



US00D430268S

United States Patent [19]
Hiramatsu et al.

[11] **Patent Number: Des. 430,268**

[45] **Date of Patent: ** Aug. 29, 2000**

[54] **SOLENOID-OPERATED PILOT VALVE**

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both of Ibaraki, Japan

[73] Assignee: **SMC Corporation,** Tokyo, Japan

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

[21] Appl. No.: **29/094,750**

[22] Filed: **Oct. 9, 1998**

[30] **Foreign Application Priority Data**

Apr. 13, 1998 [JP] Japan 10-10525

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

[52] **U.S. Cl.** **D23/233**

[58] **Field of Search** D23/421, 233,
D23/247, 248; 200/61.86; 431/254, 256,
258; 137/884

[56] **References Cited**

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The design of the present application was displayed at IFPEX '97 Exhibition—Oct. 21–24, 1997.

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Attorney, Agent, or Firm—Oblon, Spivak, McClelland, Maier, & Neustadt, P.C.

[57] **CLAIM**

The ornamental design for solenoid-operated pilot valve, as shown and described.

DESCRIPTION

FIG. 1 is a top, front and left side perspective view of solenoid-operated pilot valve embodying our new design;

FIG. 2 is a bottom, rear and left side perspective view thereof;

FIG. 3 is a front elevational view thereof with an electric current wire shown partially broken away;

FIG. 4 is a rear elevational view thereof with the electric current wire shown partially broken away;

FIG. 5 is a top plan view thereof;

FIG. 6 is a bottom plan view thereof;

FIG. 7 is a left side view thereof;

FIG. 8 is a right side view thereof;

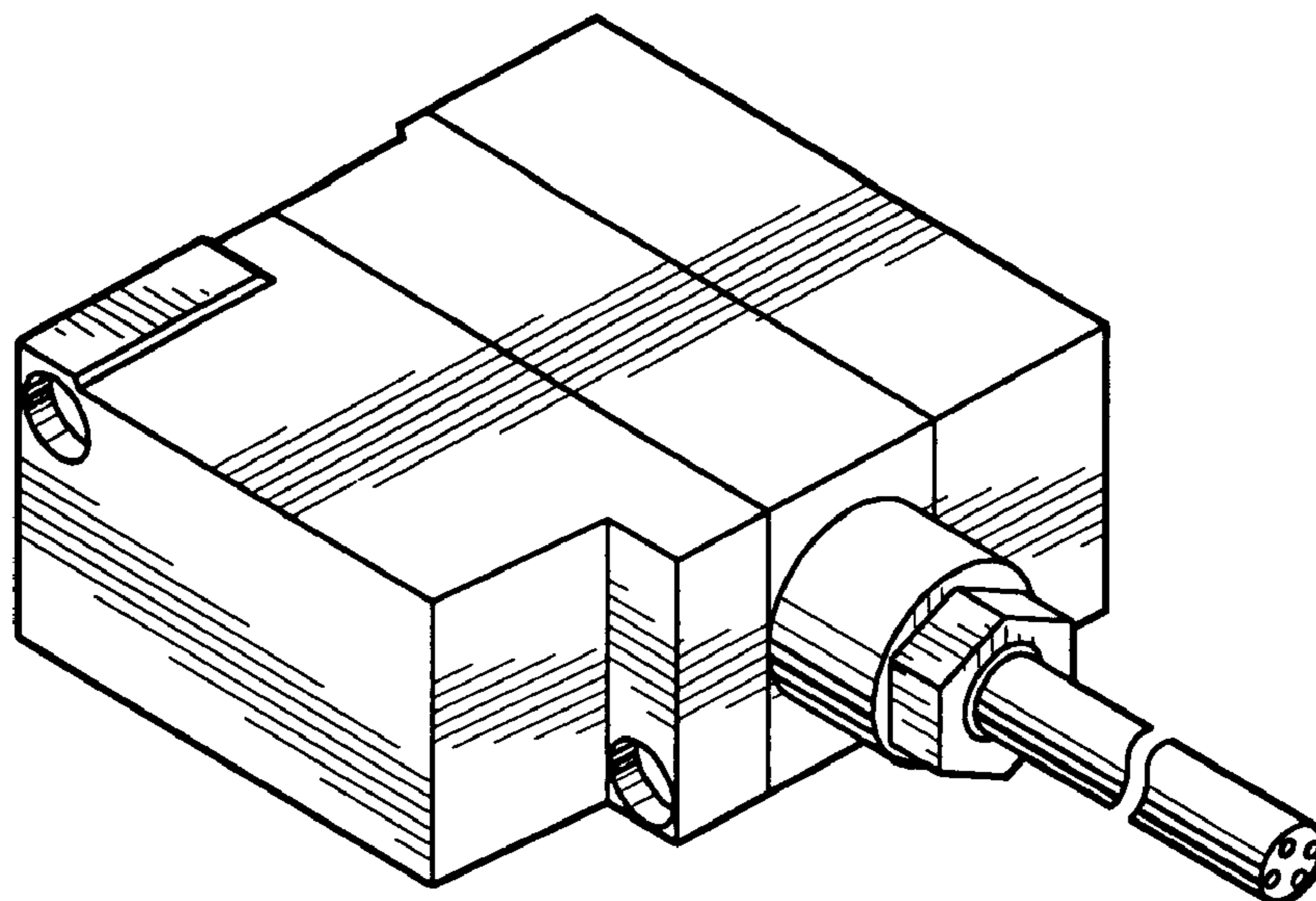
FIG. 9 is a top, front and left side perspective view thereof shown with a transfer valve and a main valve;

FIG. 10 is a top, front and left side perspective view thereof shown with a transfer valve, a main valve and a first pair of ports; and,

FIG. 11 is a top, front and left side perspective view thereof shown with a transfer valve, a main valve and a second pair of ports.

The transfer valve, main valve, first pair of ports and second pair of ports shown in the figures are shown for illustrative purposes only and form no part of the claimed design.

1 Claim, 4 Drawing Sheets



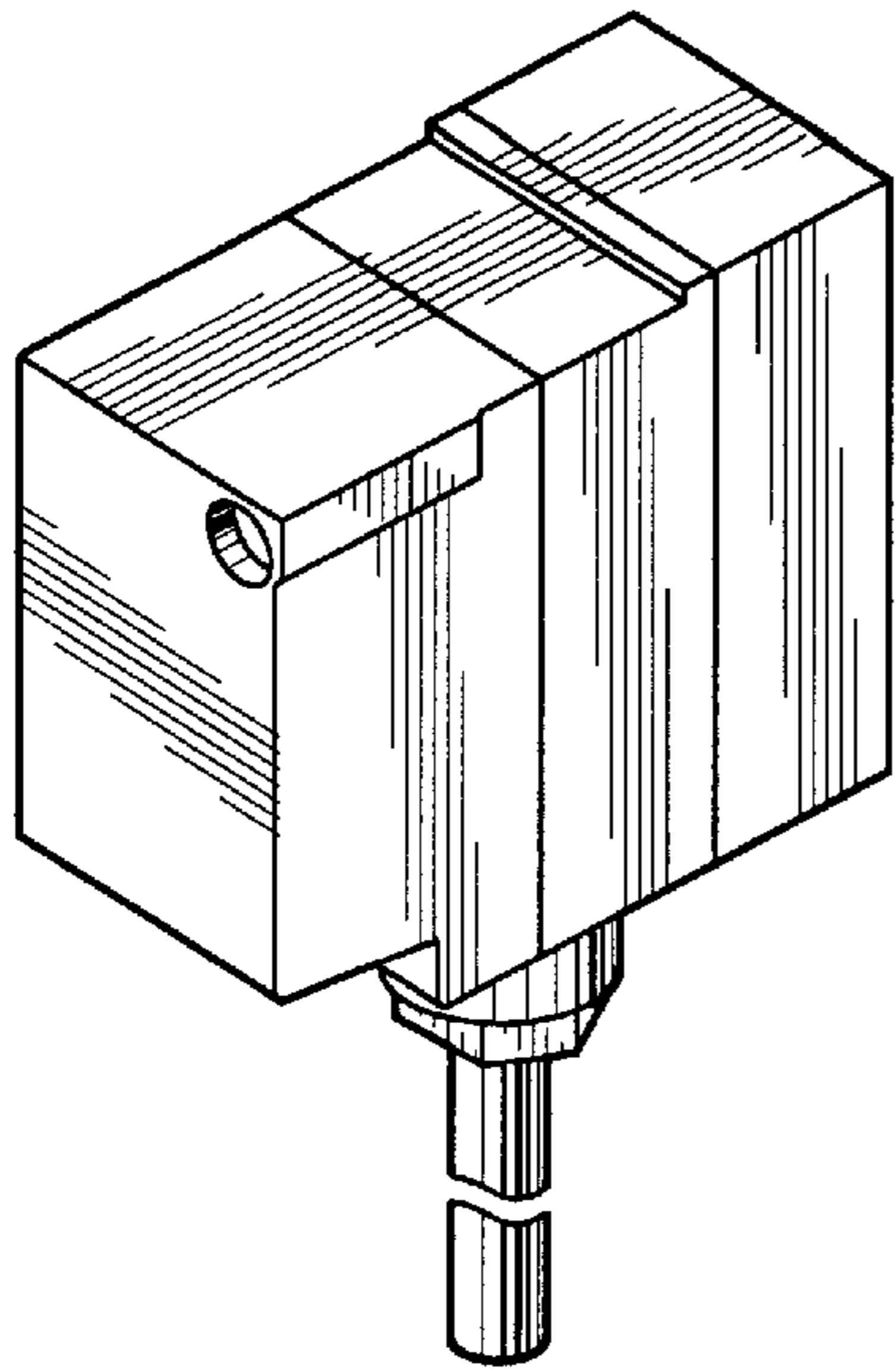


FIG. 1

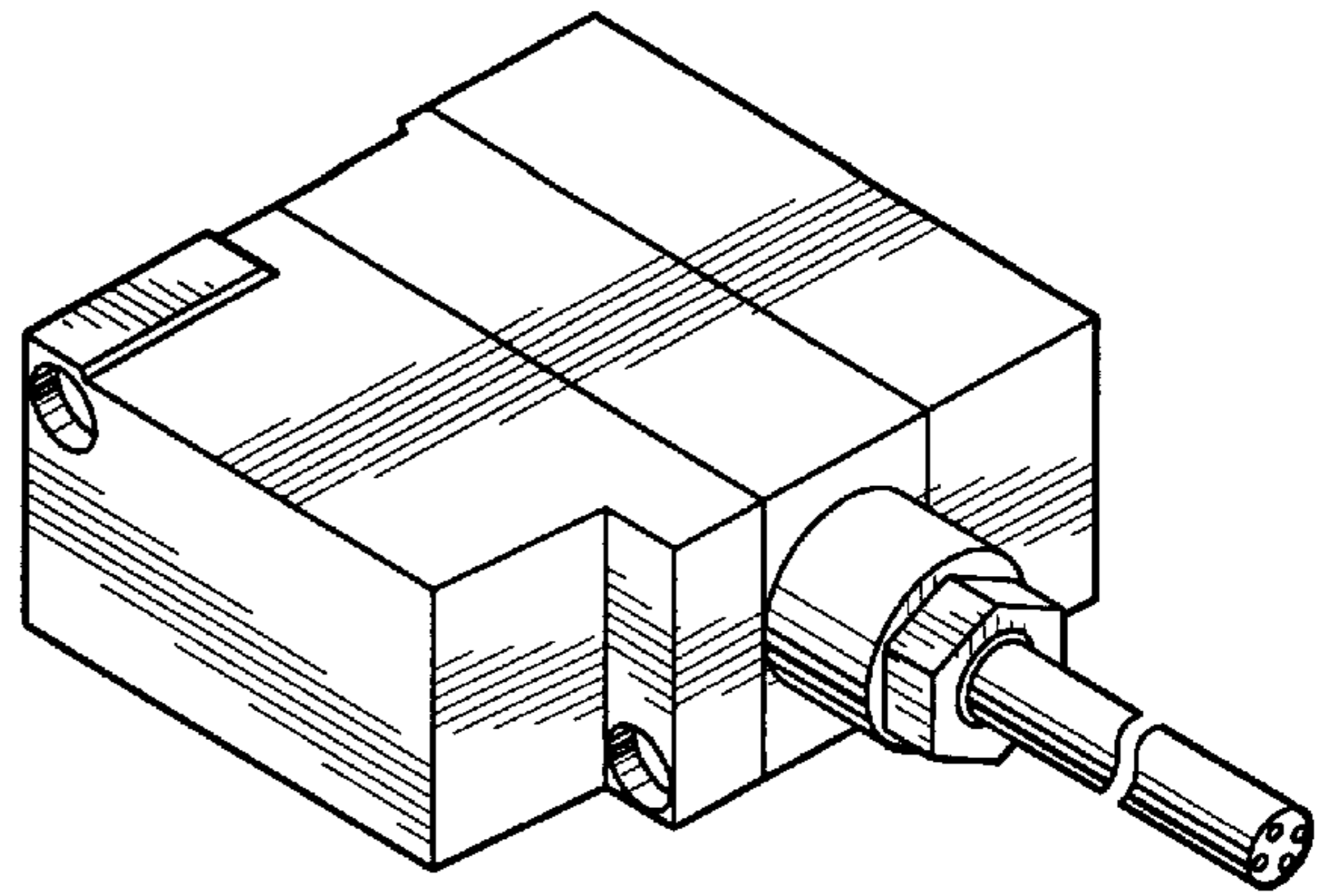


FIG. 2

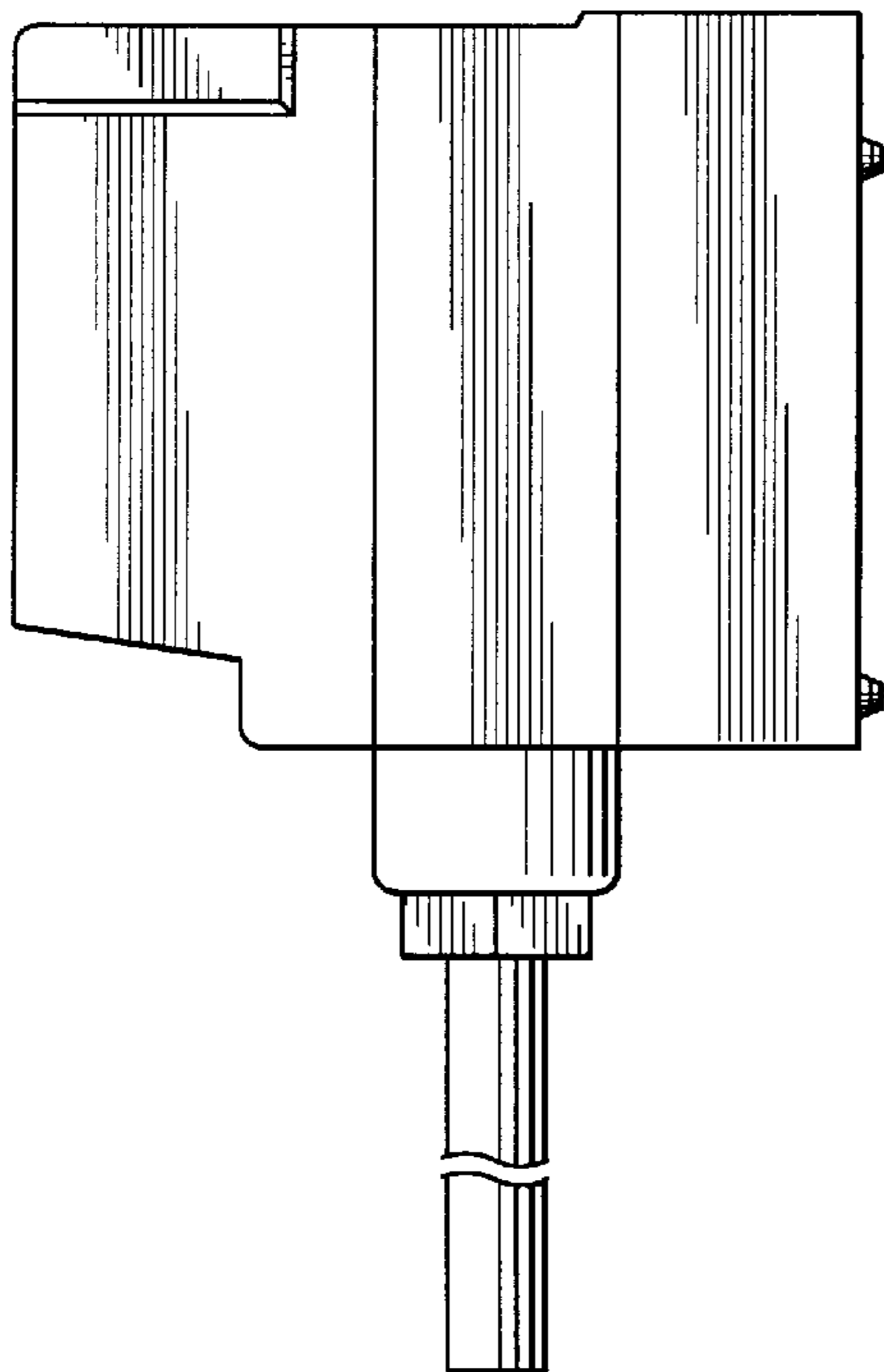


FIG. 3

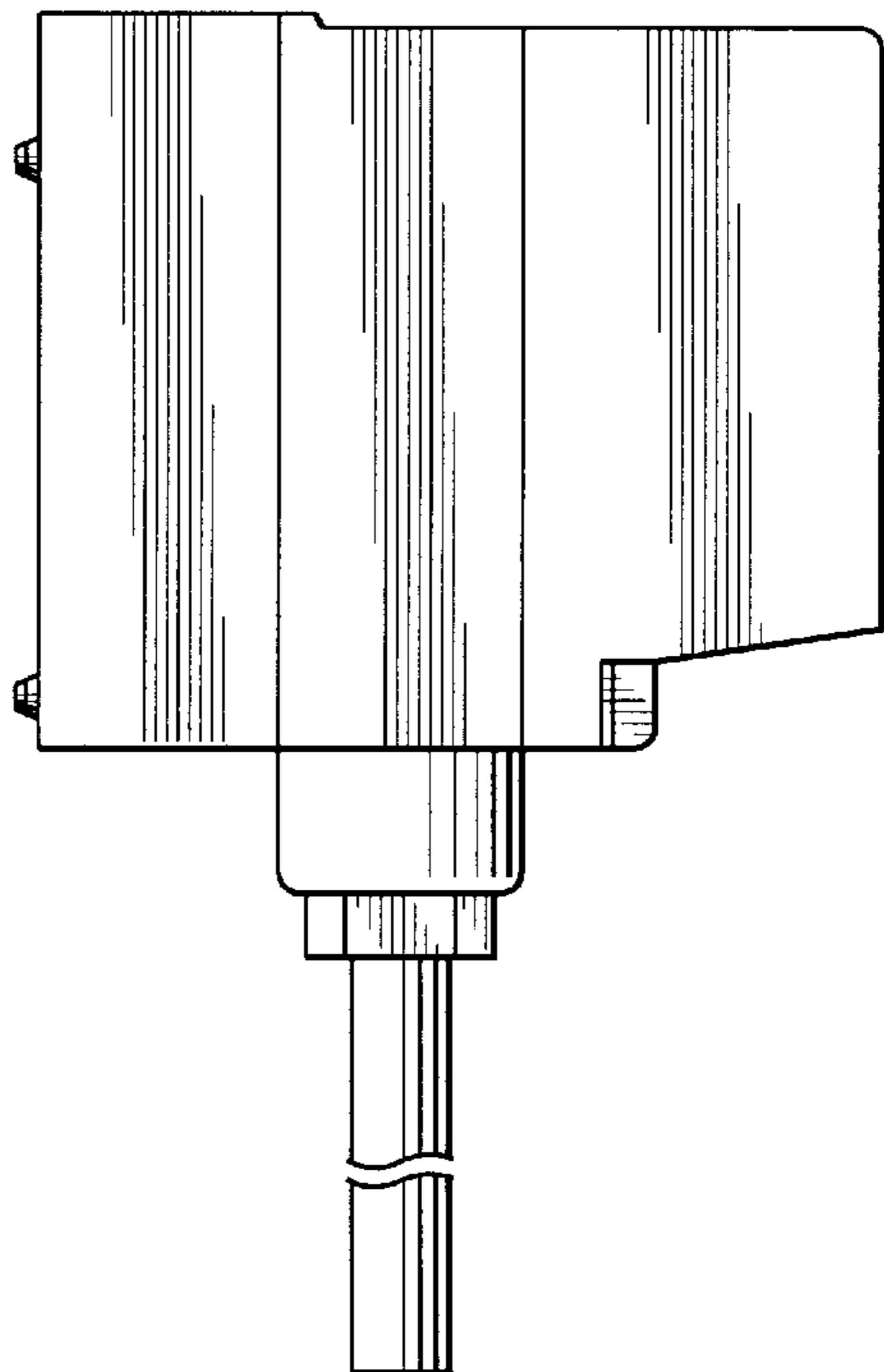


FIG. 4

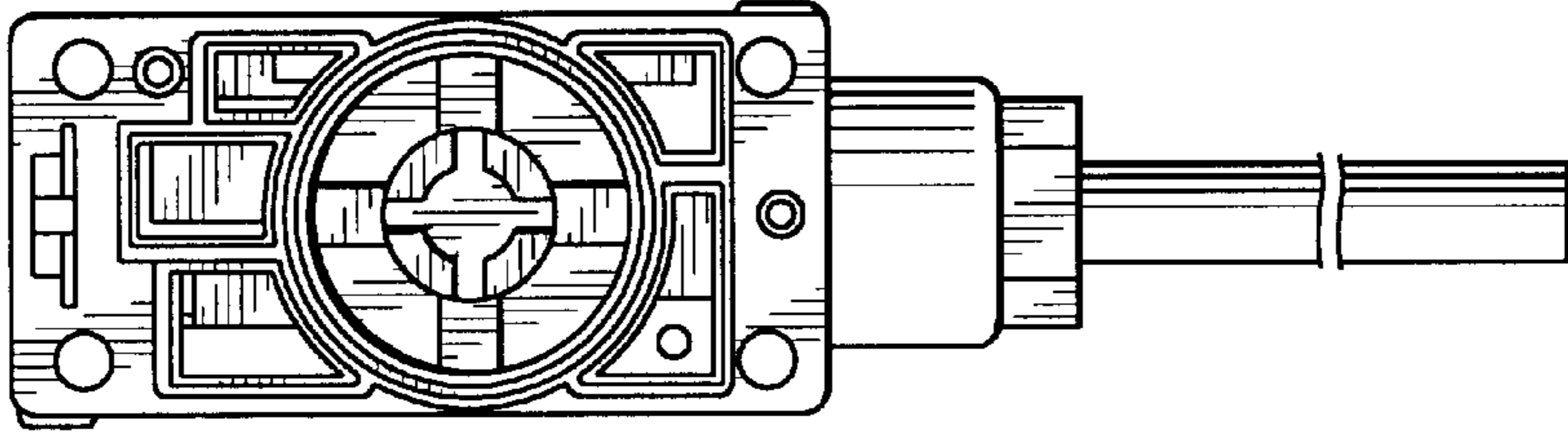


FIG. 8

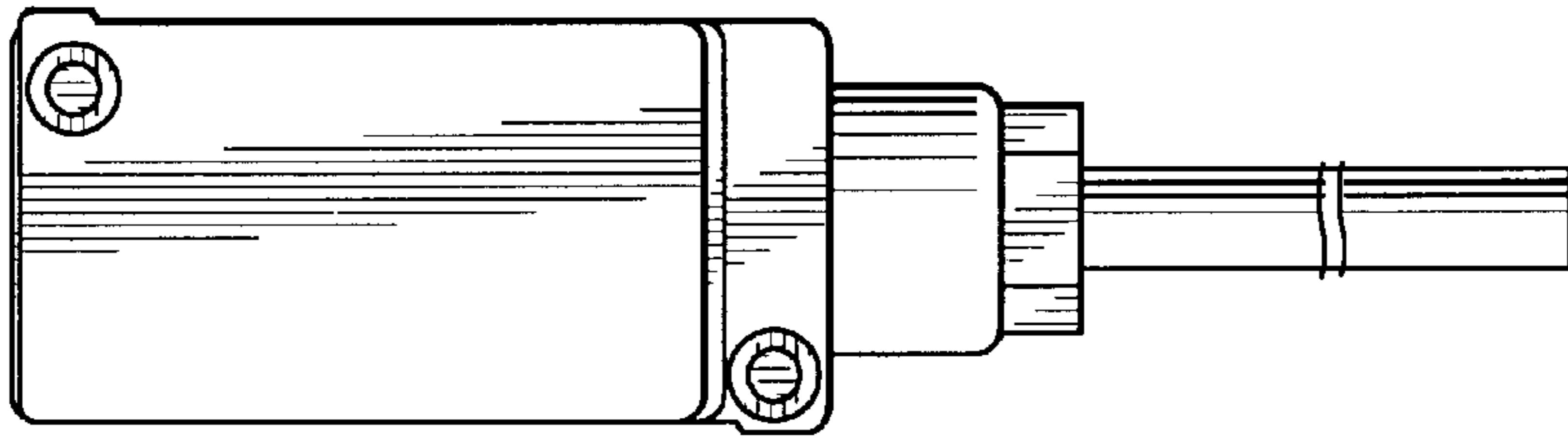


FIG. 7

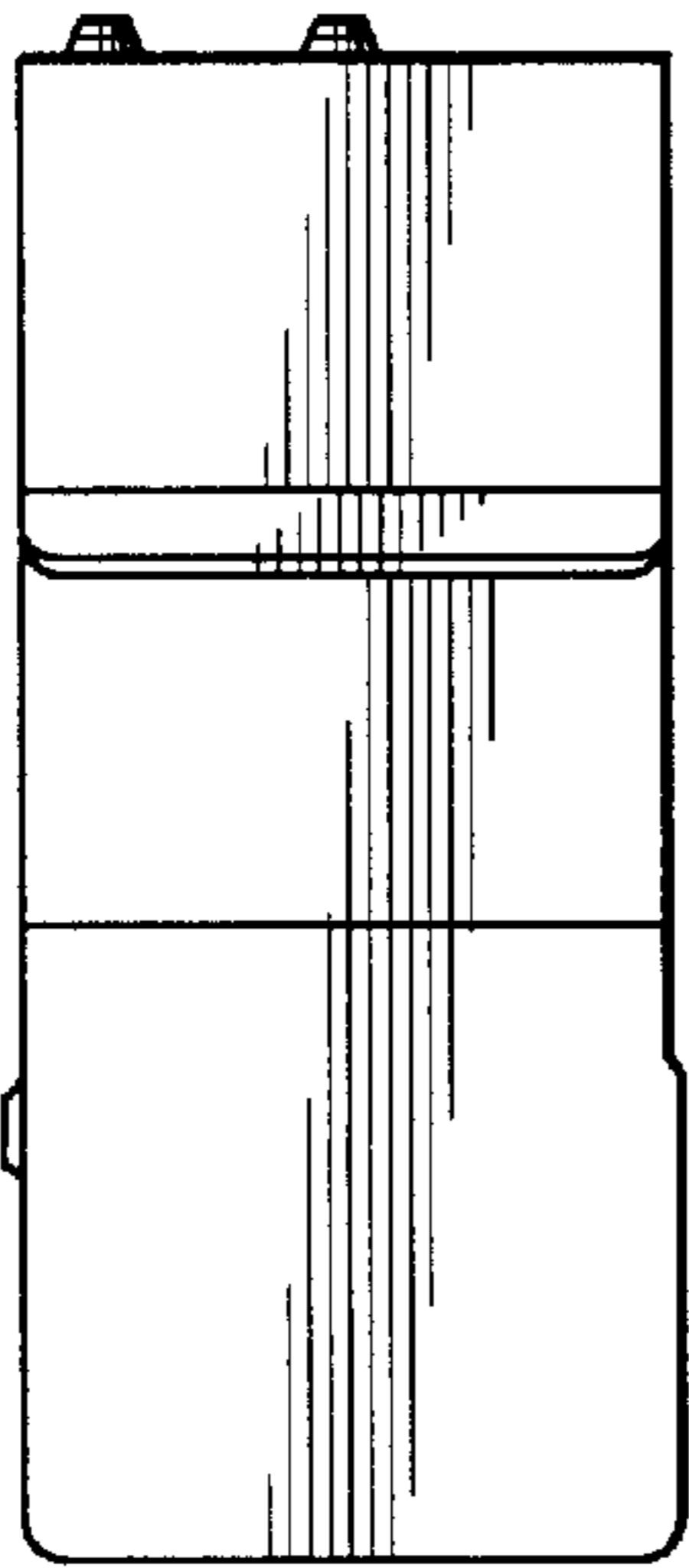


FIG. 5

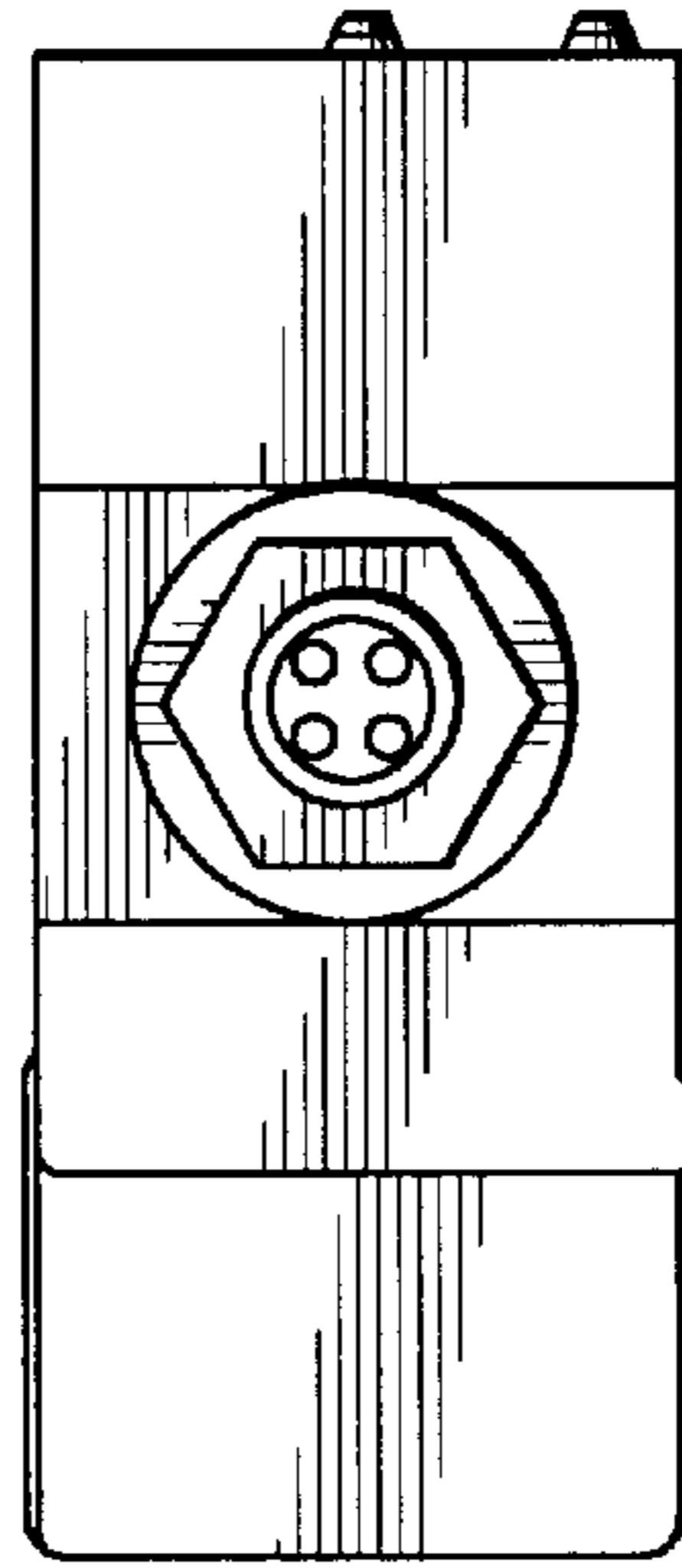


FIG. 6

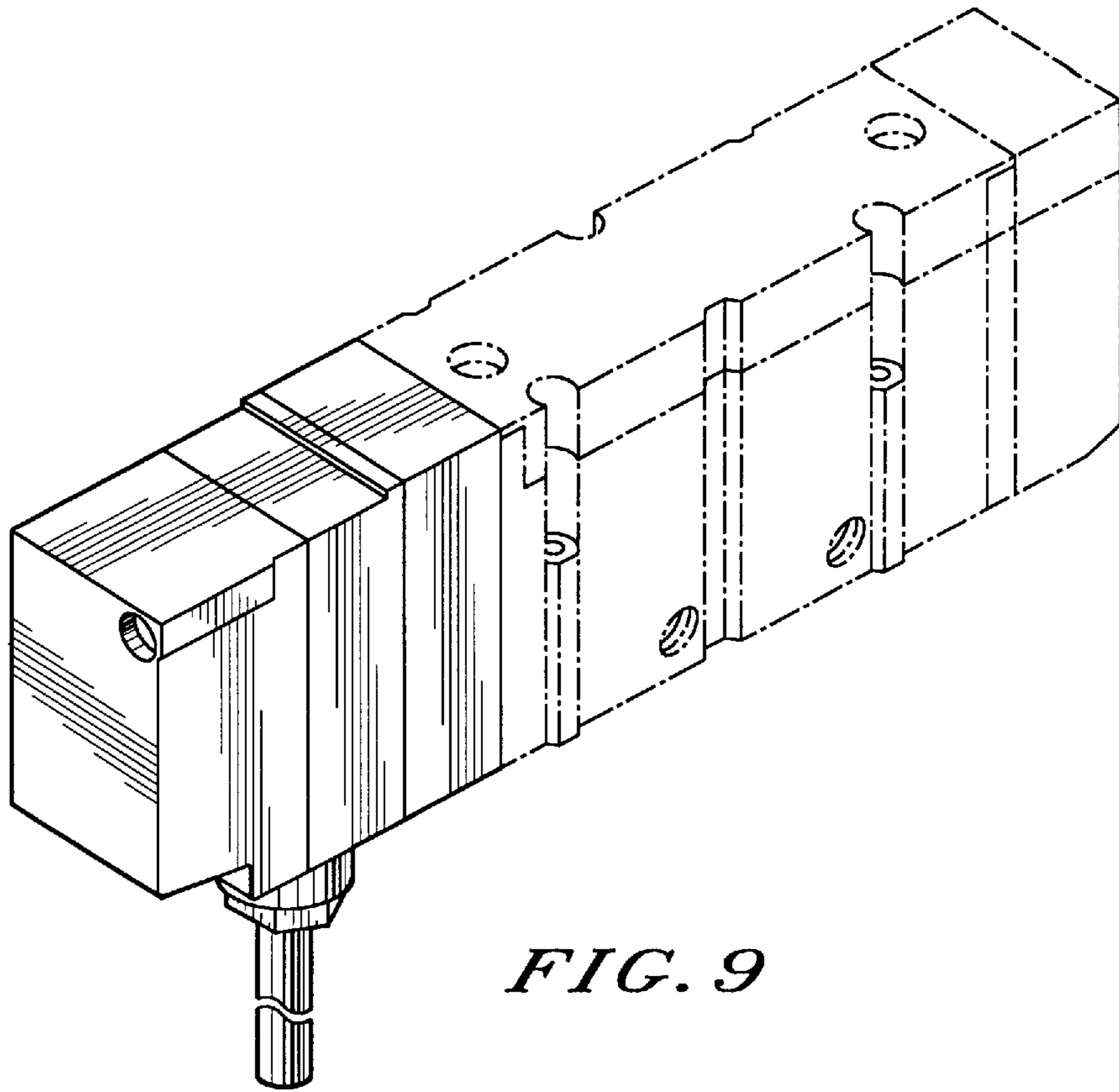


FIG. 9

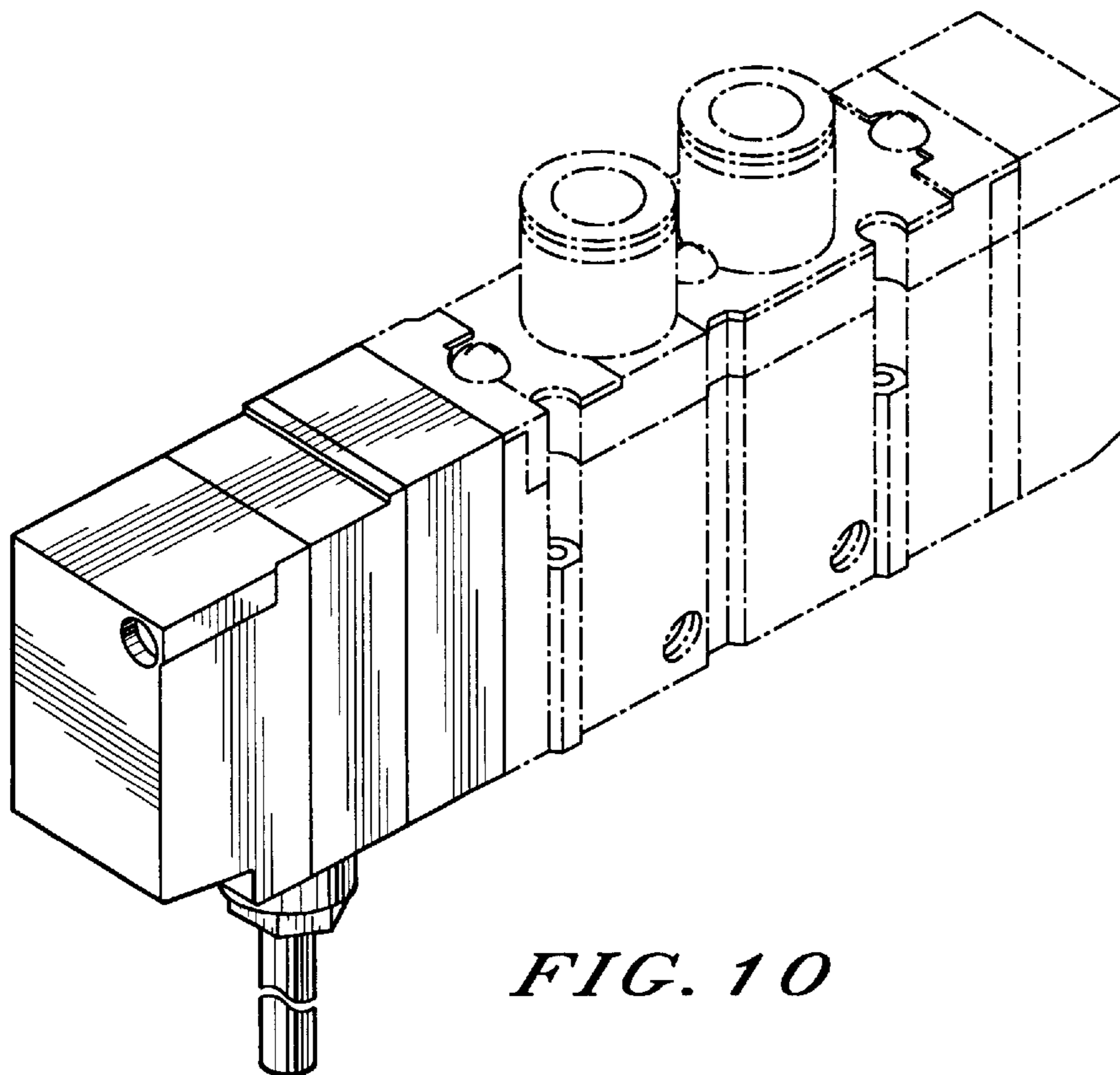


FIG. 10

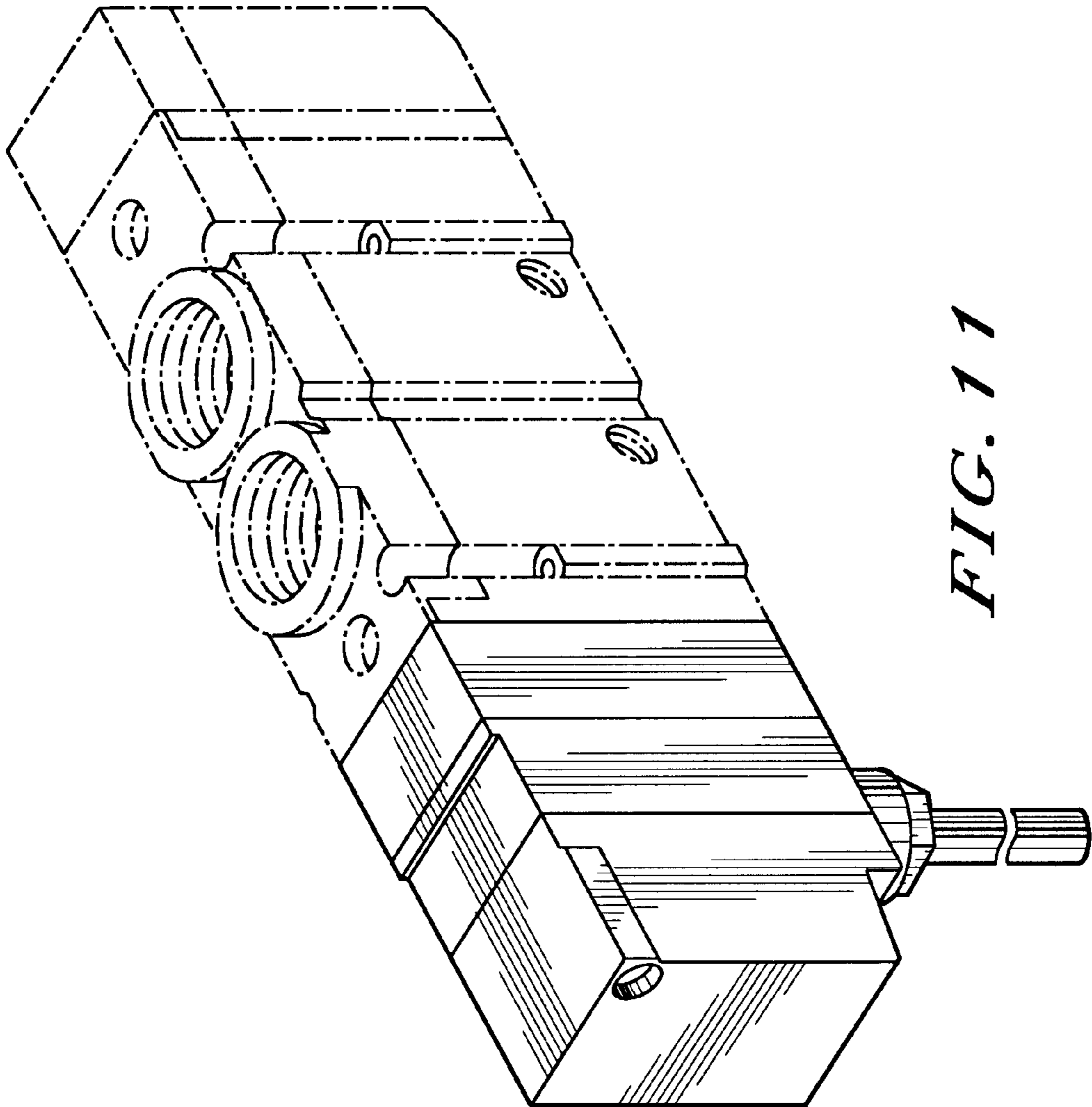


FIG. 11