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(12) **United States Design Patent**  
**Fujita et al.**

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(54) **CONTROL VALVE FOR A REFRIGERANT COMPRESSOR**

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(73) Assignee: **Sanden Corporation**, Gunma (JP)

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

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(30) **Foreign Application Priority Data**

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(51) **LOC (7) Cl.** ..... **23-01**

(52) **U.S. Cl.** ..... **D23/233; D23/235**

(58) **Field of Search** ..... **D23/233, 235, D23/237, 249; 417/222.2**

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(57) **CLAIM**

The ornamental design for a control valve for a refrigerant compressor, as shown.

#### DESCRIPTION

FIG. 1 is a front view of the control valve for a refrigerant compressor, according to a first embodiment of the design. A rear view of the design is identical to the front view, according to a first embodiment of our design.

FIG. 2 is a right side view of the control valve for a refrigerant compressor, according to a first embodiment of

the design. A left side view of our design is identical to the right side view, according to a first embodiment of the design.

FIG. 3 is a top view of the control valve for a refrigerant compressor, according to a first embodiment of the design.

FIG. 4 is a bottom view of the control valve for a refrigerant compressor, according to a first embodiment of the design.

FIG. 5 is a cross-sectional view of a control valve for a refrigerant compressor as taken from line V—V of FIG. 1 according to a first embodiment of the design.

FIG. 6 is a front view of the control valve for a refrigerant compressor, according to a second embodiment of the design. A rear view of the design is identical to the front view, according to a second embodiment of the design.

FIG. 7 is a right side view of the control valve for a refrigerant compressor, according to a second embodiment of the design. A left side view of our design is identical to the right side view, according to a second embodiment of the design.

FIG. 8 is a top view of the control valve for a refrigerant compressor, according to a second embodiment of the design.

FIG. 9 is a bottom view of the control valve for a refrigerant compressor, according to a second embodiment of the design.

FIG. 10 is a cross-sectional view of a control valve for a refrigerant compressor as taken from line X—X of FIG. 6 according to a second embodiment of the design.

FIG. 11 is a front view of the control valve for a refrigerant compressor, according to a third embodiment of our design. A rear view of the design is identical to the front view, according to a third embodiment of the design.

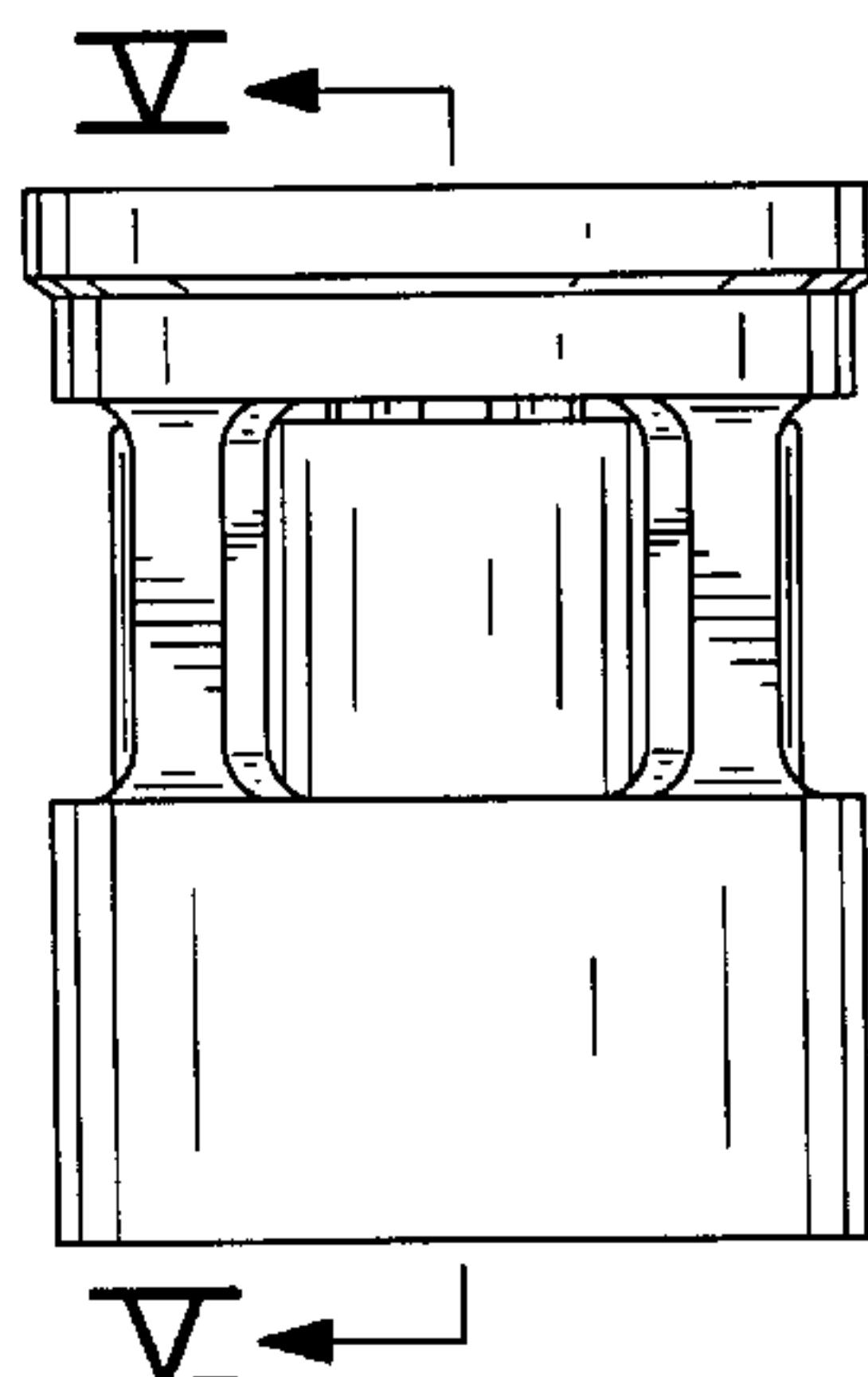
FIG. 12 is a right side view of the control valve for a refrigerant compressor, according to a third embodiment of our design. A left side view of the design is identical to the right side view, according to a third embodiment of the design.

FIG. 13 is a top view of the control valve for a refrigerant compressor, according to a third embodiment of the design.

FIG. 14 is a bottom view of the control valve for a refrigerant compressor, according to a third embodiment of the design; and,

FIG. 15 is a cross-sectional view of a control valve for a refrigerant compressor as taken from line XV—XV of FIG. 11 according to a third embodiment of the design.

**1 Claim, 6 Drawing Sheets**



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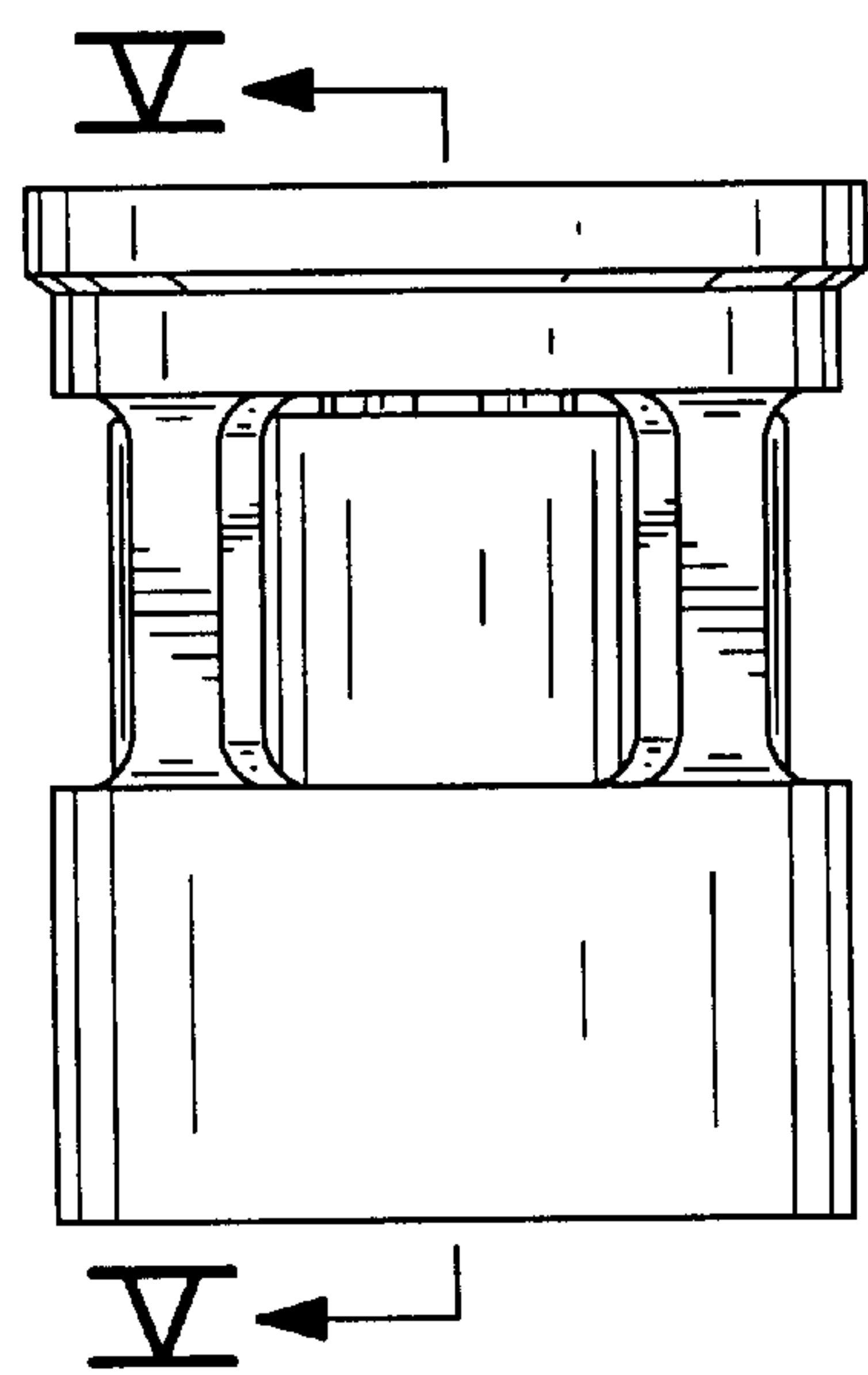


FIG. 1

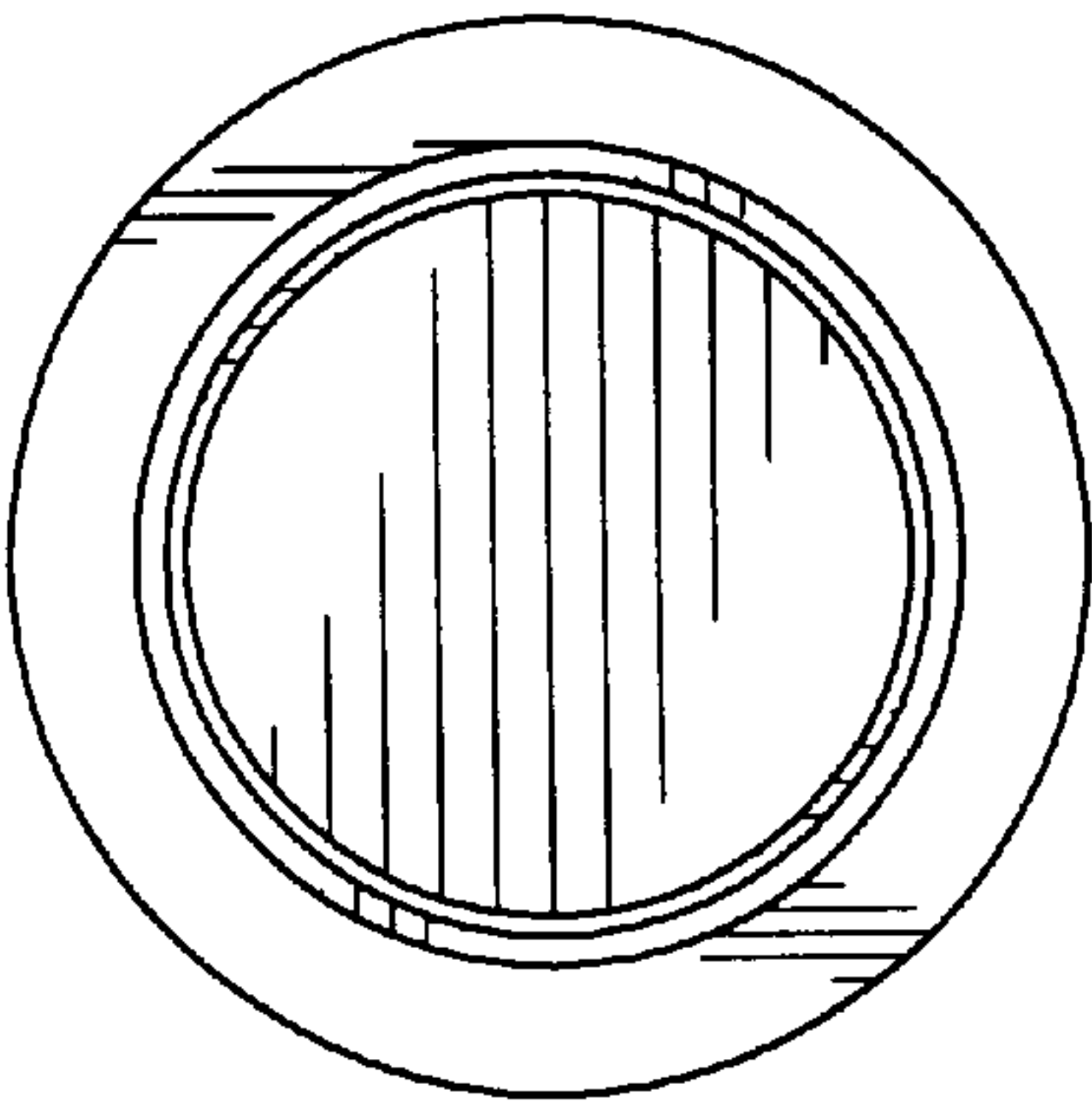


FIG. 3

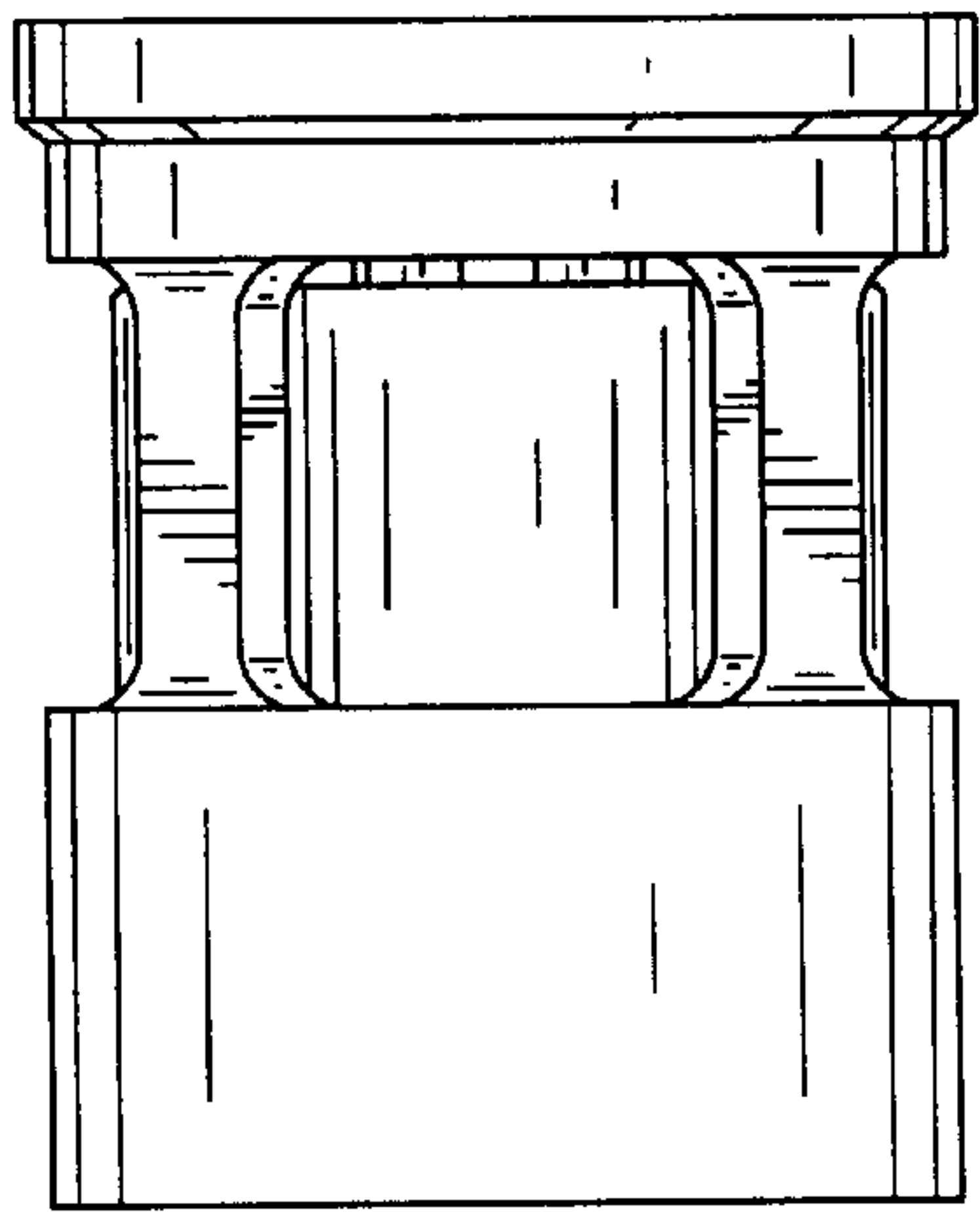


FIG. 2

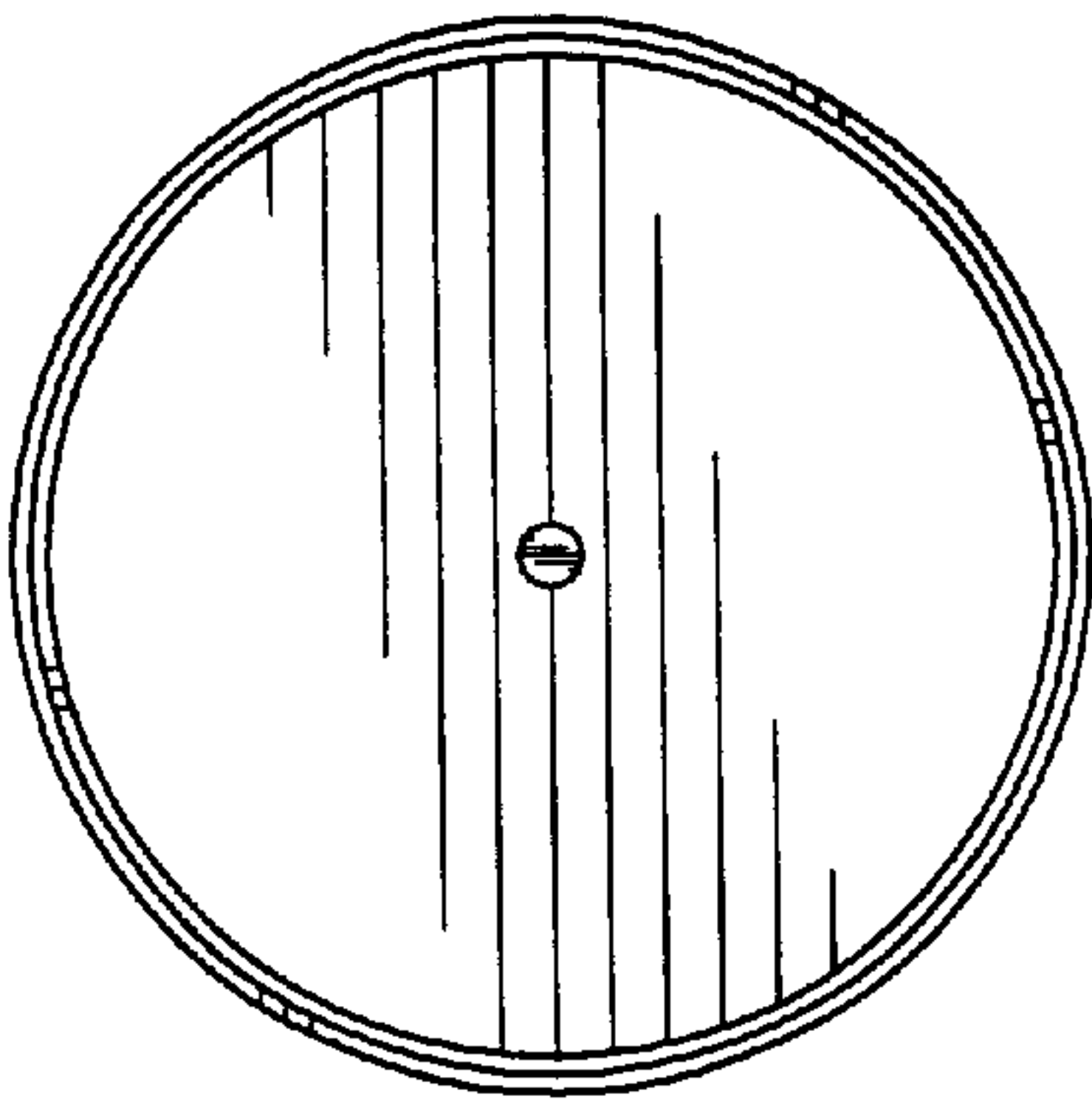


FIG. 4

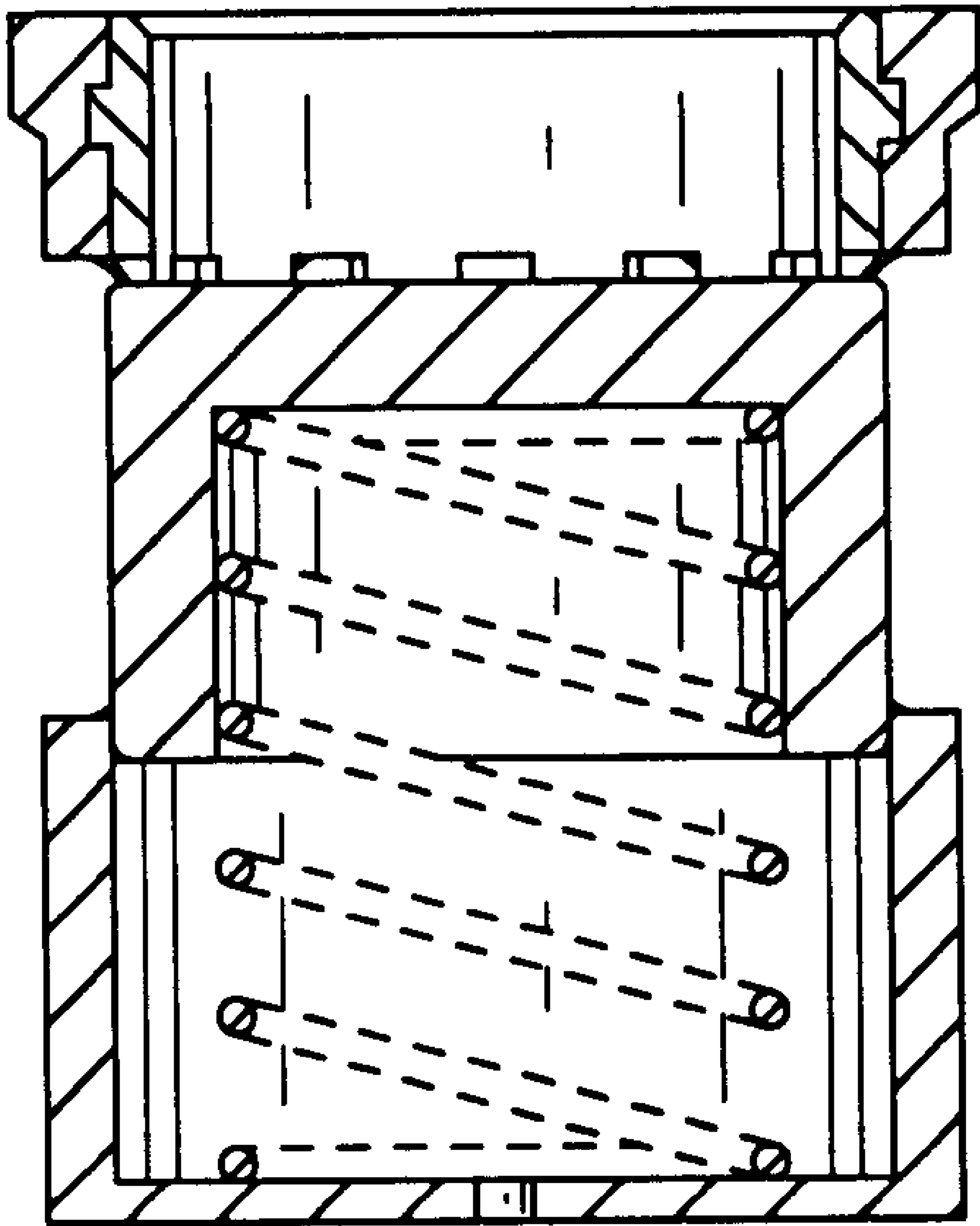


FIG. 5

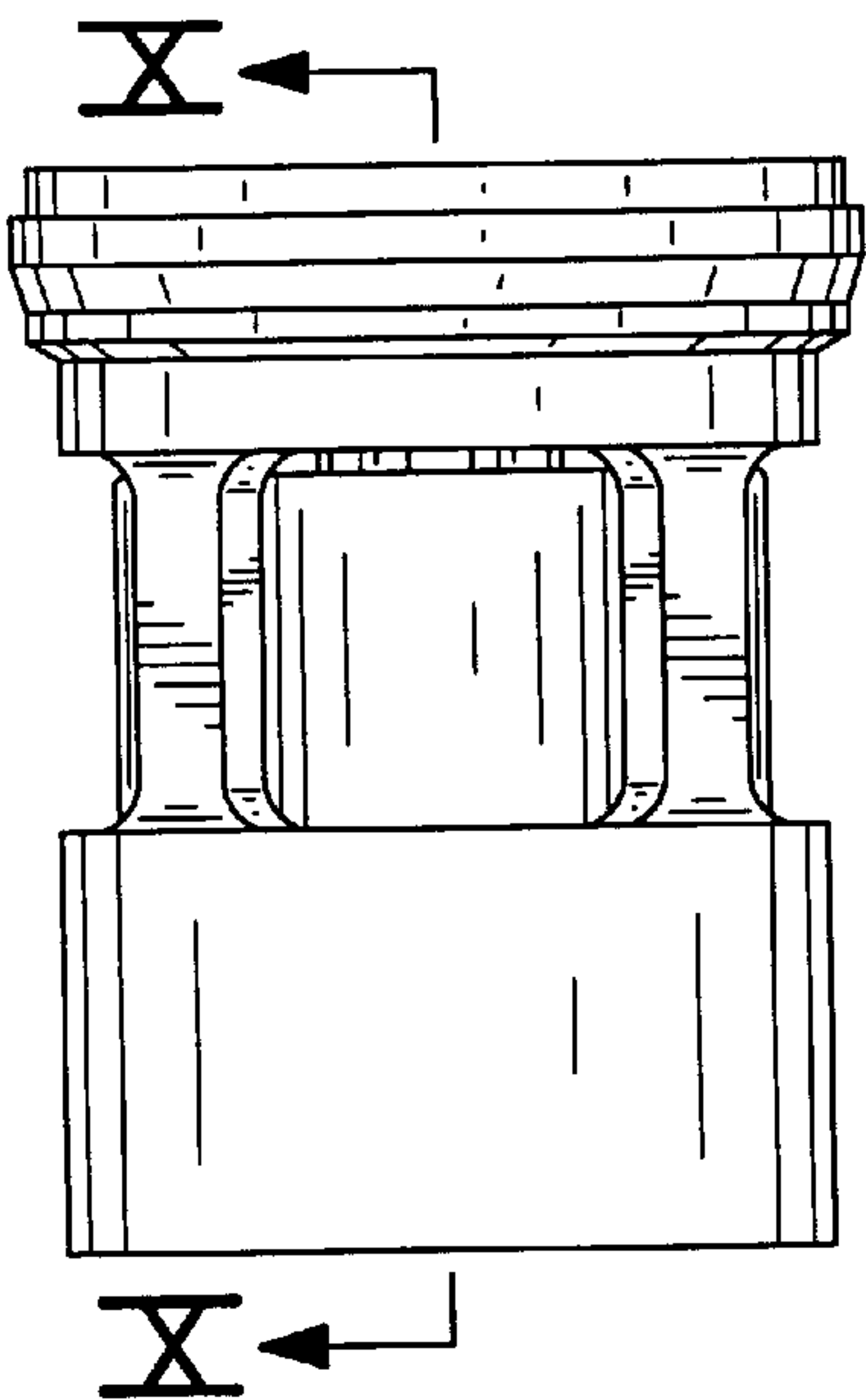


FIG. 6

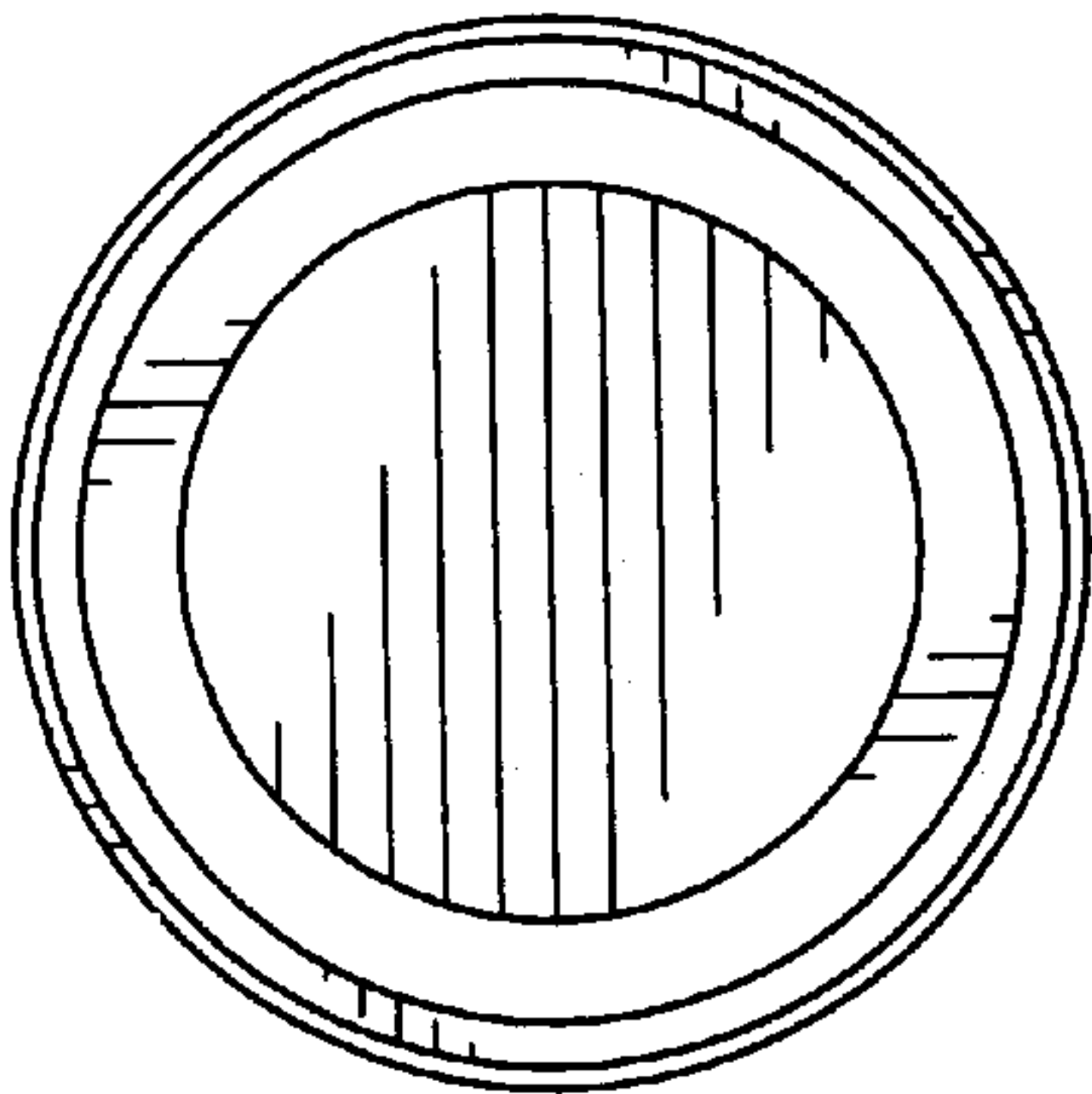


FIG. 8

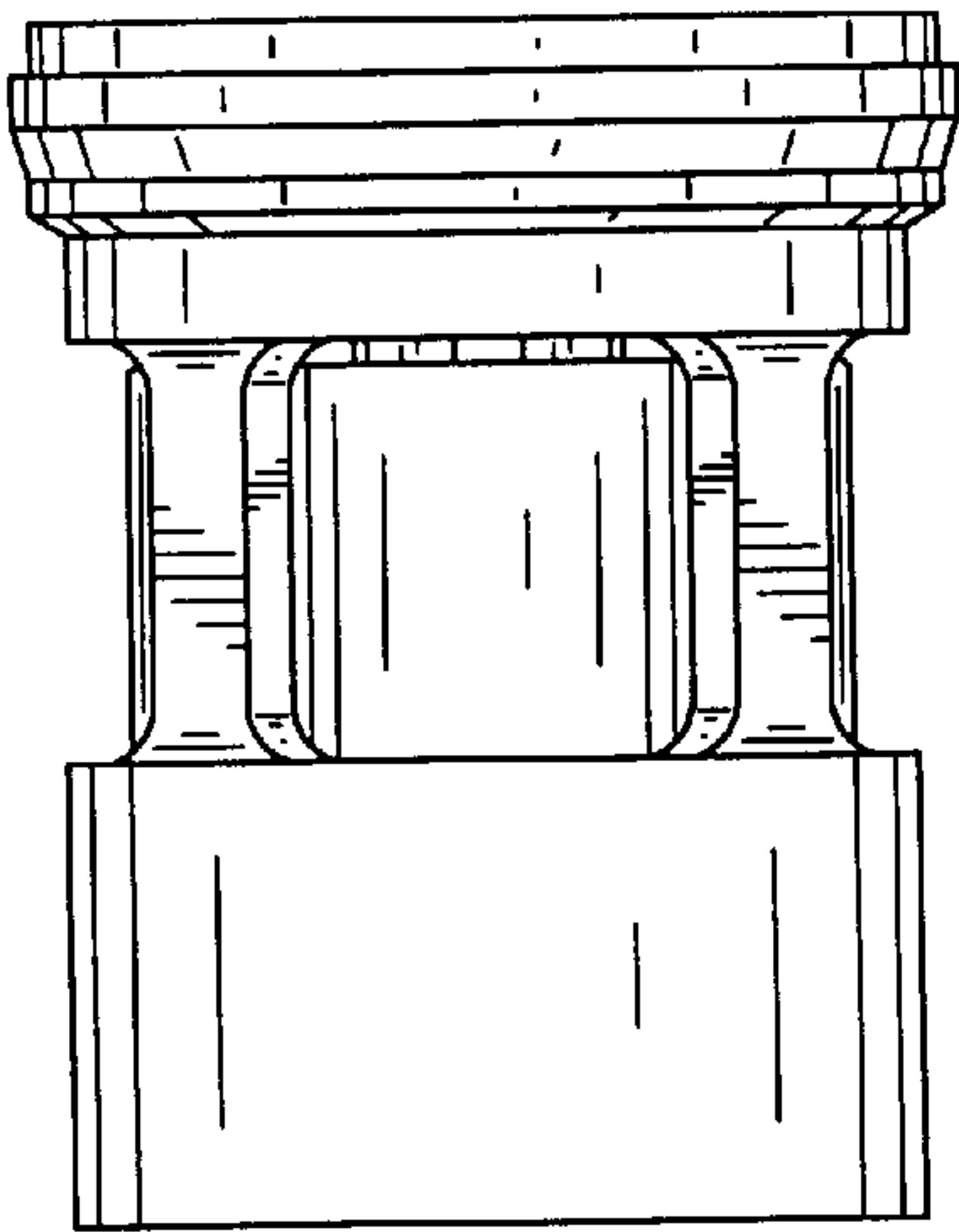


FIG. 7

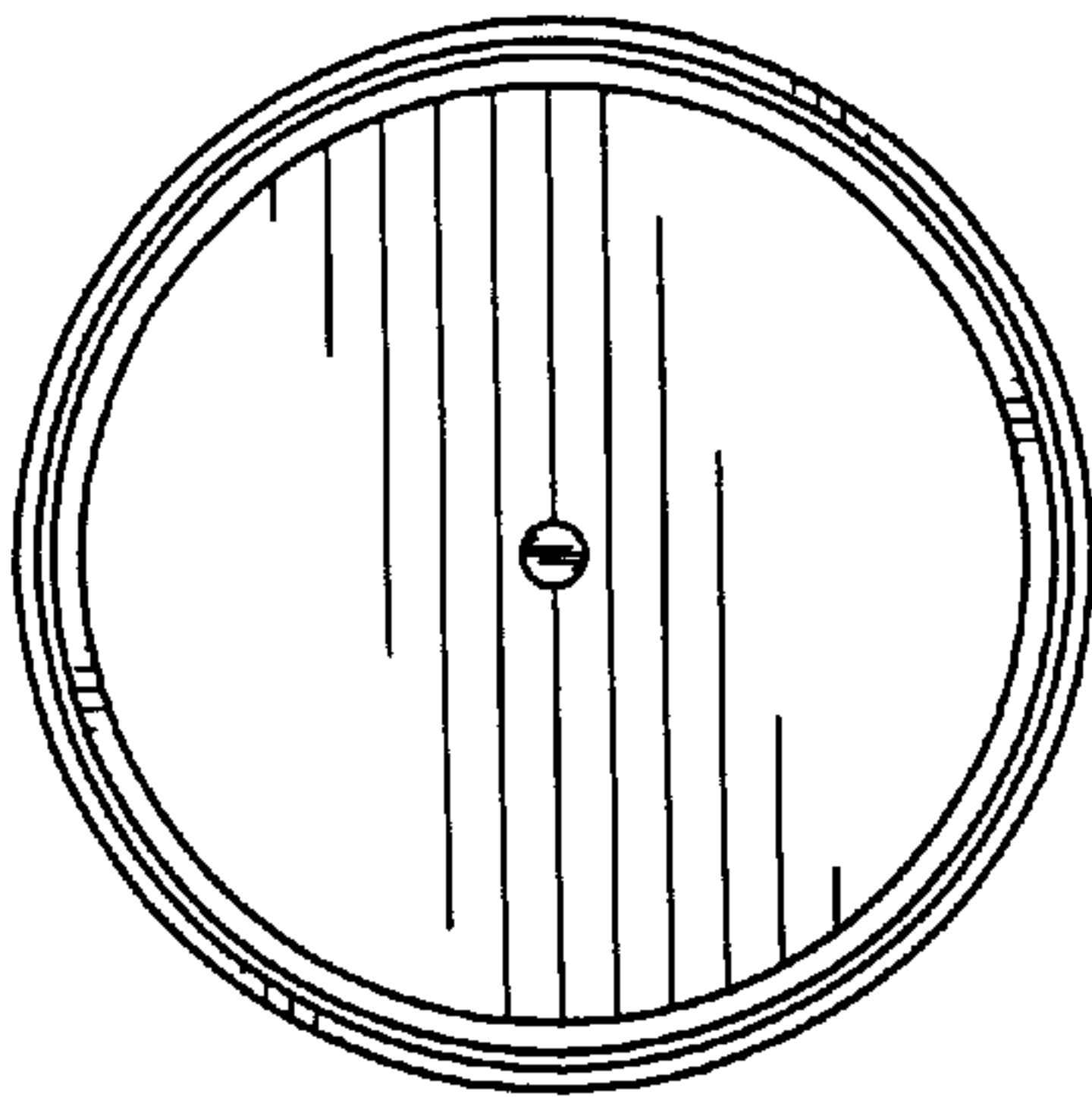


FIG. 9

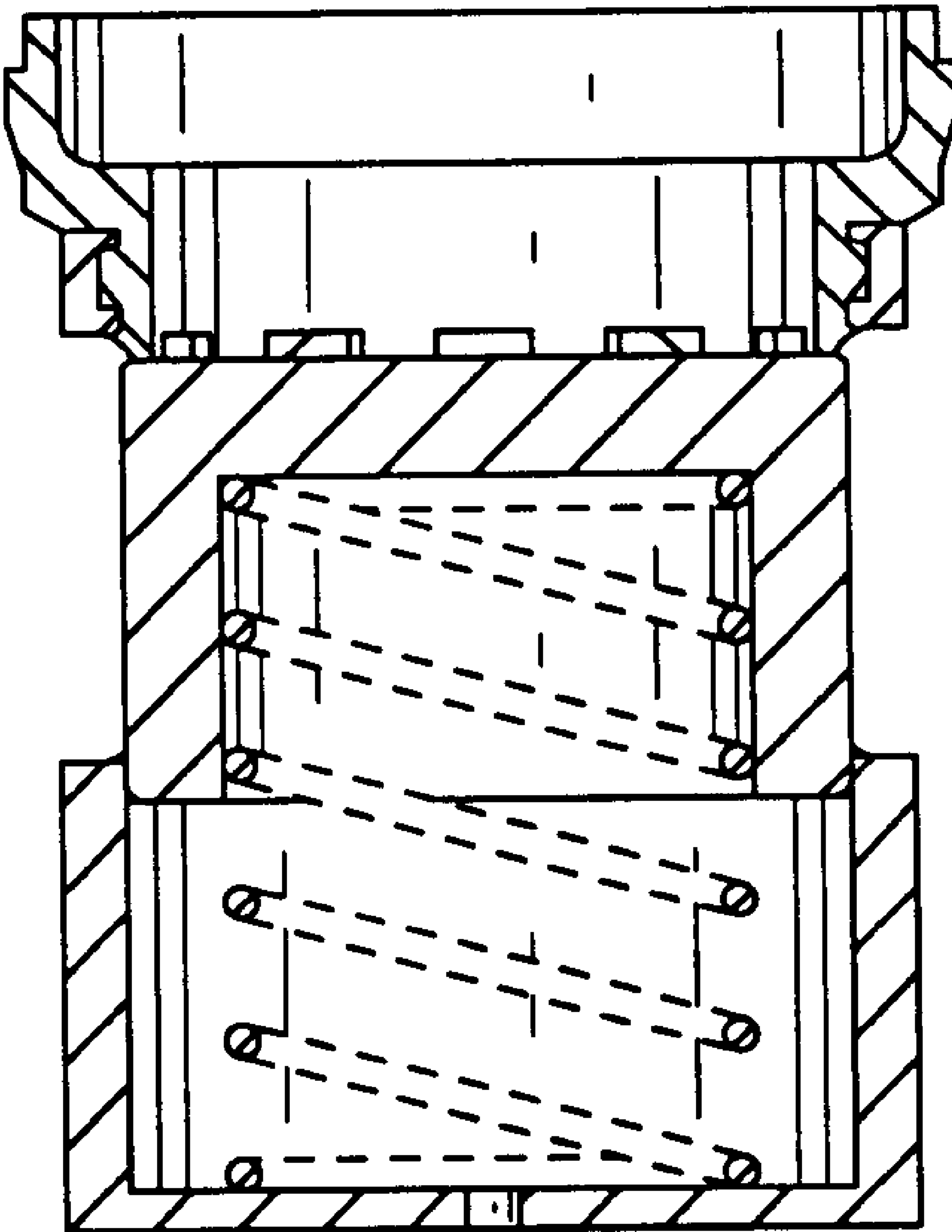


FIG. 10



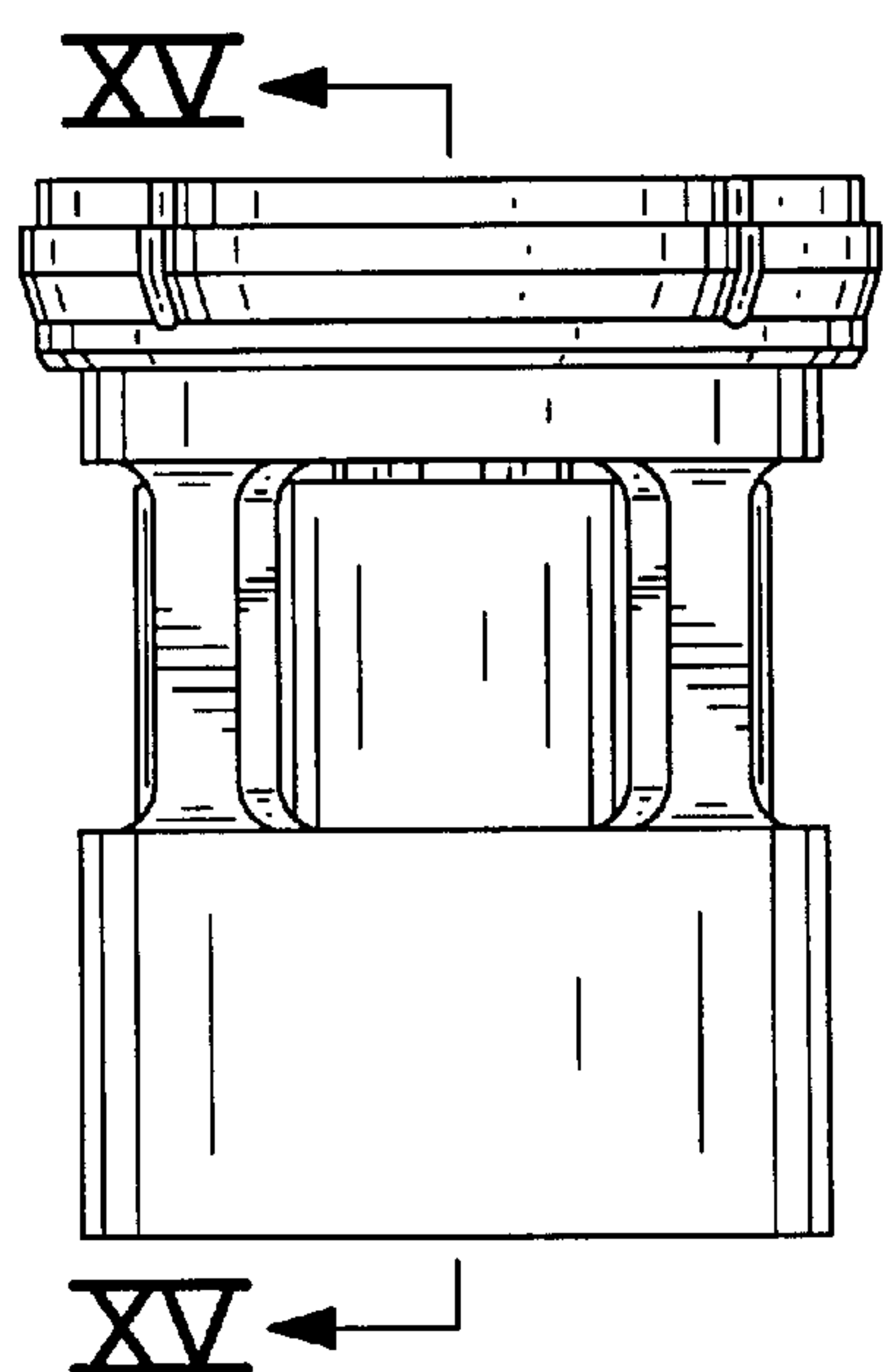


FIG. 11

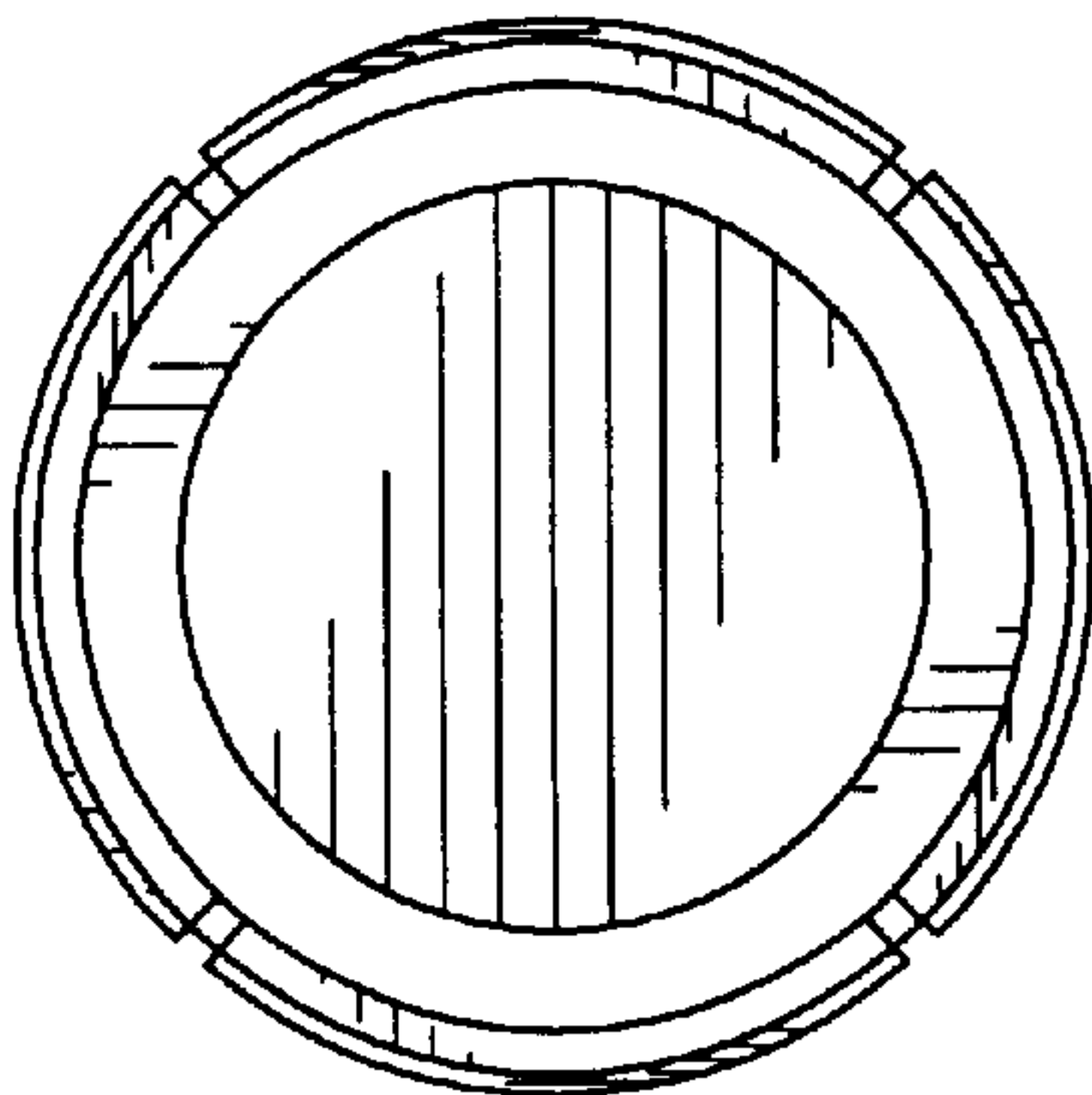


FIG. 13

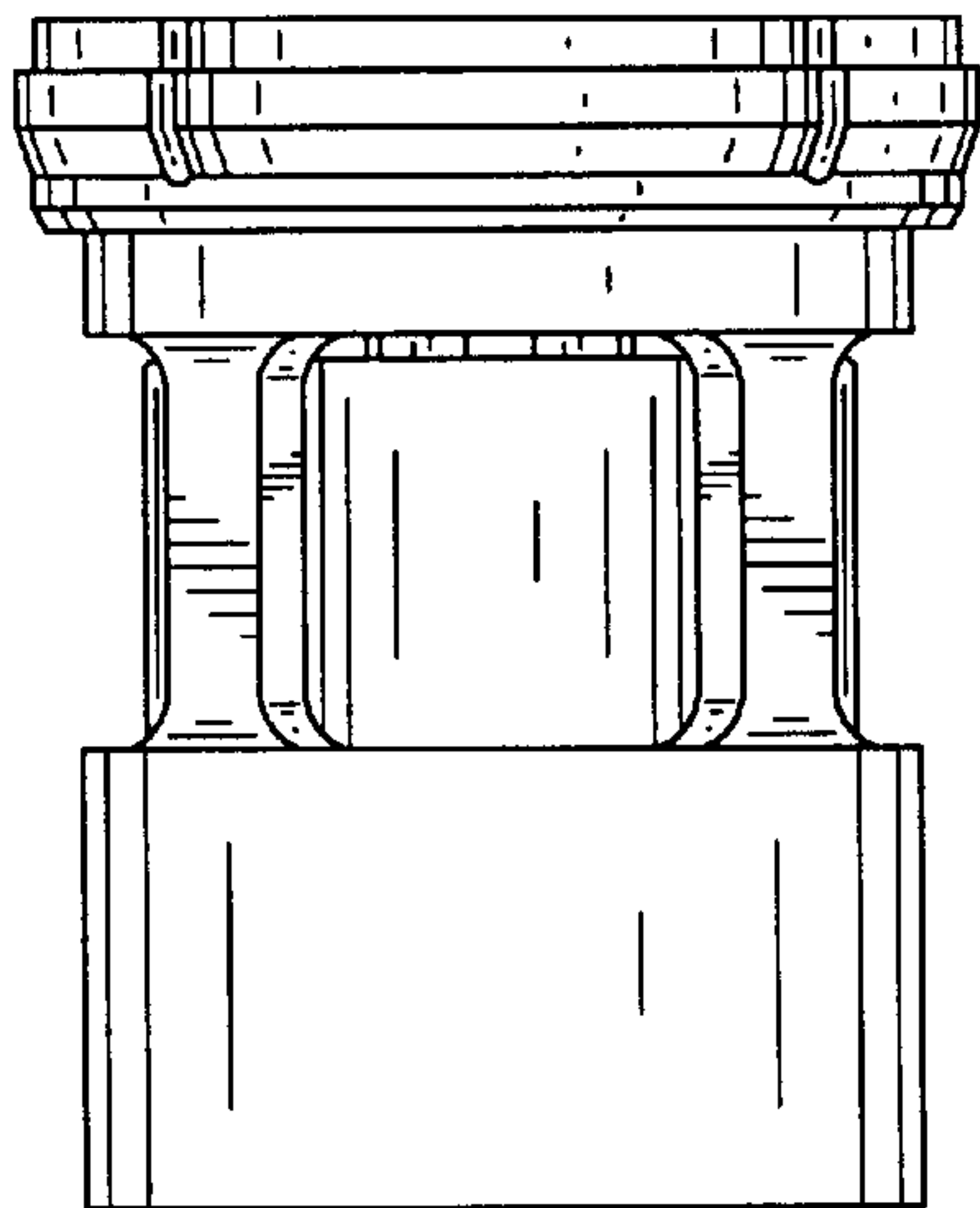


FIG. 12

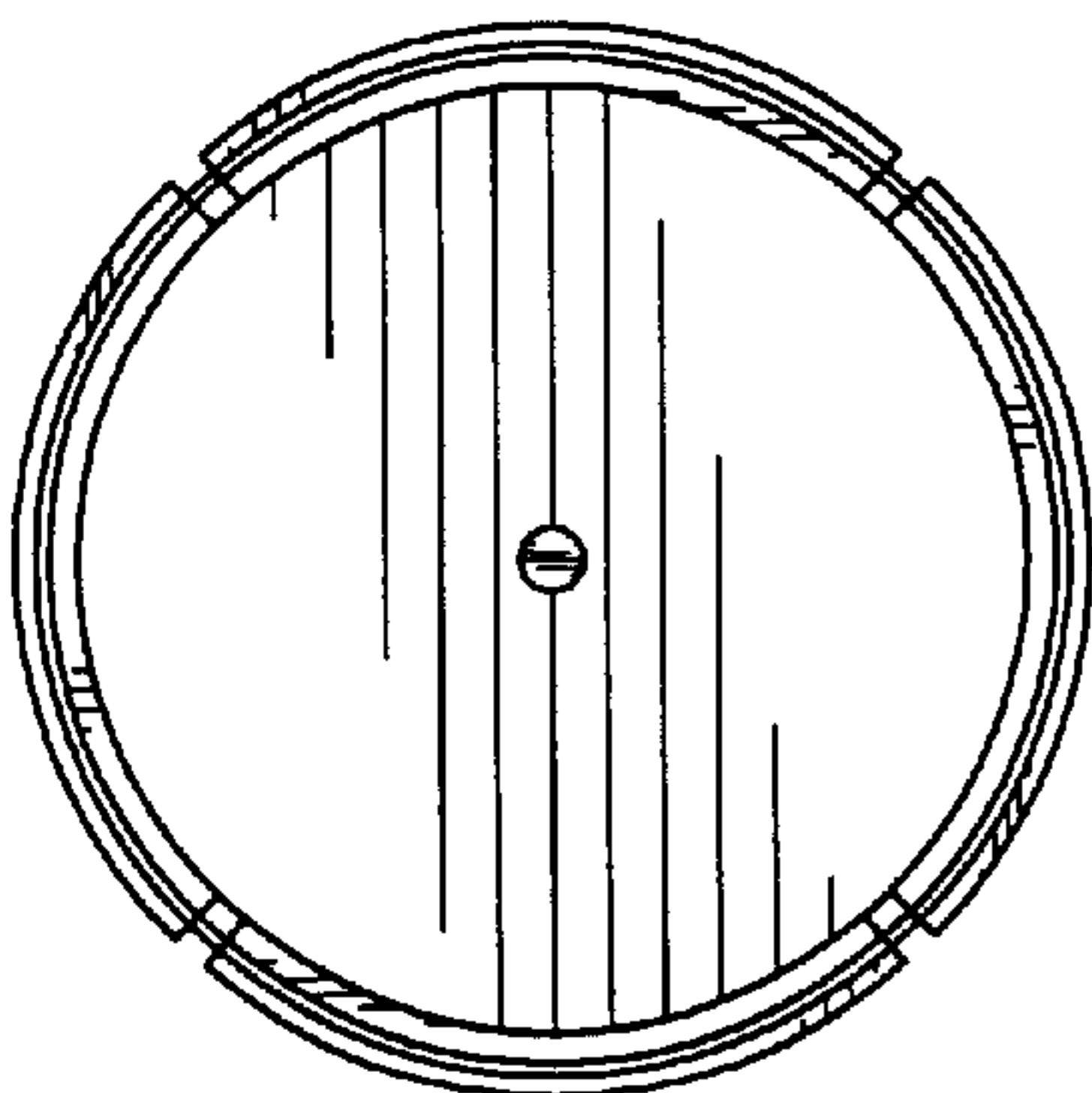


FIG. 14

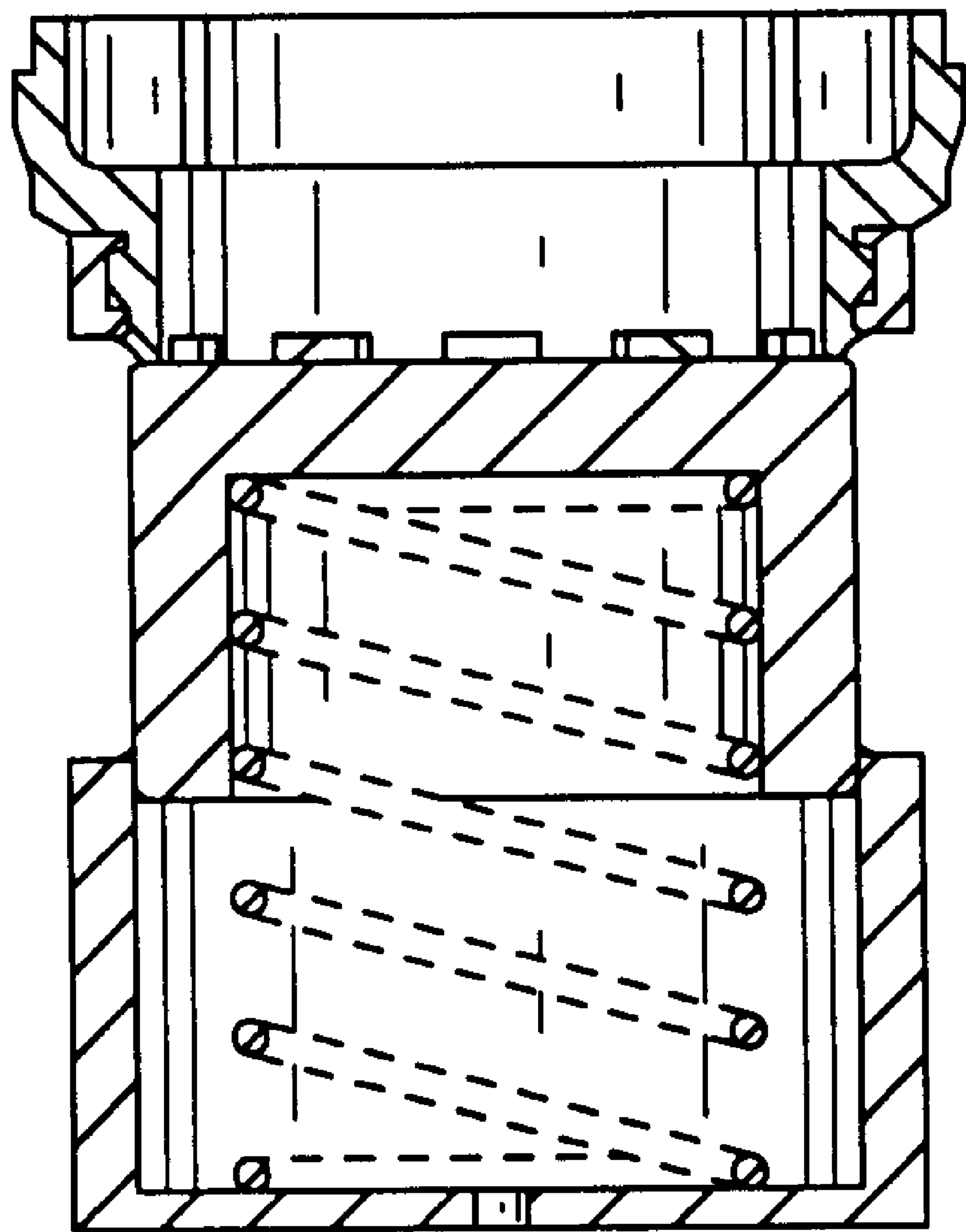


FIG. 15