



US00D401525S

# United States Patent [19]

Sone et al.

[11] **Patent Number: Des. 401,525**

[45] **Date of Patent: \*\*Nov. 24, 1998**

[54] **ELECTRONIC SOUNDER**

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[73] Assignee: **Star Micronics Co., Ltd.**, Shizuoka-ken, Japan

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

[21] Appl. No.: **82,995**

[22] Filed: **Feb. 3, 1998**

[30] **Foreign Application Priority Data**

Aug. 8, 1997 [JP] Japan ..... 9-64363

[51] **LOC (6) Cl.** ..... **10-05**

[52] **U.S. Cl.** ..... **D10/116**

[58] **Field of Search** ..... D10/104, 106, D10/116, 119, 121; 340/384.1, 384.3, 384.7, 388.1, 390.1, 391.1, 392.1, 392.2, 392.4

[56] **References Cited**

**U.S. PATENT DOCUMENTS**

D. 254,731 4/1980 Mitumori ..... D10/116

D. 370,862 6/1996 John-Hurlow ..... D10/116  
D. 373,546 9/1996 Imakori ..... D10/116  
D. 375,275 11/1996 Suzuki ..... D10/116

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[57] **CLAIM**

The ornamental design for an electronic sounder, as shown and described.

**DESCRIPTION**

FIG. 1 is a perspective view of an electronic sounder showing my new design; FIG. 2 is a front elevational view thereof; FIG. 3 is a rear elevational view thereof; FIG. 4 is a top plan view thereof; FIG. 5 is a bottom plan view thereof; FIG. 6 is a right side elevational view thereof (of which a left side elevational view would be the same as the right side elevational view); FIG. 7 is a cross-sectional view thereof taken on line 7—7 of FIG. 2, an internal mechanism of which is not shown; and, FIG. 8 is a cross-sectional view thereof taken on line 8—8 of FIG. 4.

**1 Claim, 5 Drawing Sheets**

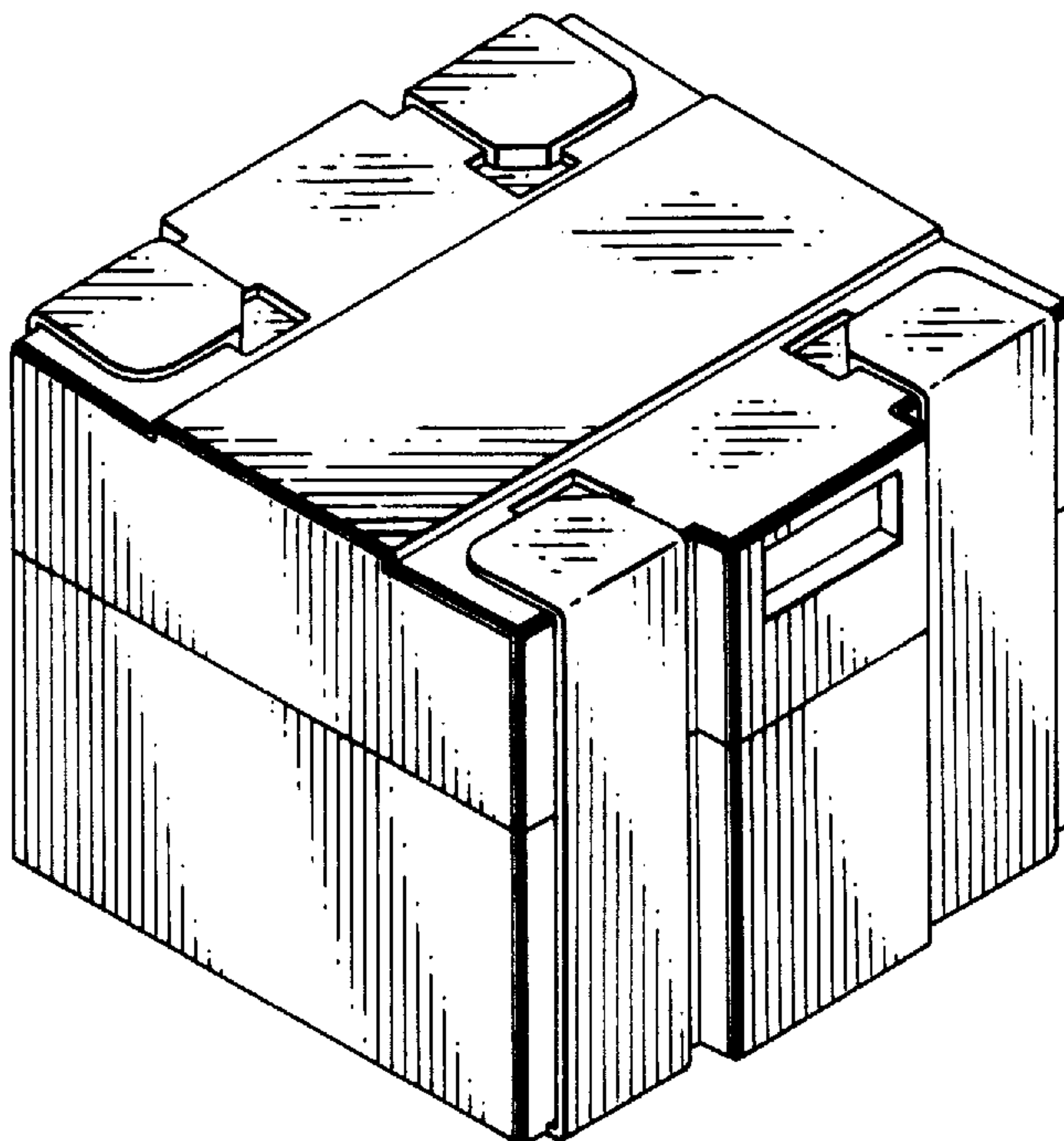


FIG. 1

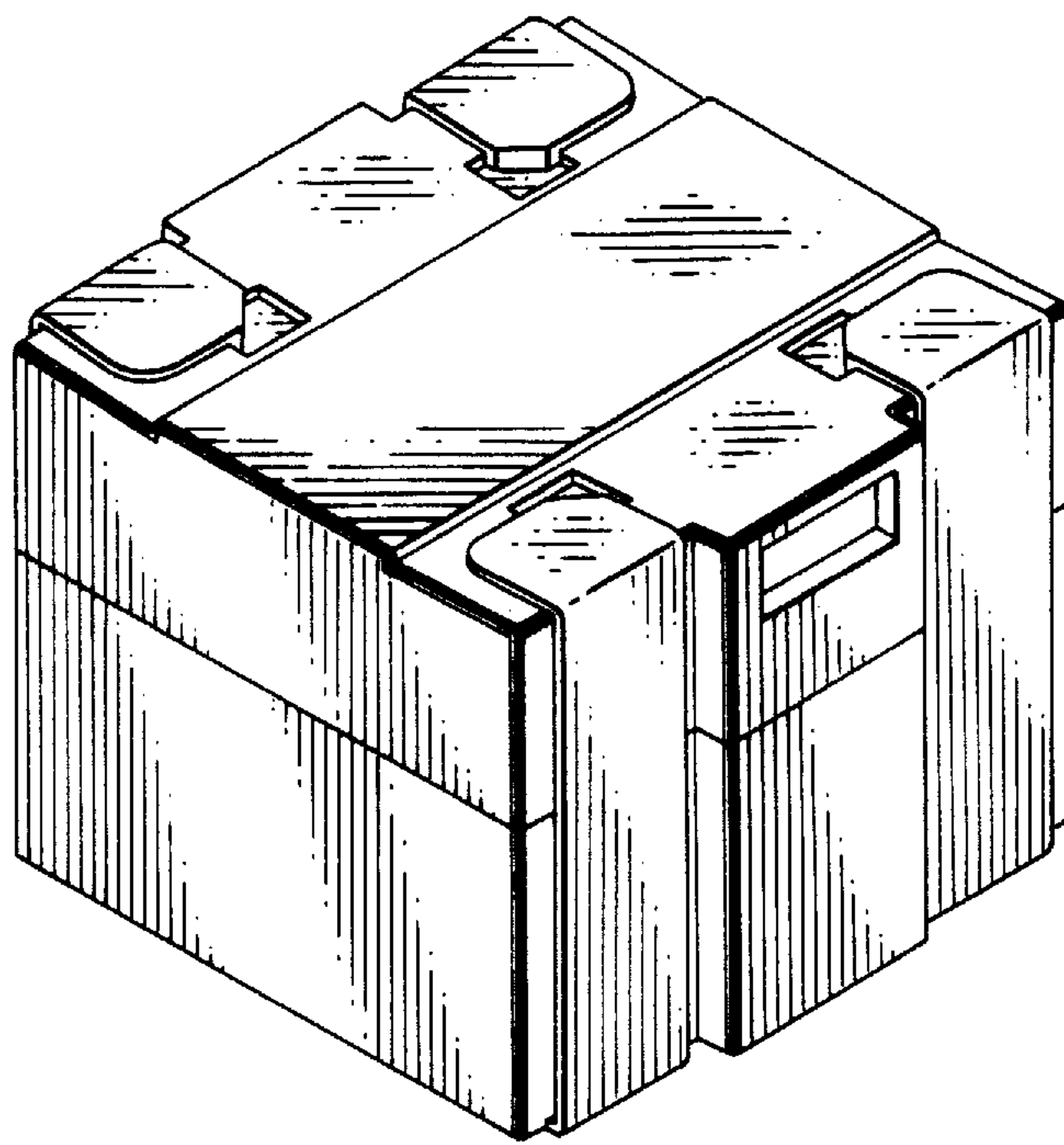


FIG. 2

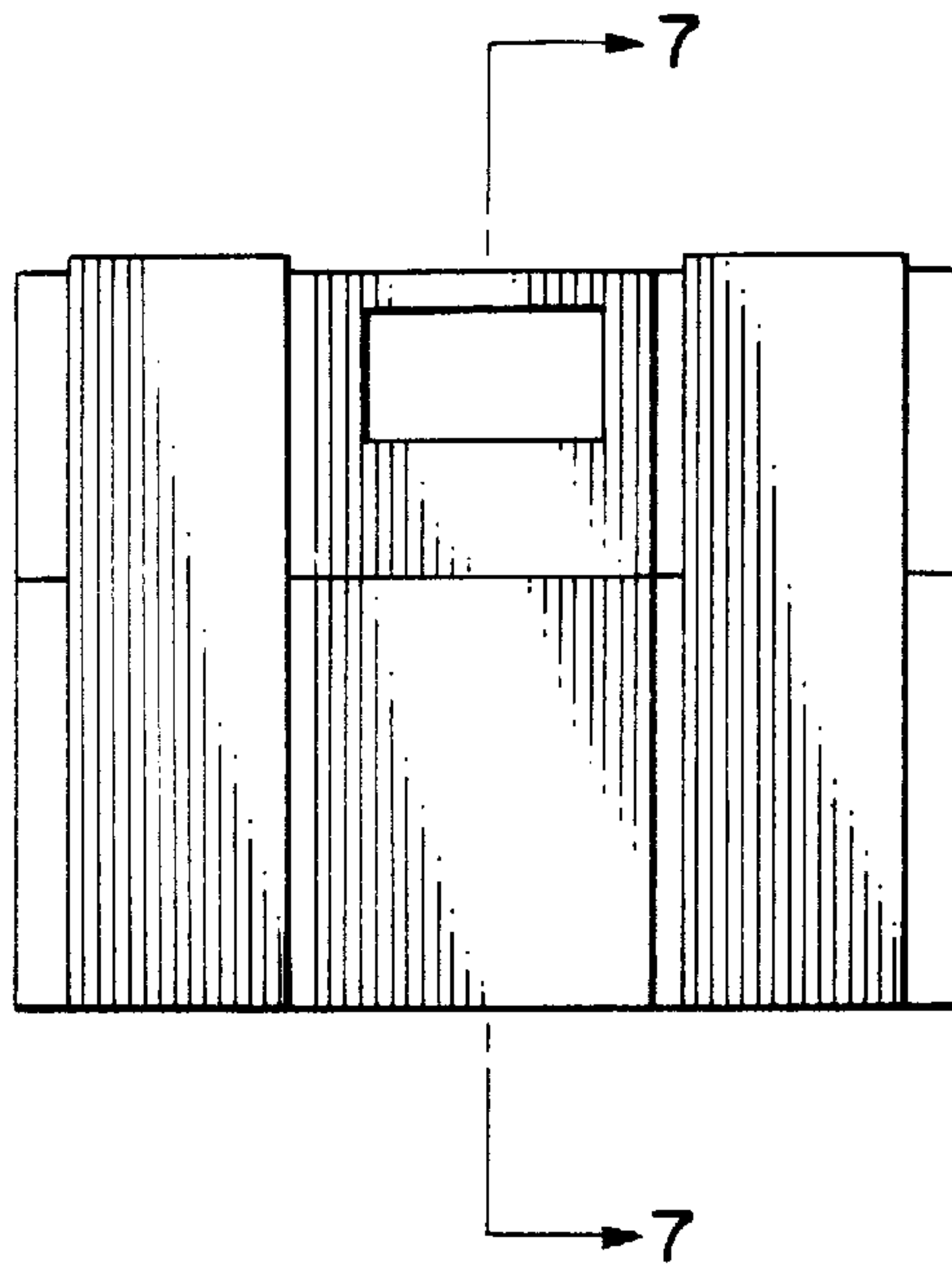


FIG. 3

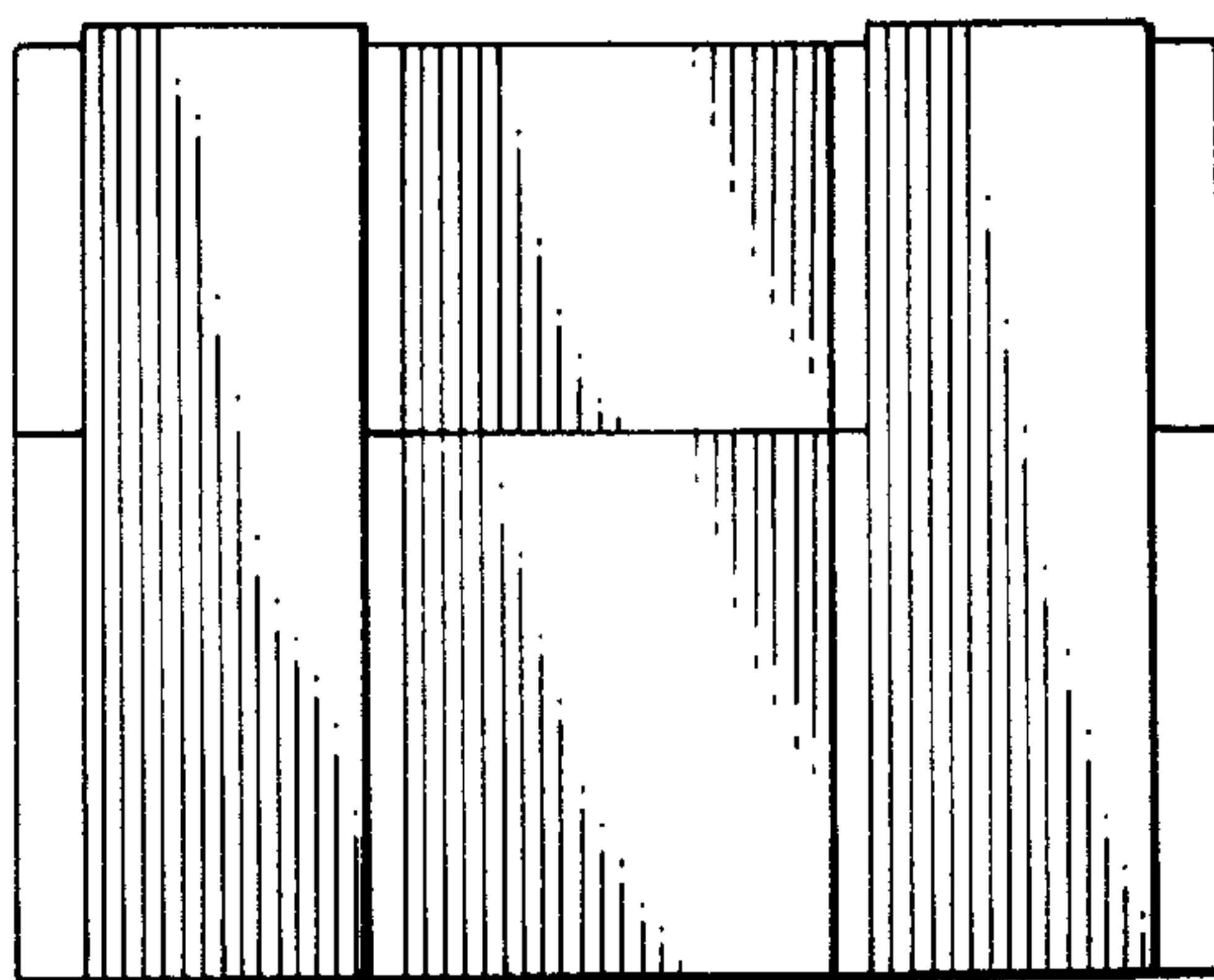


FIG. 4

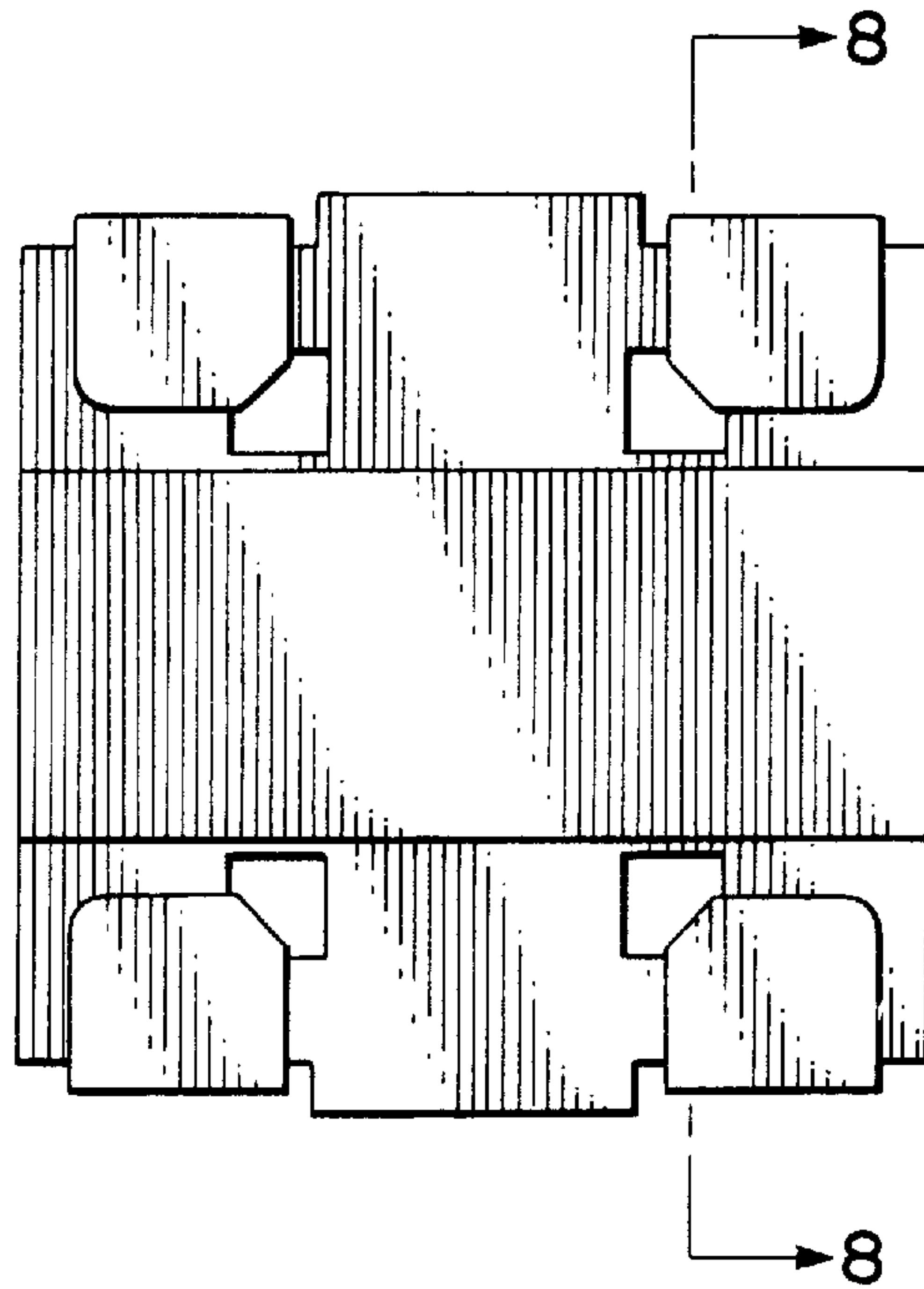


FIG. 5

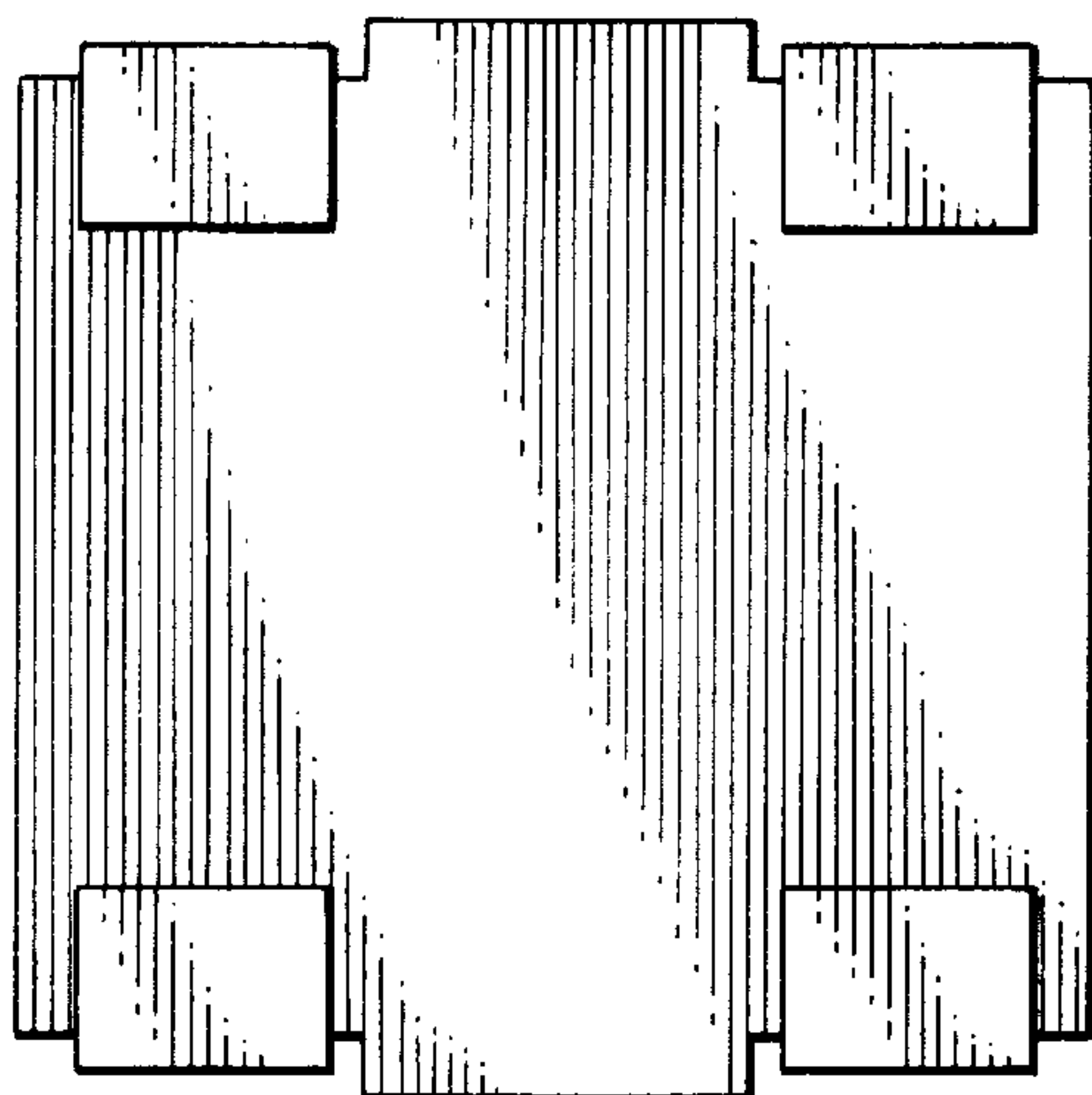


FIG. 6

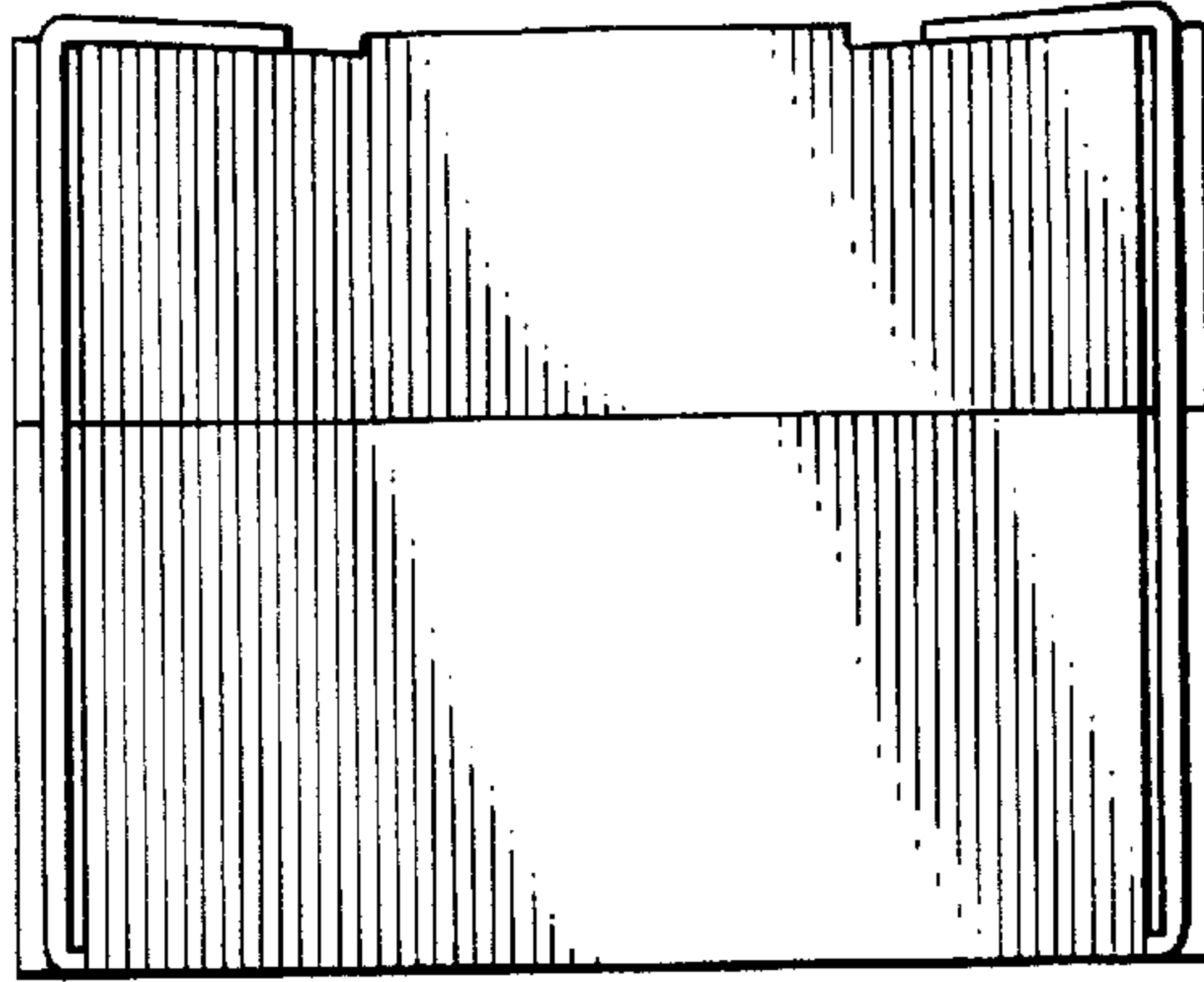


FIG. 7

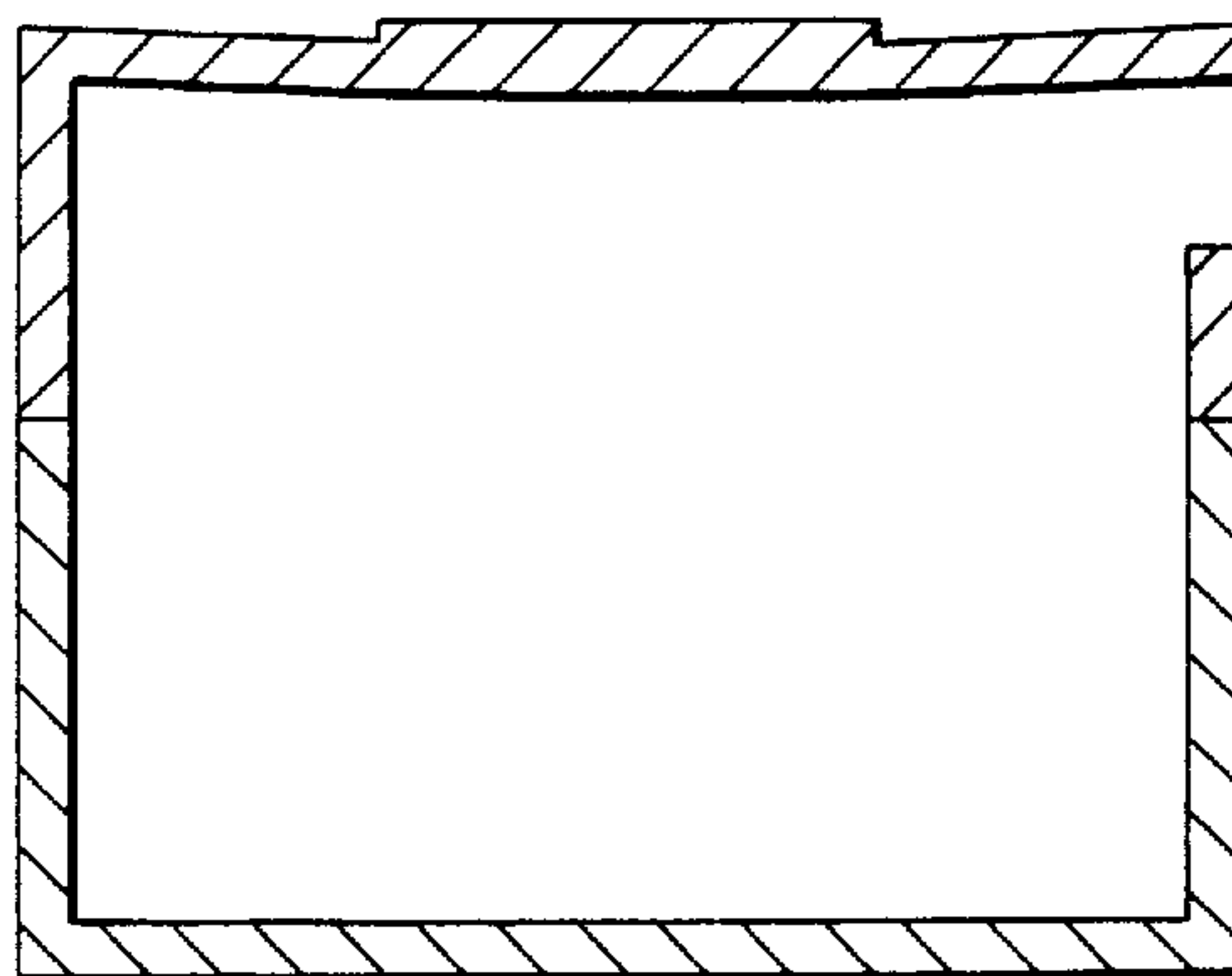


FIG. 8

