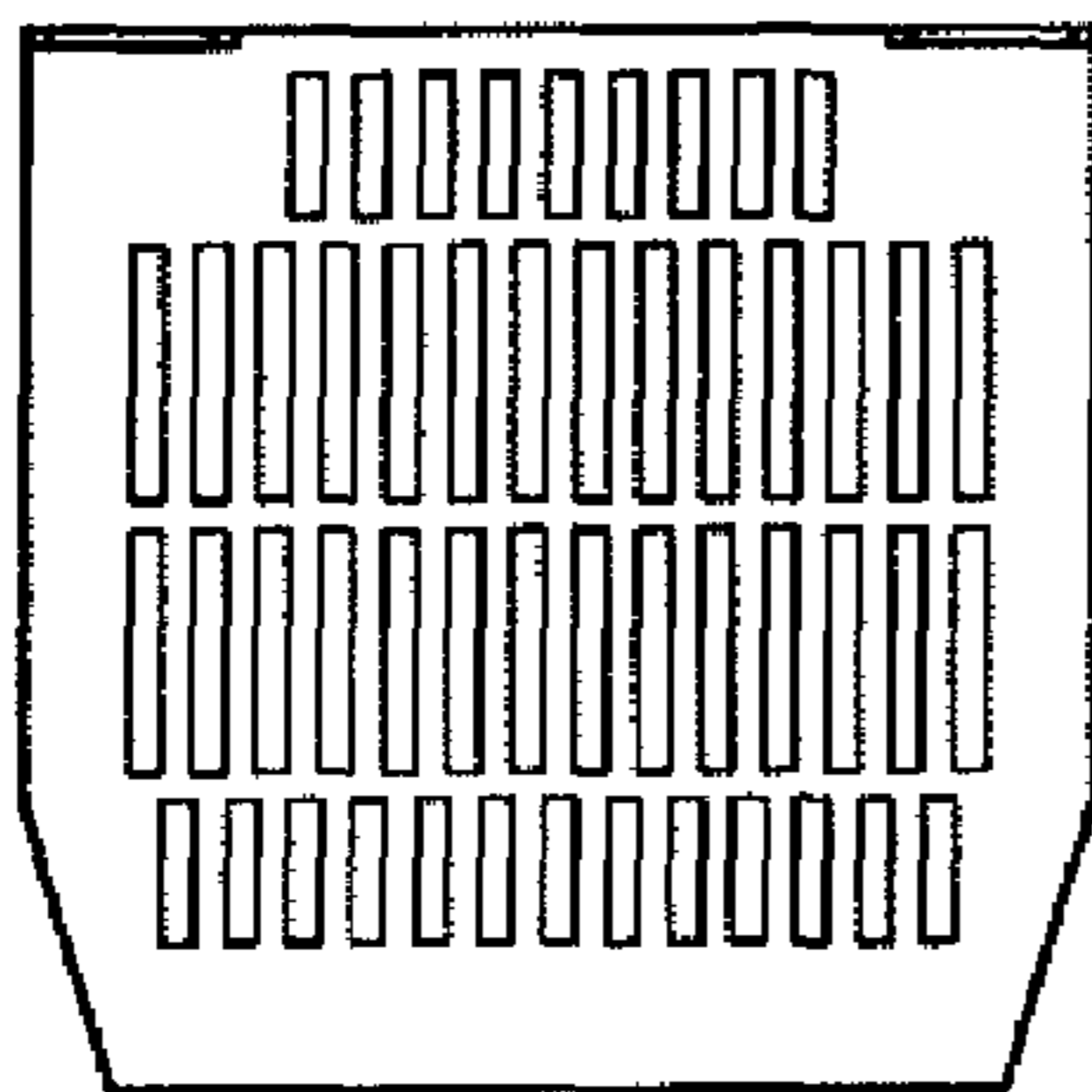


Fig. 8

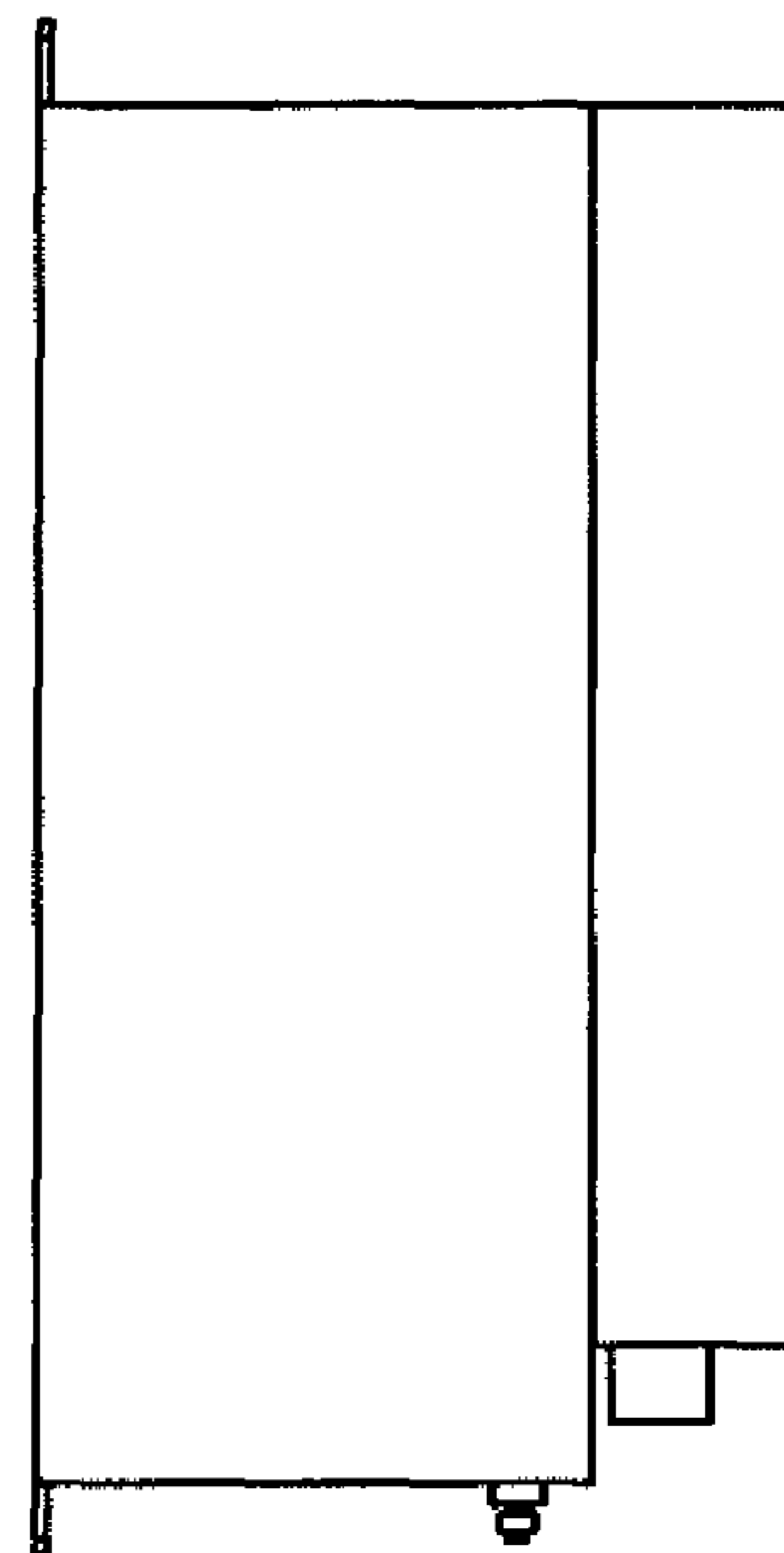


Fig. 10

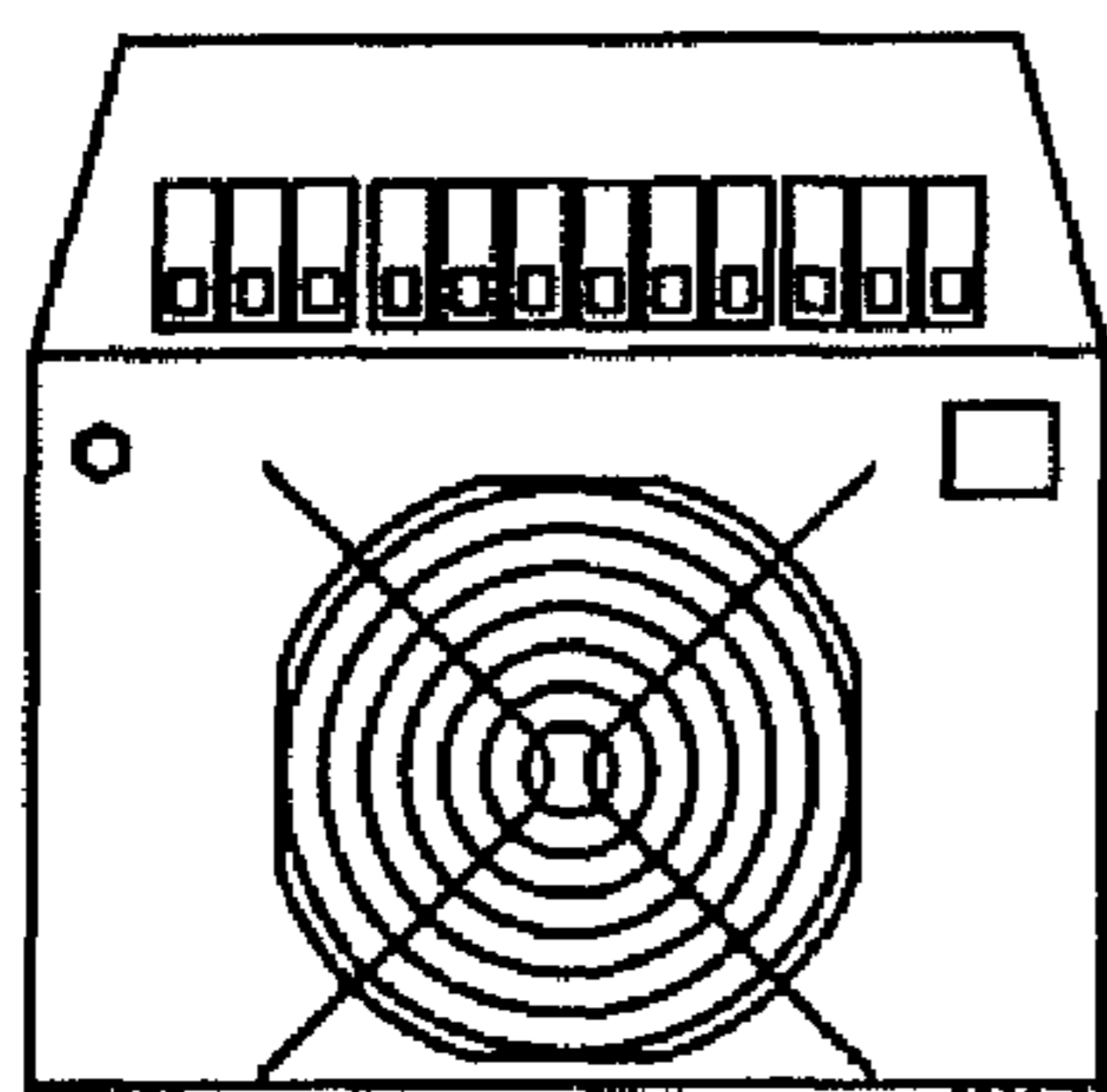


Fig. 11

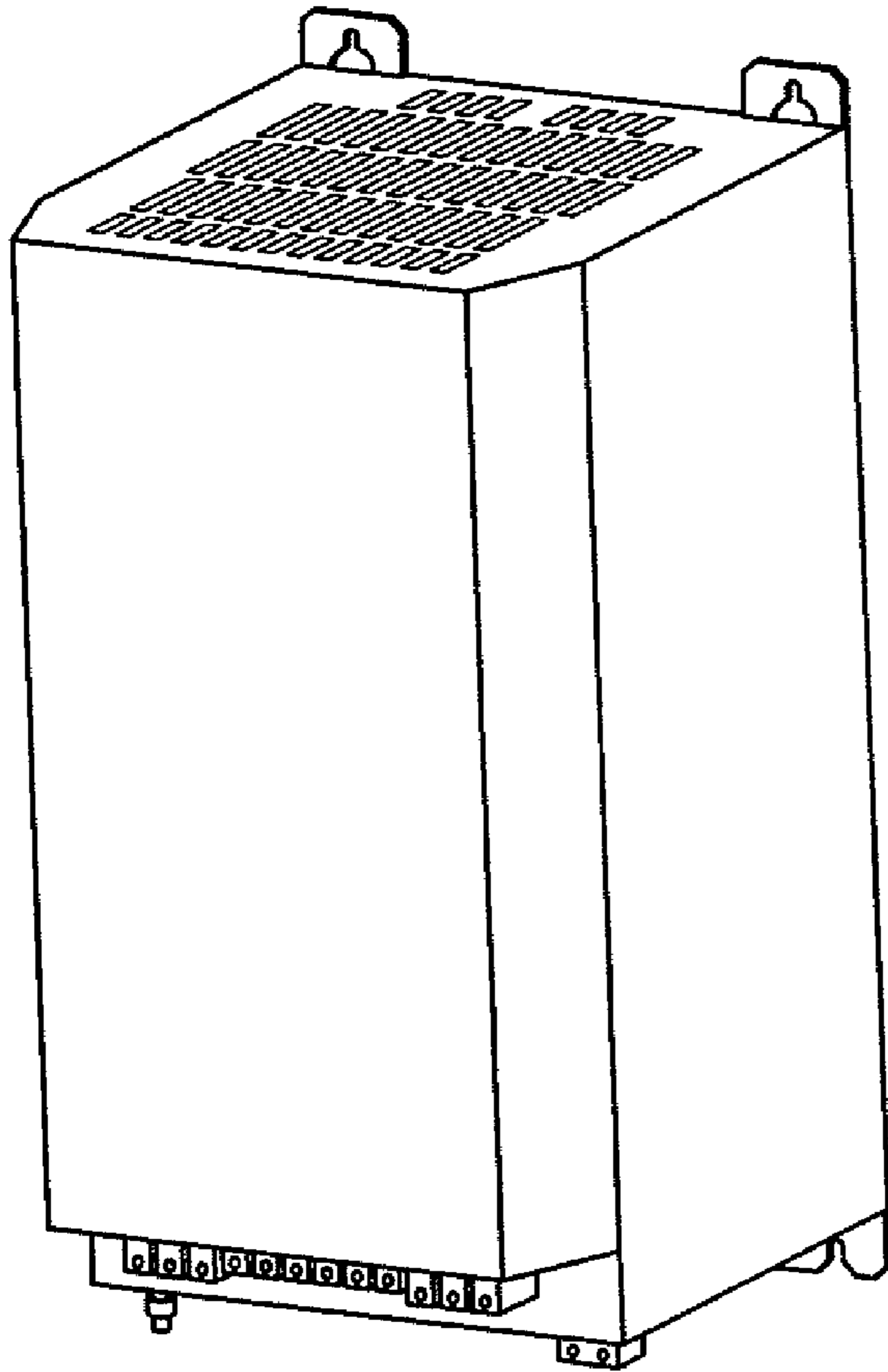


Fig. 12

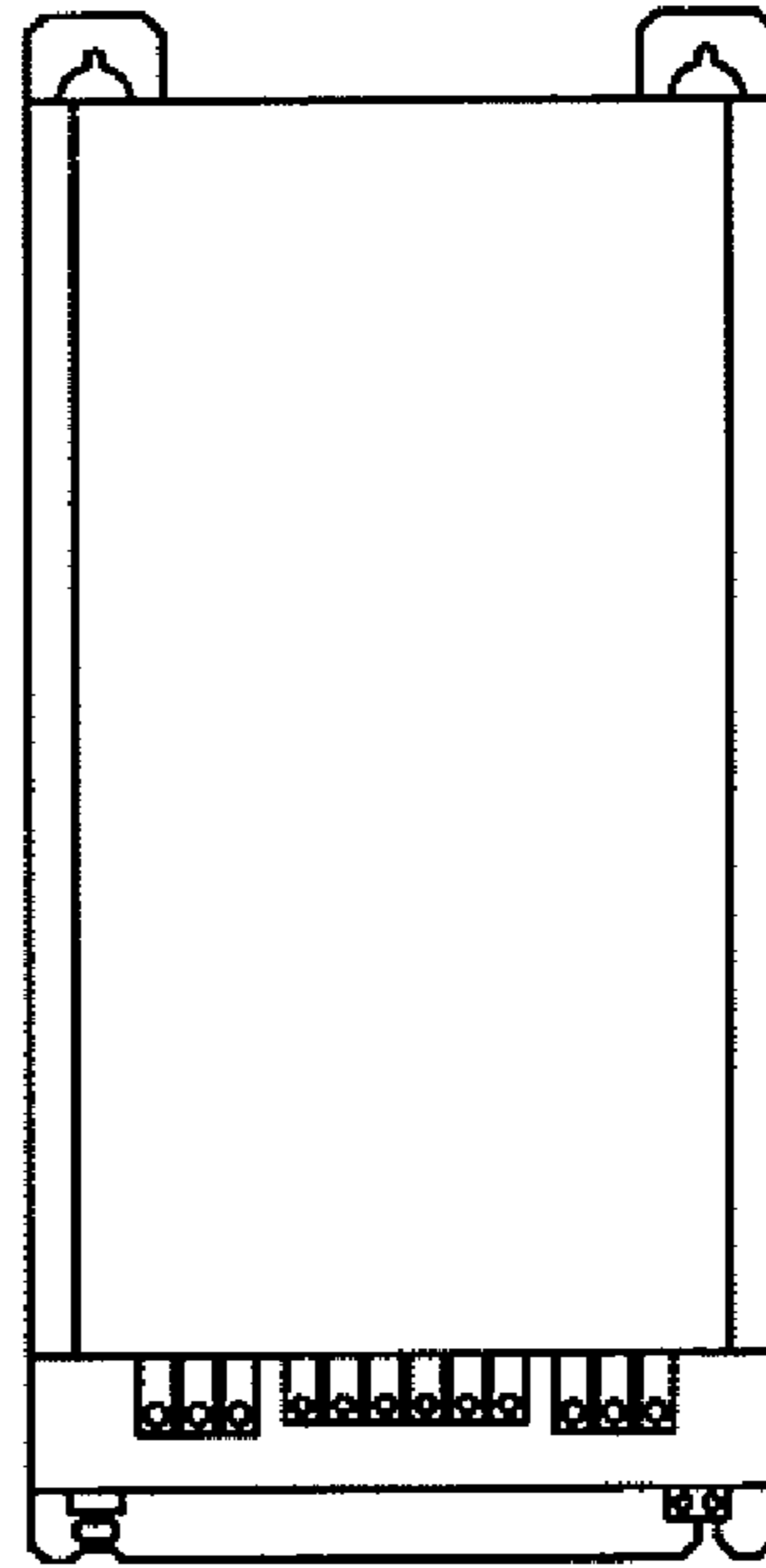


Fig. 14

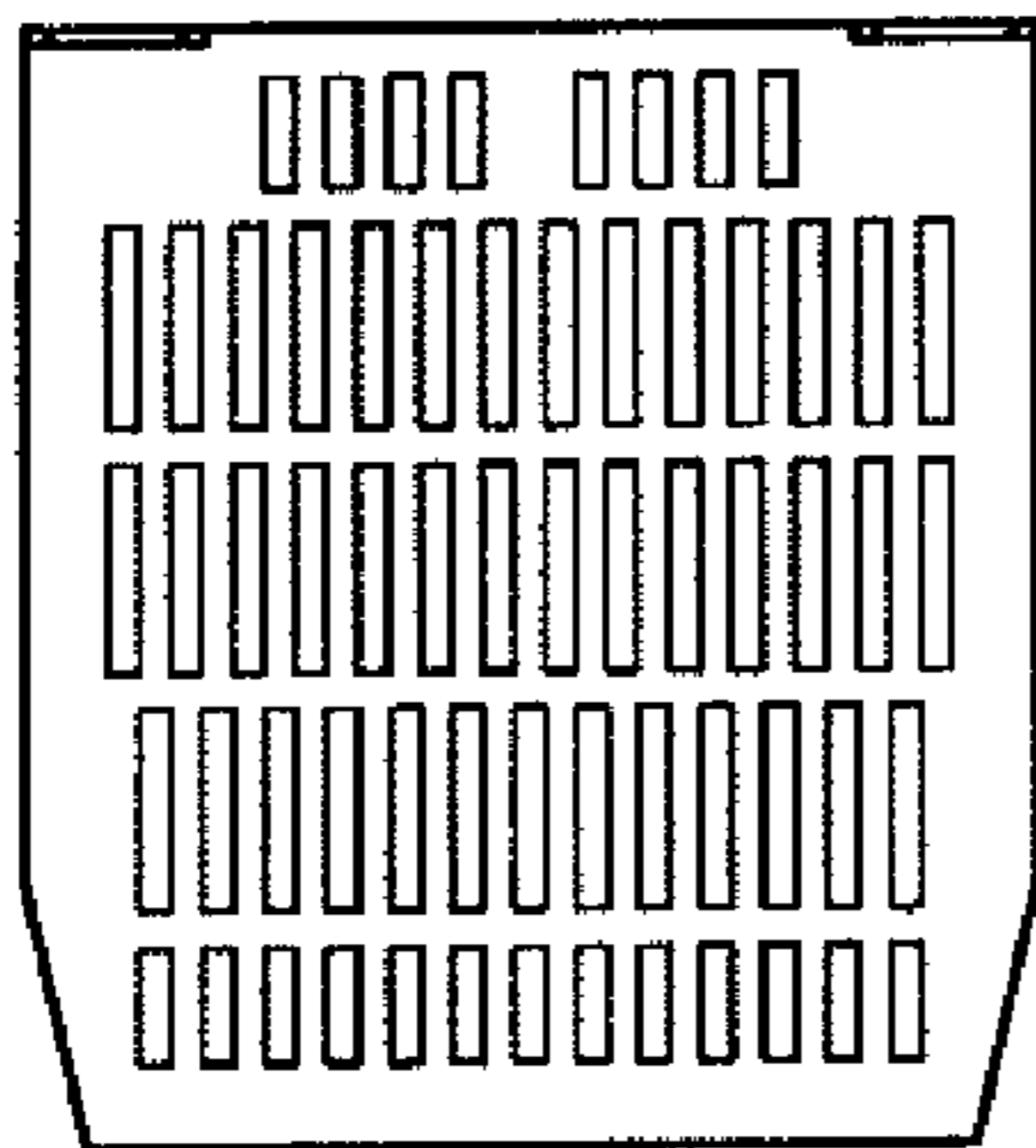


Fig. 13

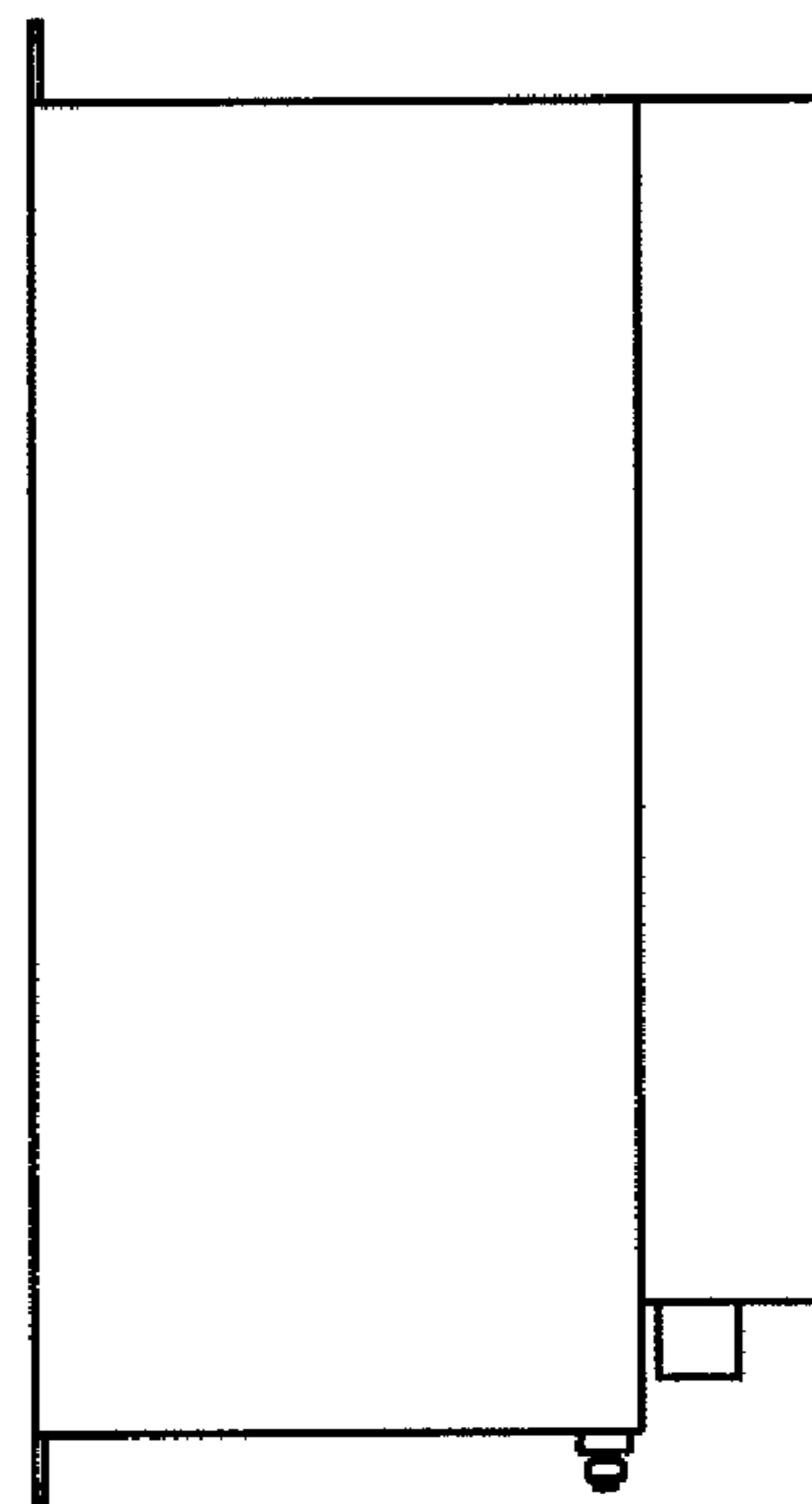


Fig. 15

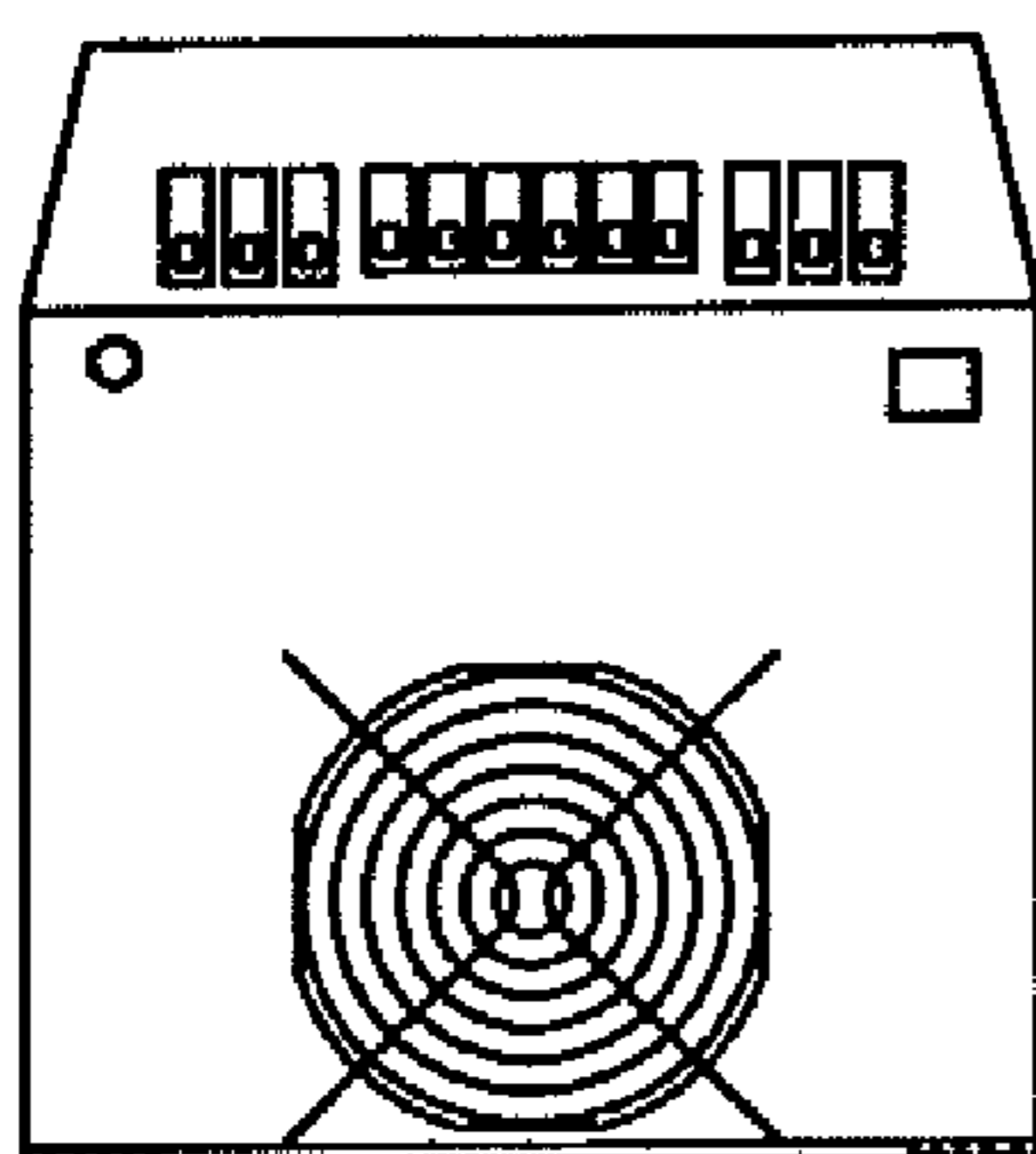


Fig. 16

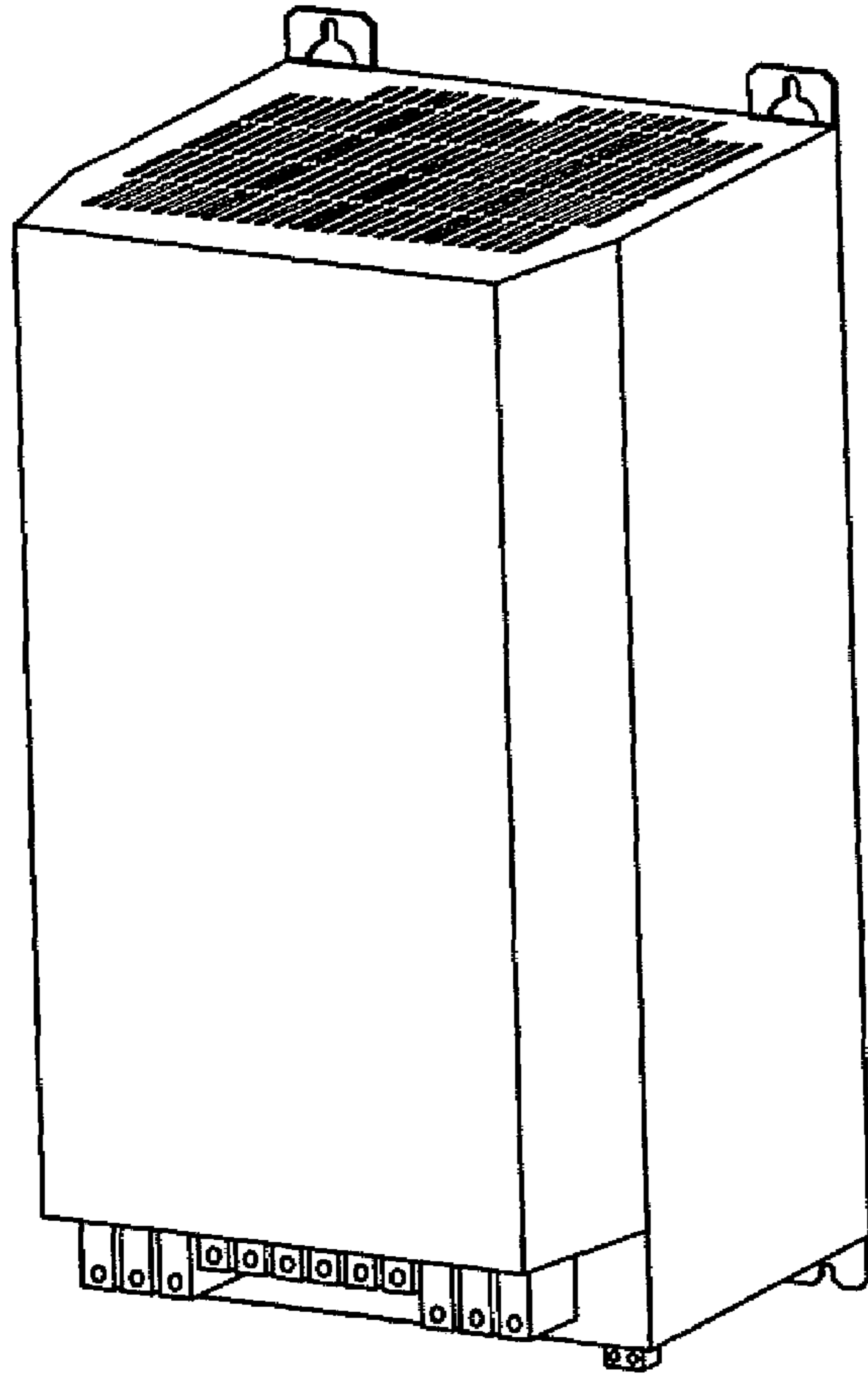


Fig. 17

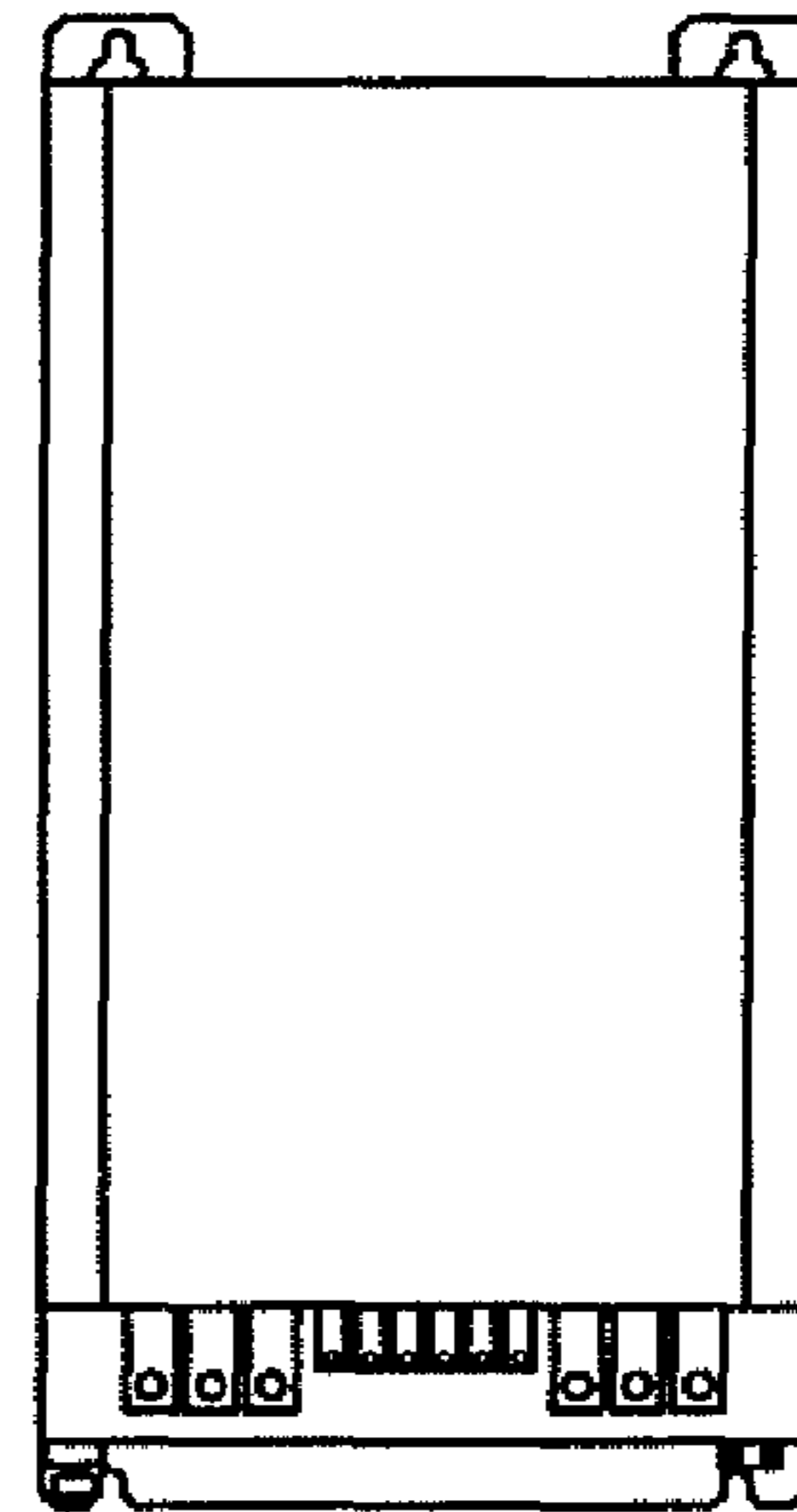


Fig. 18

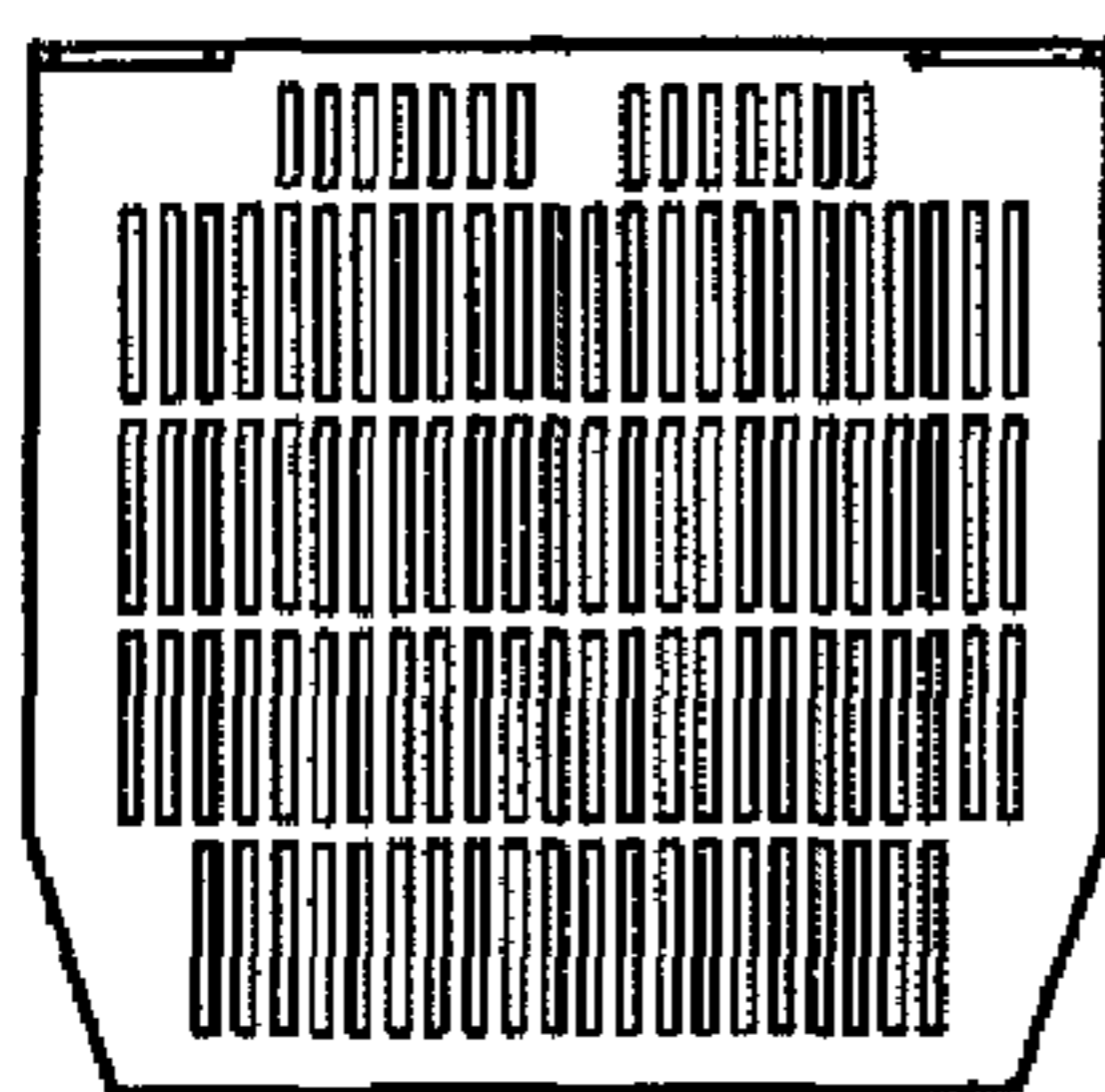
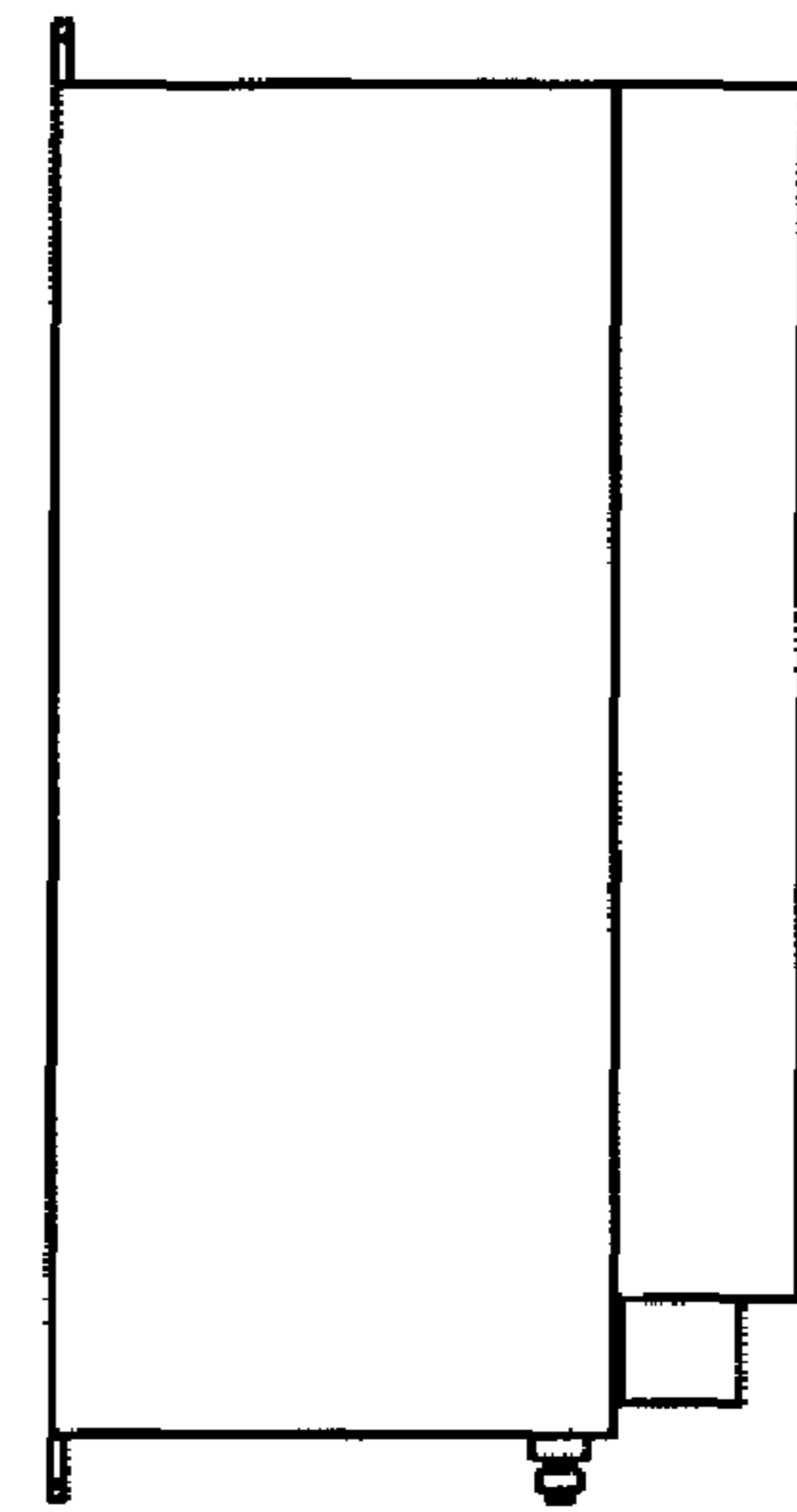


Fig. 19

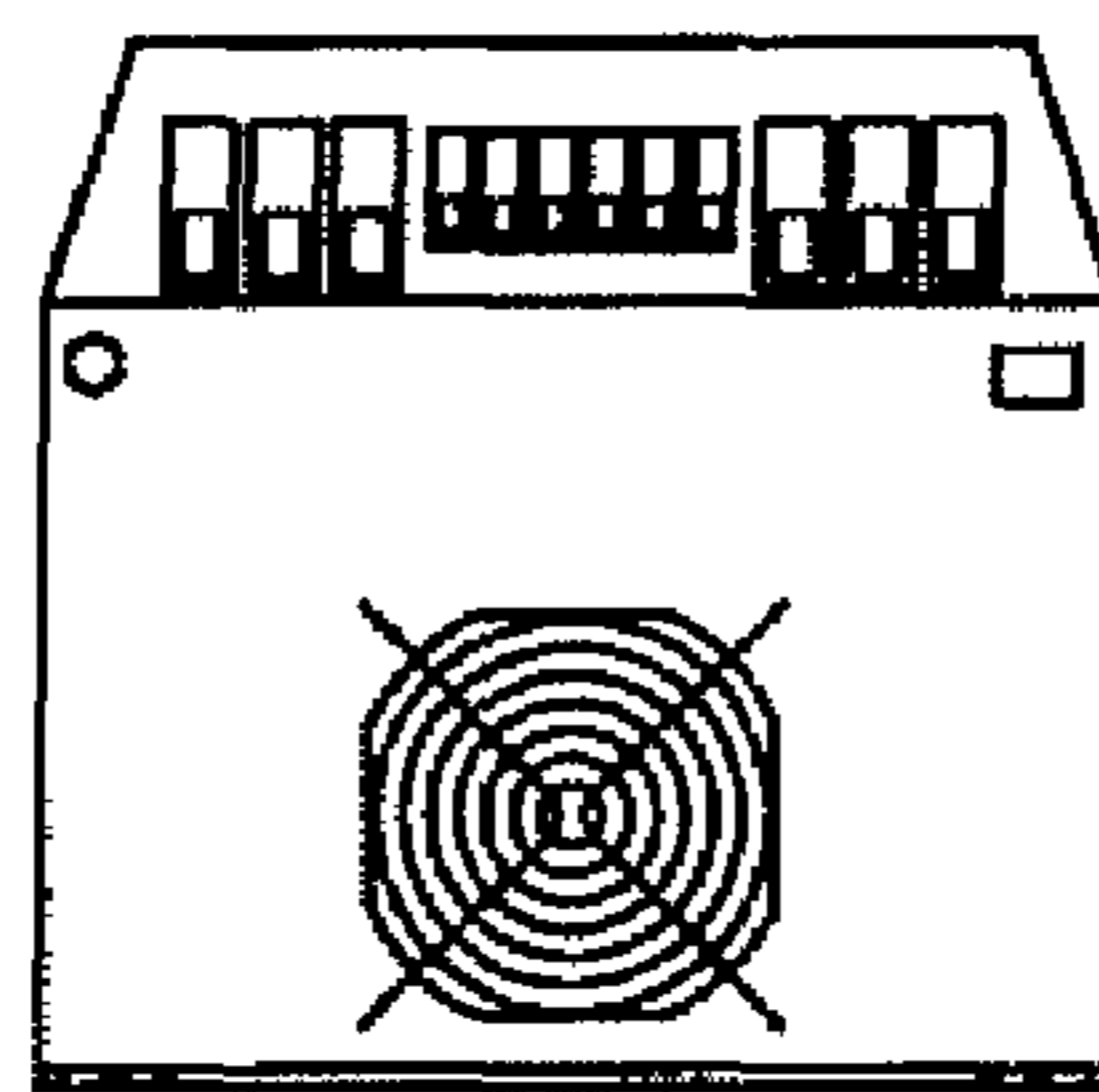


Fig. 20

Fig. 21

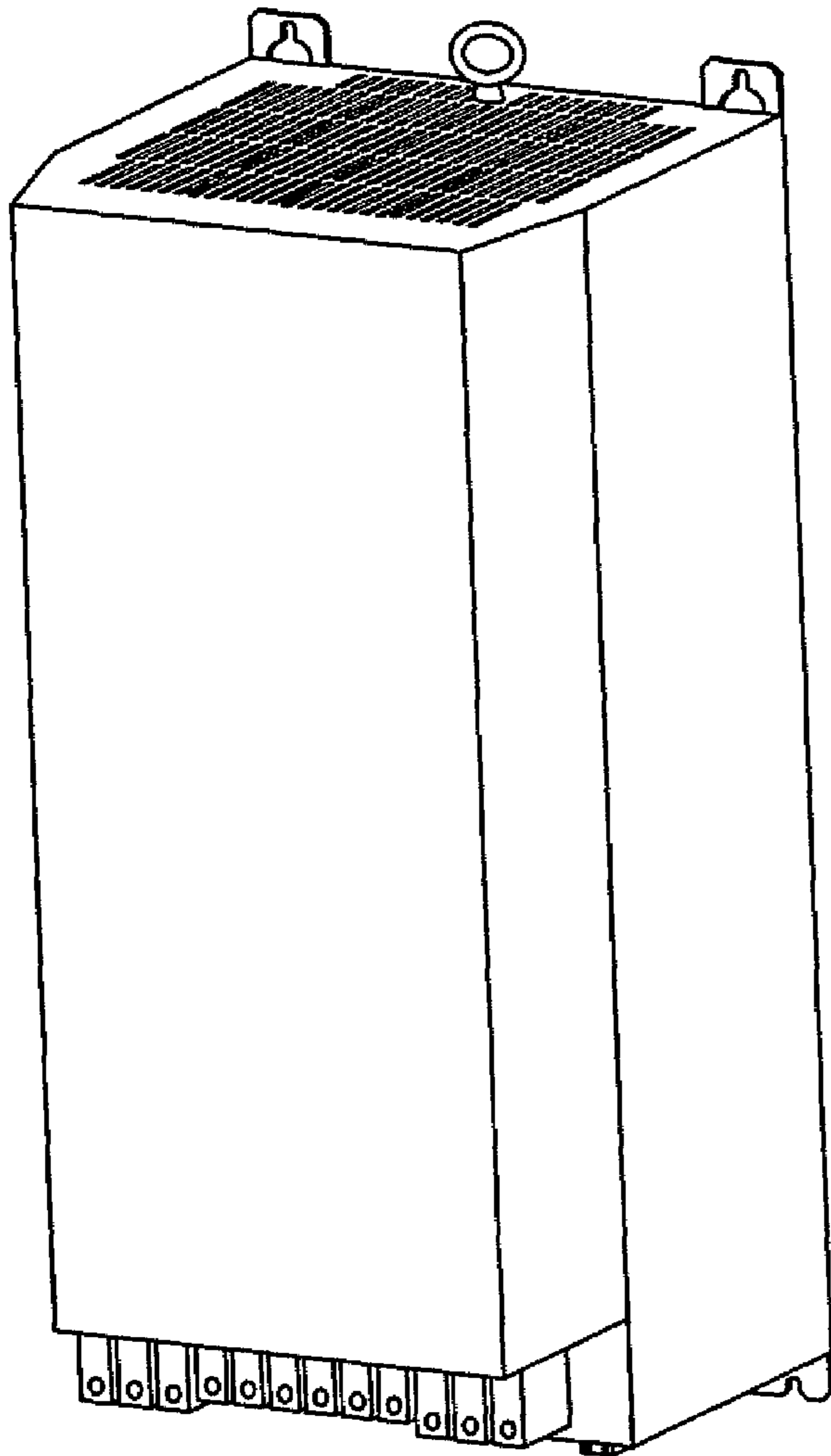


Fig. 22

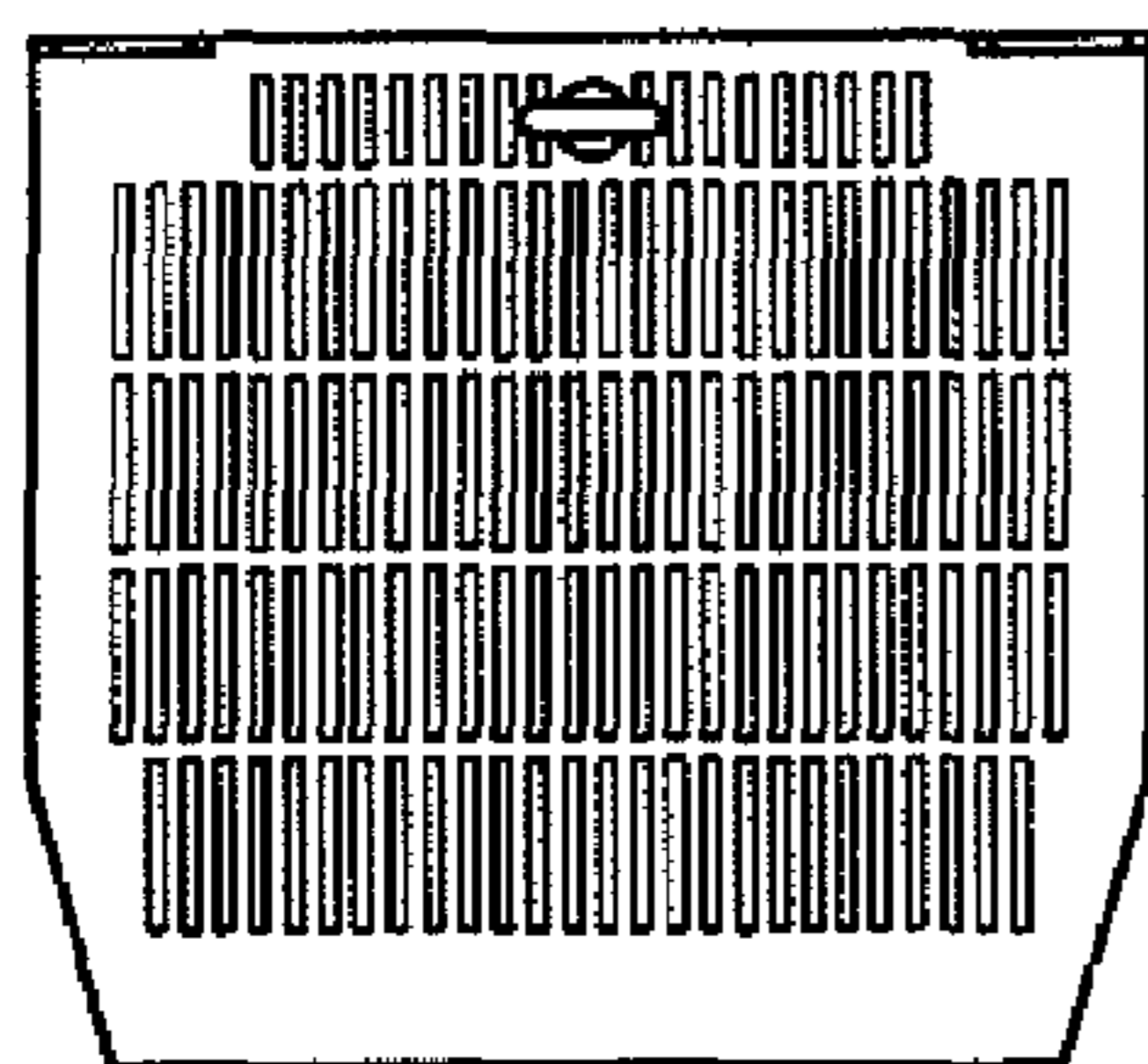
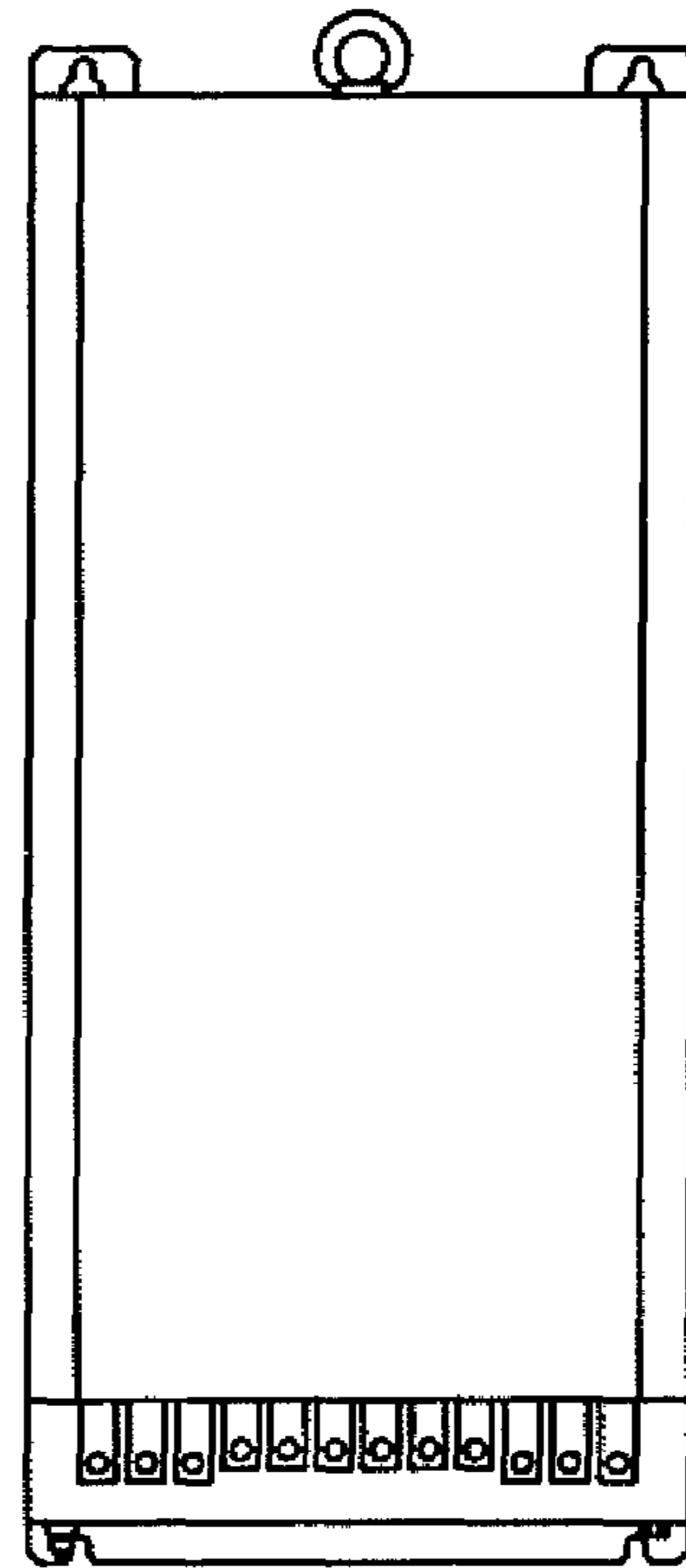


Fig. 24

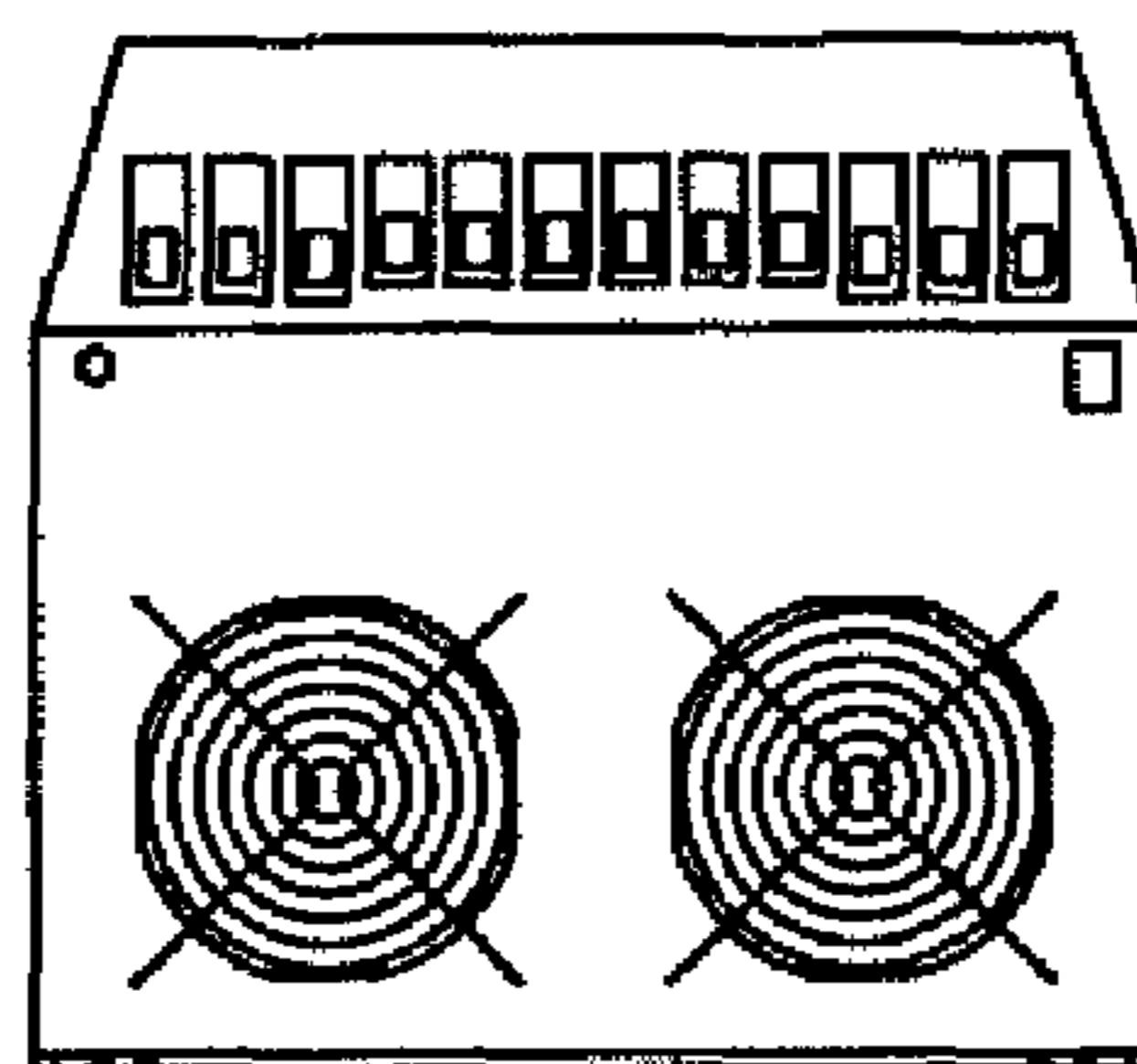


Fig. 25

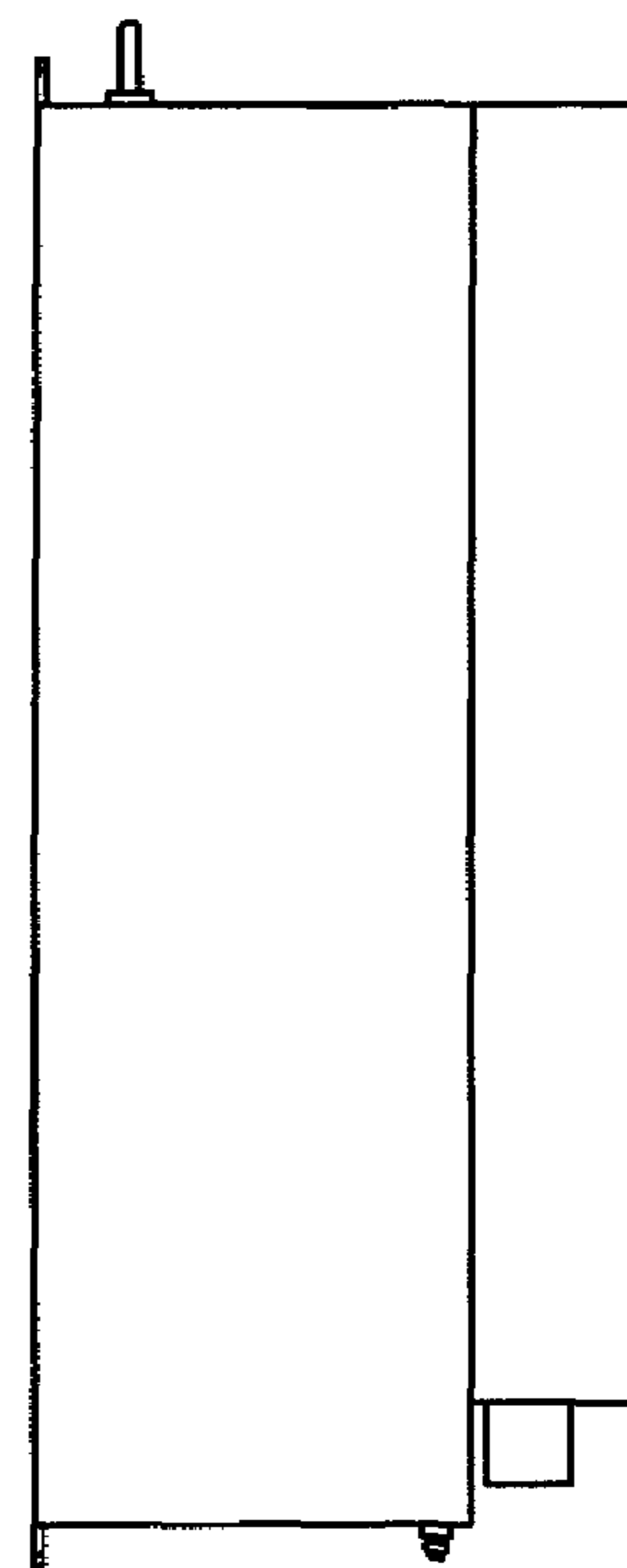


Fig. 23