



US00D421969S

# United States Patent [19]

**Kawafuji et al.**

[11] **Patent Number: Des. 421,969**

[45] **Date of Patent: \*\* Mar. 28, 2000**

[54] **SEMICONDUCTOR DEVICE**

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[73] Assignee: **Mitsubishi Denki Kabushiki Kaisha**, Tokyo, Japan

[\*\*] Term: **14 Years**

[21] Appl. No.: **29/100,732**

[22] Filed: **Feb. 17, 1999**

[30] **Foreign Application Priority Data**

Sep. 29, 1998 [JP] Japan ..... 10-27739

[51] **LOC (6) Cl.** ..... **13-03**

[52] **U.S. Cl.** ..... **D13/182**

[58] **Field of Search** ..... D13/182; 174/52.4, 174/525; 257/690; 361/752, 798, 820

[56] **References Cited**

**U.S. PATENT DOCUMENTS**

- D. 317,592 6/1991 Yoshizawa ..... D13/182
- D. 359,028 6/1995 Siegel et al. .... D13/182
- D. 360,619 7/1995 Terasawa et al. .... D13/182
- D. 394,244 5/1998 Majumdar et al. .

- D. 396,213 7/1998 Enomoto et al. .... D13/182
- D. 397,092 8/1998 Sano et al. .... D13/182
- D. 401,912 12/1998 Majumdar et al. .
- 5,089,929 2/1992 Hilland ..... D13/182 X

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[57] **CLAIM**

The ornamental design for a semiconductor device, as shown and described.

**DESCRIPTION**

FIG. 1 is a front elevational view of a semiconductor device, showing our new design;  
 FIG. 2 is a rear elevational view thereof;  
 FIG. 3 is a top plan view thereof;  
 FIG. 4 is a bottom plan view thereof;  
 FIG. 5 is a left side elevational view thereof;  
 FIG. 6 is a right side elevational view thereof;  
 FIG. 7 is an enlarged cross-sectional view thereof, taken along line 7-7 in FIG. 1;  
 FIG. 8 is an enlarged cross-sectional view thereof, taken along line 8-8 in FIG. 1; and,  
 FIG. 9 is a front, right side and bottom perspective view thereof.

**1 Claim, 6 Drawing Sheets**

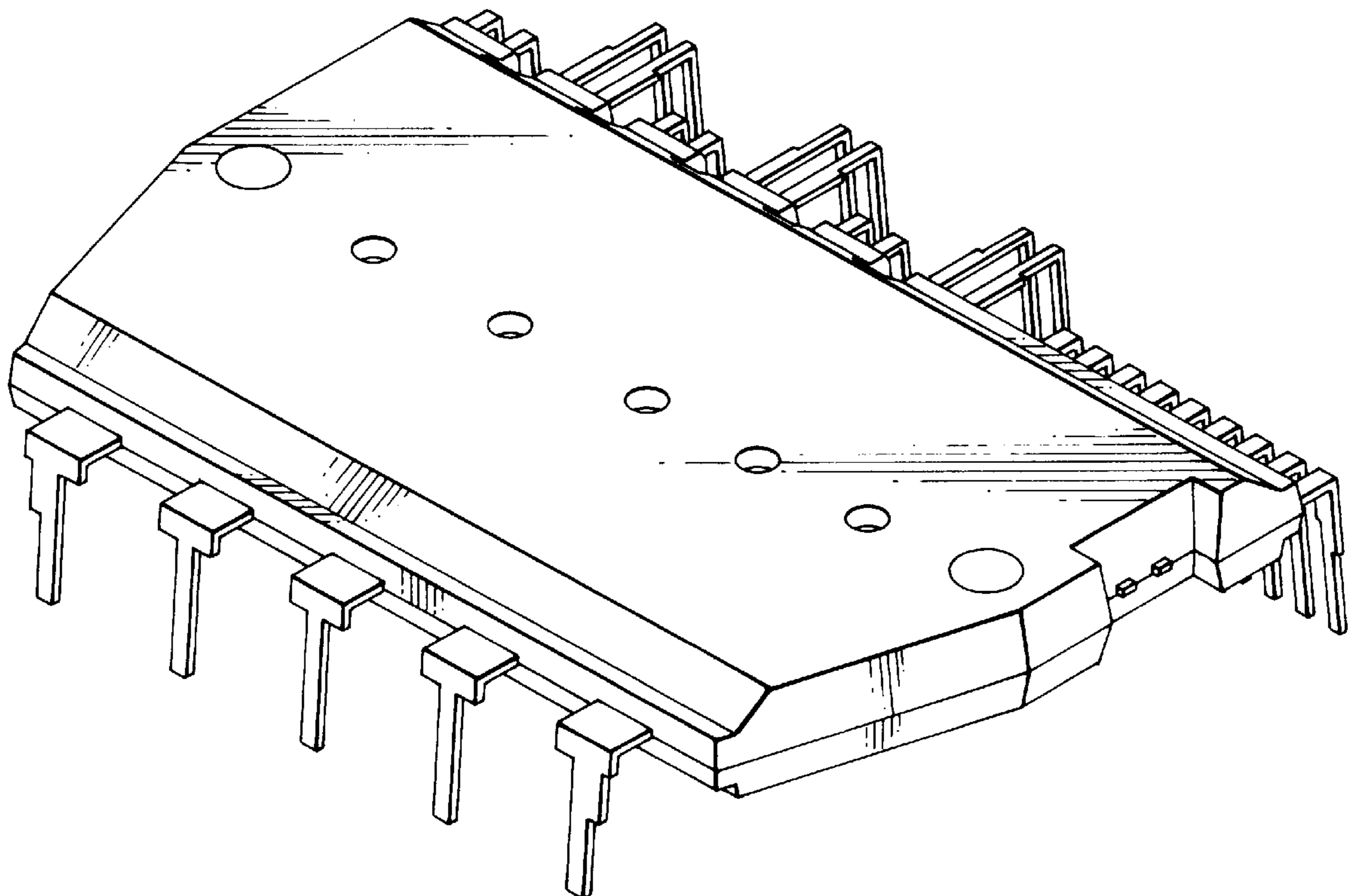


FIG. 1

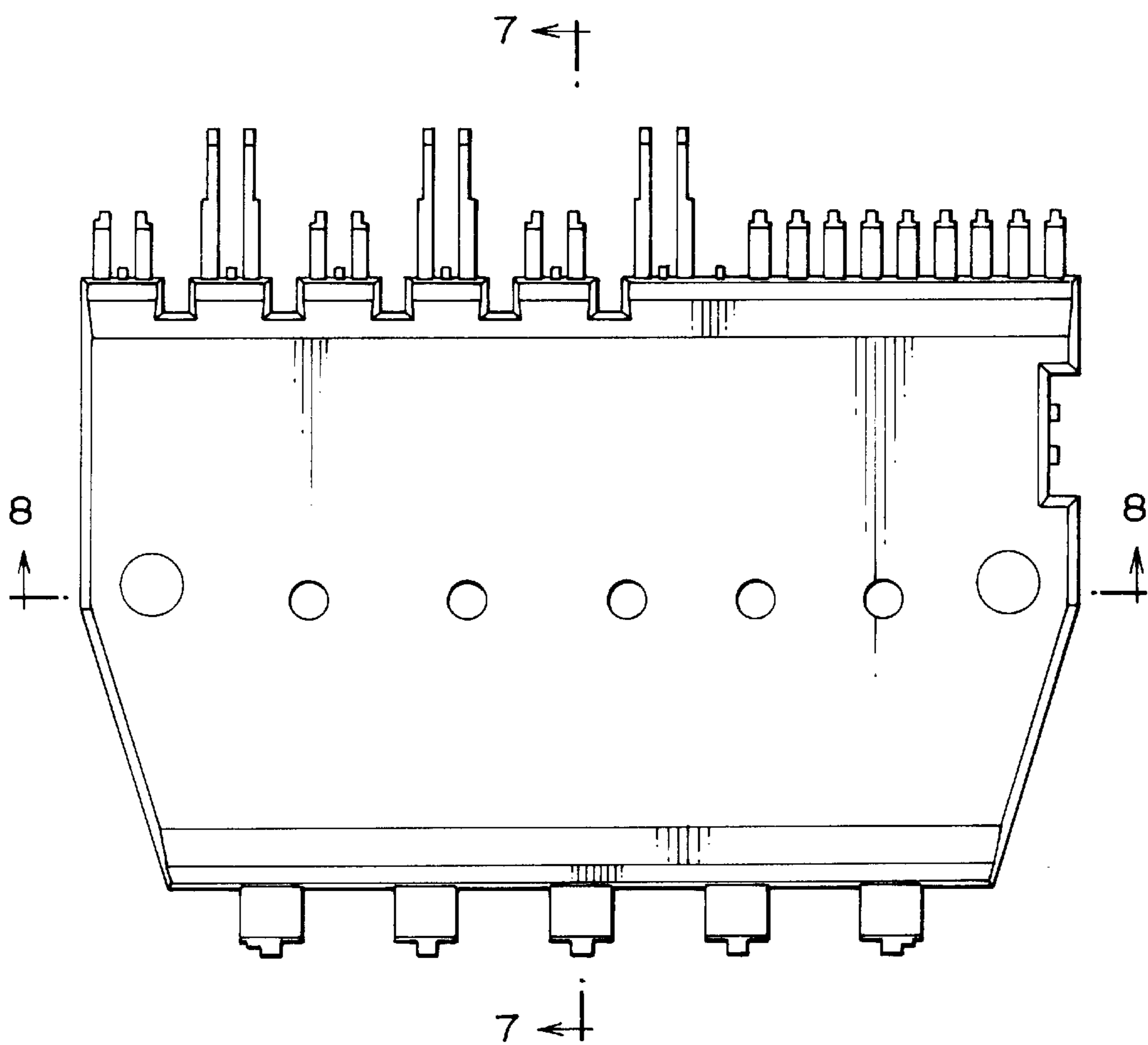


FIG. 2

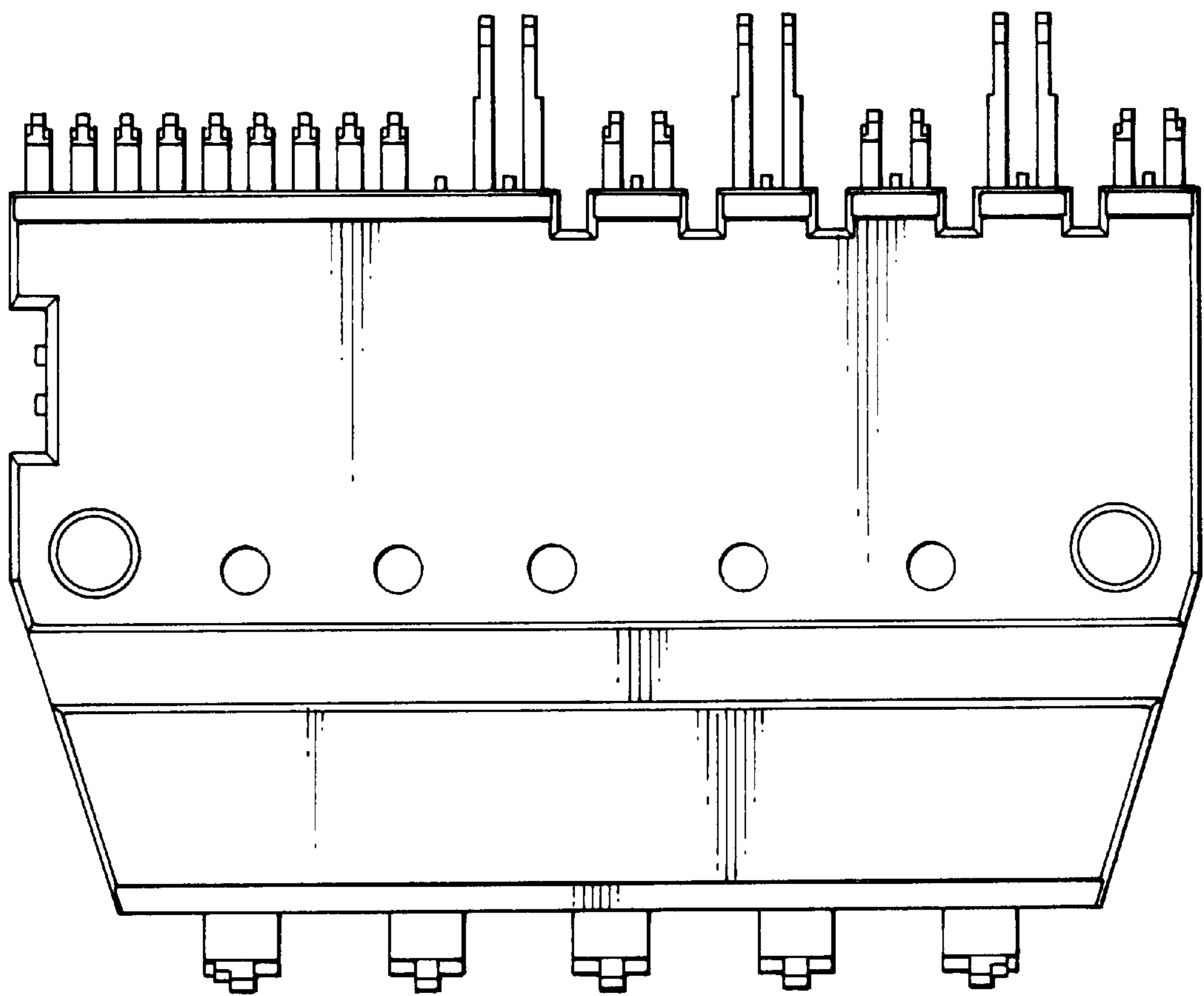


FIG. 3

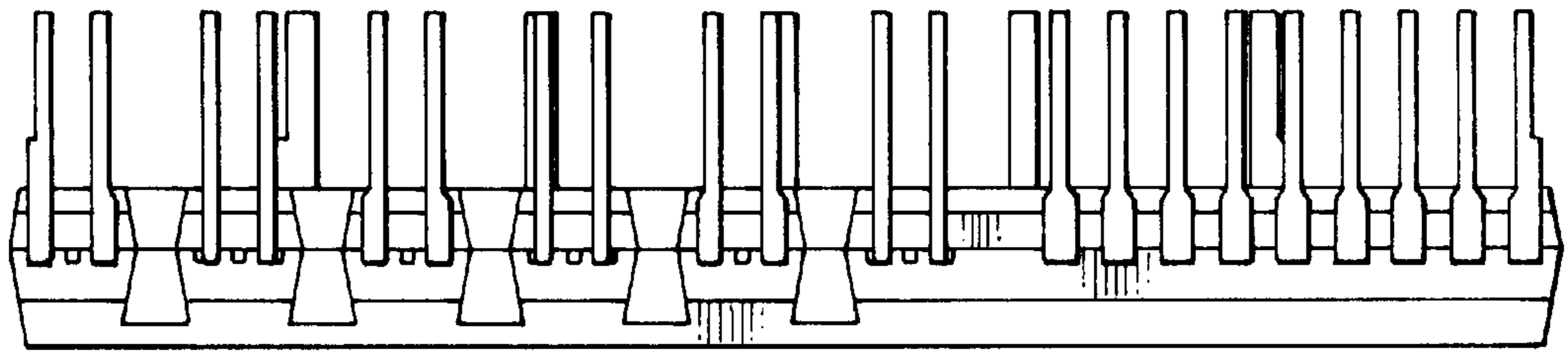


FIG. 4

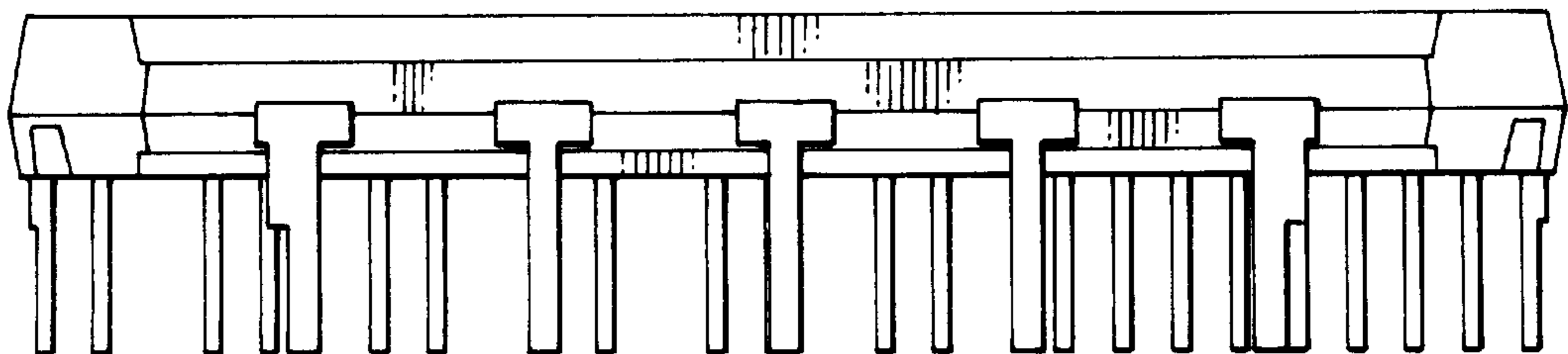


FIG. 5

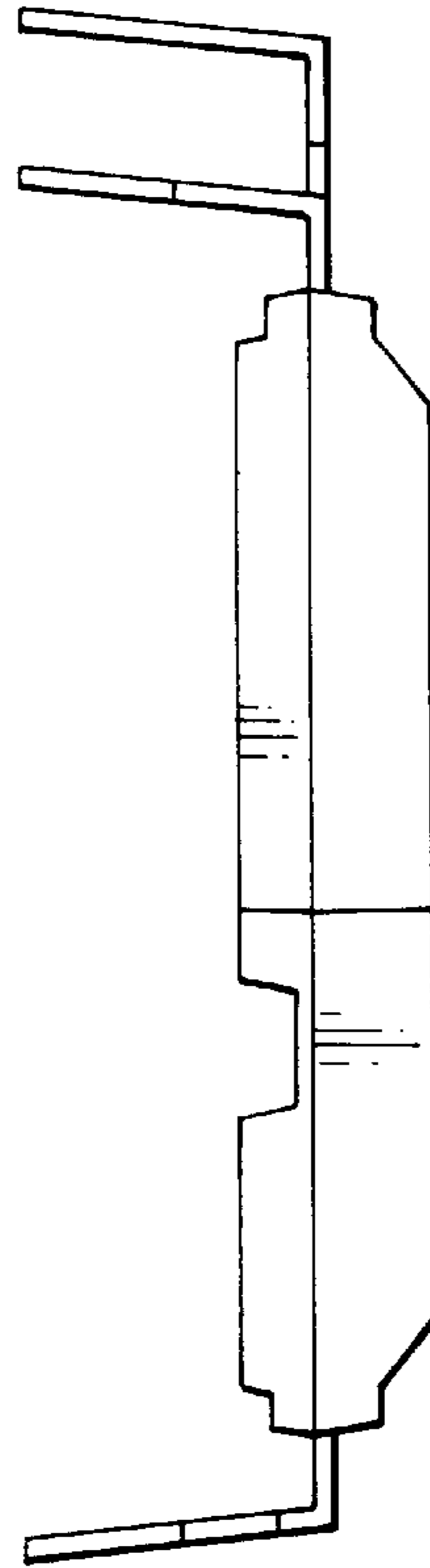


FIG. 6

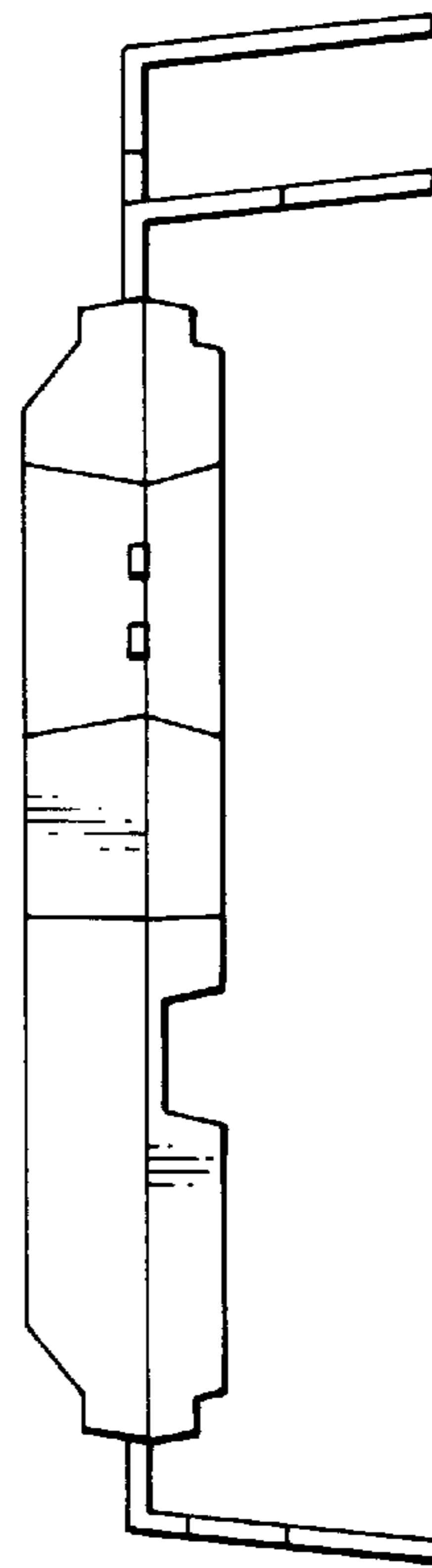


FIG. 7

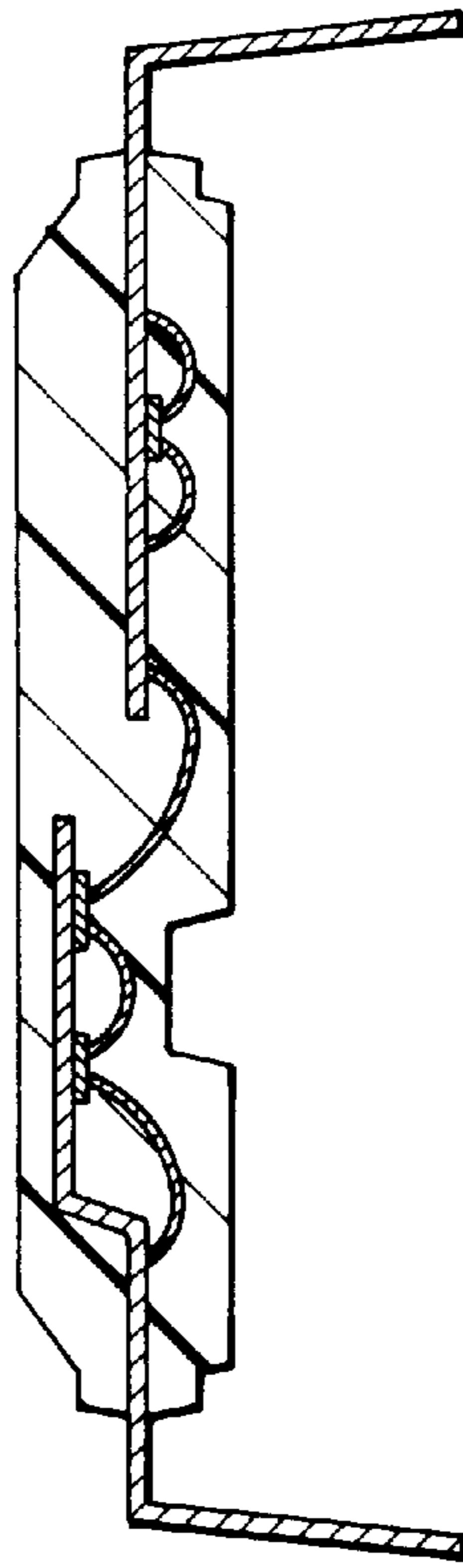


FIG. 8

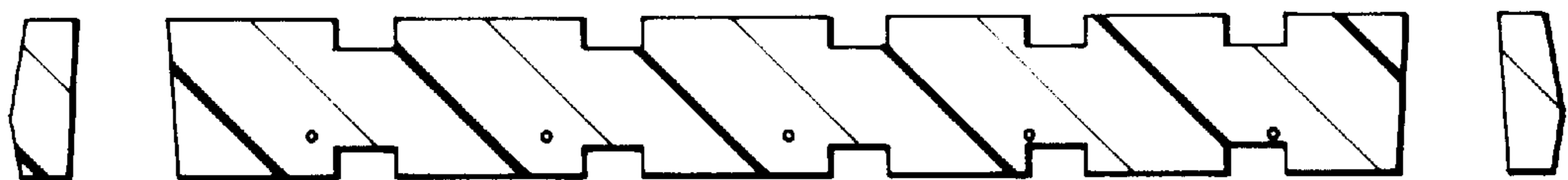


FIG. 9

