



US00D508235S

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

(10) **Patent No.:** **US D508,235 S**
(45) **Date of Patent:** **** Aug. 9, 2005**

(54) **LIGHT EMITTING DIODE**

(75) **Inventor:** **Ryoma Suenaga, Komatsushima (JP)**

(73) **Assignee:** **Nichia Corporation, Anan (JP)**

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

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(30) **Foreign Application Priority Data**

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Dec. 5, 2003	(JP)	2003-036144
Dec. 5, 2003	(JP)	2003-036145
Dec. 5, 2003	(JP)	2003-036146

(51) **LOC (8) Cl.** **13-03**

(52) **U.S. Cl.** **D13/180**

(58) **Field of Search** D13/180, 182;
174/52.4; 257/81, 91, 99, 431, 433, 466,
E33.057, 666; 313/500; 315/169.2, 169.3;
331/68; 333/203

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Primary Examiner—Stella Reid

Assistant Examiner—Selina Sikder

(74) *Attorney, Agent, or Firm*—Smith Patent Office

(57) **CLAIM**

I claim the ornamental design for the light emitting diode, as shown and described.

DESCRIPTION

FIG. 1 is a top plan view of the light emitting diode showing my new design;

FIG. 2 is a left view of the light emitting diode according to the embodiment of FIG. 1;

FIG. 3 is a front elevational view of the light emitting diode according to the embodiment of FIG. 1;

FIG. 4 is a right view of the light emitting diode according to the embodiment of FIG. 1;

FIG. 5 is a bottom plan of the light emitting diode according to the embodiment of FIG. 1;

FIG. 6 is a rear elevational view of the light emitting diode according to the embodiment of FIG. 1;

FIG. 7 is a perspective view of a light emitting diode according to the embodiment of FIG. 1;

FIG. 8 is a top plan view of a light emitting diode according to another embodiment of my new design;

FIG. 9 is a left view of the light emitting diode according to the embodiment of FIG. 8;

FIG. 10 is a front elevational view of the light emitting diode according to the embodiment of FIG. 8;

FIG. 11 is a right view of the light emitting diode according to the embodiment of FIG. 8;

FIG. 12 is a bottom plan of the light emitting diode according to the embodiment of FIG. 8;

FIG. 13 is a rear elevational view of the light emitting diode according to the embodiment of FIG. 8;

FIG. 14 is a perspective view of a light emitting diode according to the embodiment of FIG. 8;

FIG. 15 is a top plan view of a light emitting diode according to still another embodiment of my new design;

FIG. 16 is a left view of the light emitting diode according to the embodiment of FIG. 15;

FIG. 17 is a front elevational view of the light emitting diode according to the embodiment of FIG. 15;

FIG. 18 is a right view of the light emitting diode according to the embodiment of FIG. 15;

FIG. 19 is a bottom plan of the light emitting diode according to the embodiment of FIG. 15;

FIG. 20 is a rear elevational view of the light emitting diode according to the embodiment of FIG. 15;

FIG. 21 is a perspective view of a light emitting diode according to the embodiment of FIG. 15;

FIG. 22 is a top plan view of a light emitting diode according to still another embodiment of my new design;

FIG. 23 is a left view of the light emitting diode according to the embodiment of FIG. 22;

FIG. 24 is a front elevational view of the light emitting diode according to the embodiment of FIG. 22;

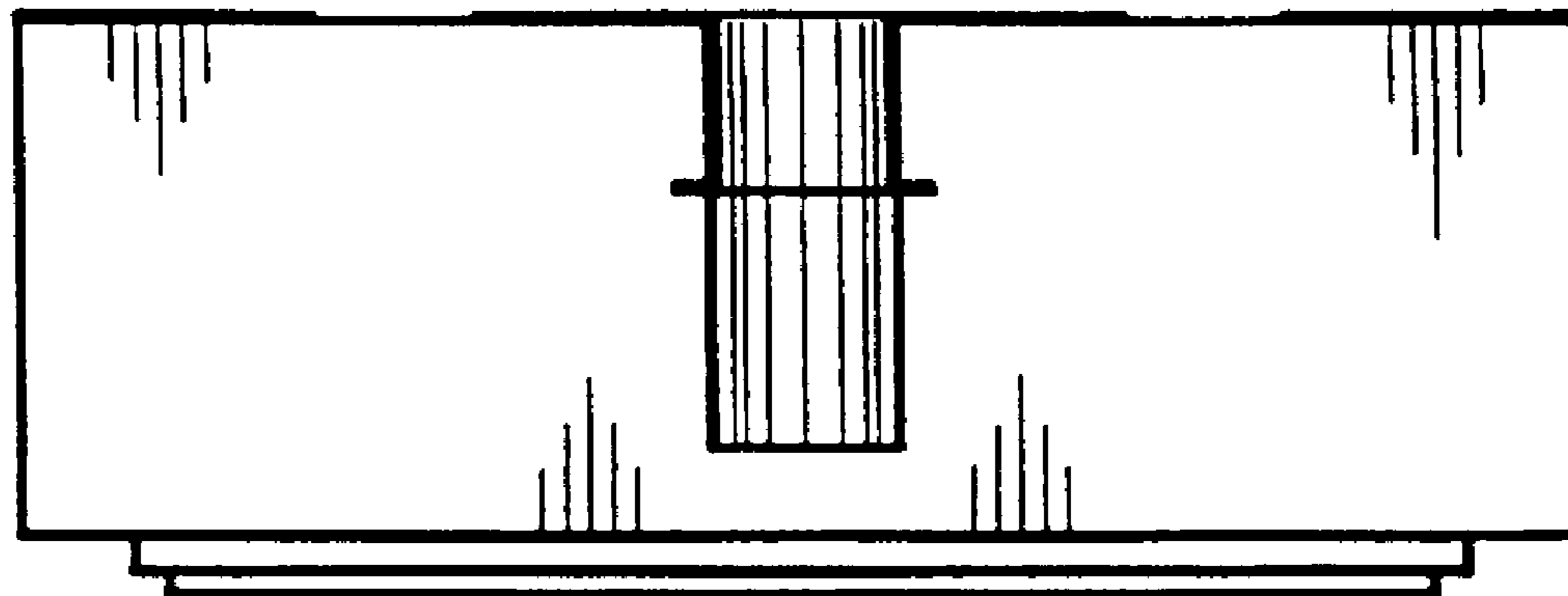
FIG. 25 is a right view of the light emitting diode according to the embodiment of FIG. 22;

FIG. 26 is a bottom plan of the light emitting diode according to the embodiment of FIG. 22;

FIG. 27 is a rear elevational view of the light emitting diode according to the embodiment of FIG. 22; and,

FIG. 28 is a perspective view of a light emitting diode according to the embodiment of FIG. 22.

1 Claim, 8 Drawing Sheets



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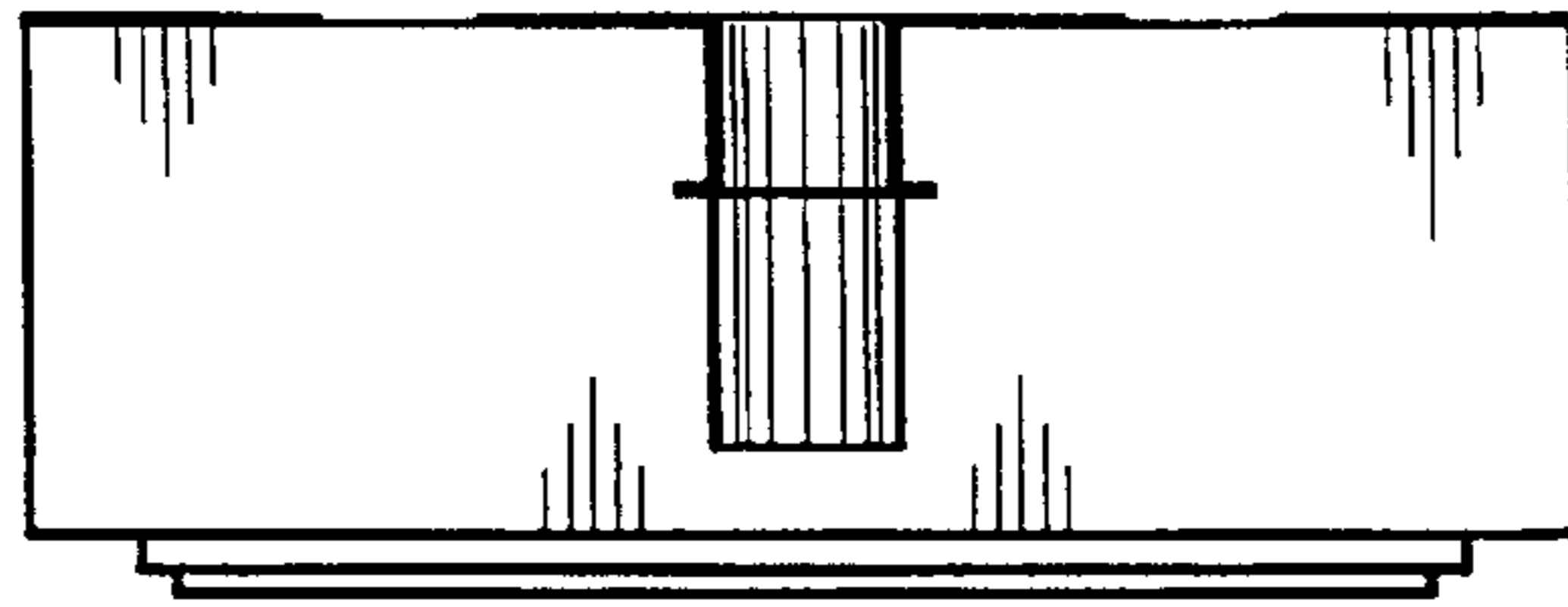


Fig. 1

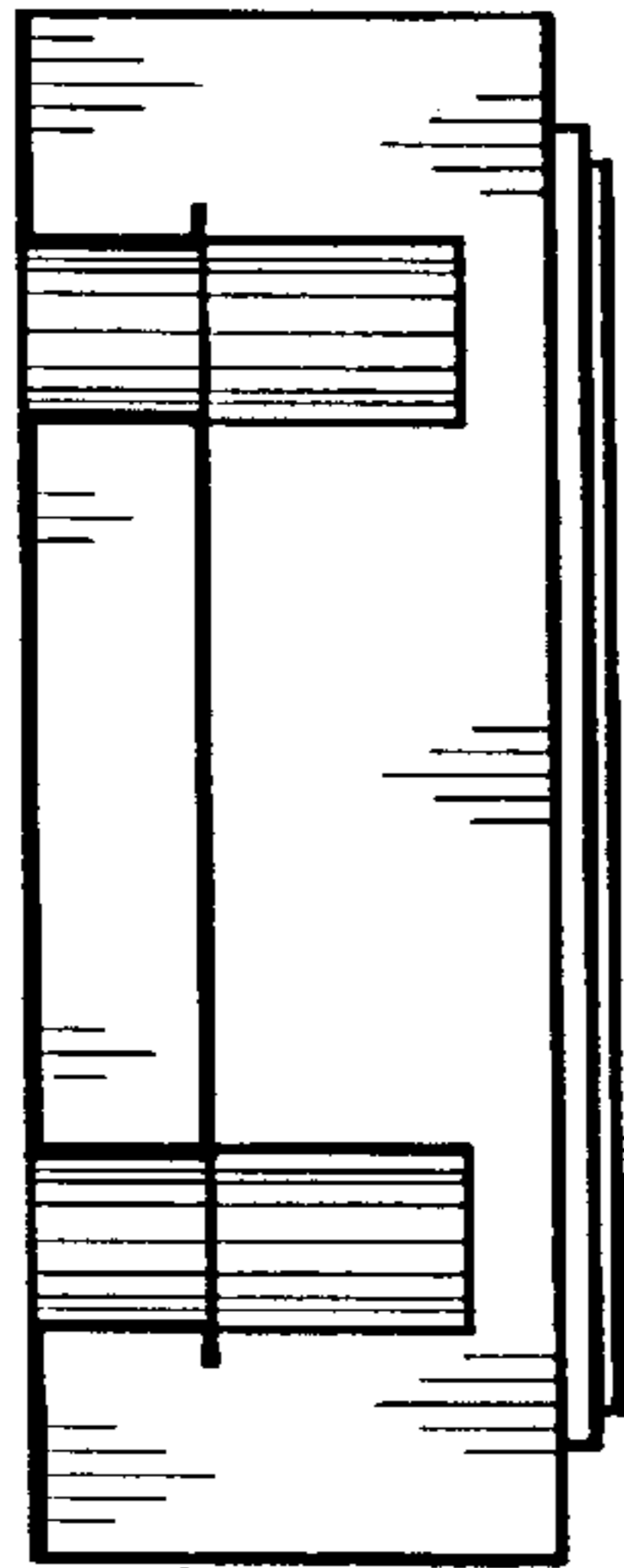


Fig. 2

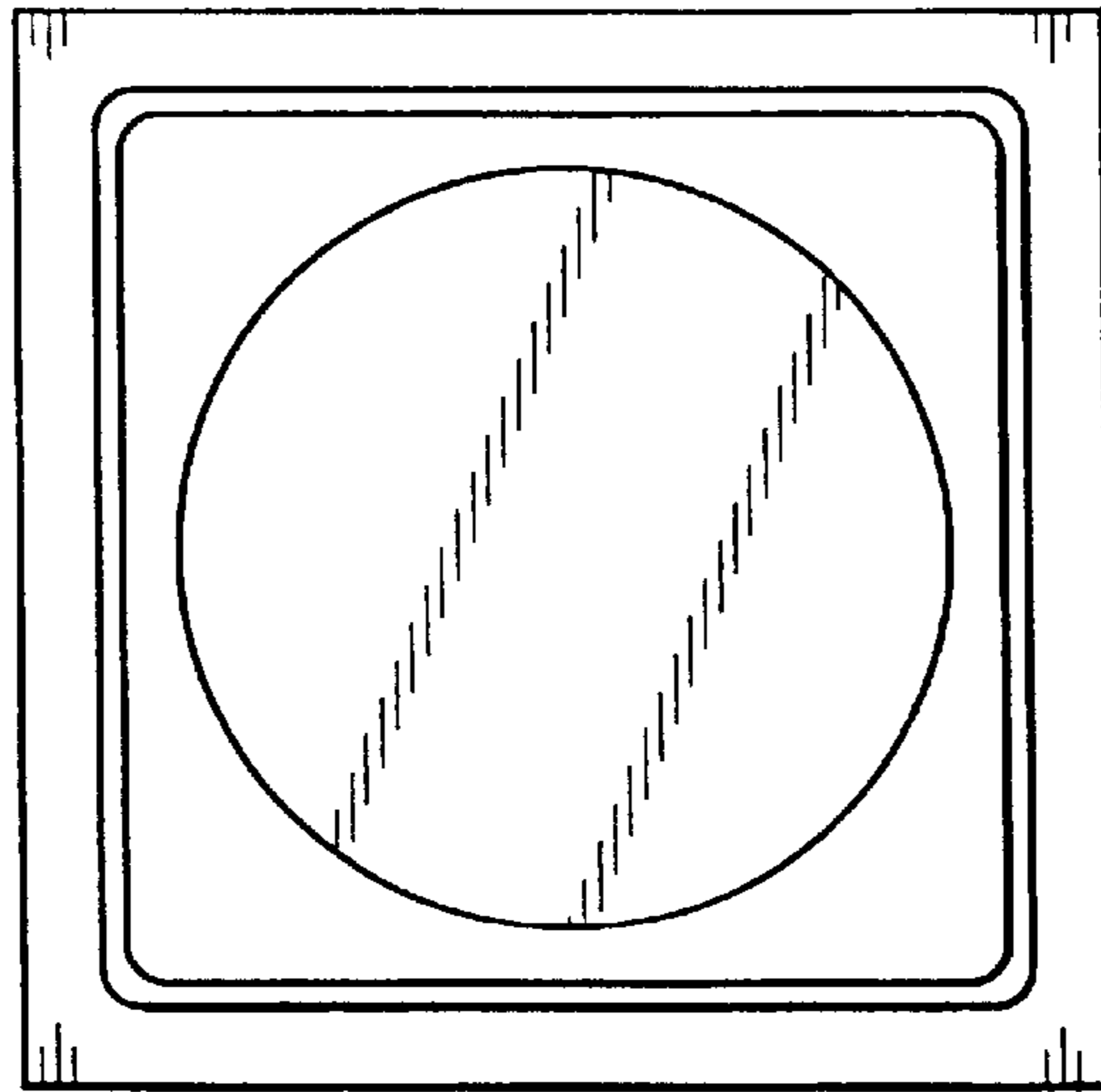


Fig. 3

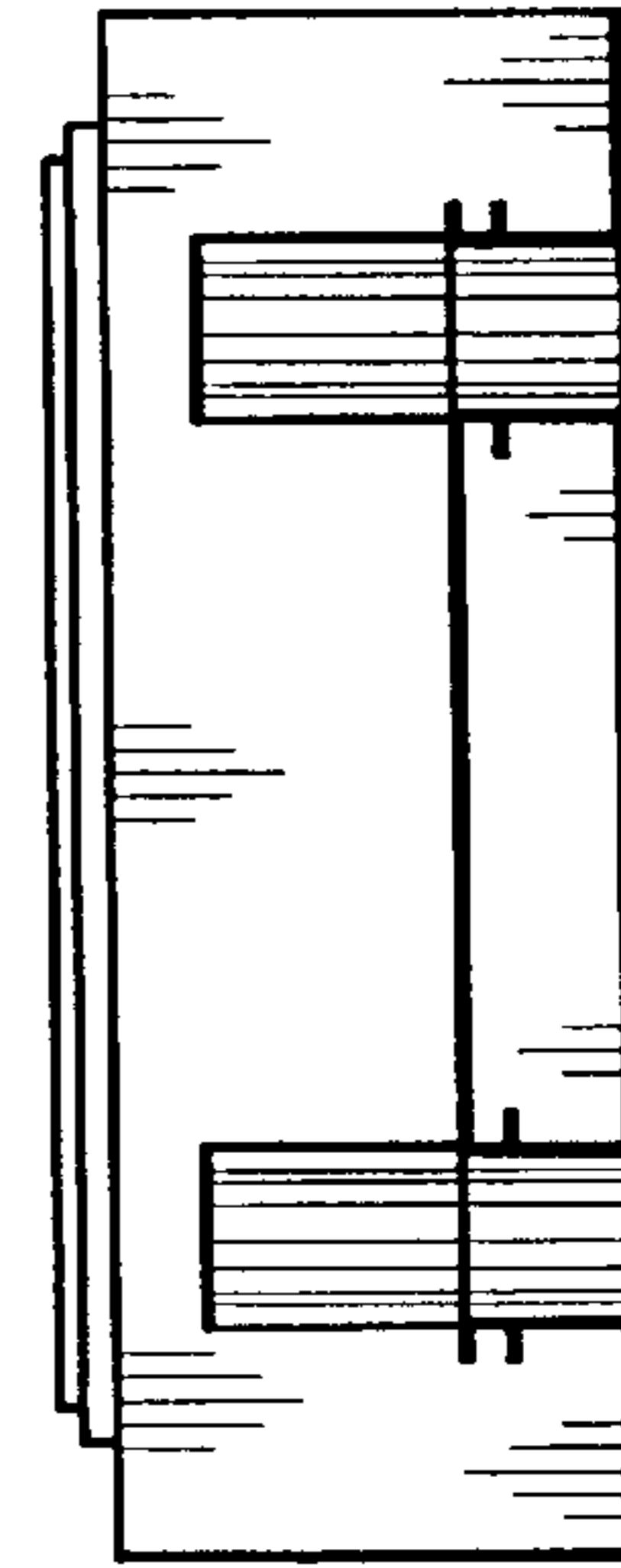


Fig. 4

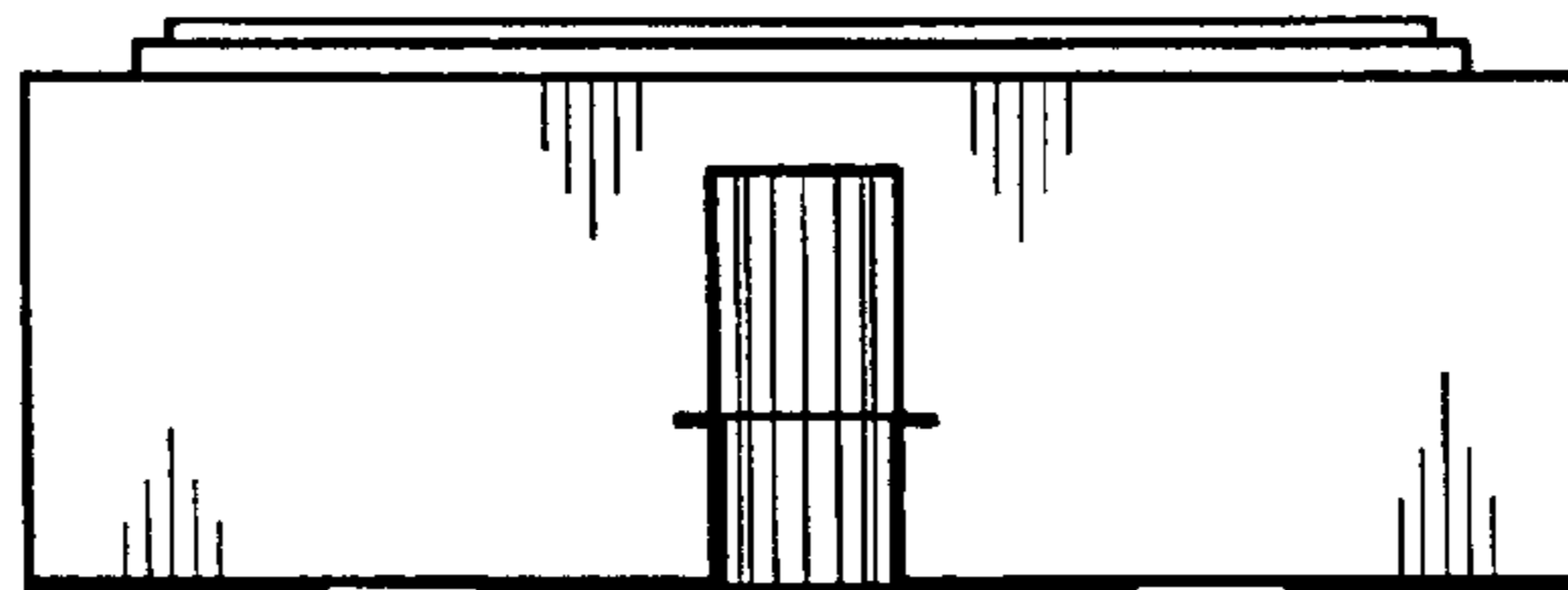


Fig. 5

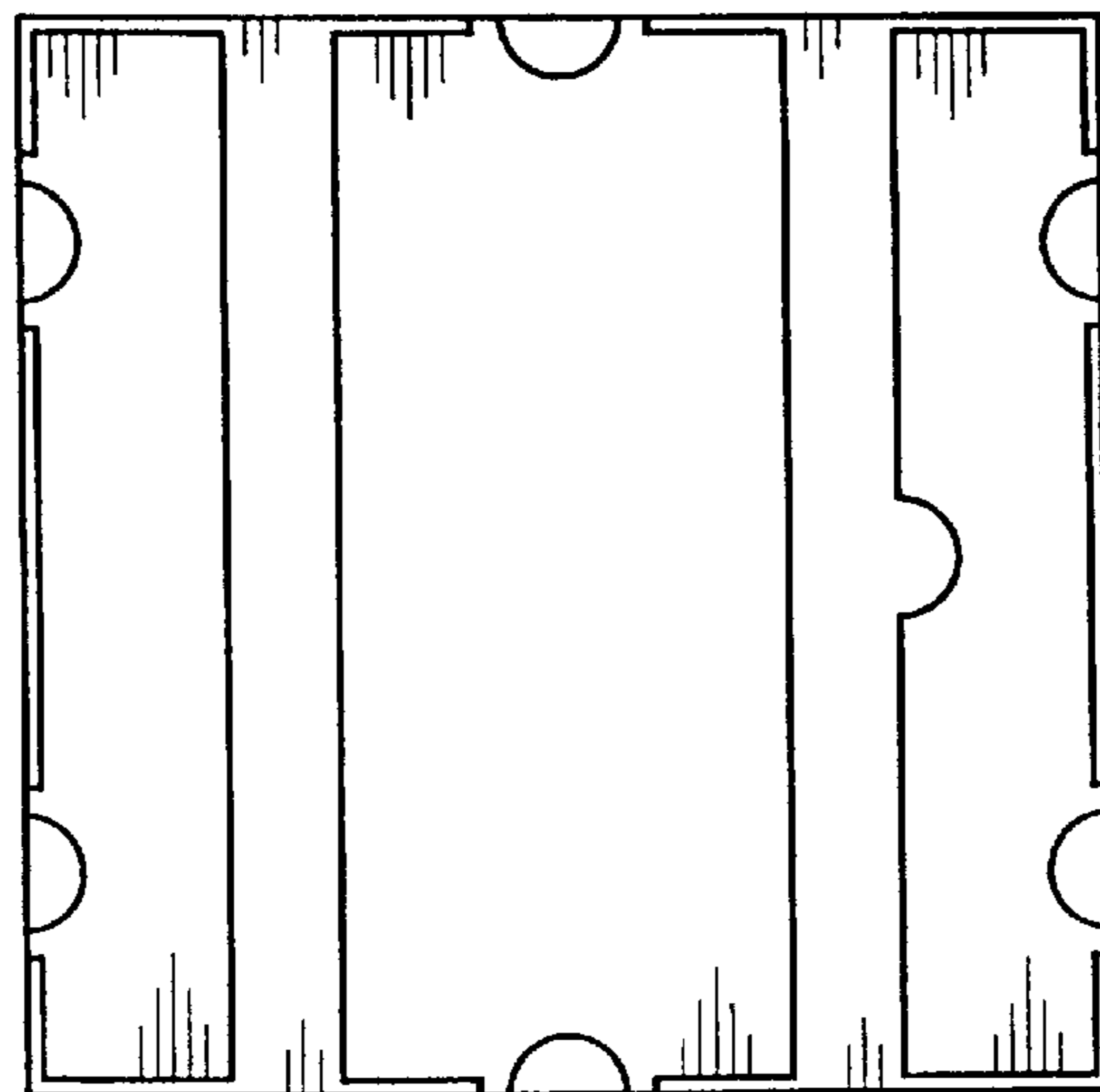


Fig. 6

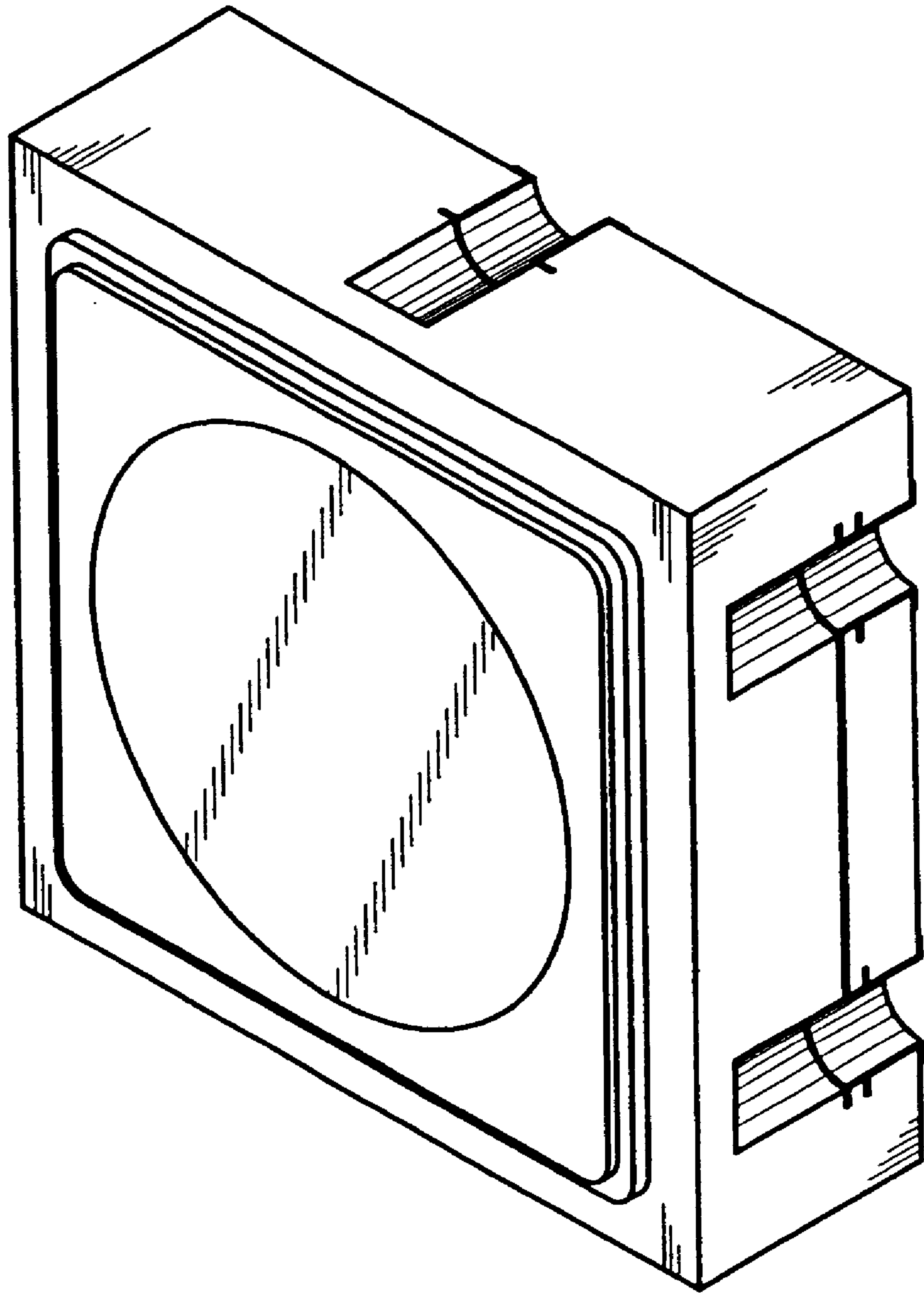


Fig. 7

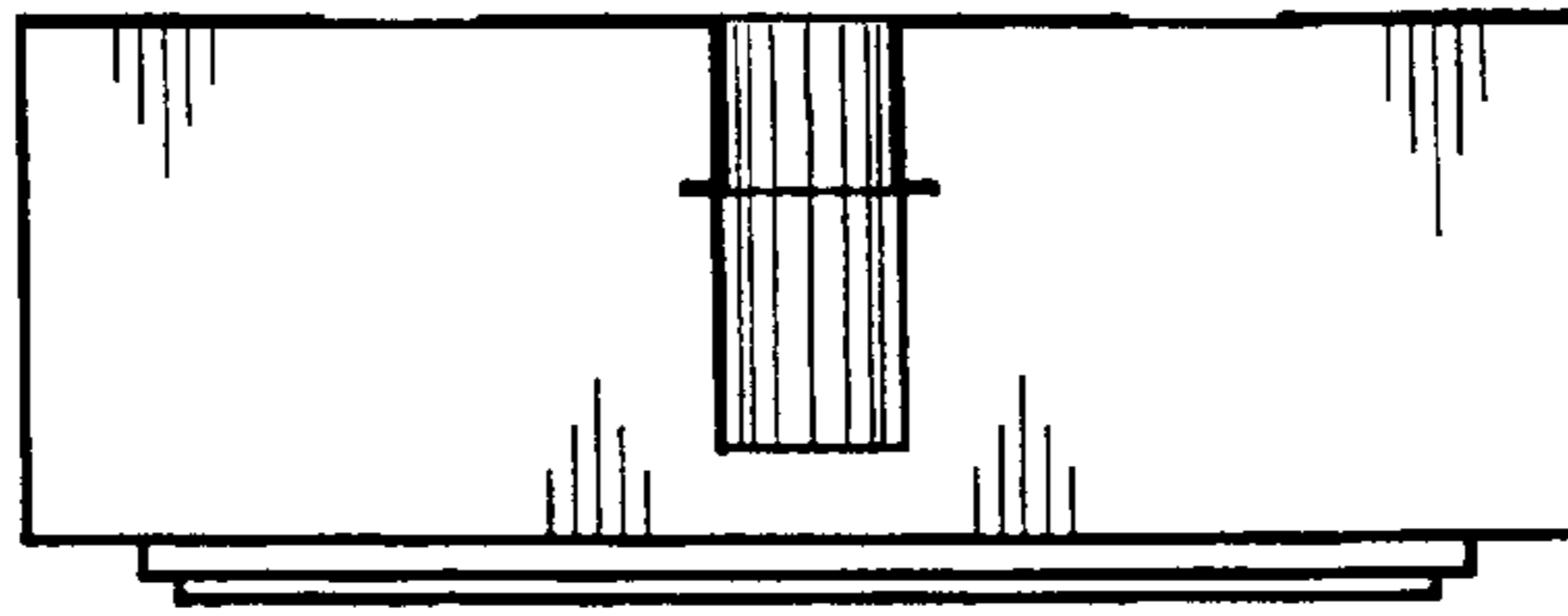


Fig. 8

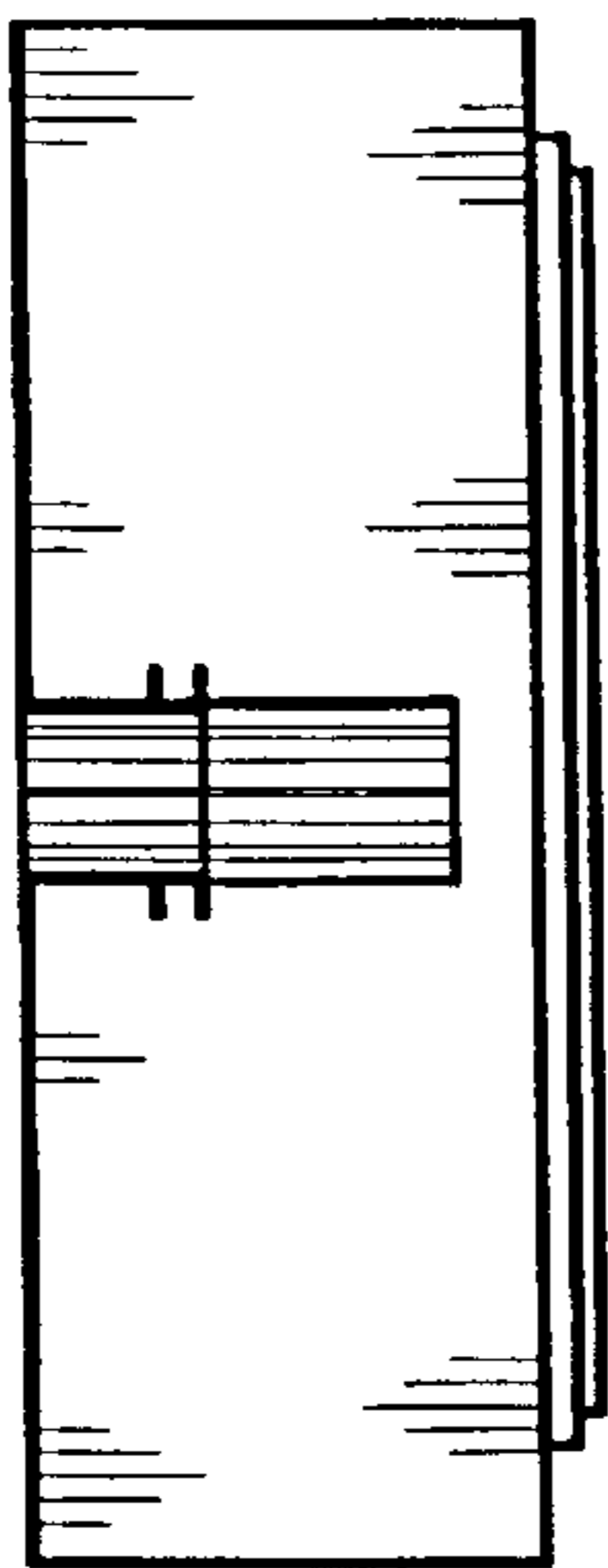


Fig. 9

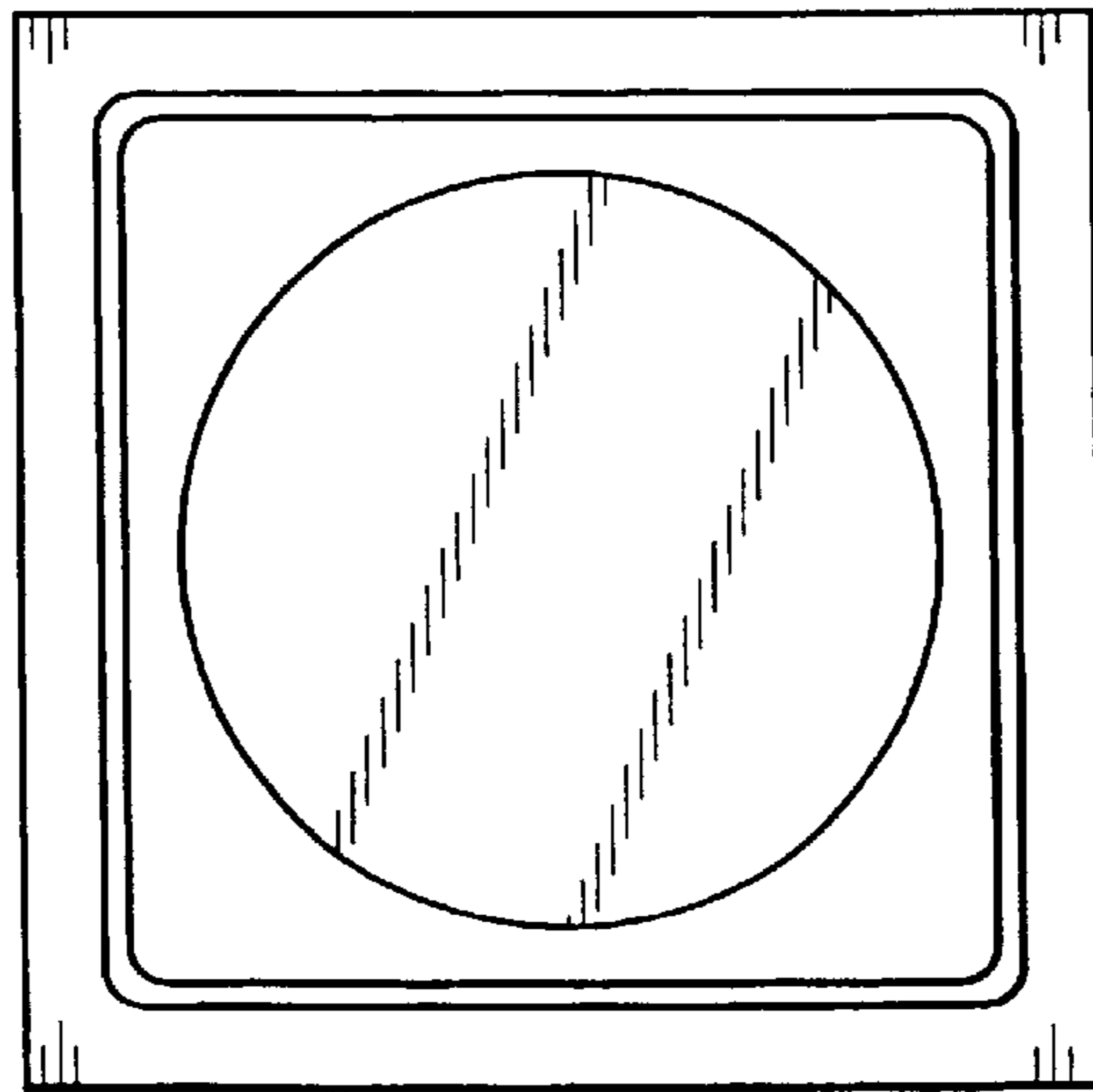


Fig. 10

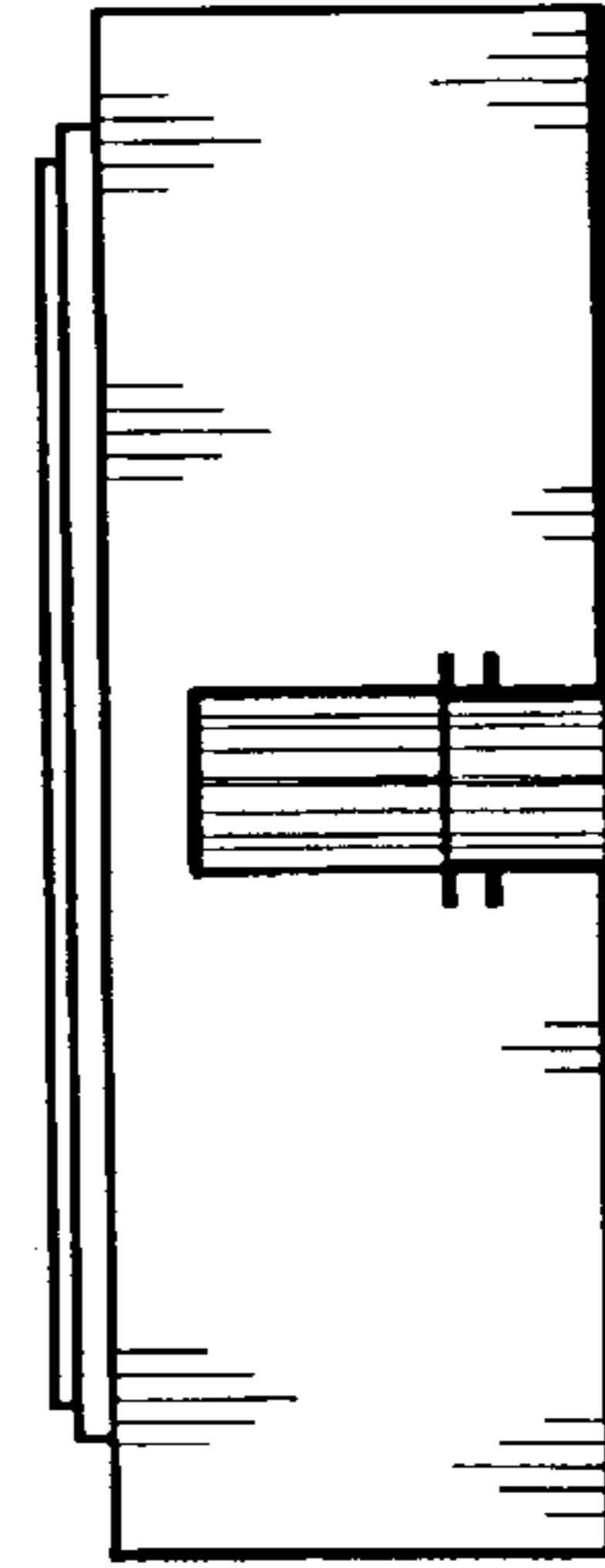


Fig. 11

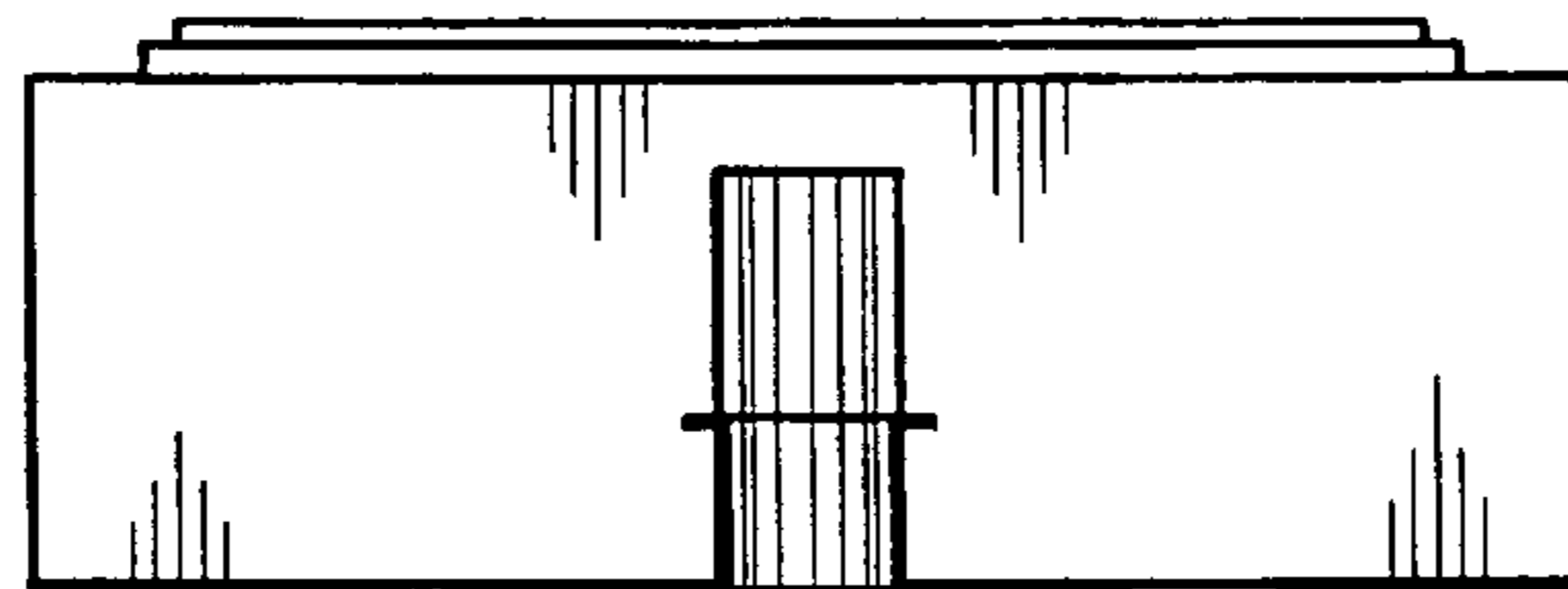


Fig. 12

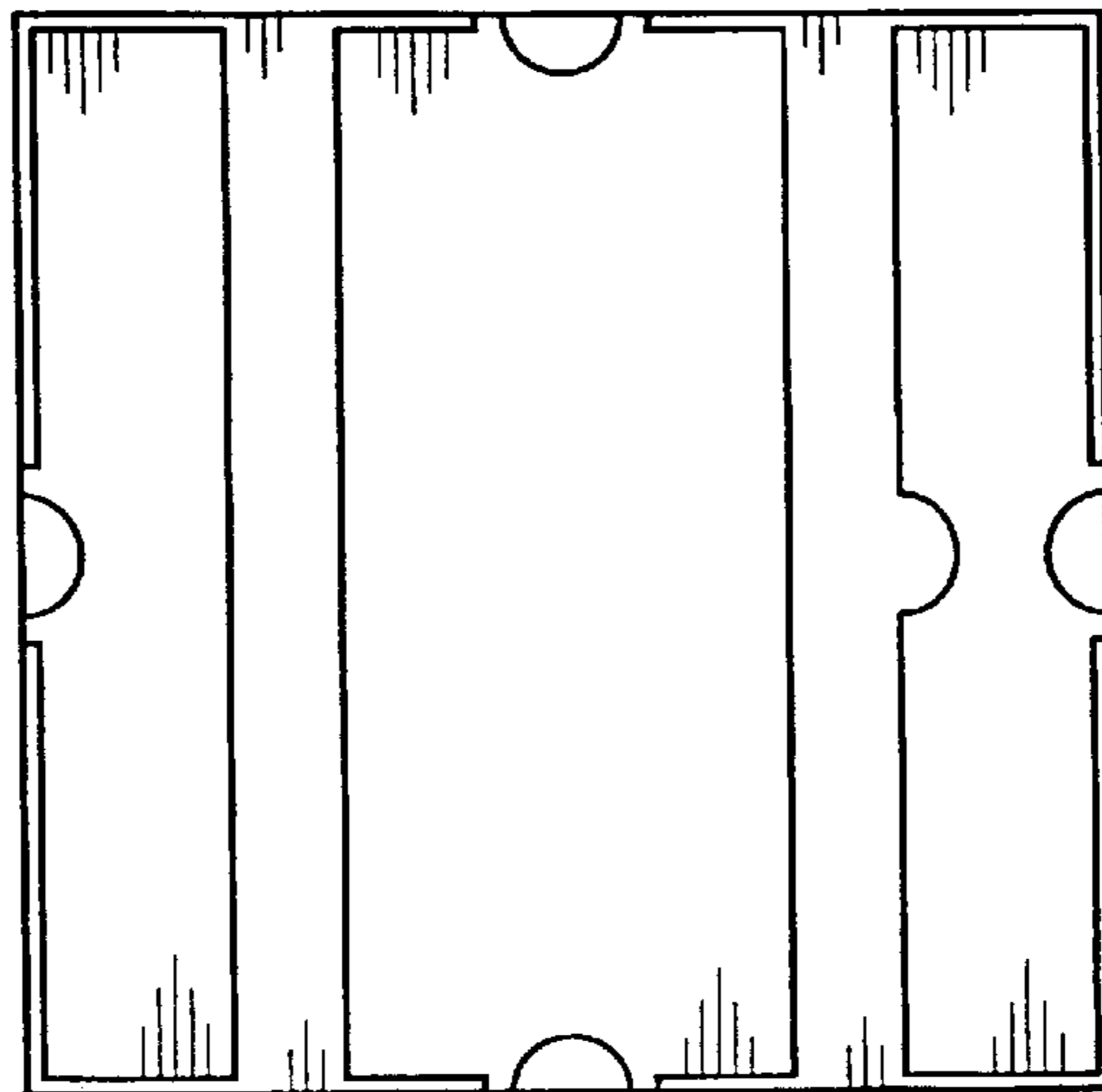


Fig. 13

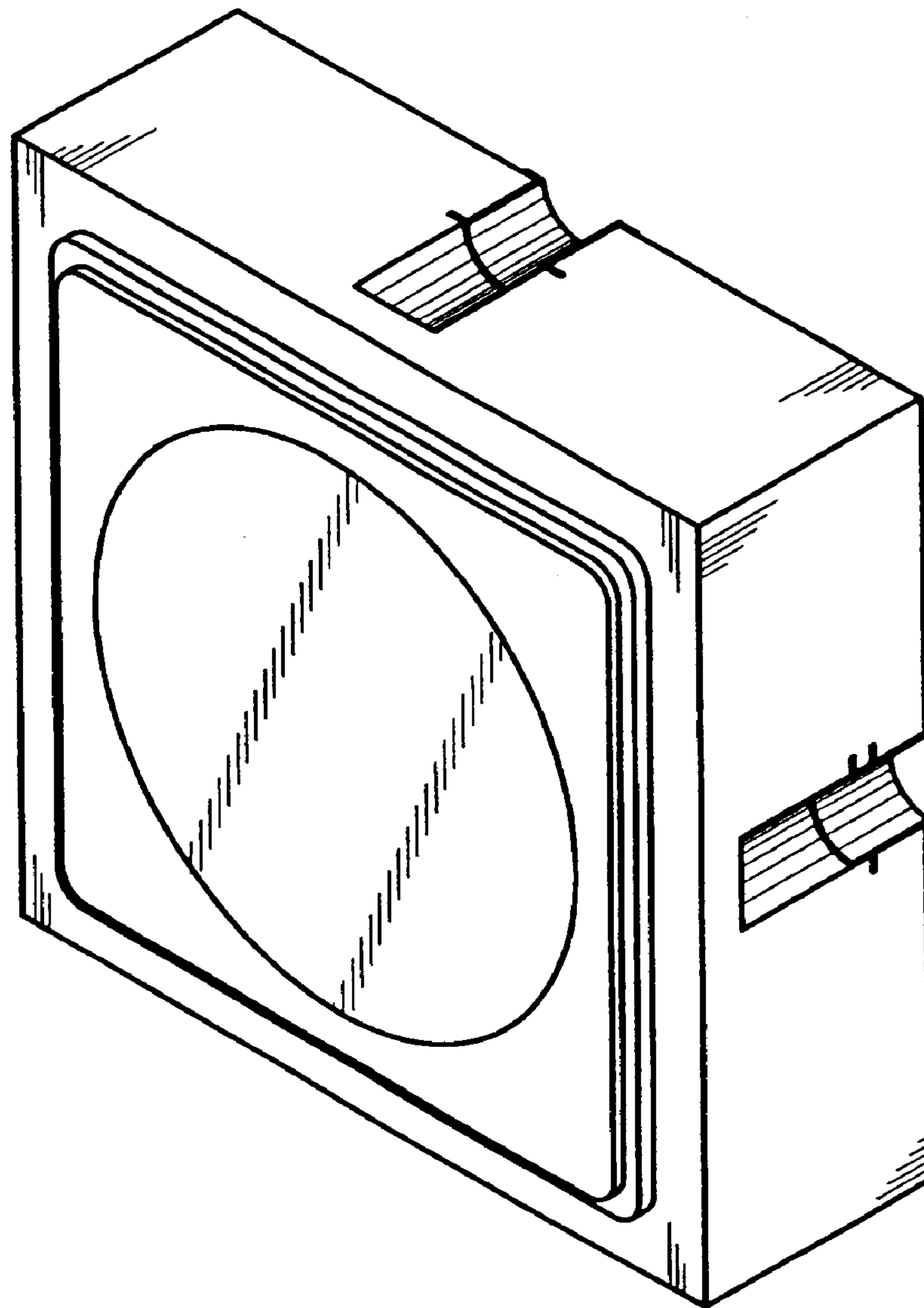


Fig. 14

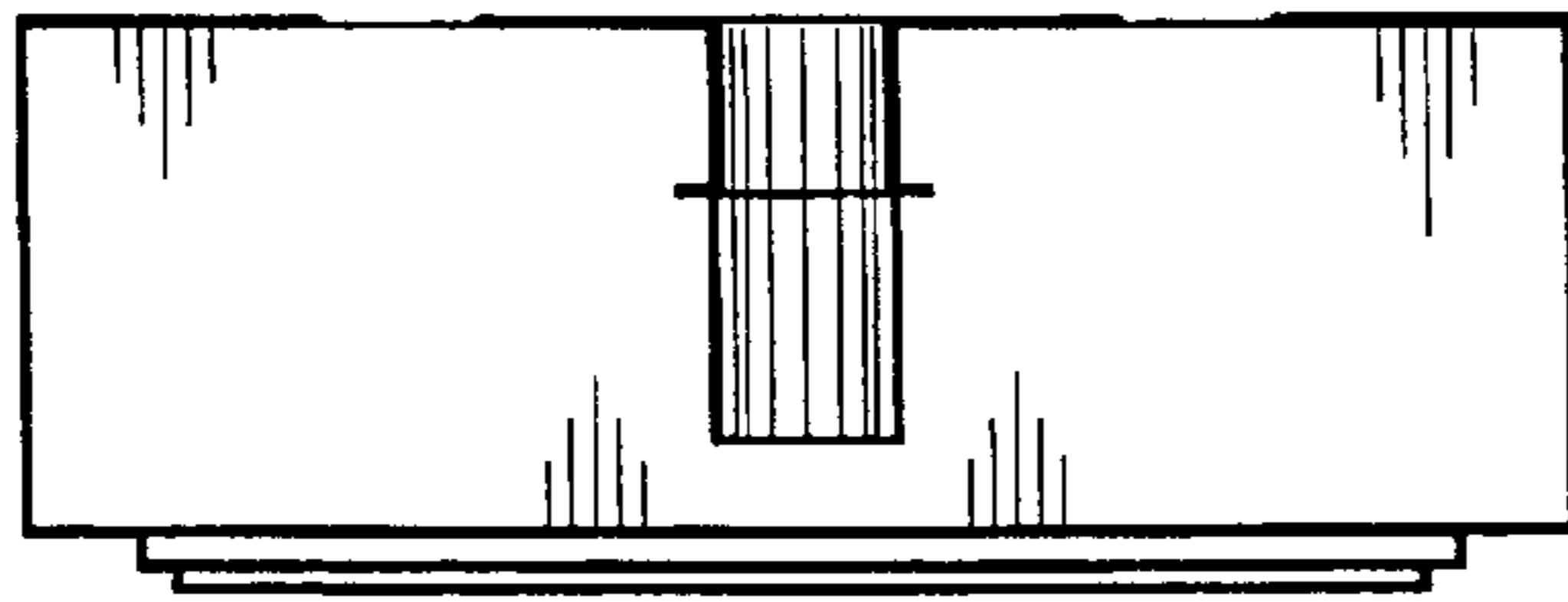


Fig. 15

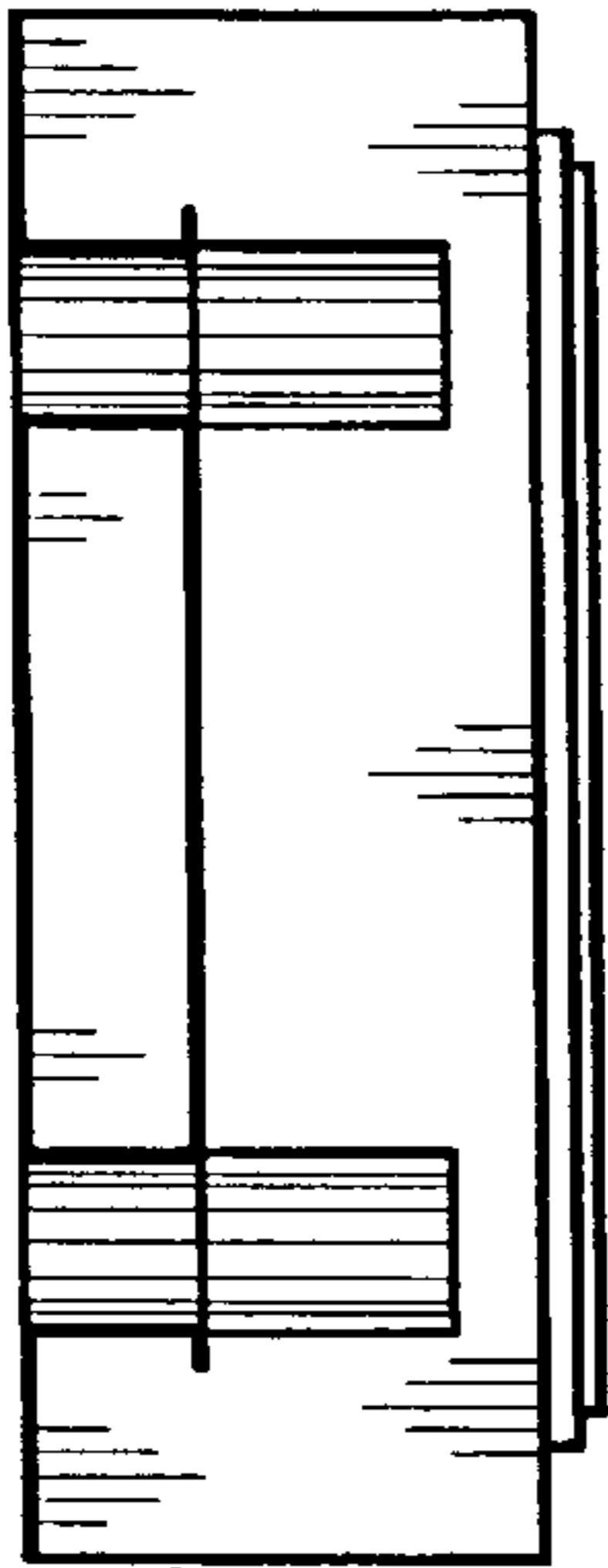


Fig. 16

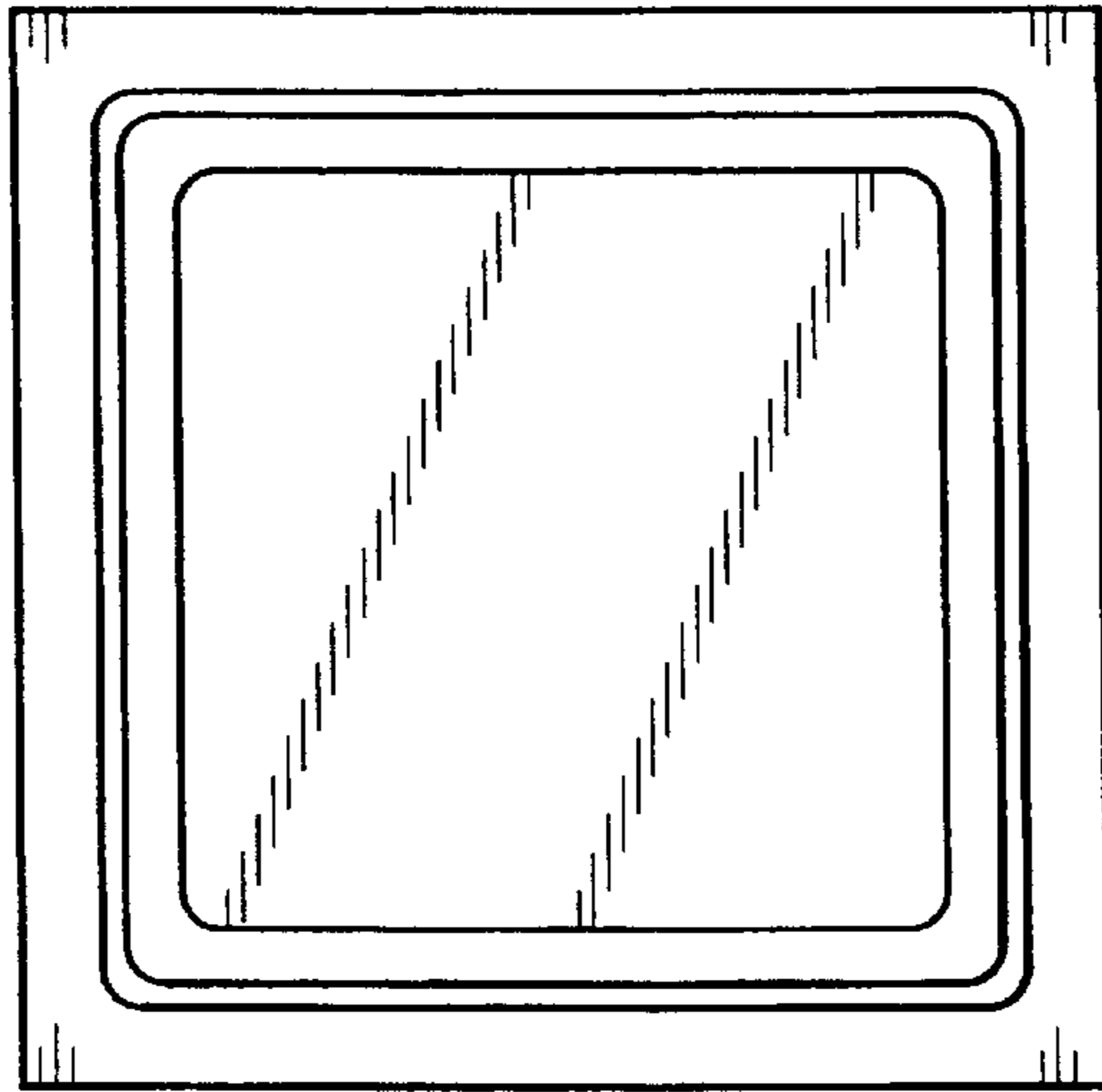


Fig. 17

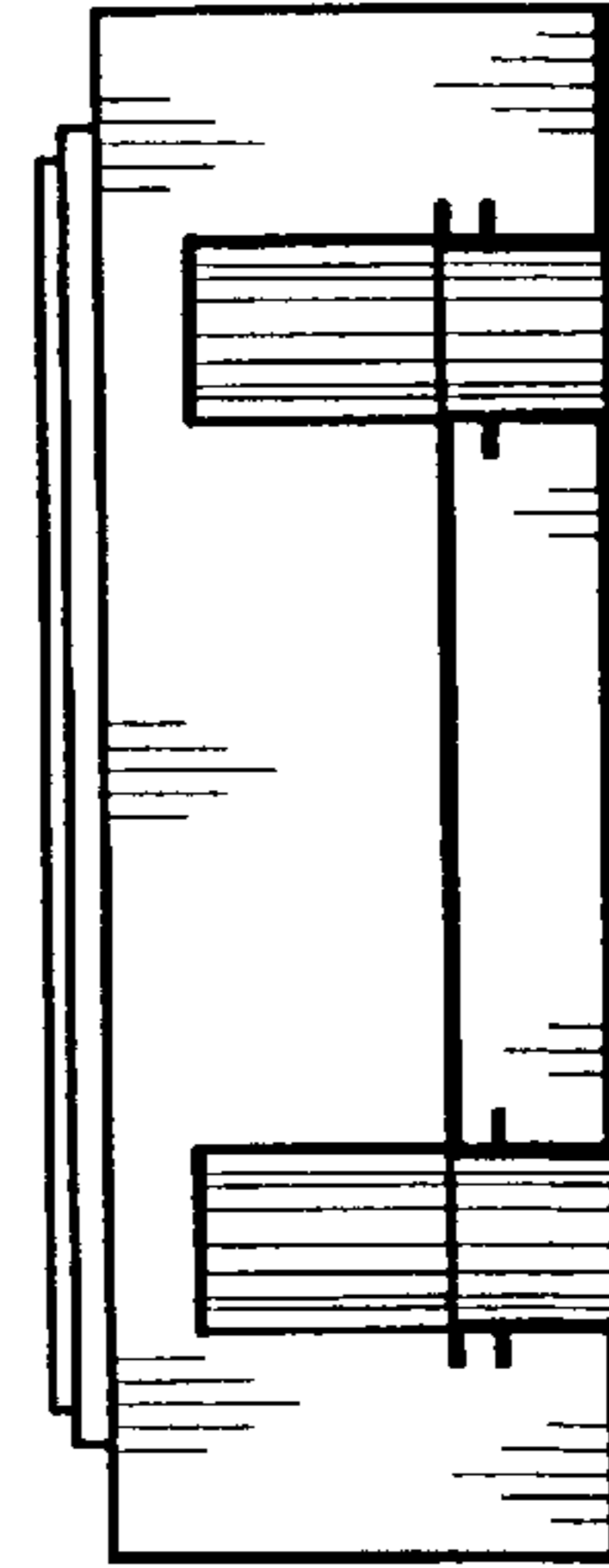


Fig. 18

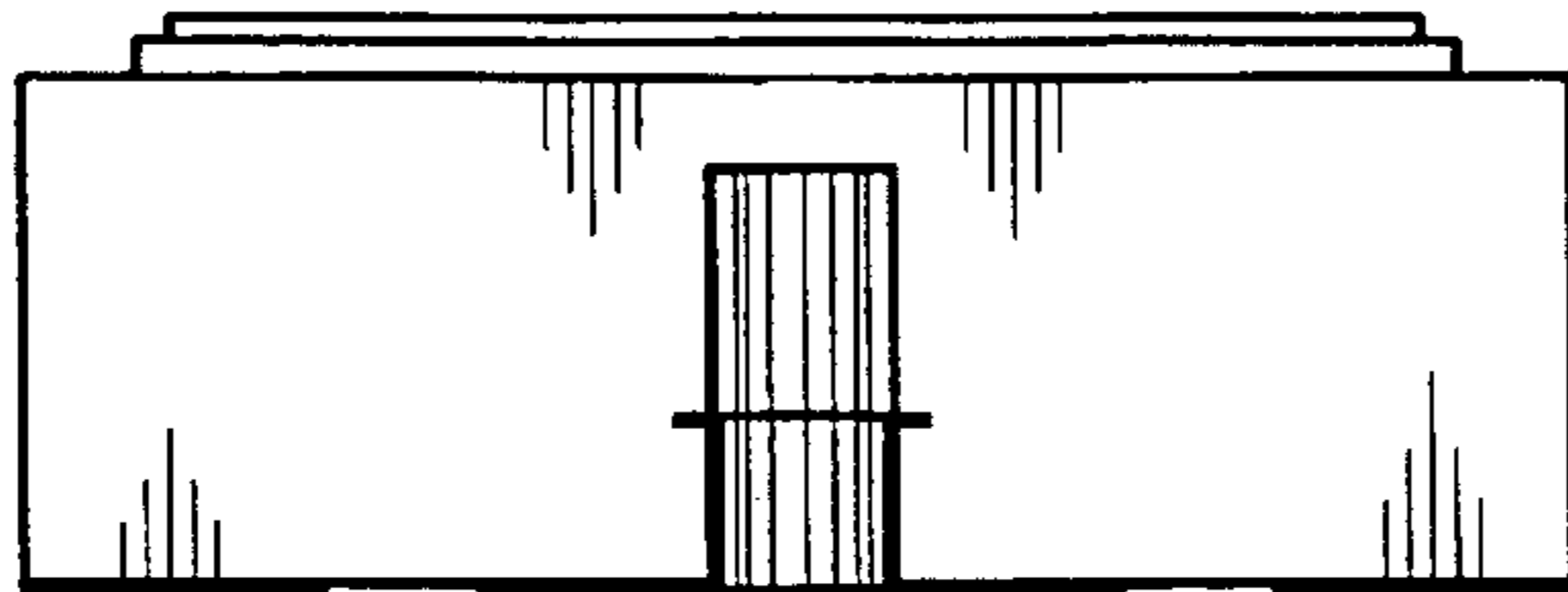


Fig. 19

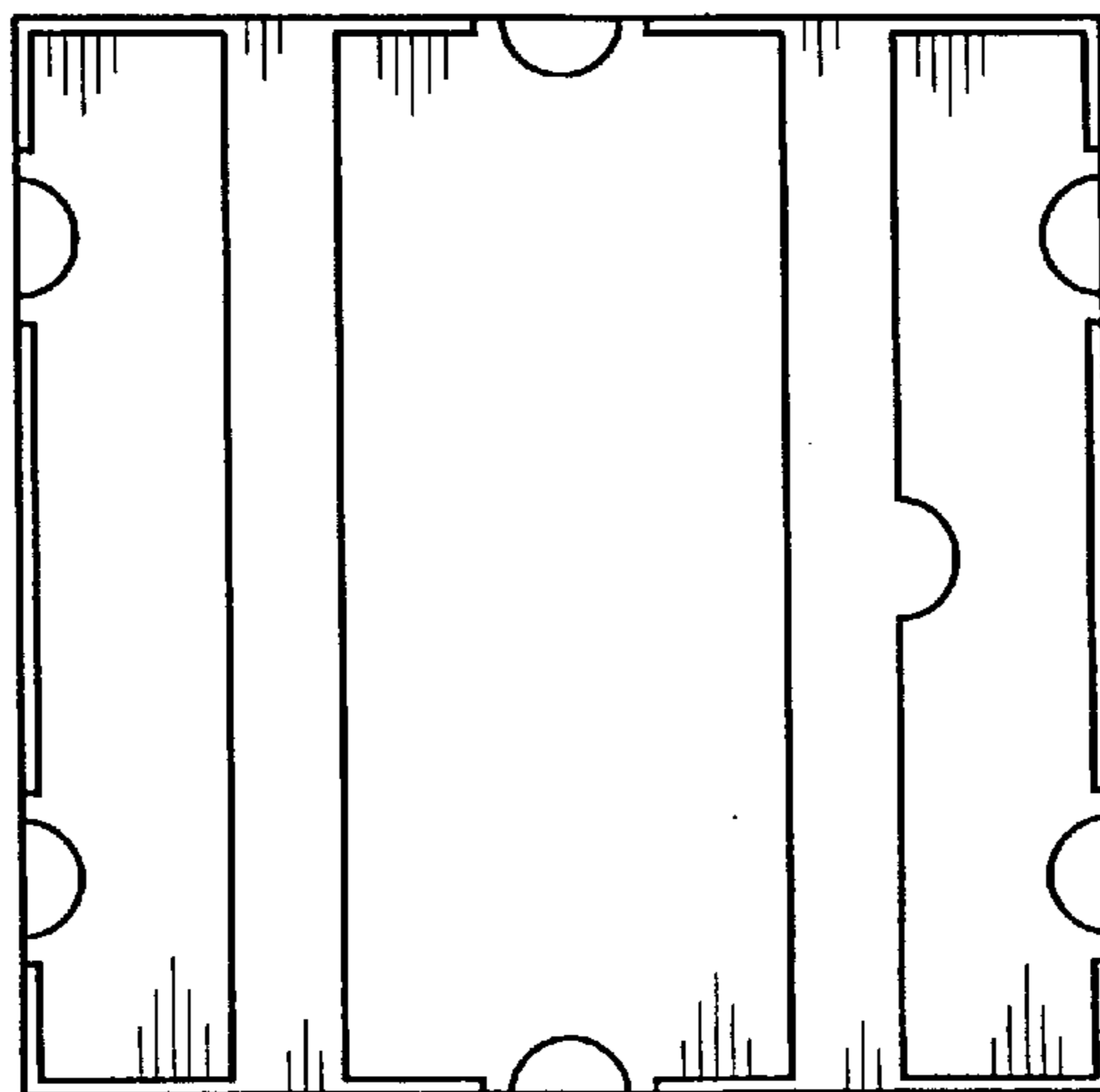


Fig. 20

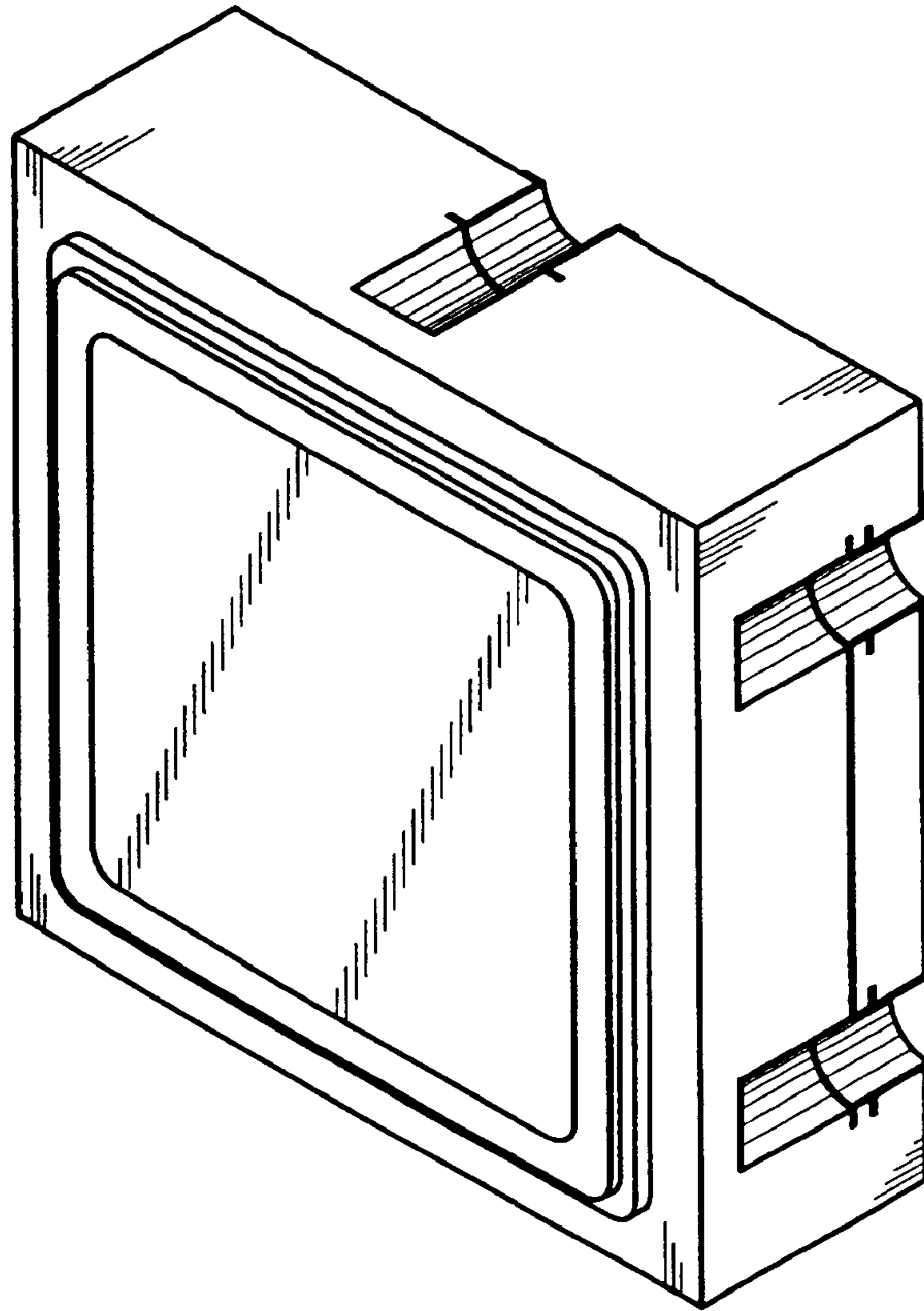


Fig. 21

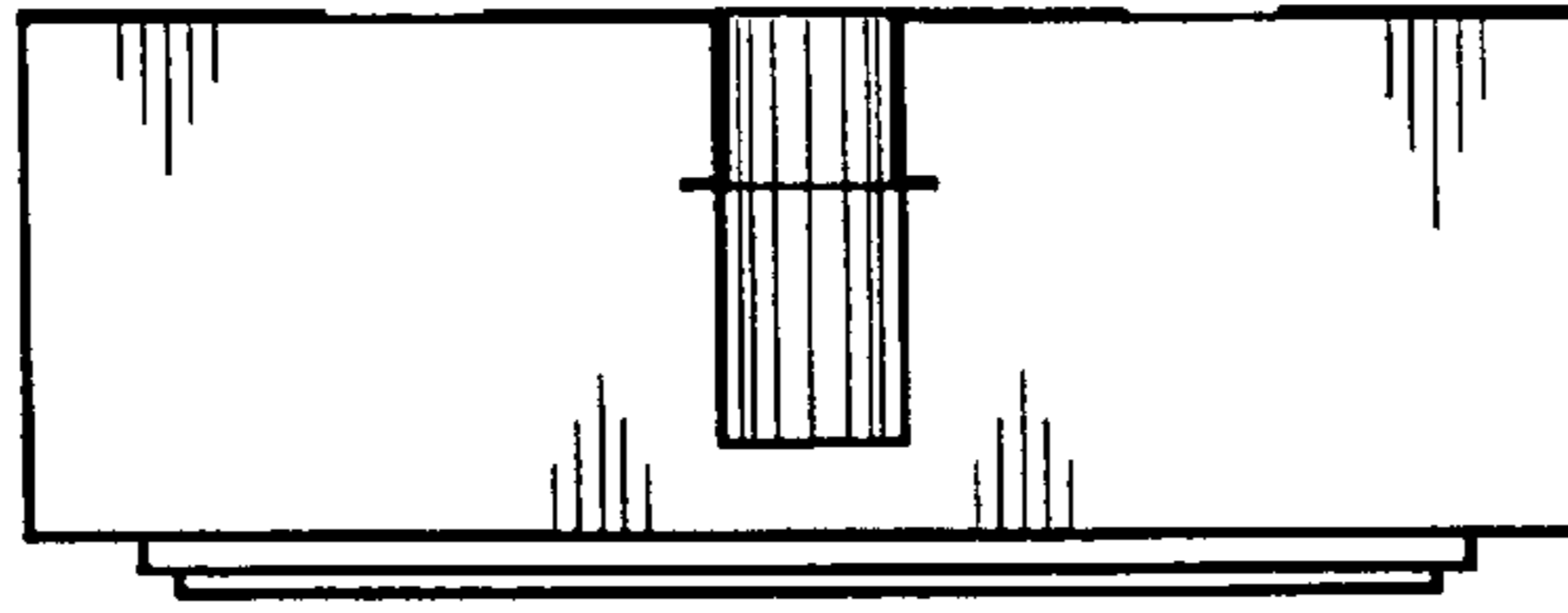


Fig. 22

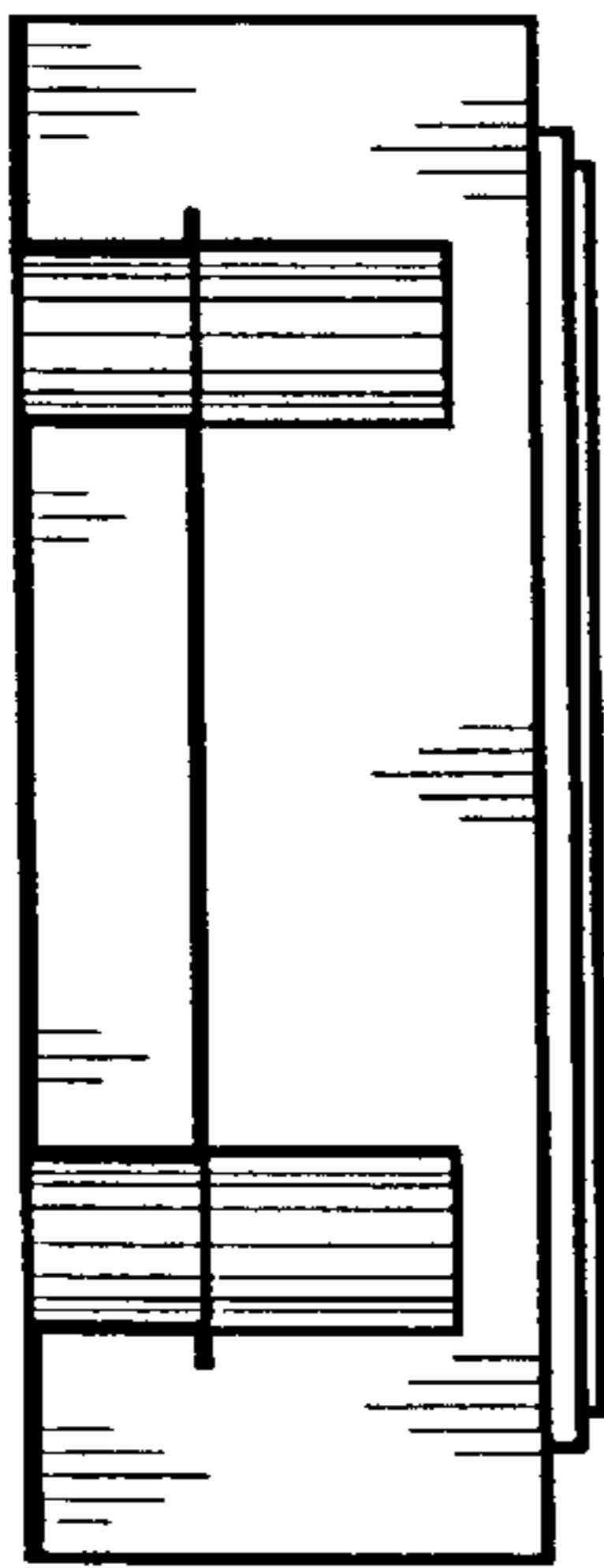


Fig. 23

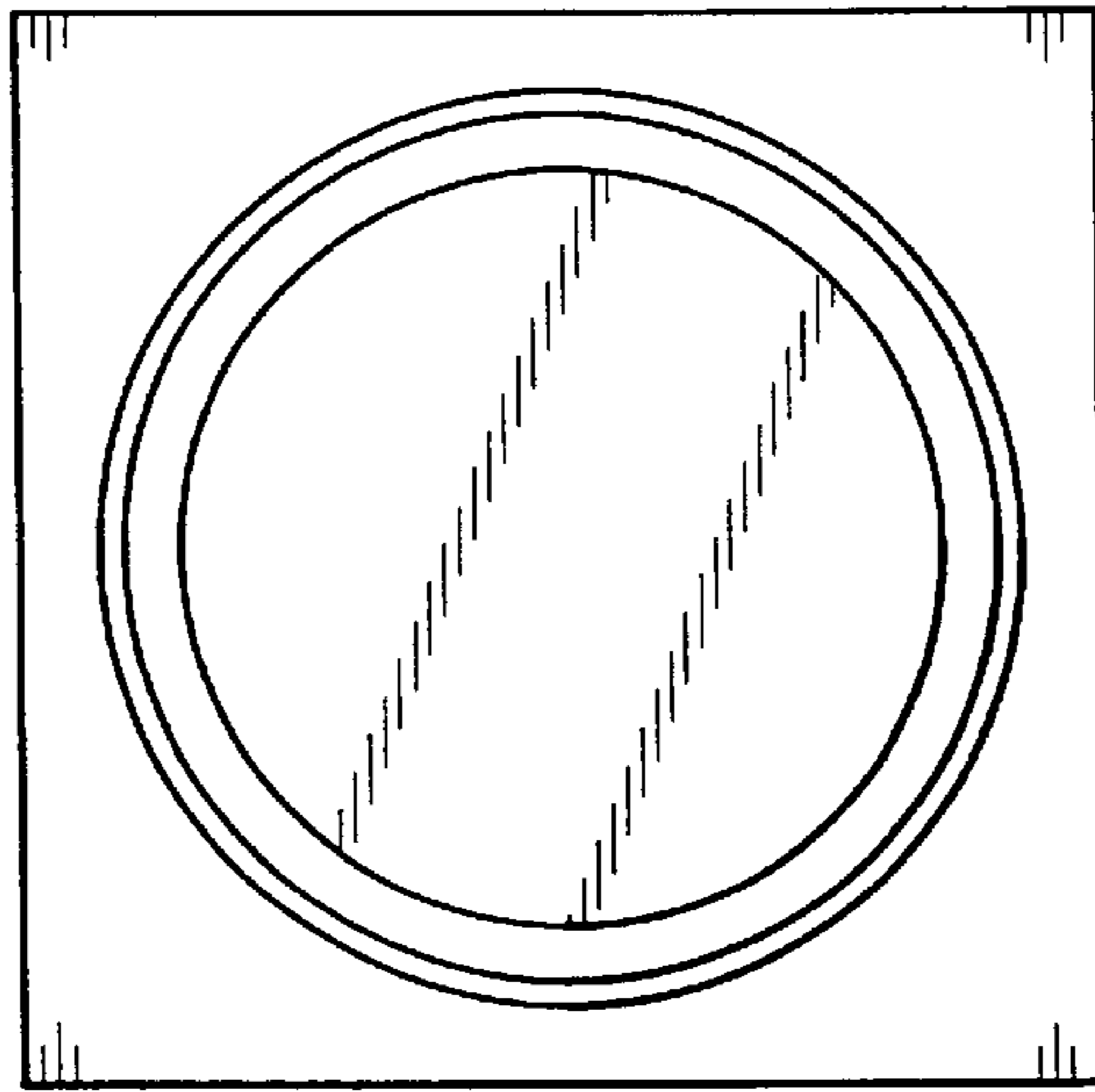


Fig. 24

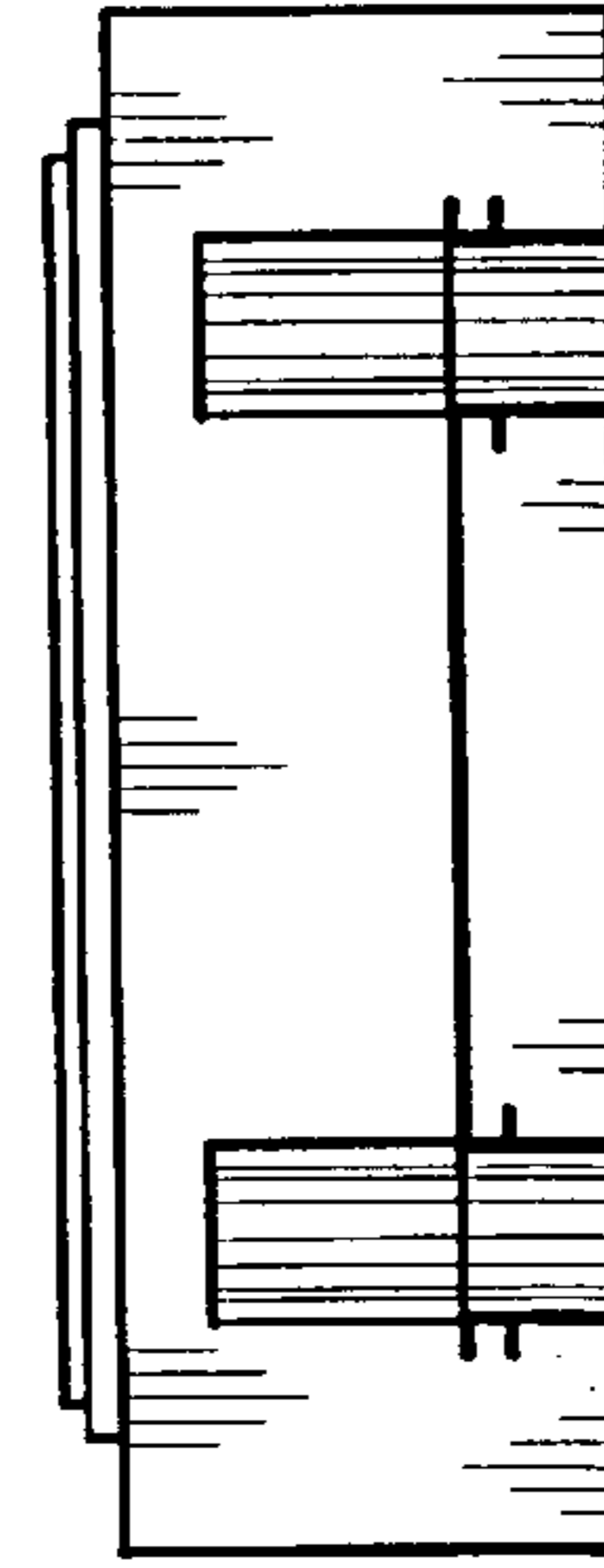


Fig. 25

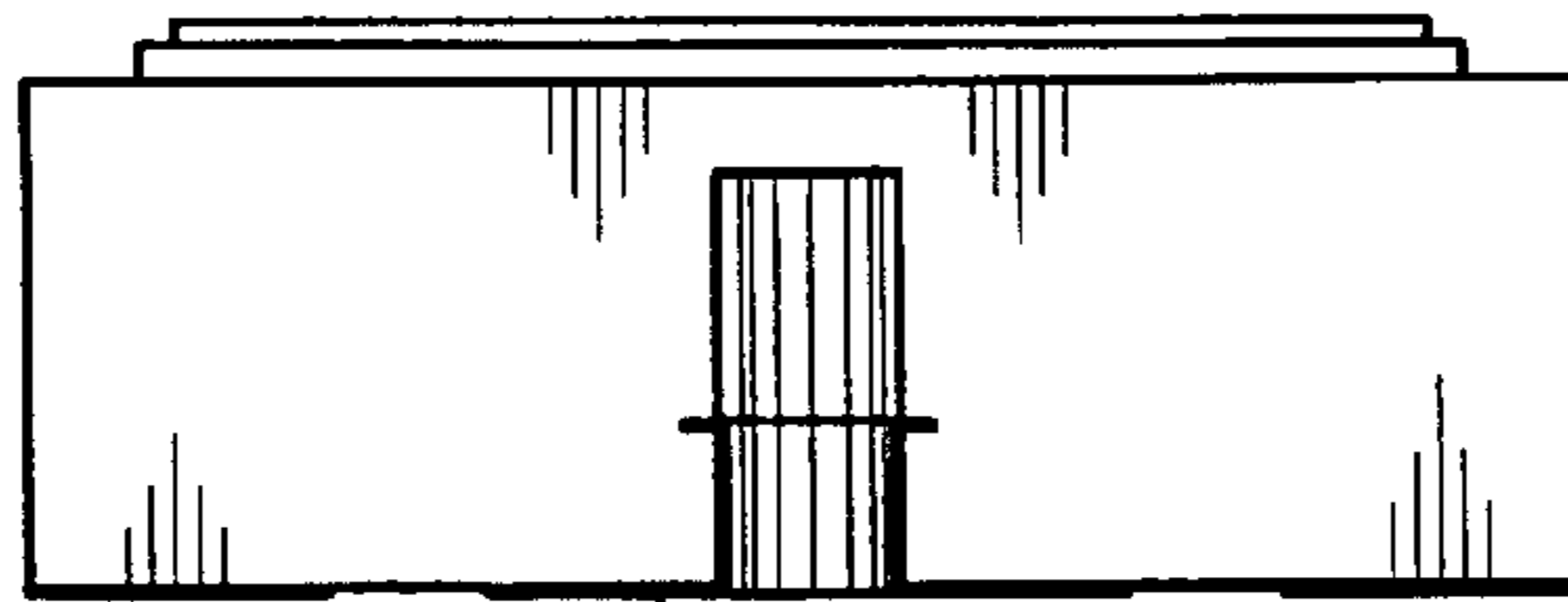


Fig. 26

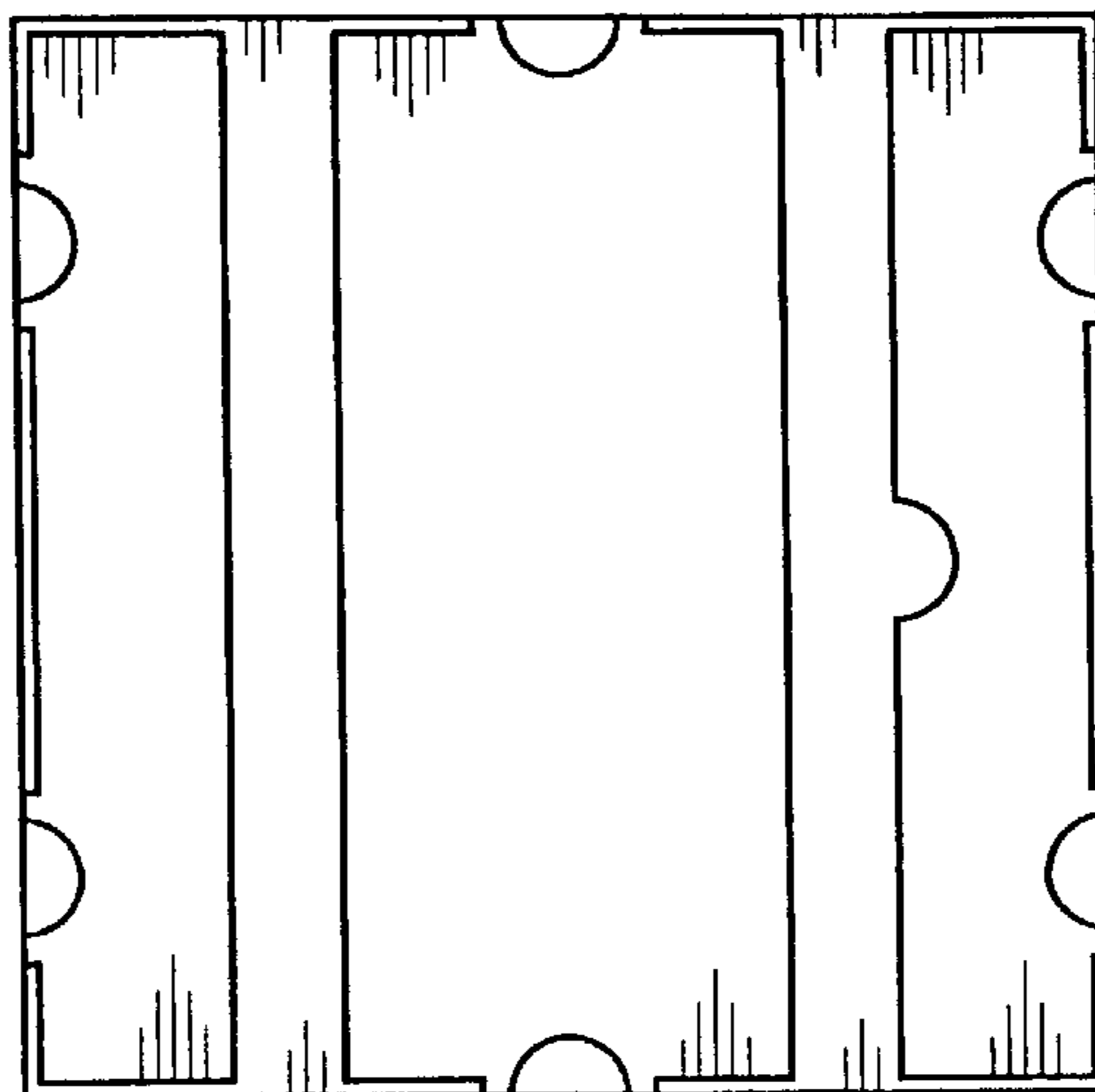


Fig. 27

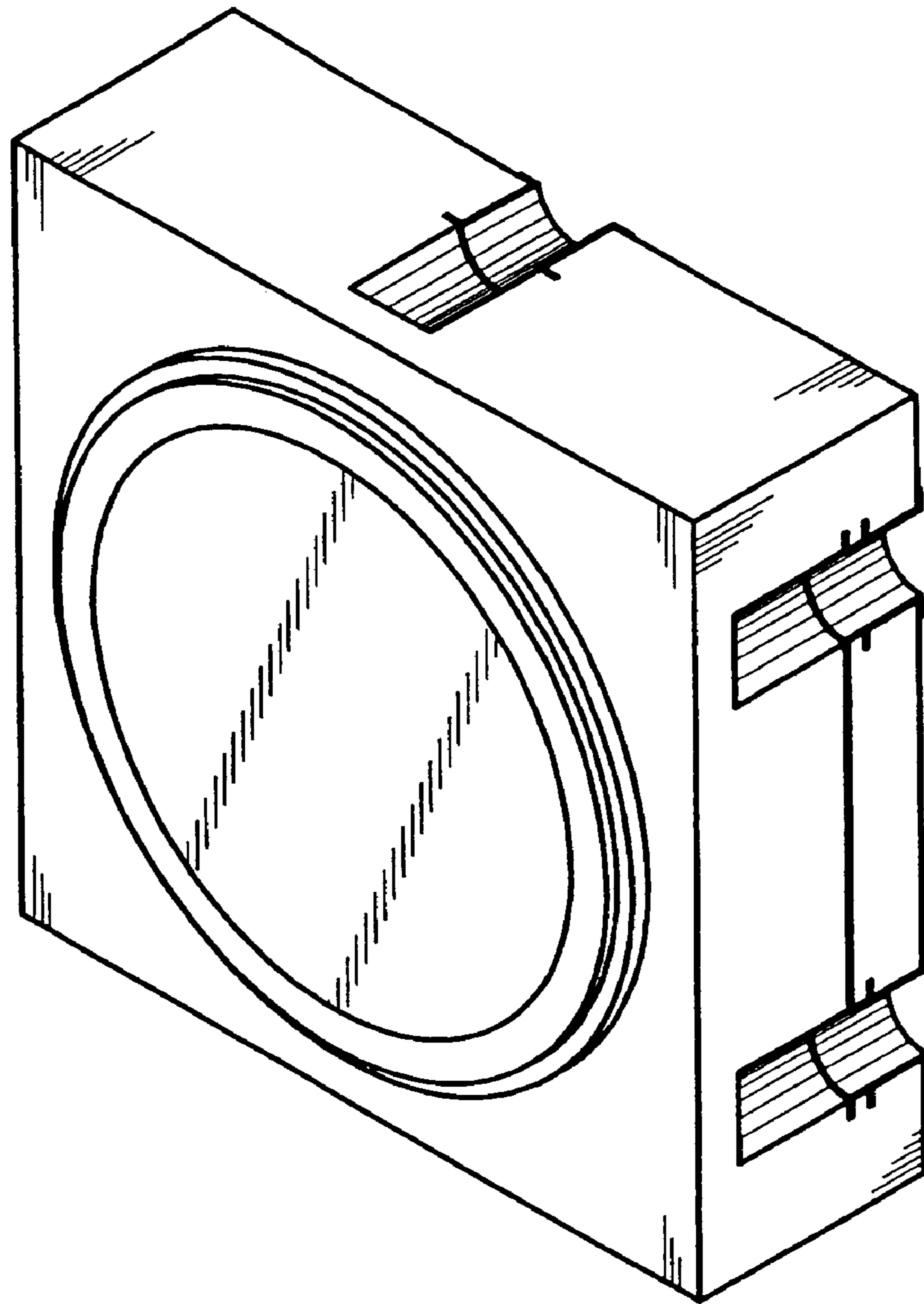


Fig. 28