



US00D419522S

United States Patent [19]
Kamagai

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[45] **Date of Patent: ** Jan. 25, 2000**

[54] **FOUR POSITION TWO-PIECE BATTERY
BLOCK CONNECTOR ASSEMBLY**

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[73] Assignee: **Thomas & Betts International, Inc.**,
Sparks, Nev.

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

[21] Appl. No.: **29/072,882**

[22] Filed: **Jun. 19, 1997**

[51] **LOC (7) Cl.** **13-03**

[52] **U.S. Cl.** **D13/120; D13/147**

[58] **Field of Search** **D13/146, 147,**
D13/120; 439/709, 712, 713, 715, 721,
722, 723, 724, 732, 594, 595, 848

[56] **References Cited**

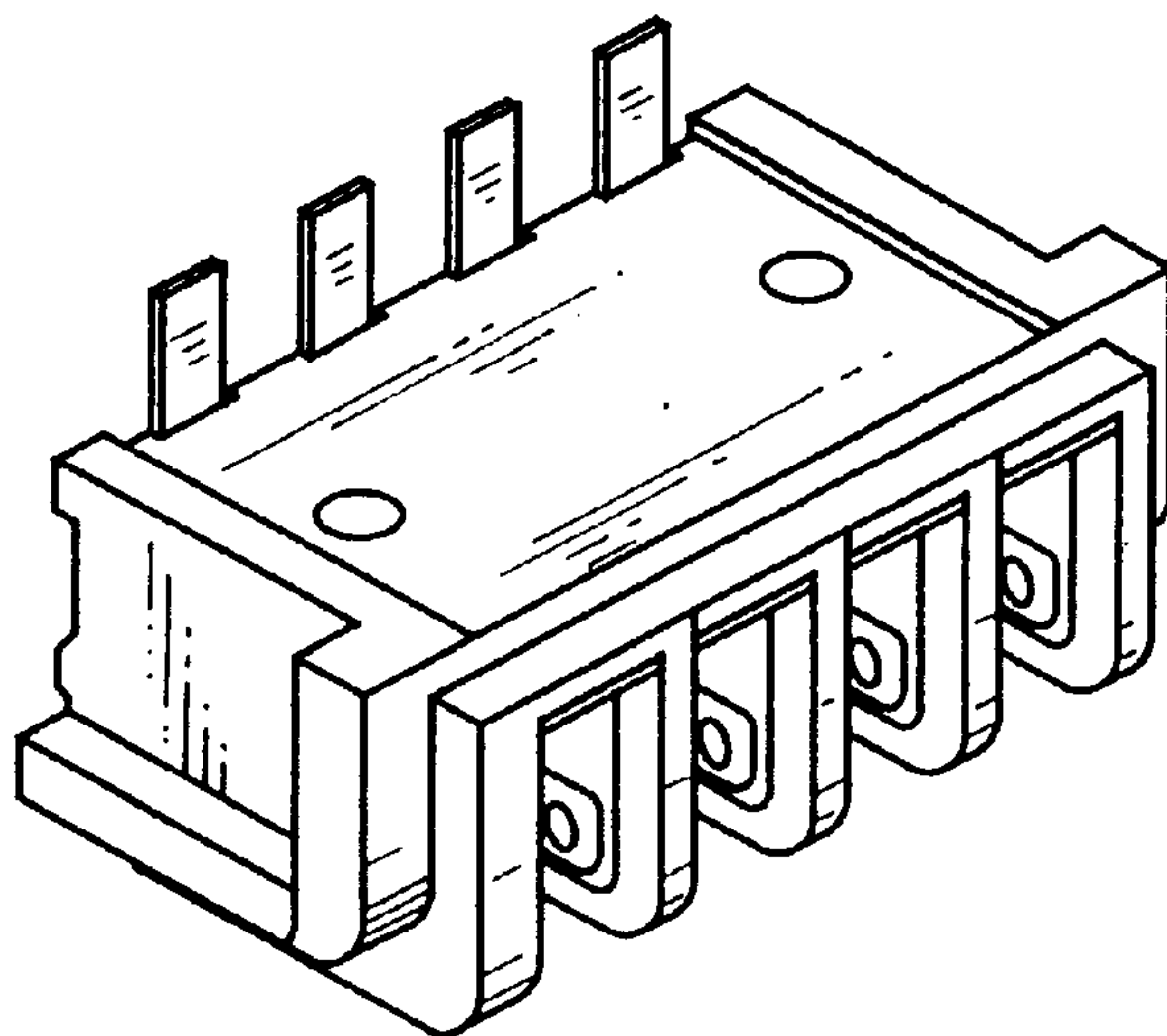
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Primary Examiner—Joel Sincavage
Attorney, Agent, or Firm—Hoffman & Baron, LLP

[57] **CLAIM**

The ornamental design for a four position two-piece battery block connector assembly, as shown and described.



DESCRIPTION

FIG. 1 is a bottom perspective view of a female connector of the four position two-piece battery block connector assembly of the present invention.

FIG. 2 is a perspective view of a male connector of the connector assembly of the present invention.

FIGS. 3, 4, 5 and 6 show respectively top, bottom, front and back plan views of the assembled male and female connectors of the connector assembly shown in FIGS. 1 and 2.

FIGS. 7 and 8 show respectively right and left side elevational views of the assembled male and female connectors of the connector assembly of FIGS. 1 and 2.

FIGS. 9, 10, 11 and 12 are top, bottom, front and back plan views respectively of the female connector of FIG. 1.

FIG. 13 is a side elevational showing one side of the female connector of FIG. 1. The other side elevation being a mirror image of FIG. 13.

FIG. 14 is a sectional showing of the female connector of FIG. 9 taken through the lines 14—14 thereof.

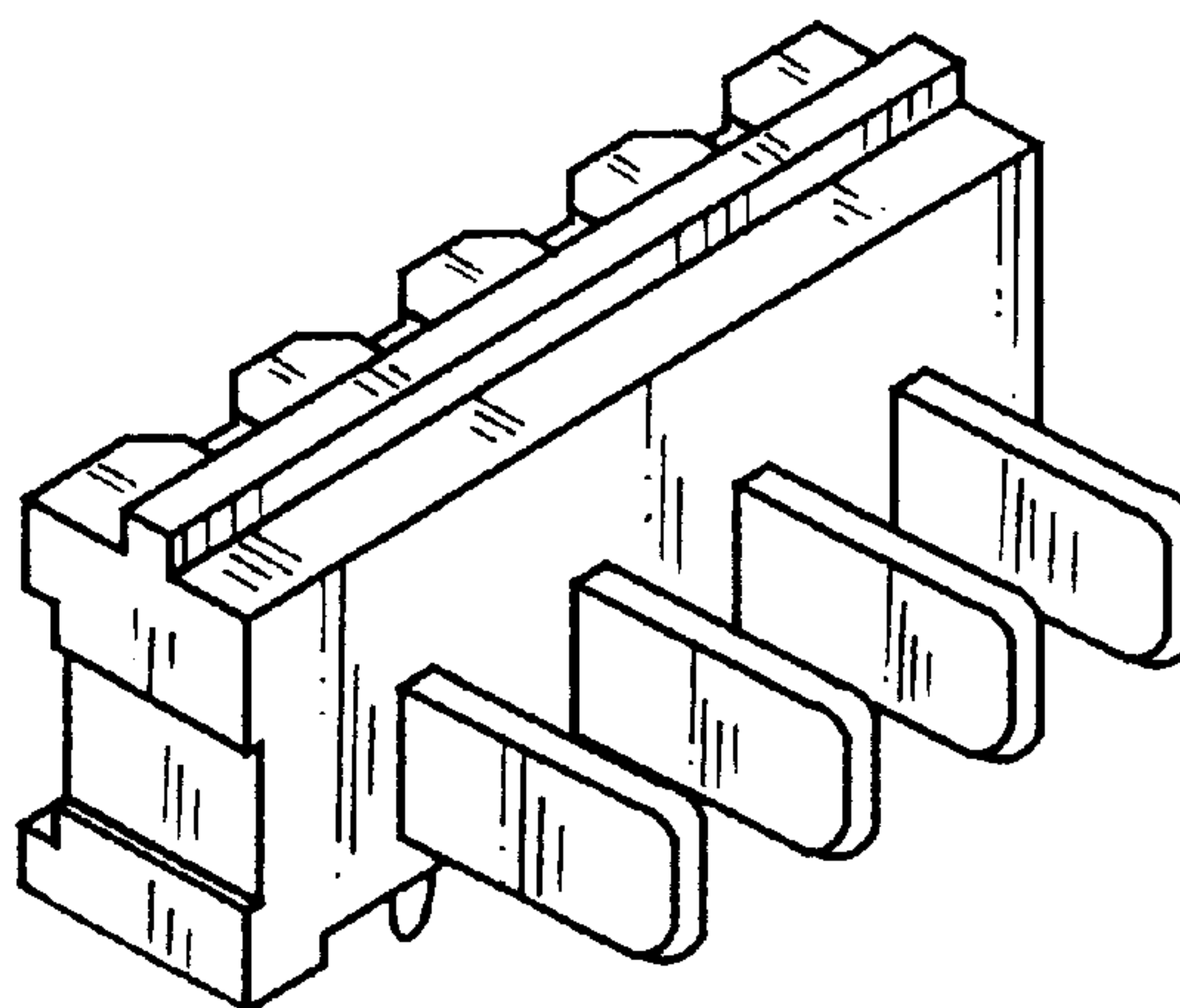
FIGS. 15, 16, 17 and 18 show front, back, top and bottom plan views respectively of the male connector of FIG. 2.

FIGS. 19 and 20 show respectively right and left side elevational showings of the male connector of FIG. 2.

FIG. 21 is a sectional showing of the male connector of FIG. 15 taken through the lines 15—15 thereof.

The claimed design is directed to the assembly of the male and female portions. For the purpose of fully disclosing the invention only the female portion is shown separate in FIGS. 1, 9, 10, 11 and 12 and the male portion is shown separately in FIGS. 2, 15, 16, 17 and 18.

1 Claim, 7 Drawing Sheets



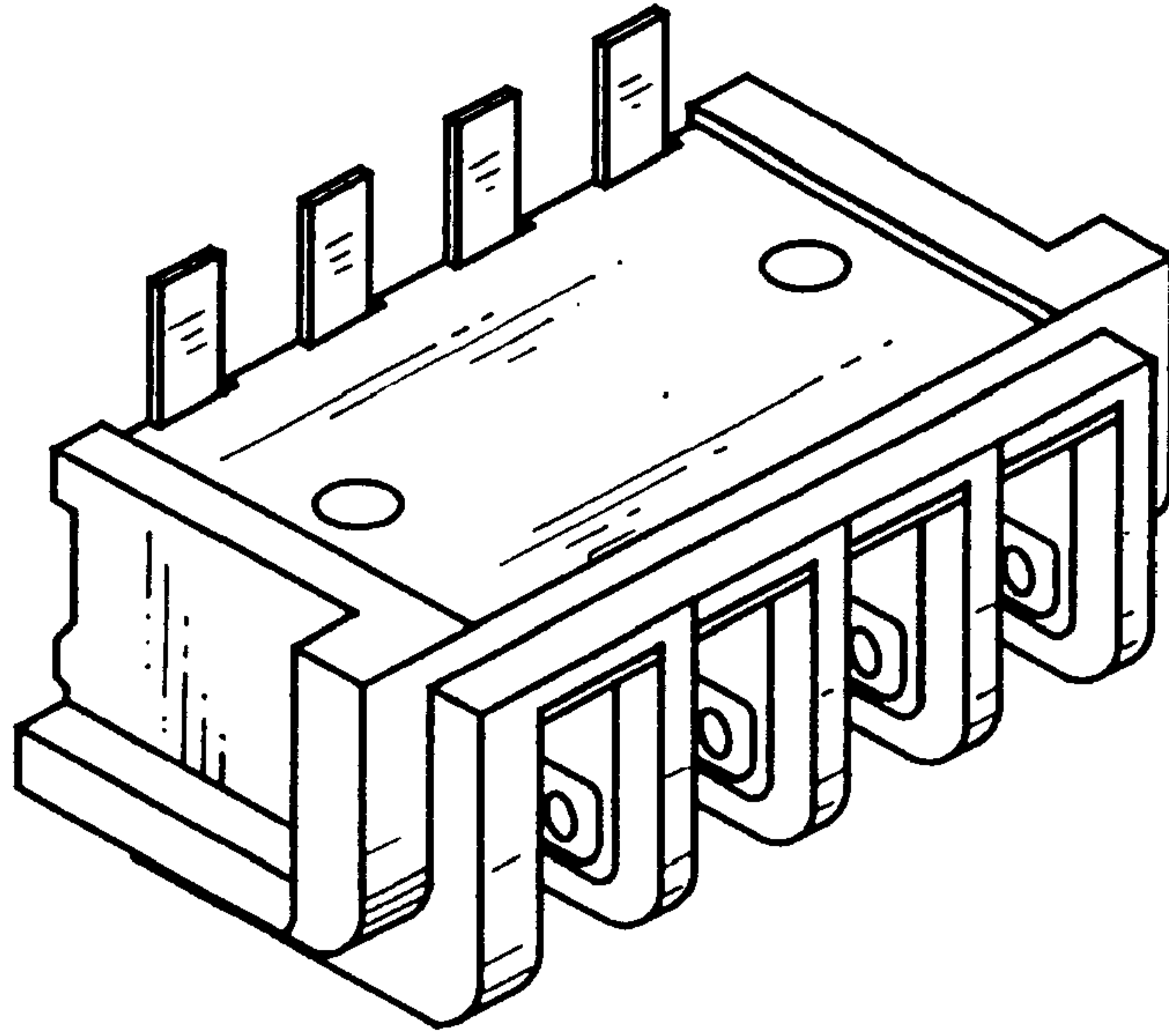


FIG. 1

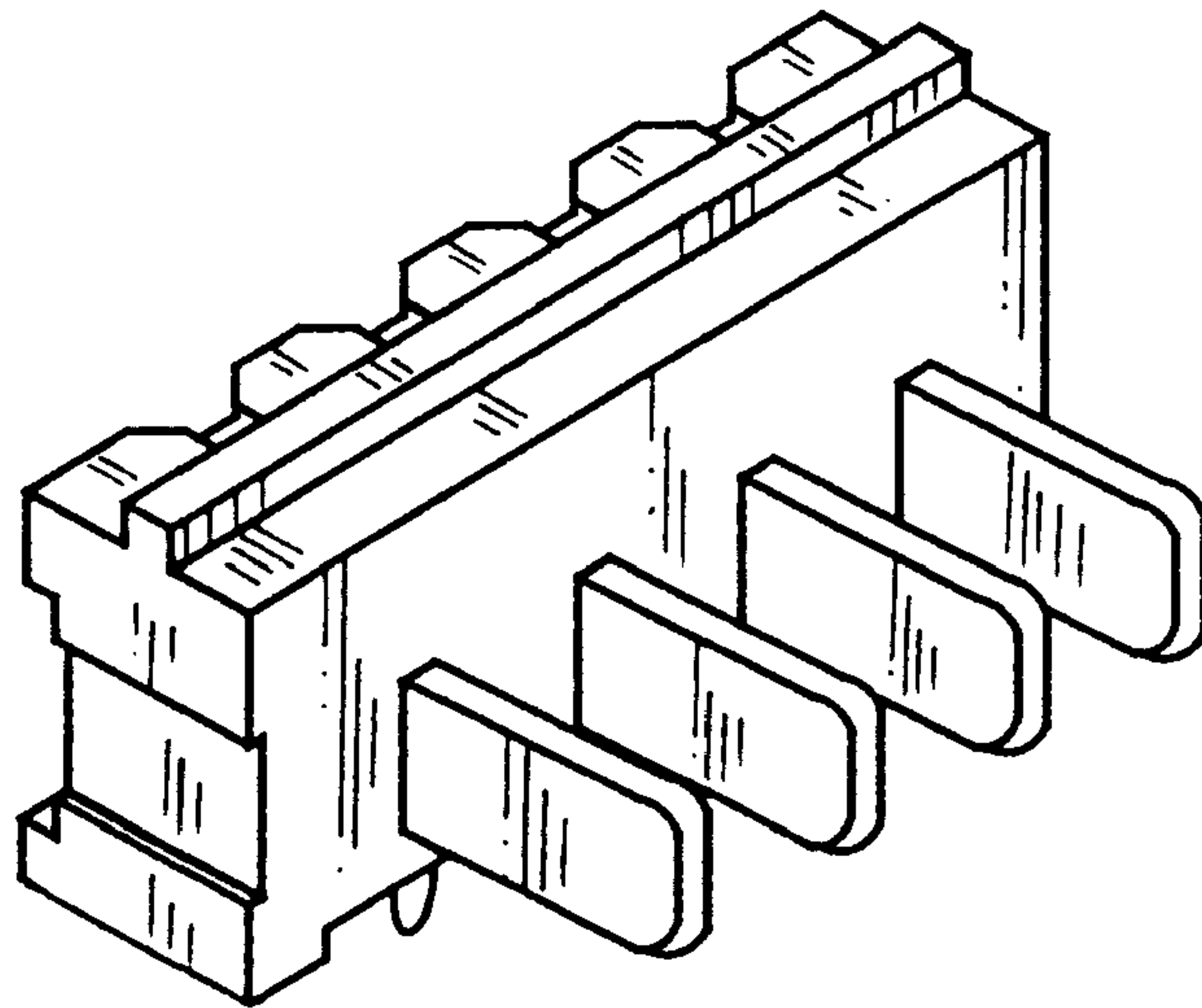


FIG. 2

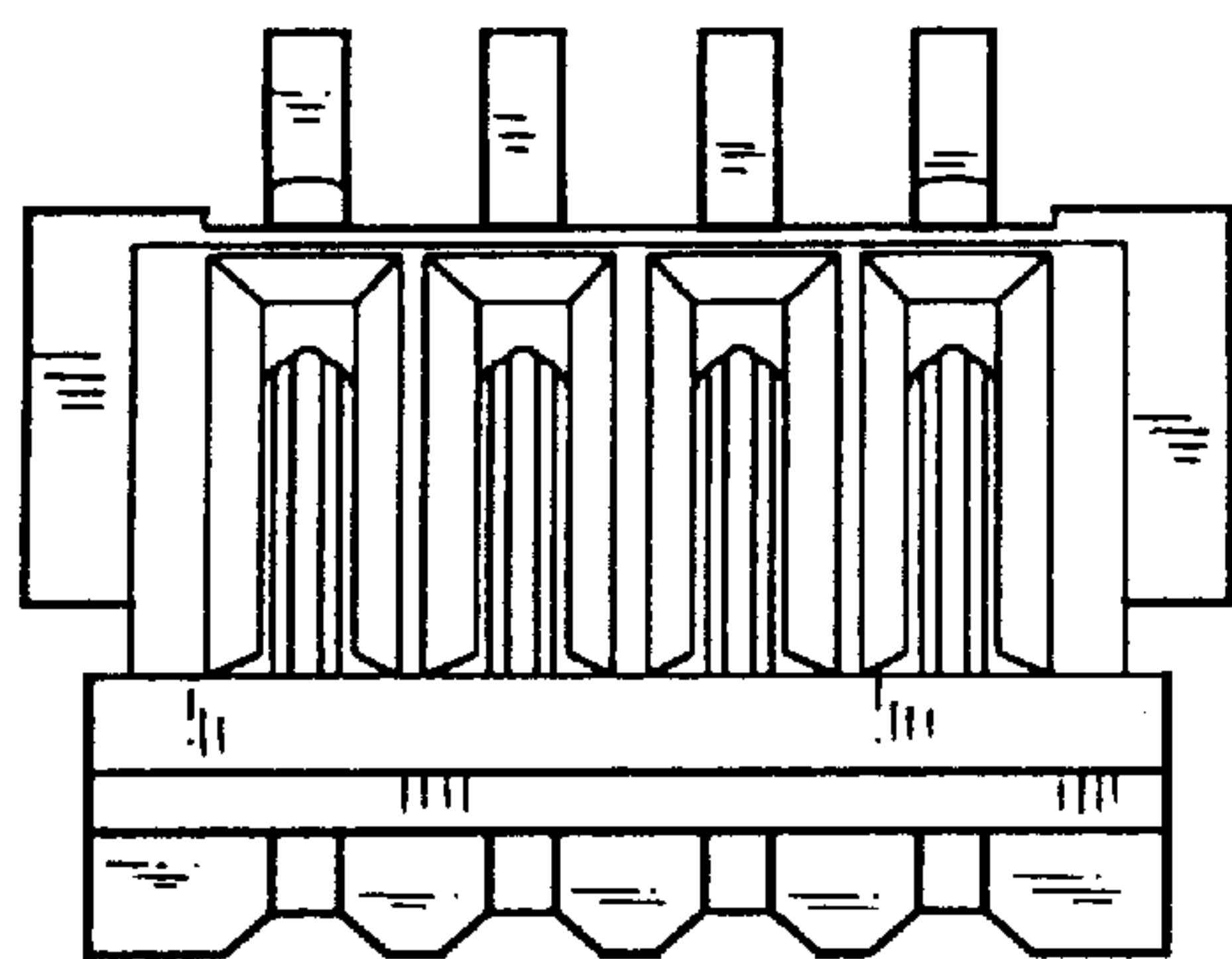


FIG. 3

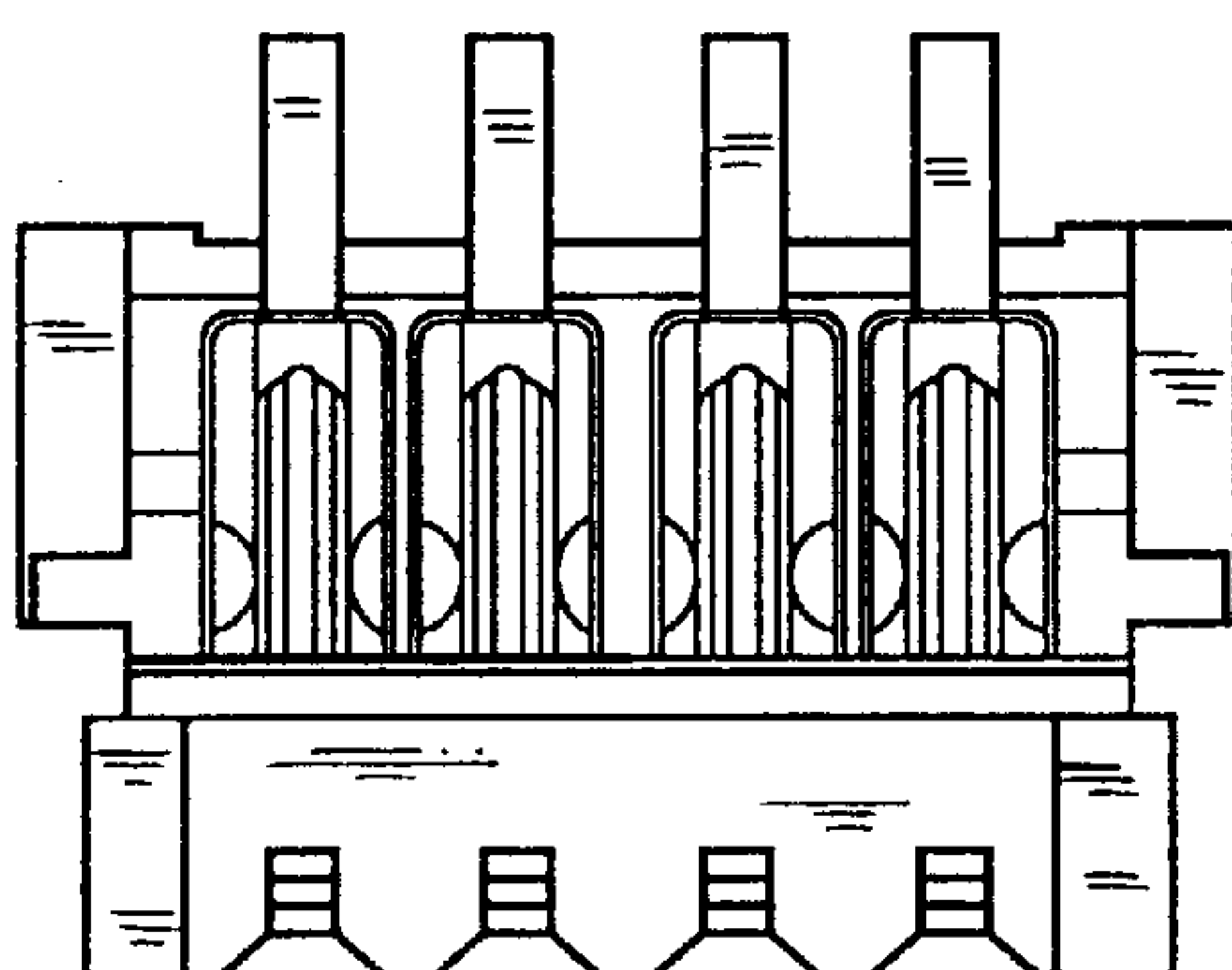


FIG. 4

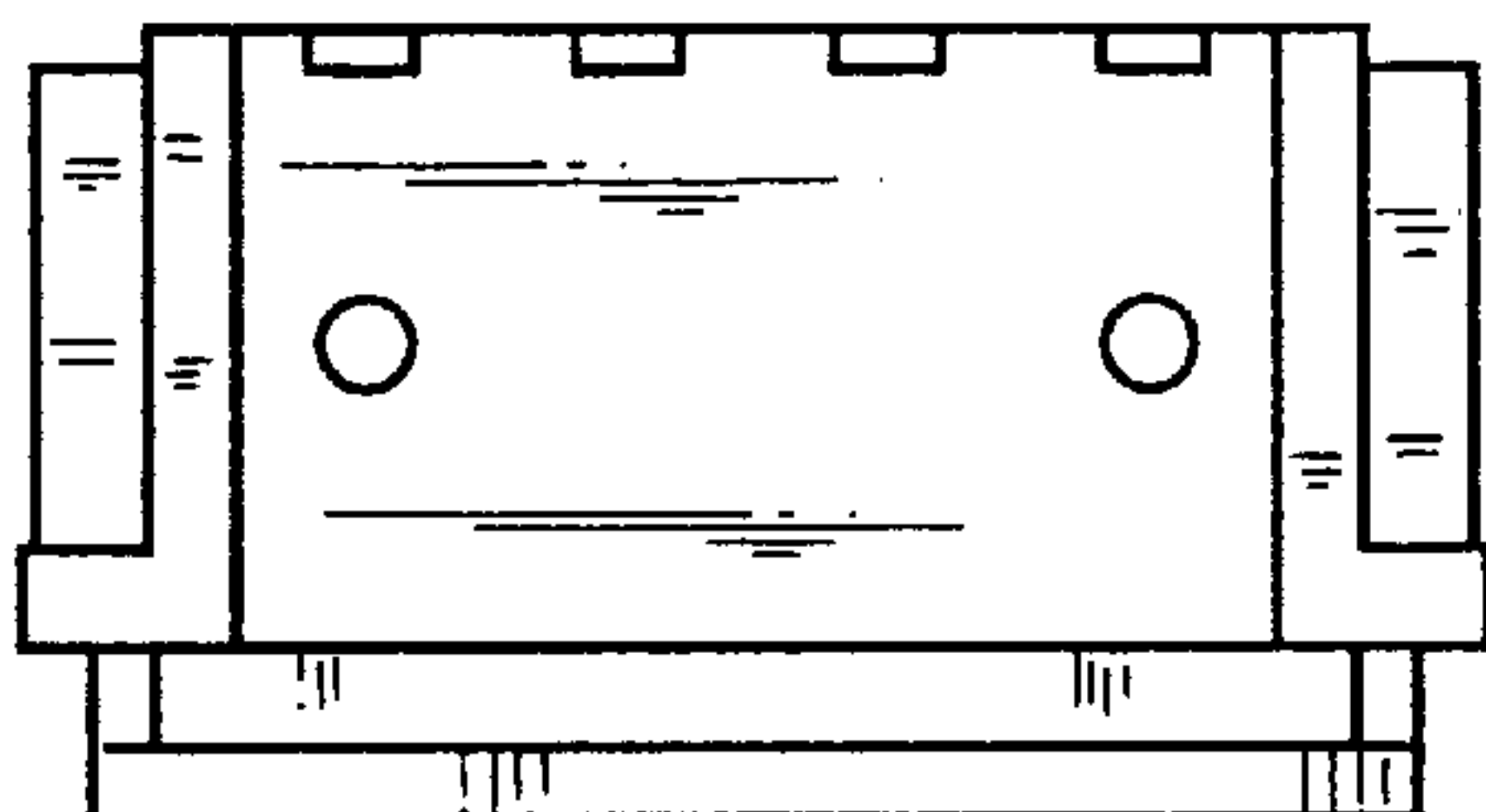


FIG. 5

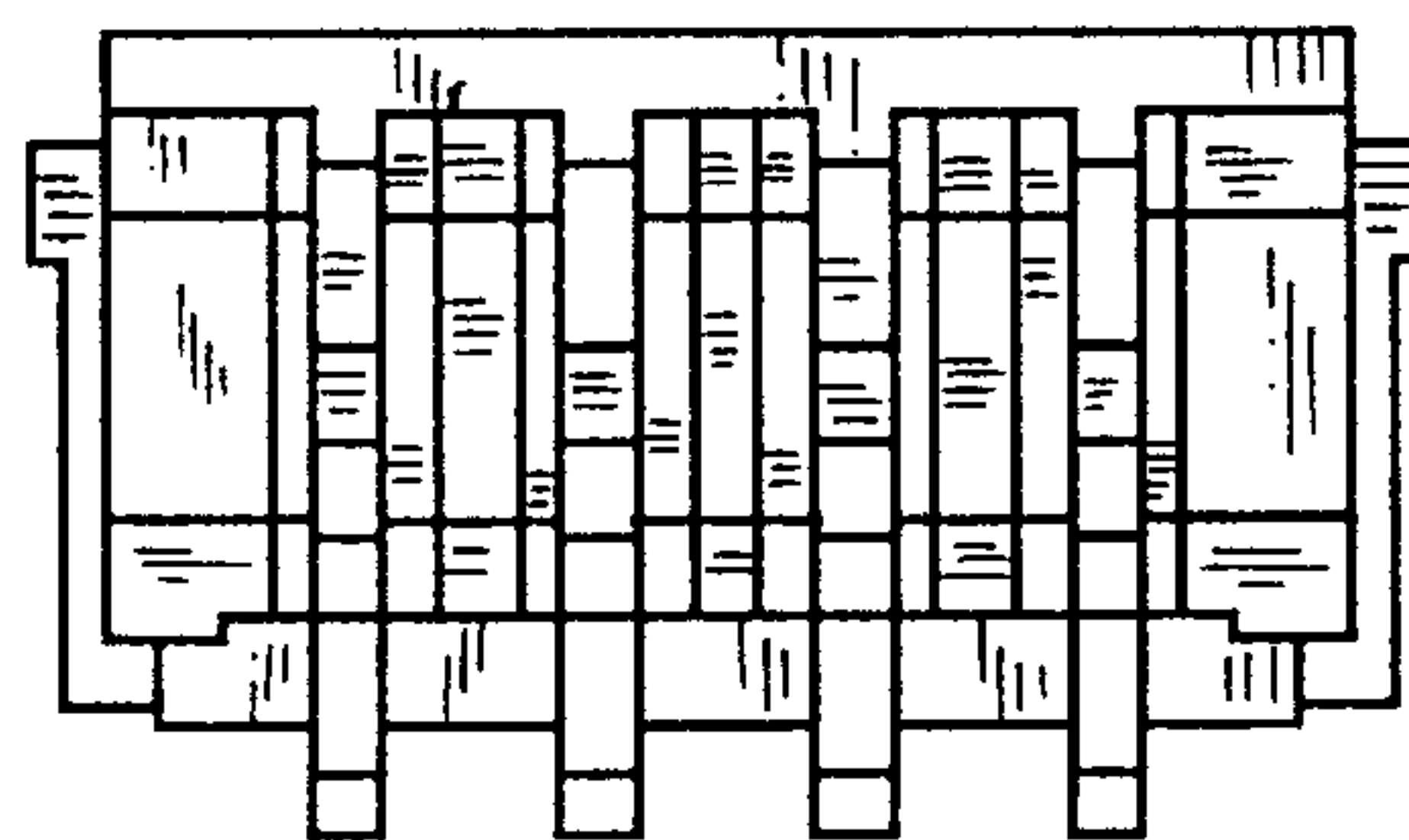


FIG. 6

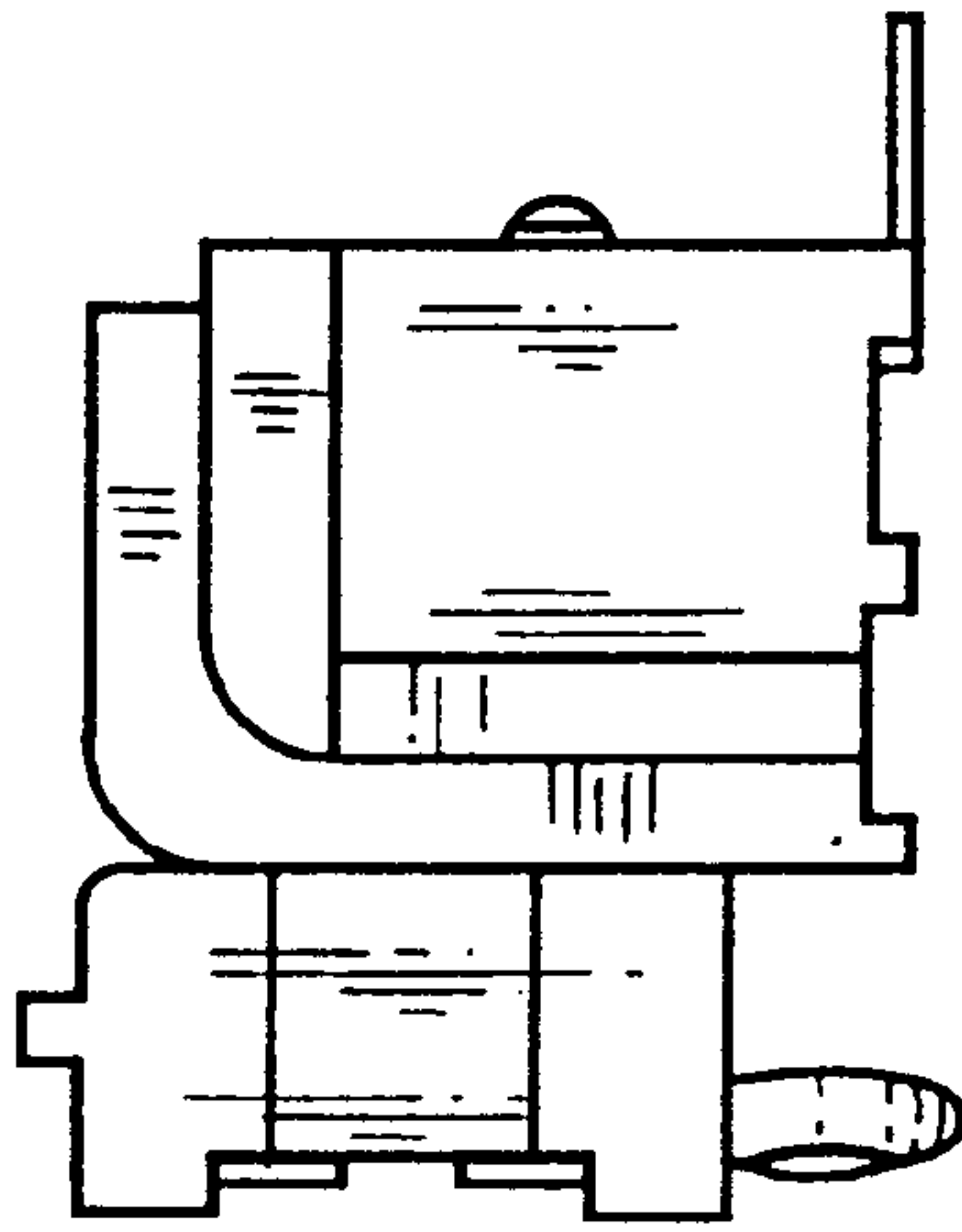


FIG. 7

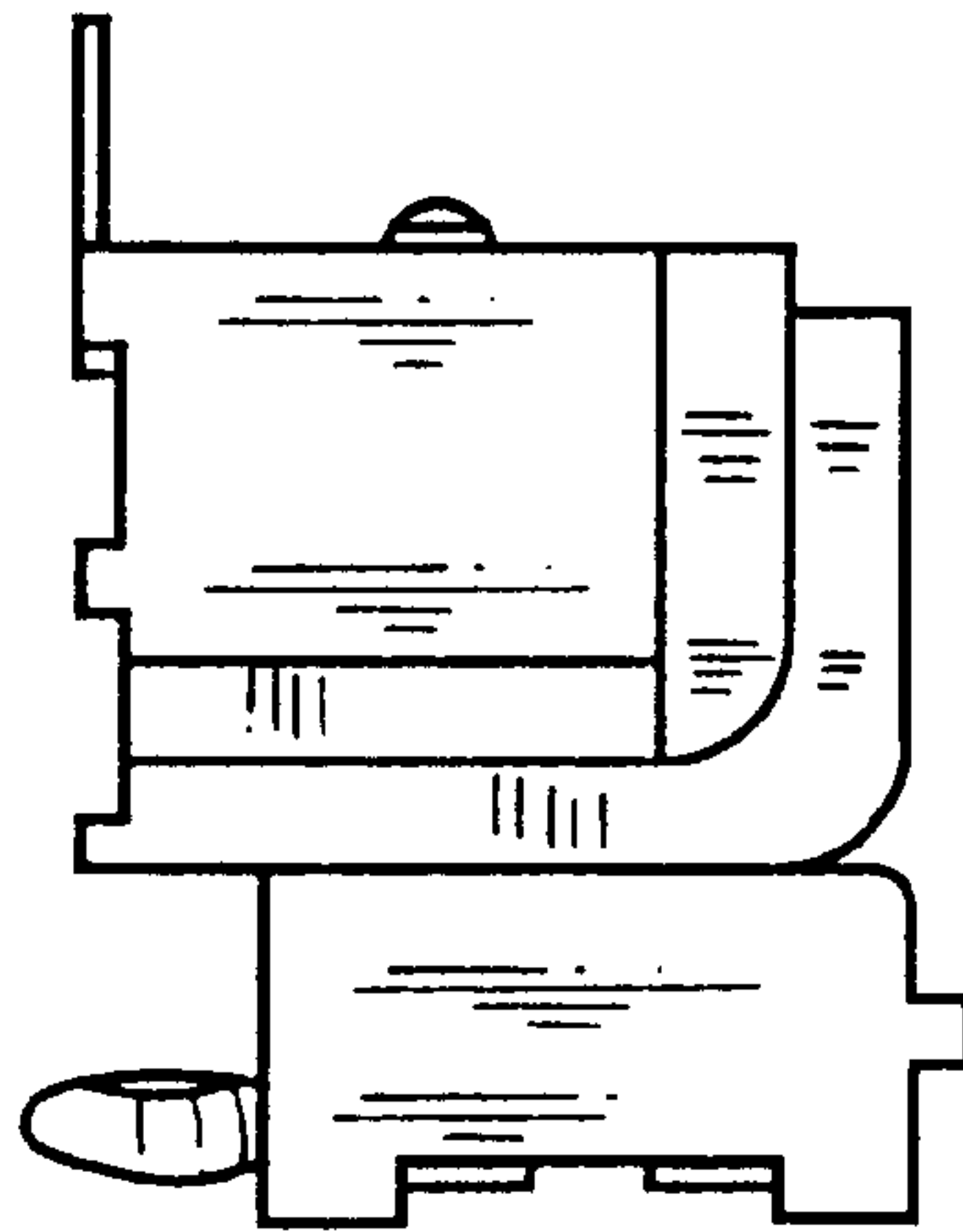


FIG. 8

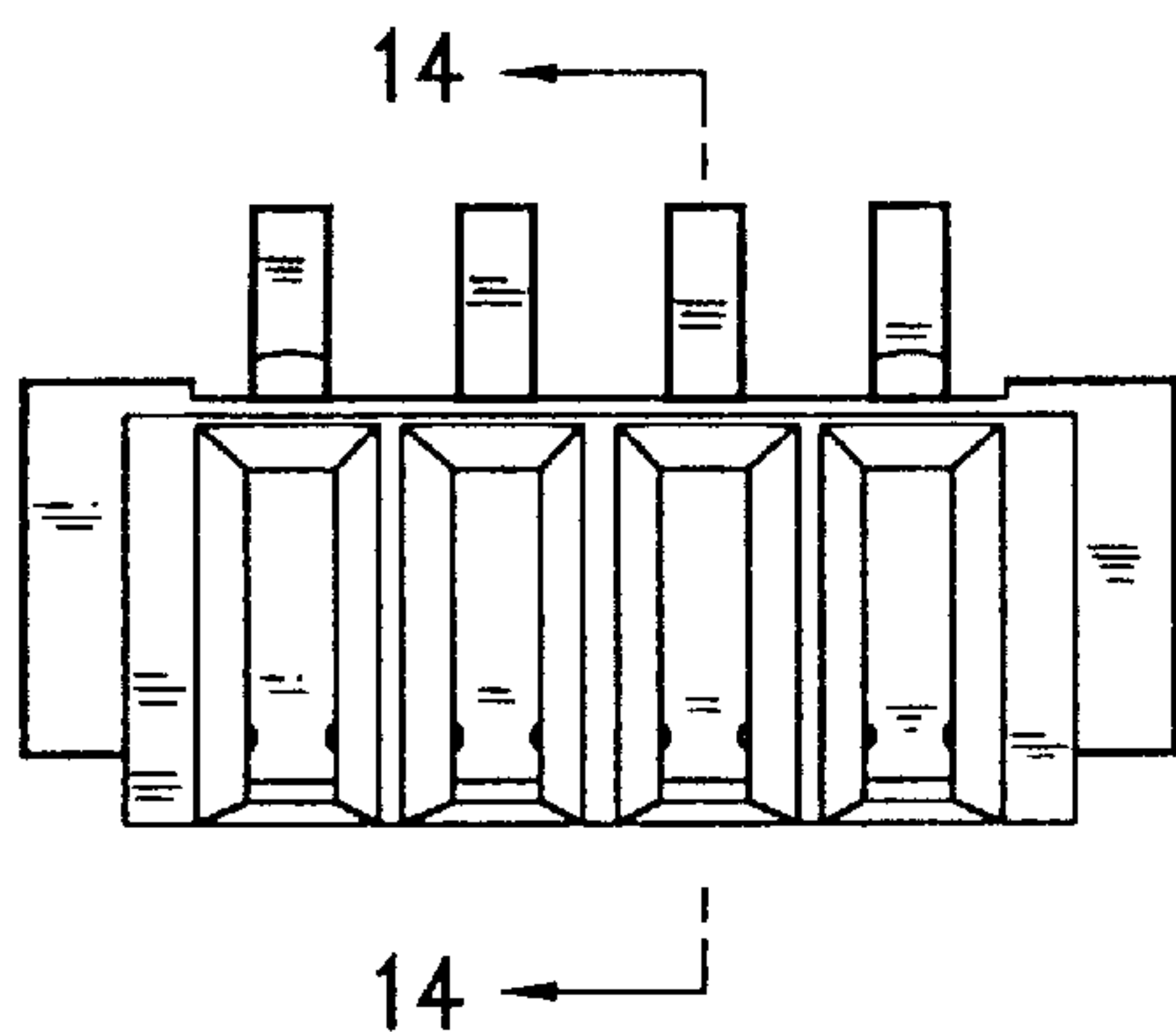


FIG. 9

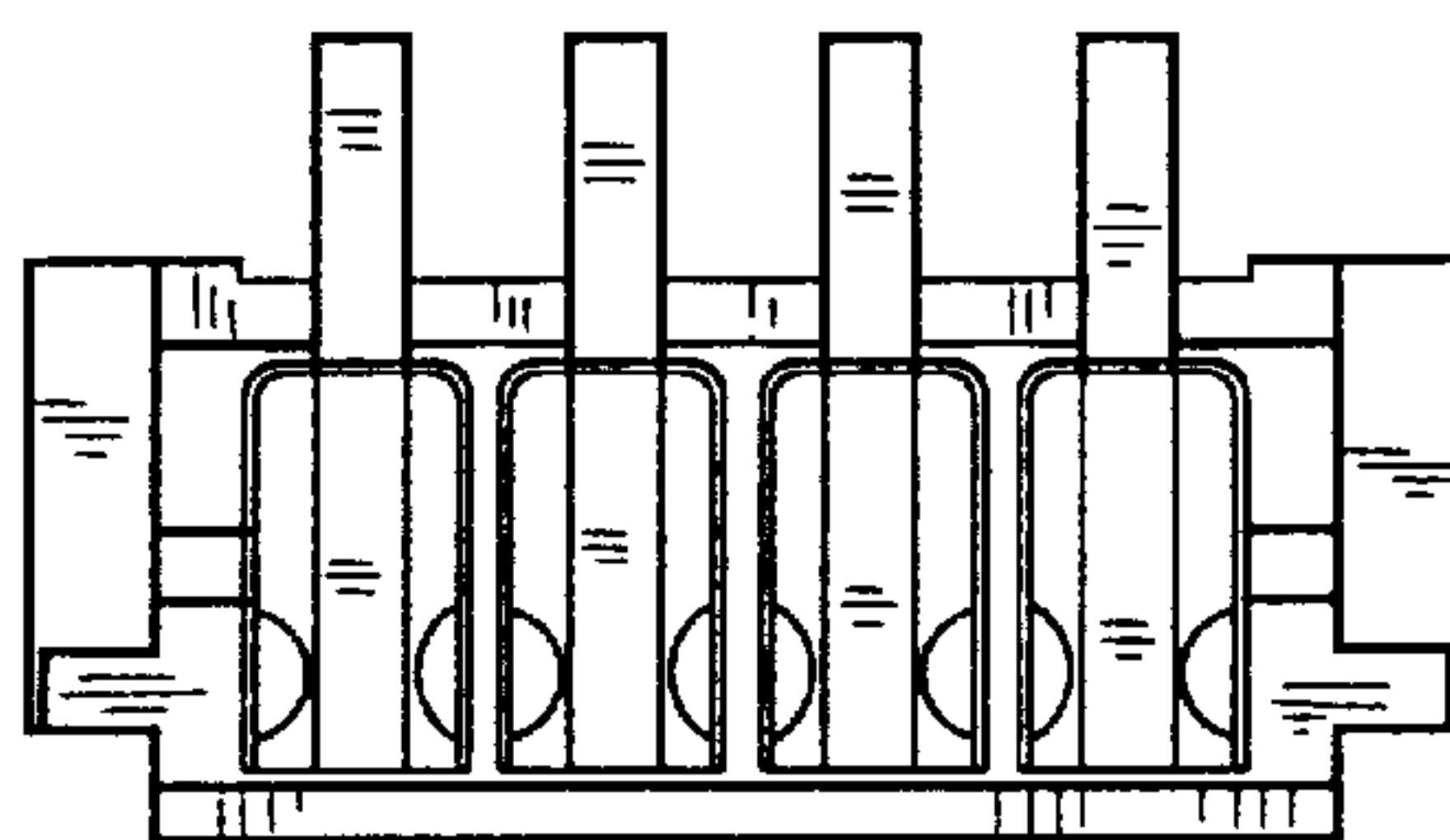


FIG. 10

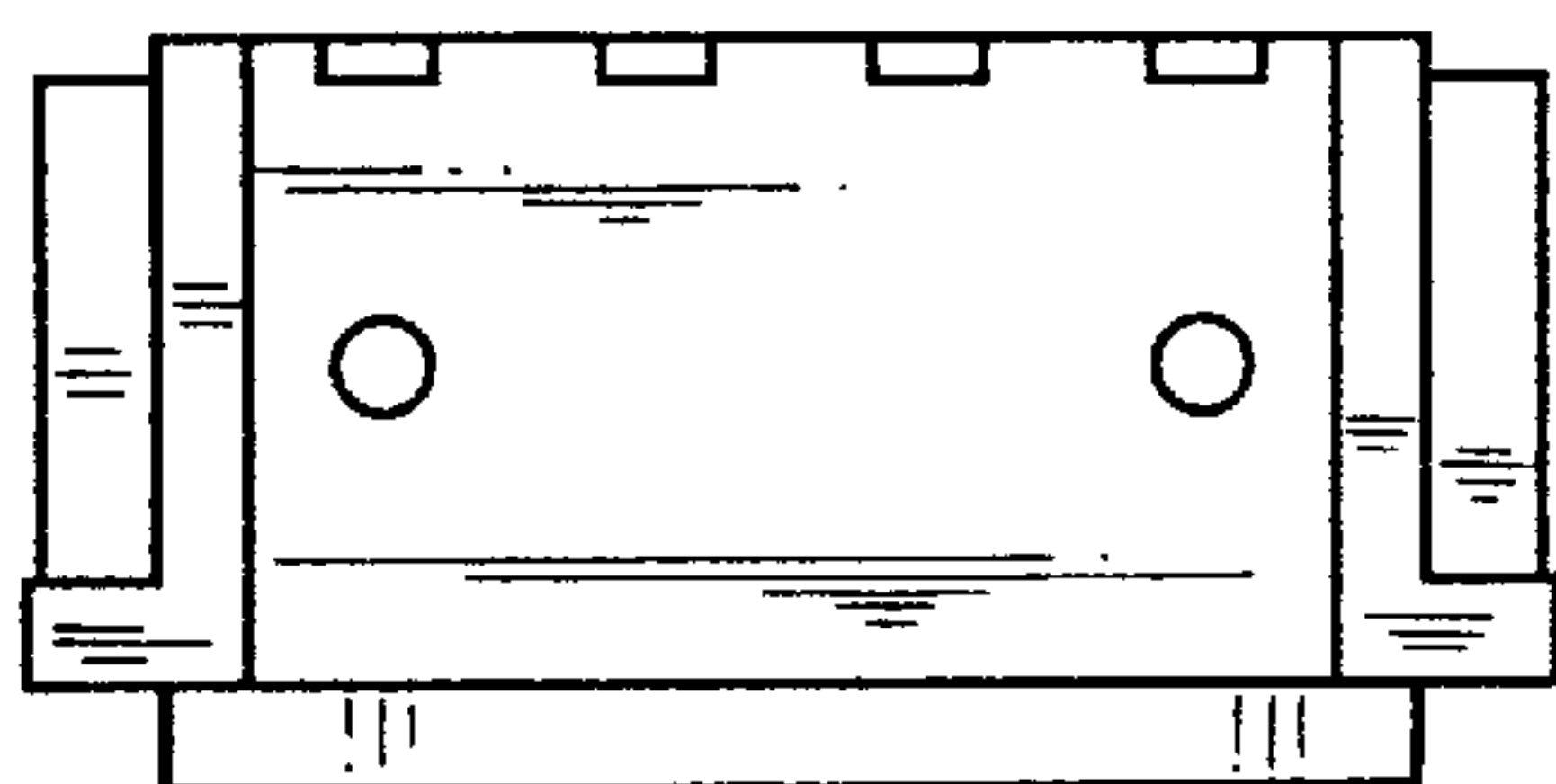


FIG. 11

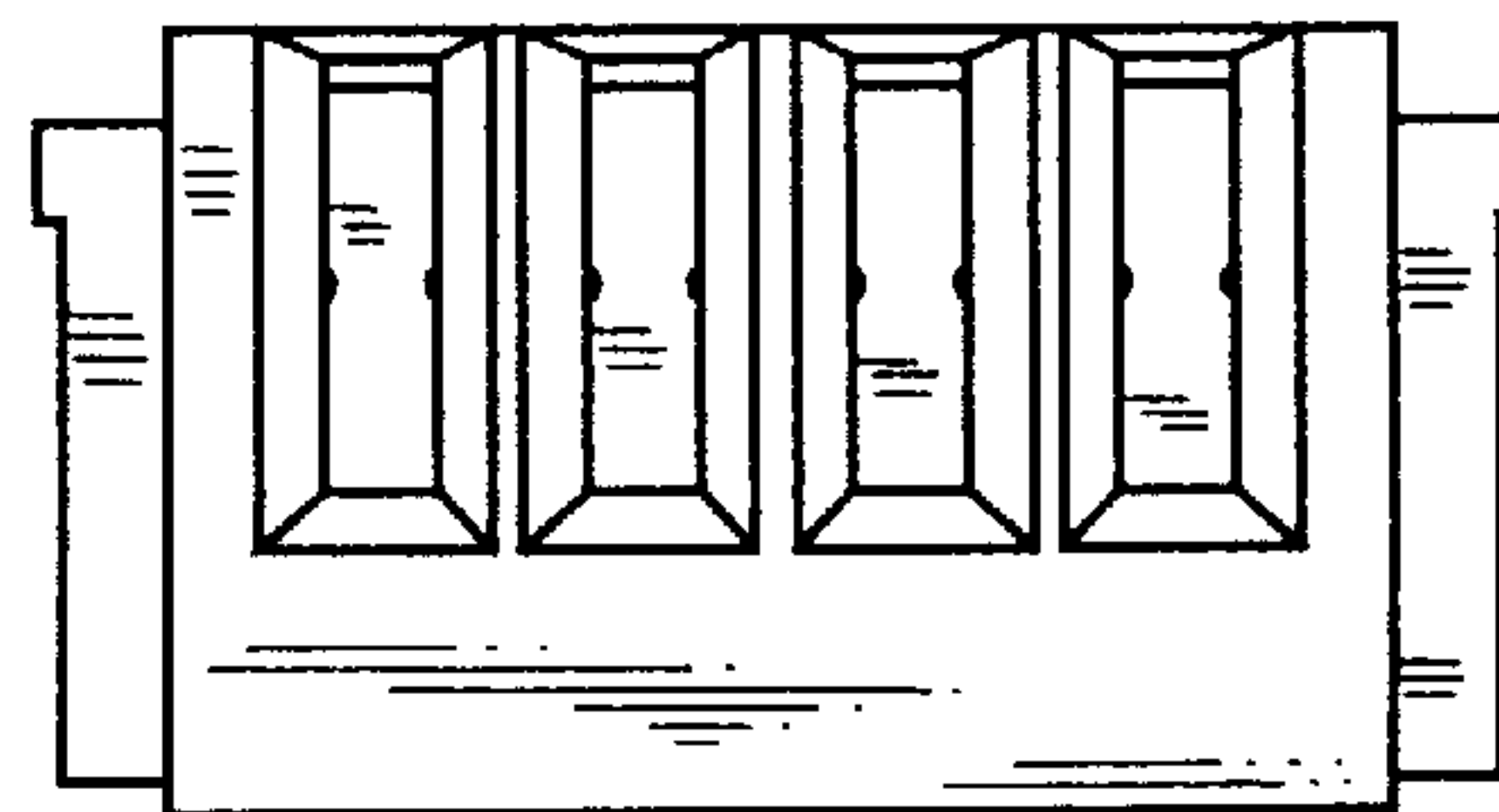


FIG. 12

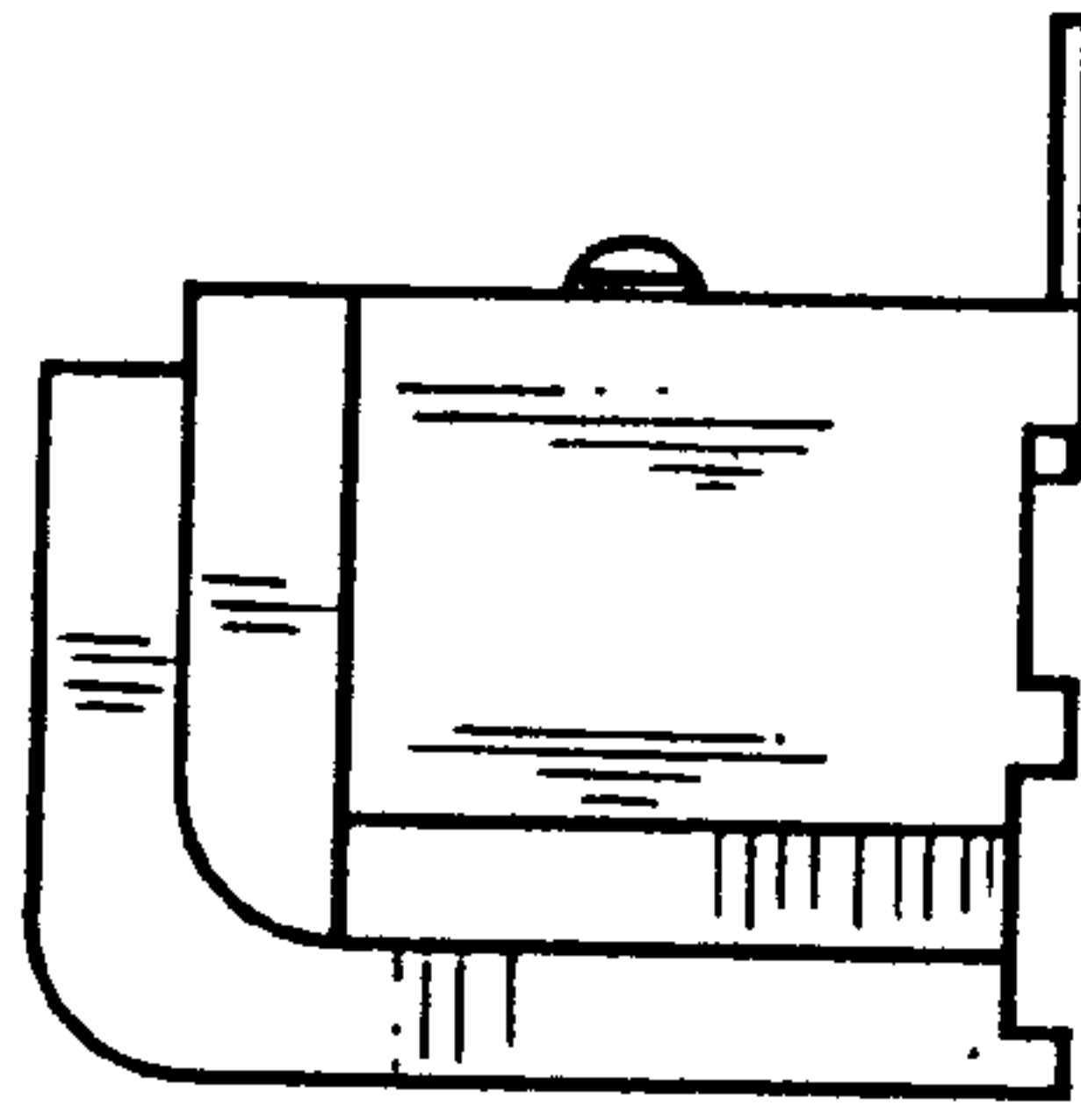


FIG. 13

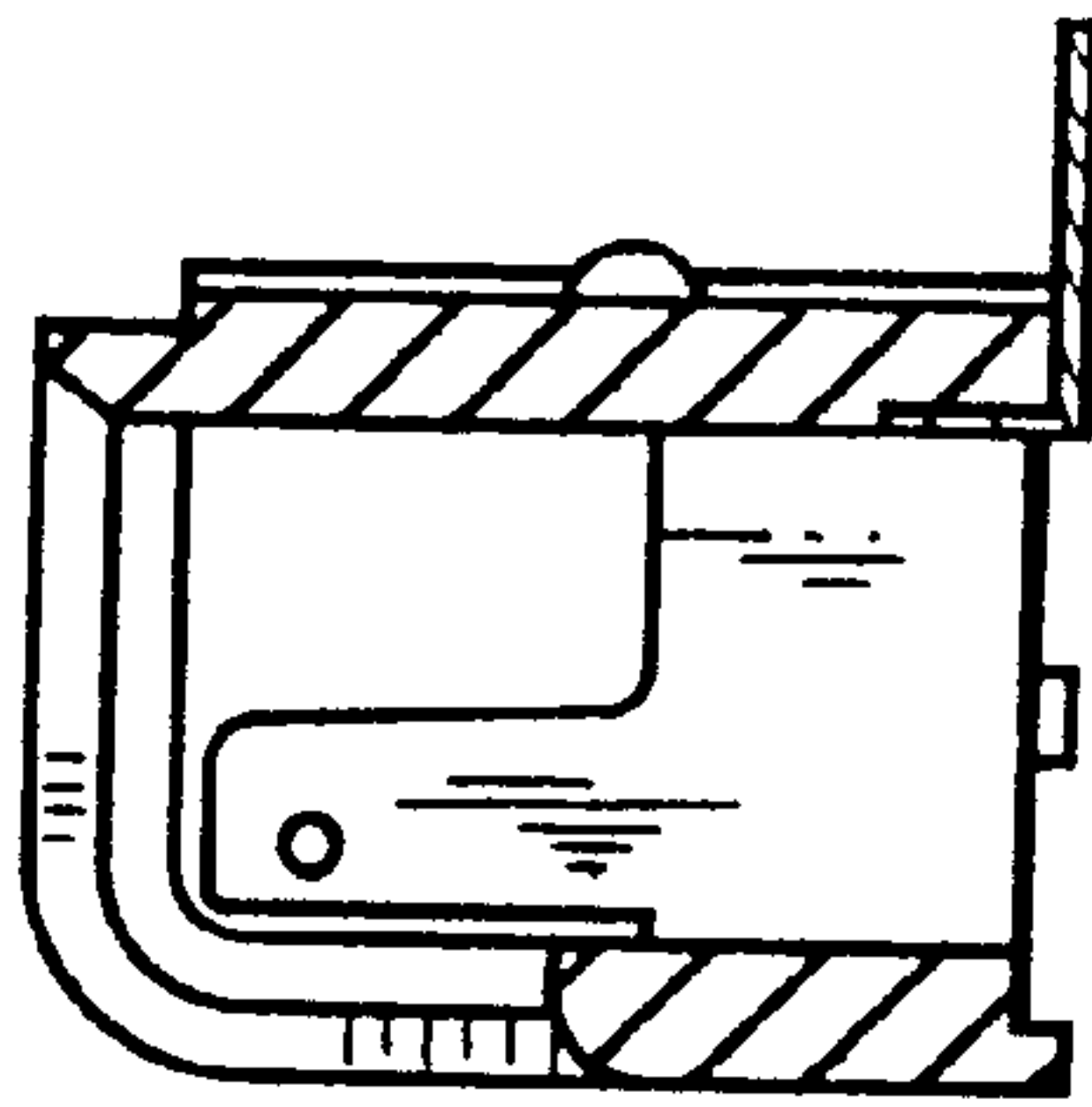


FIG. 14

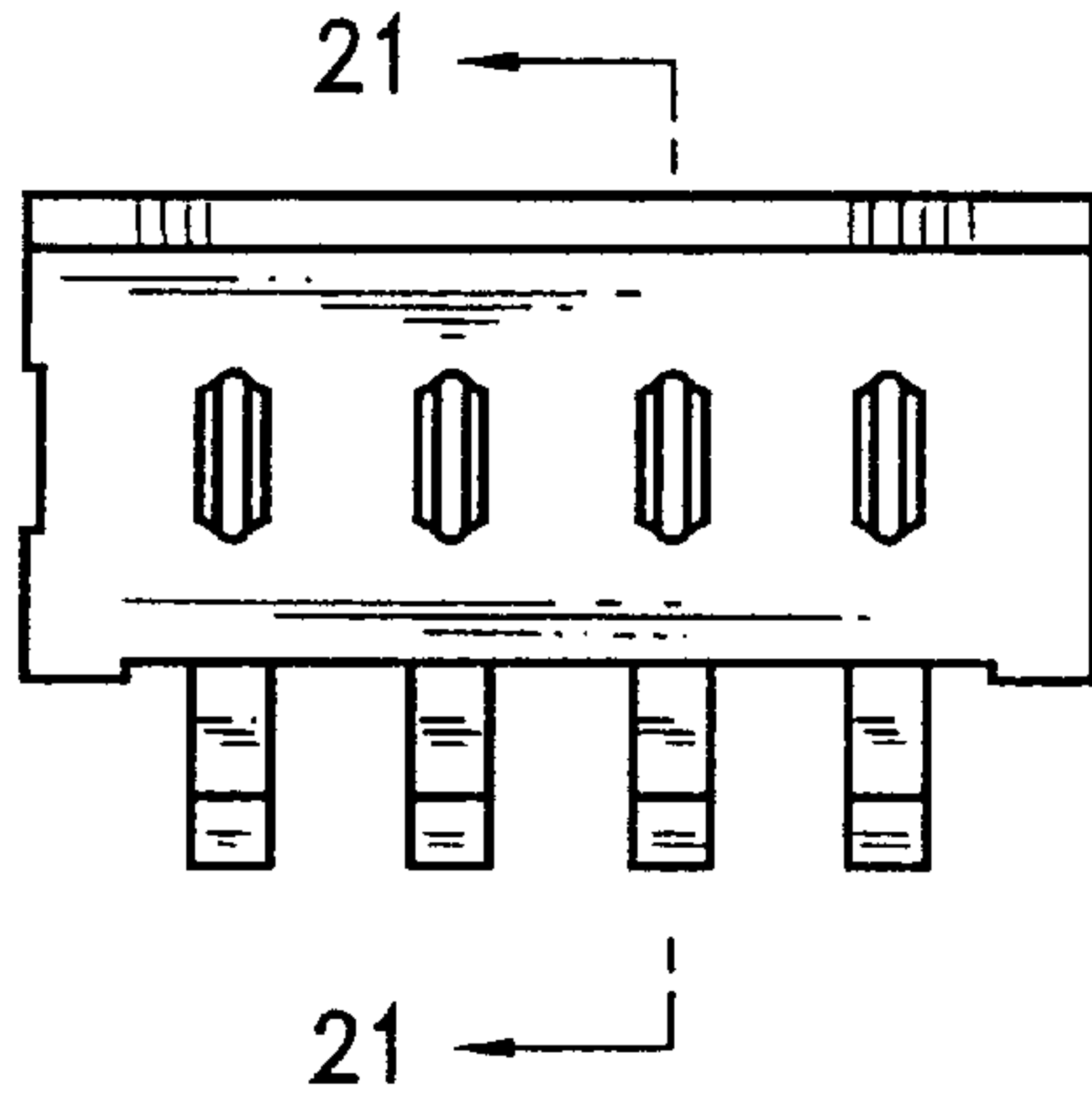


FIG. 15

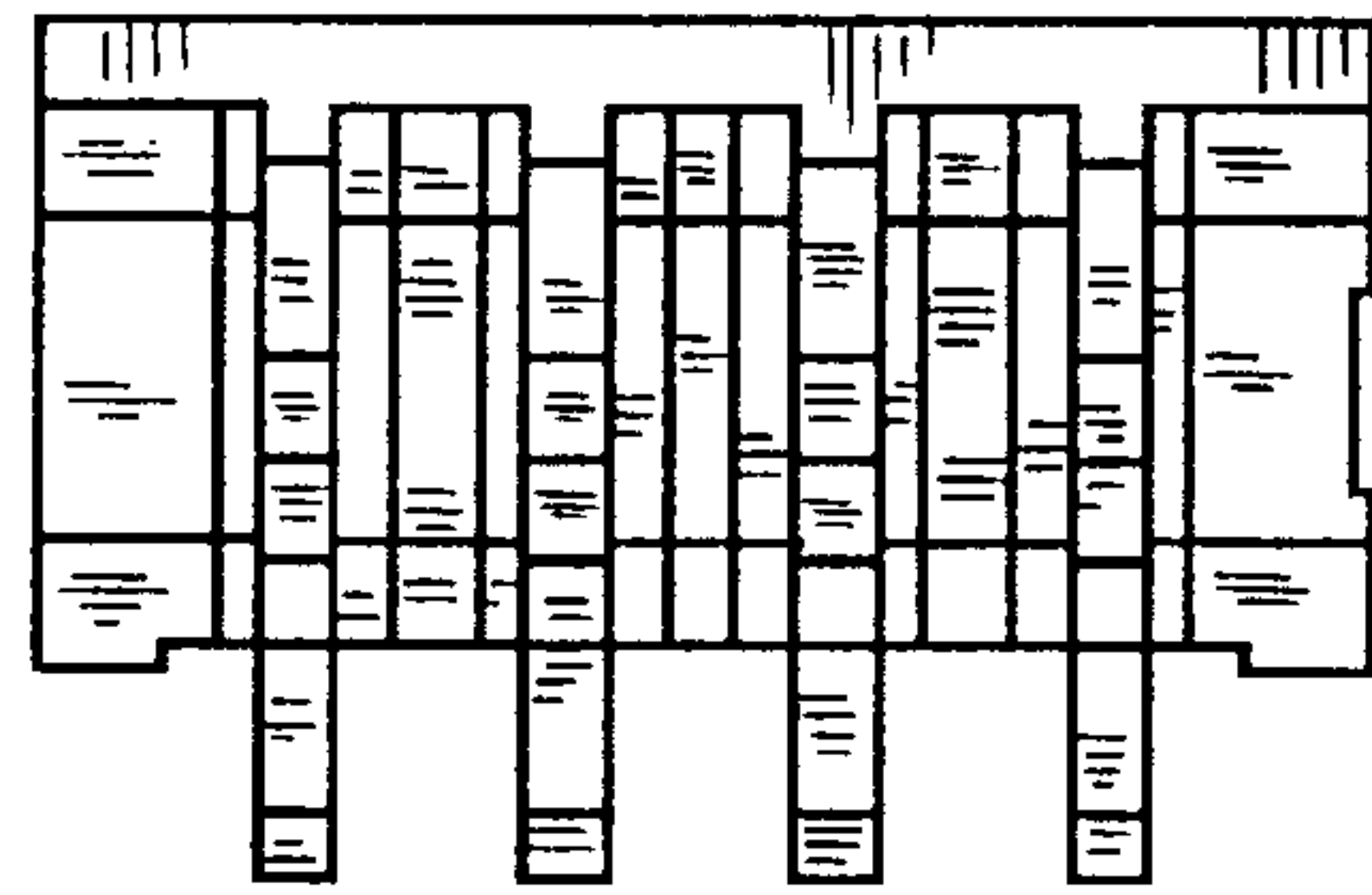


FIG. 16

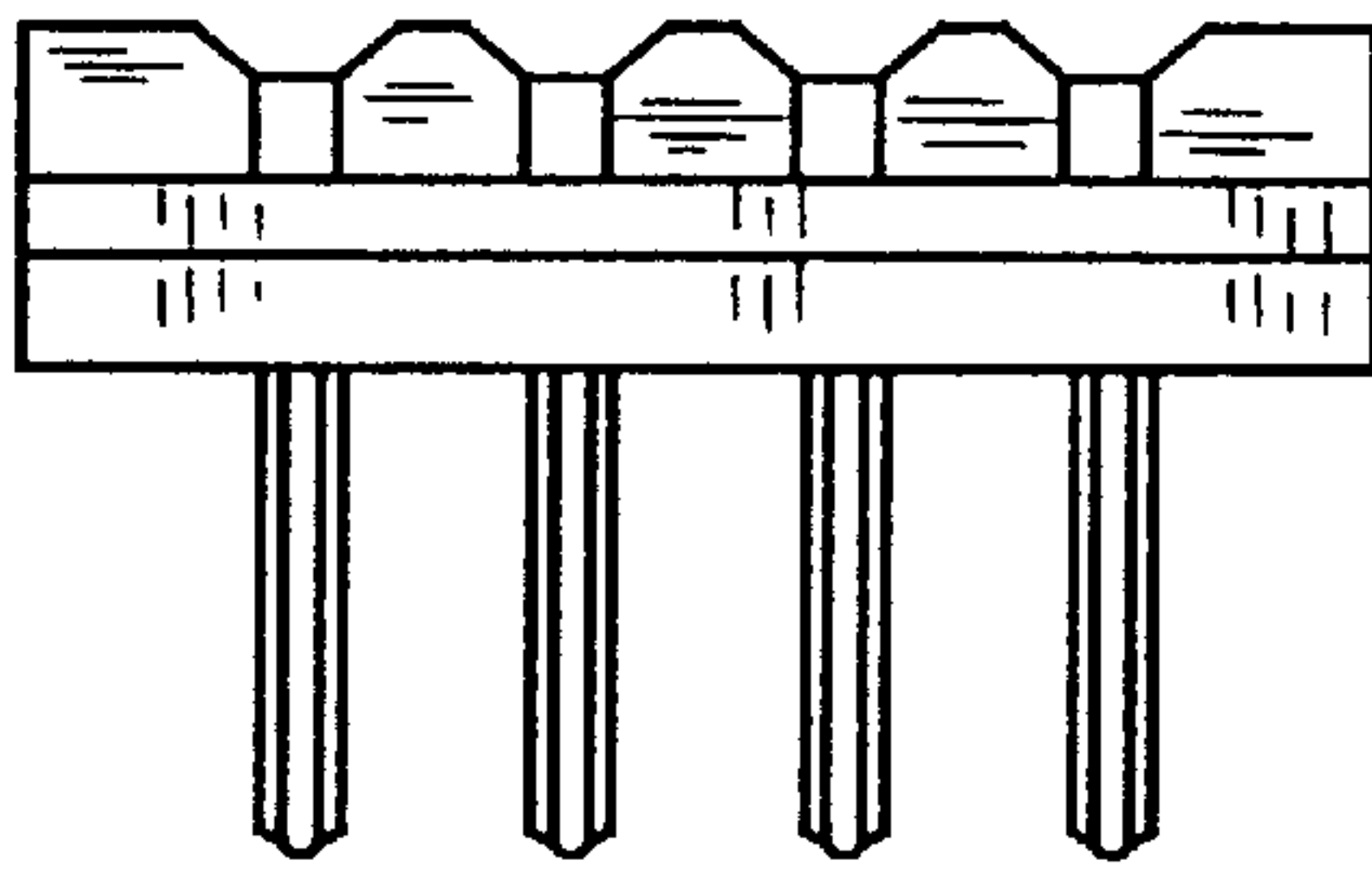


FIG. 17

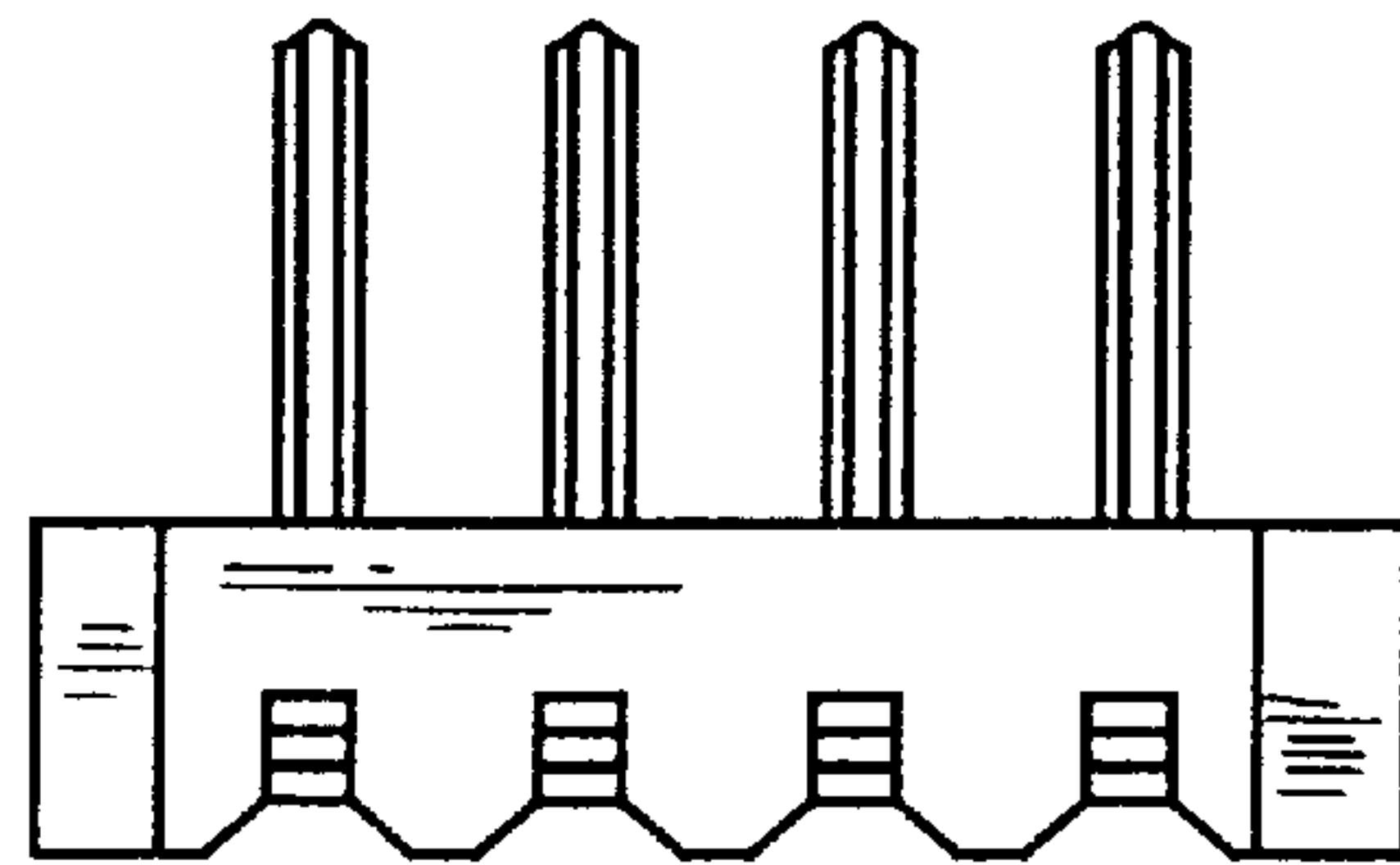


FIG. 18

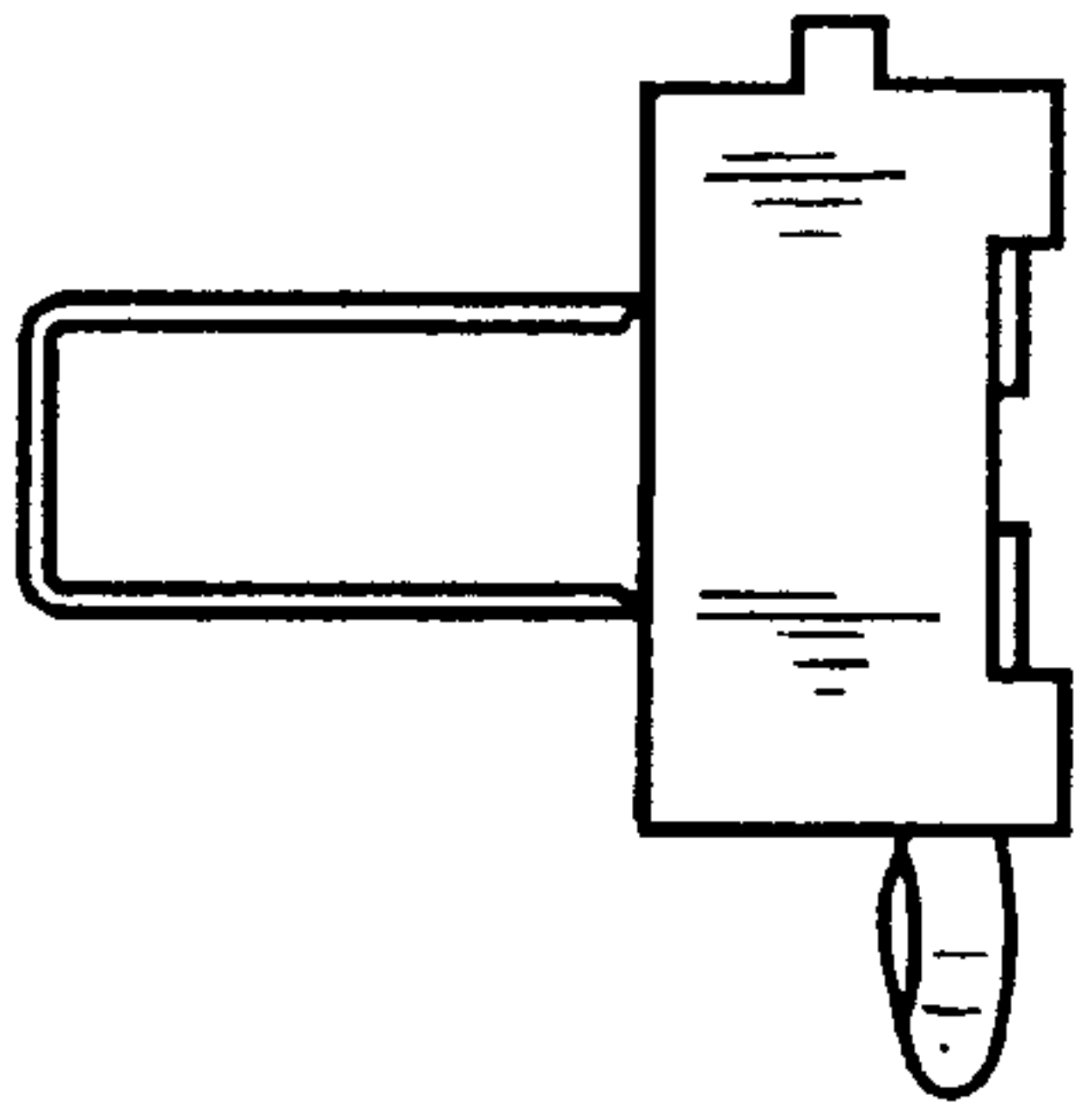


FIG. 19

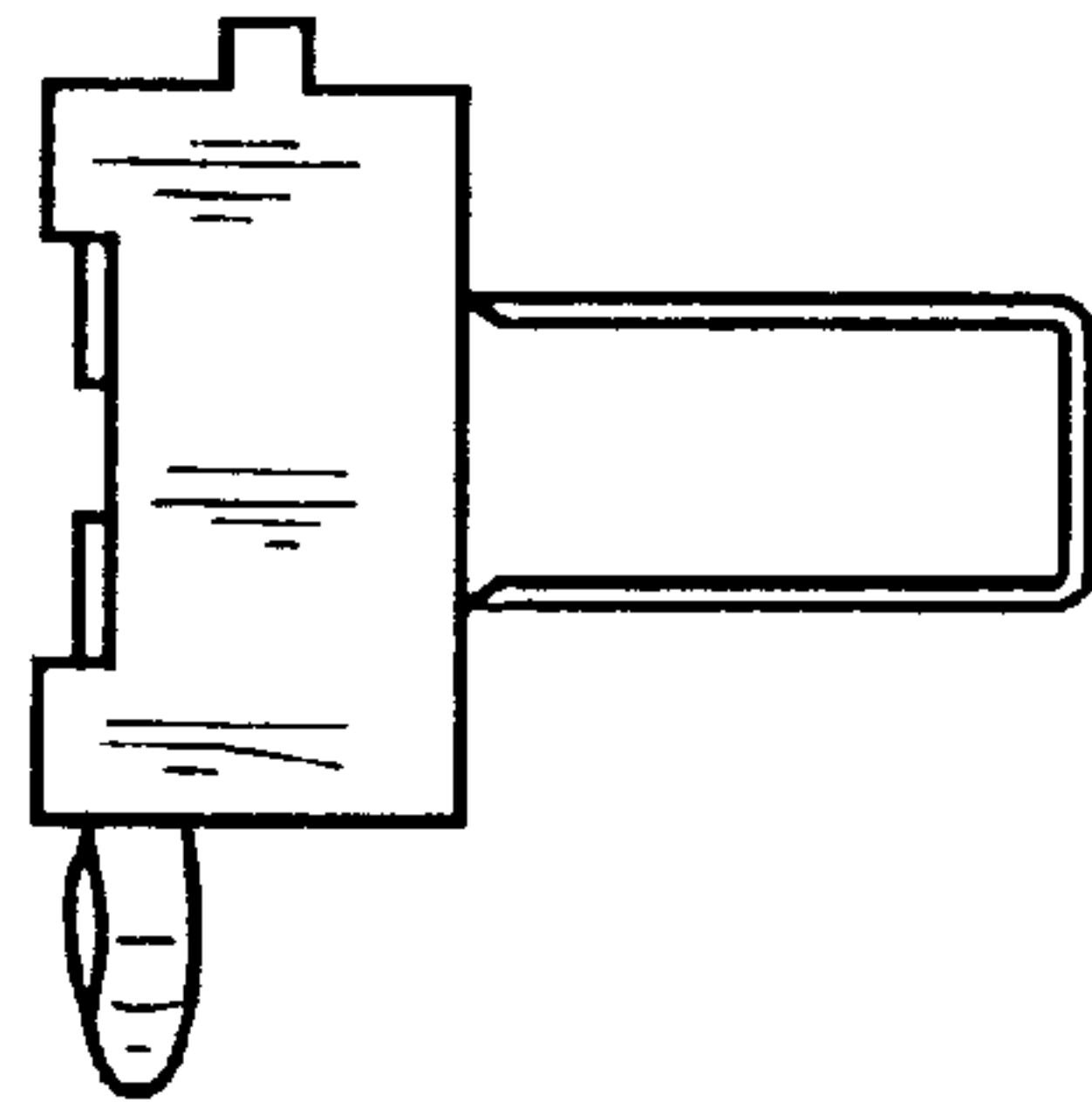


FIG. 20

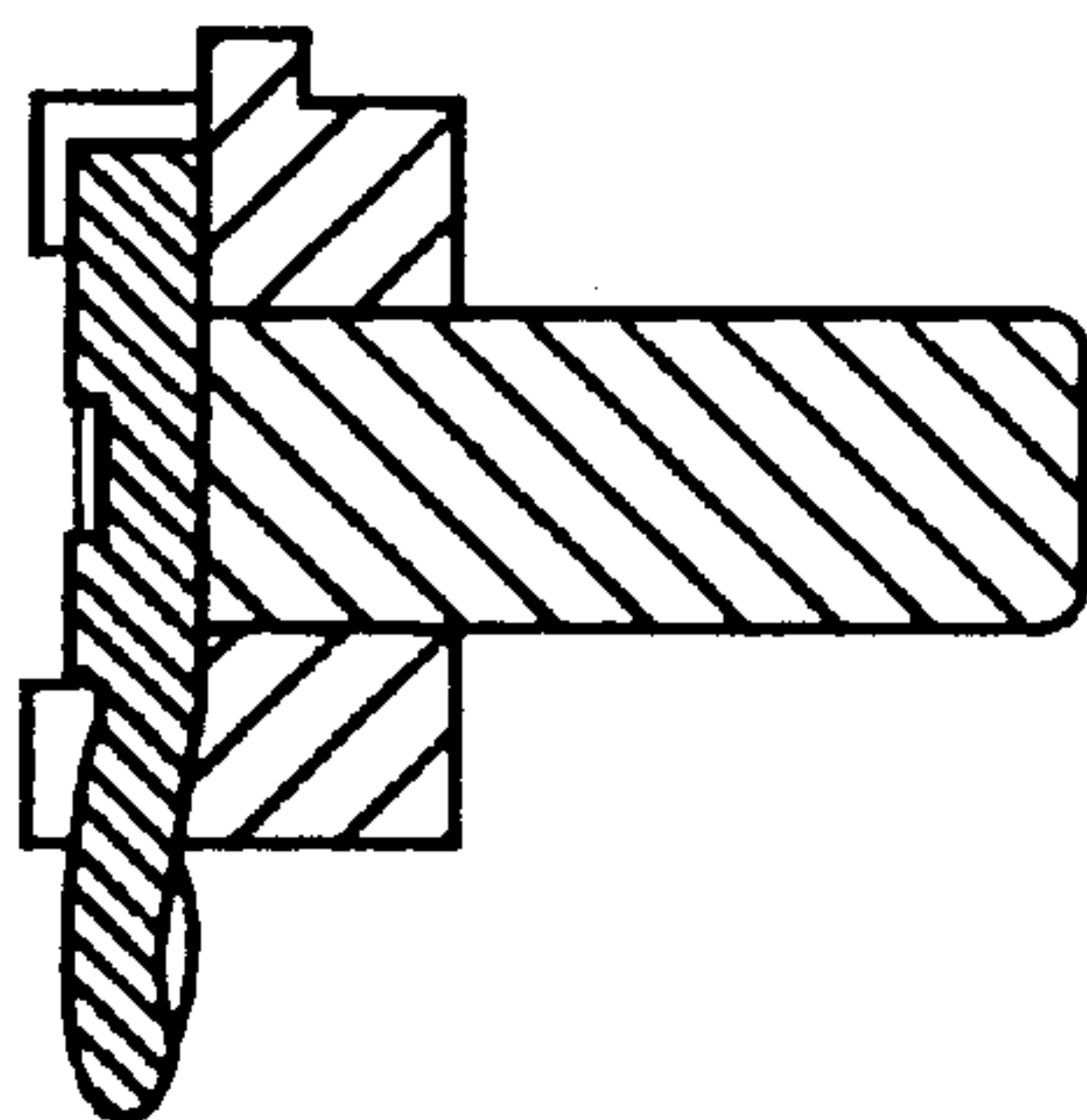


FIG. 21