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

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(54) **ELECTROMAGNETIC VALVE**

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(JP)

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

(21) Appl. No.: **29/273,075**

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(51) **LOC (8) Cl.** ..... **23-01**

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

(58) **Field of Classification Search** ..... D23/233-249;  
D15/7, 199; 137/554, 557, 560, 882, 884,  
137/343, 625.64, 269, 271; 251/331, 219,  
251/15, 130, 129.04; 4/305

See application file for complete search history.

(56) **References Cited**

**U.S. PATENT DOCUMENTS**

D338,258 S \* 8/1993 Tamaki ..... D23/248  
D409,279 S \* 5/1999 Hayashi et al. .... D23/233  
D416,309 S \* 11/1999 Hayashi et al. .... D23/233  
6,408,883 B2 \* 6/2002 Motoki et al. .... 137/625.64

D524,910 S \* 7/2006 Matsumoto et al. .... D23/233  
D533,255 S \* 12/2006 Miyazoe et al. .... D23/233  
D544,577 S \* 6/2007 Matsumoto et al. .... D23/233  
D544,578 S \* 6/2007 Matsumoto et al. .... D23/233  
D546,420 S \* 7/2007 Matsumoto et al. .... D23/233  
7,246,863 B2 \* 7/2007 Otsuka ..... 303/119.3  
7,273,206 B2 \* 9/2007 Sato et al. .... 251/129.15

\* cited by examiner

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(57) **CLAIM**

The ornamental design for an electromagnetic valve, as shown and described.

**DESCRIPTION**

FIG. 1 shows a front view of an electromagnetic valve showing my new design;

FIG. 2 shows a rear view thereof;

FIG. 3 shows a top view thereof;

FIG. 4 shows a bottom view thereof;

FIG. 5 shows a left side view thereof;

FIG. 6 shows a right side view thereof;

FIG. 7 shows a perspective view thereof; and,

FIG. 8 shows a perspective view thereof.

**1 Claim, 4 Drawing Sheets**

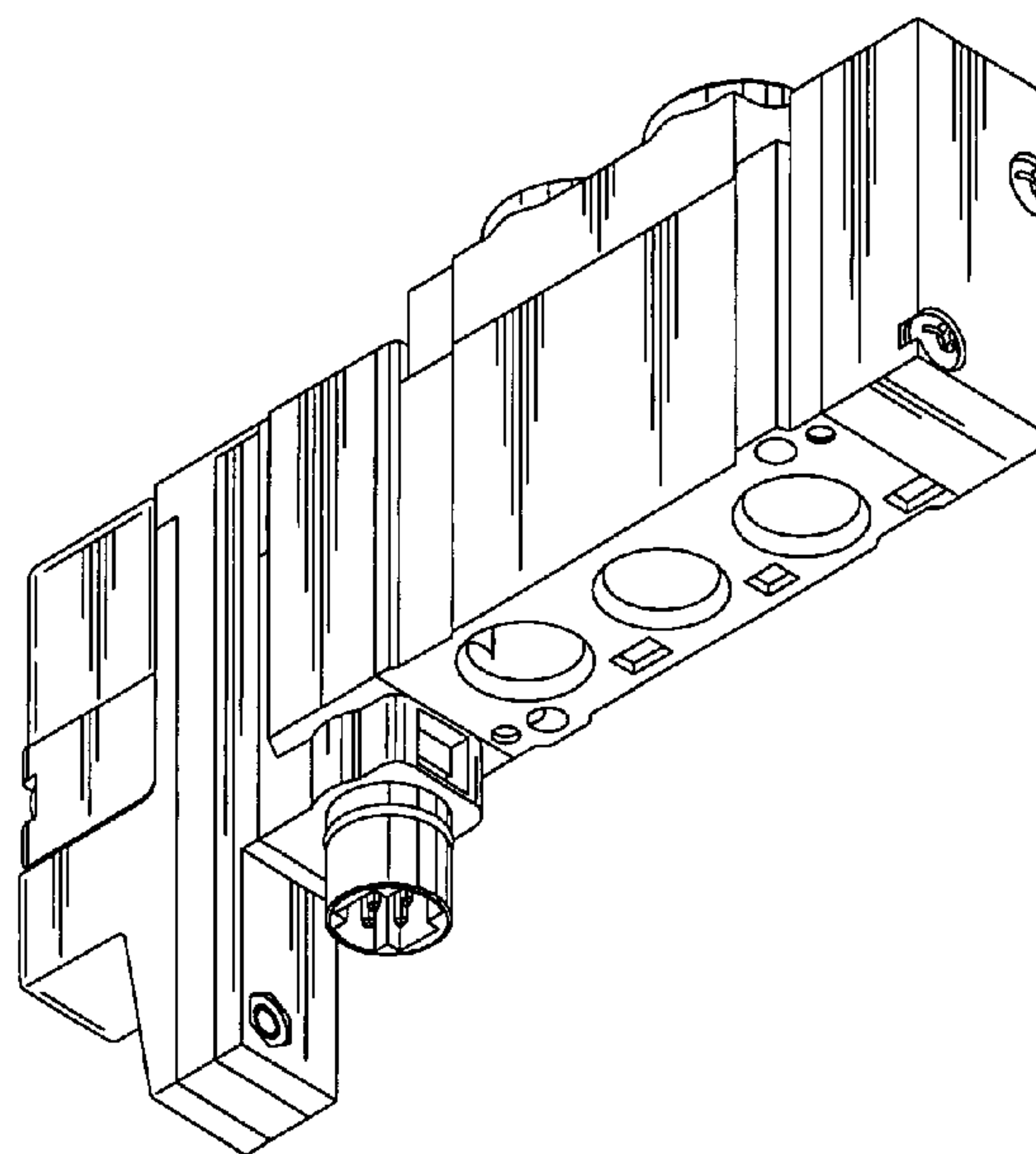
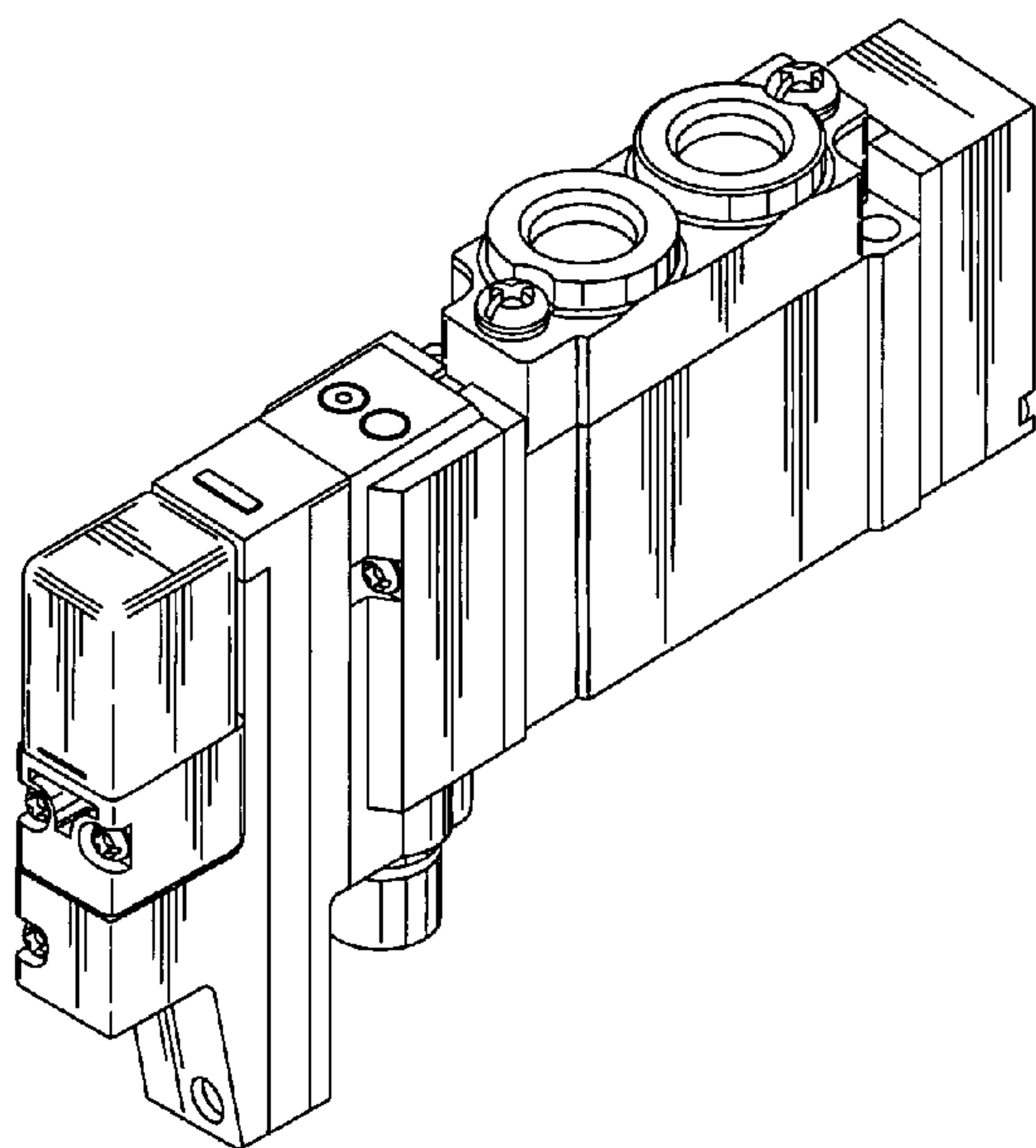


FIG. 1

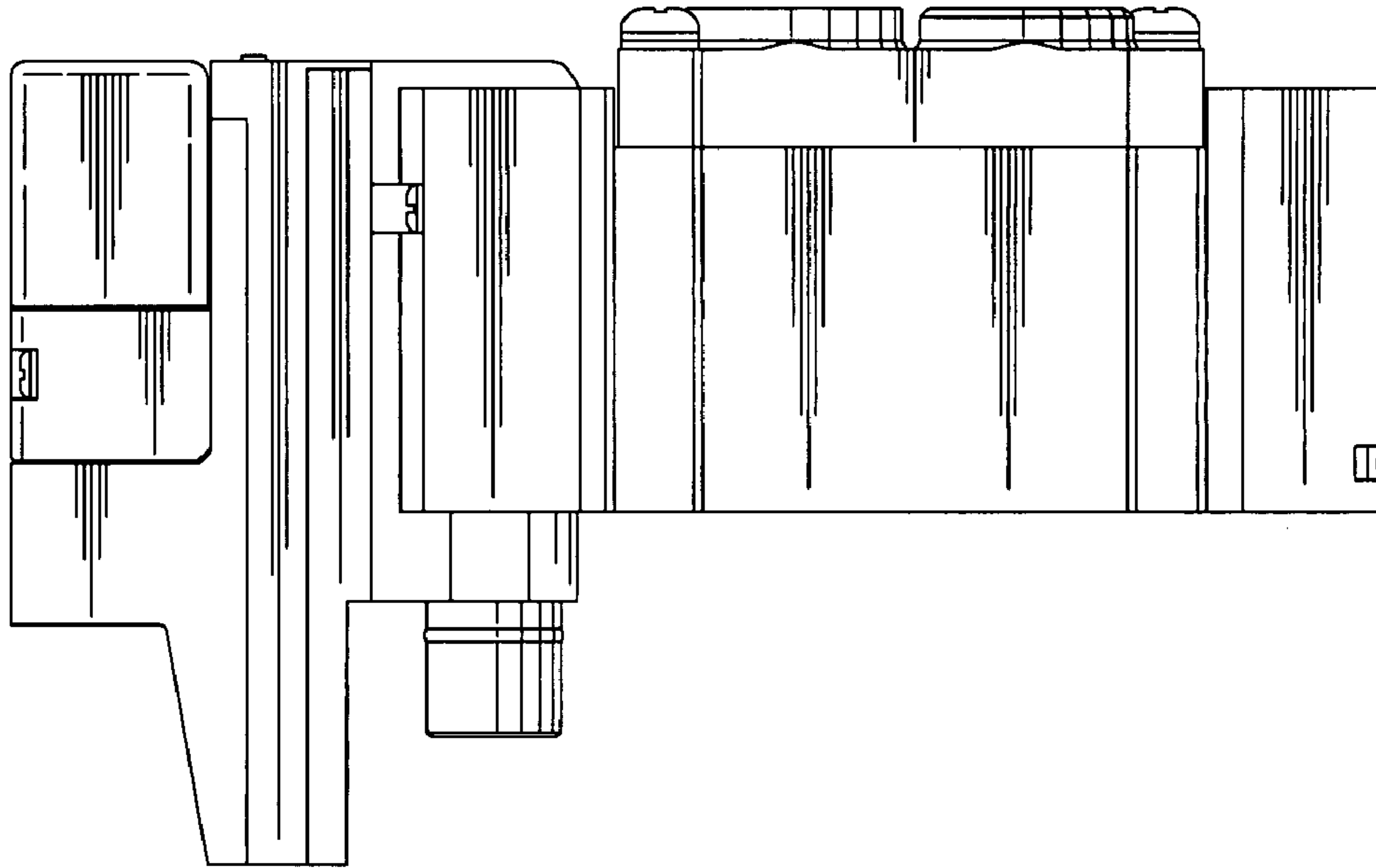


FIG. 2

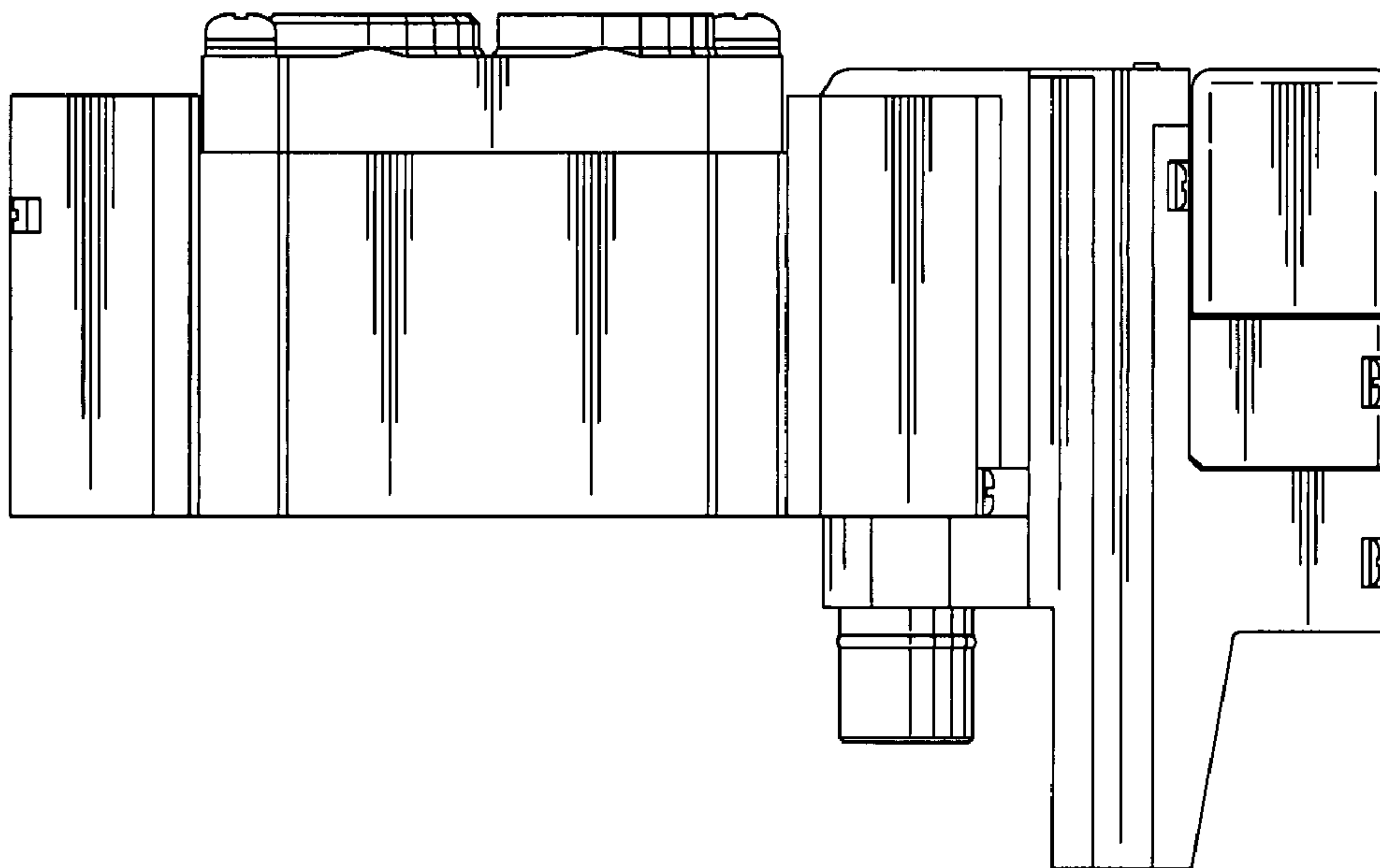


FIG. 3

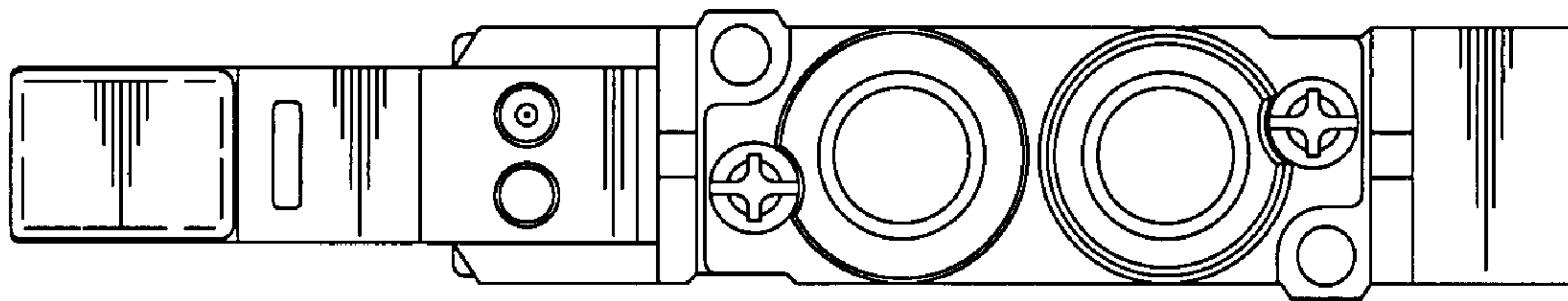


FIG. 4

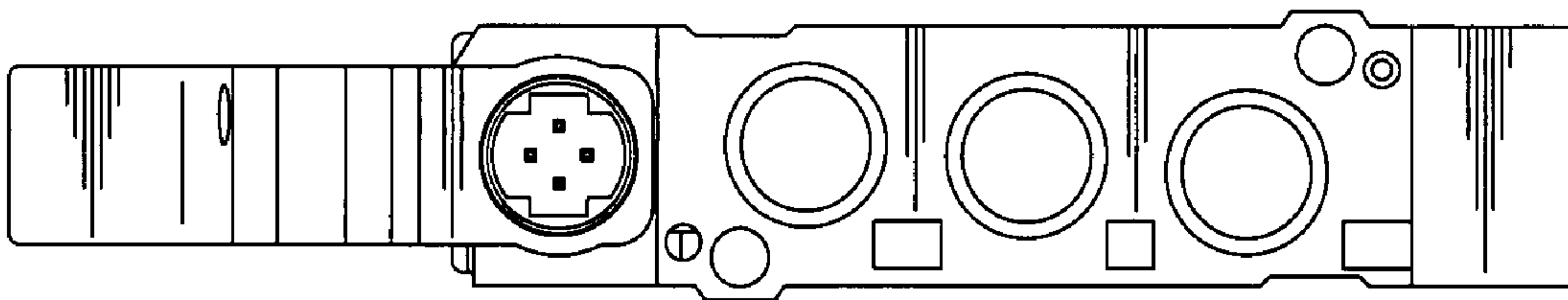


FIG. 5

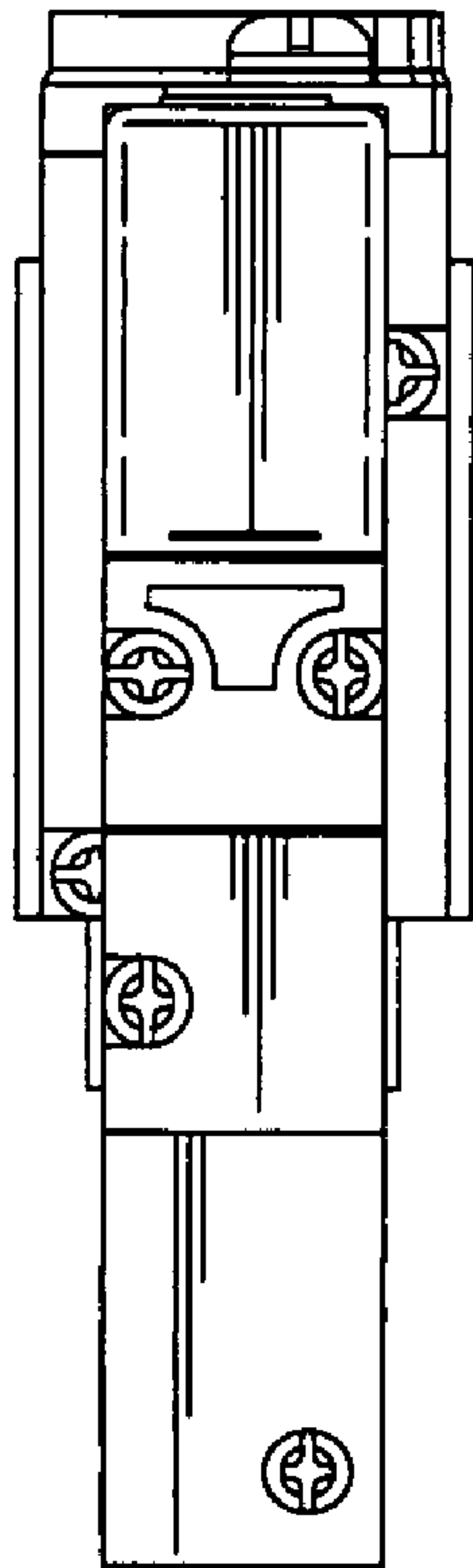


FIG. 6

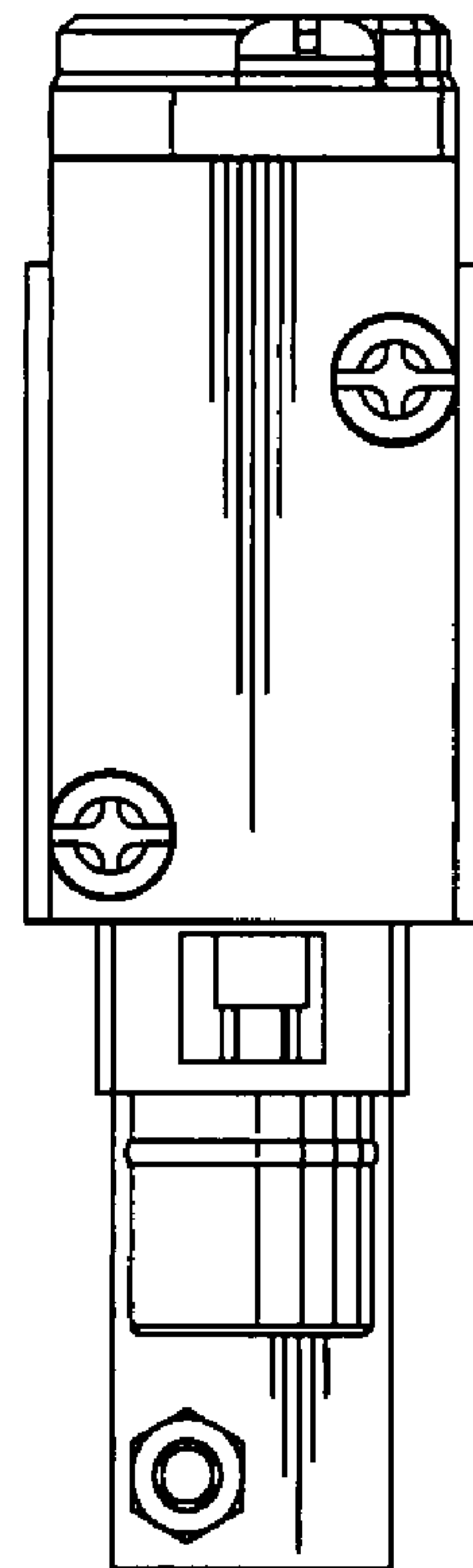


FIG. 7

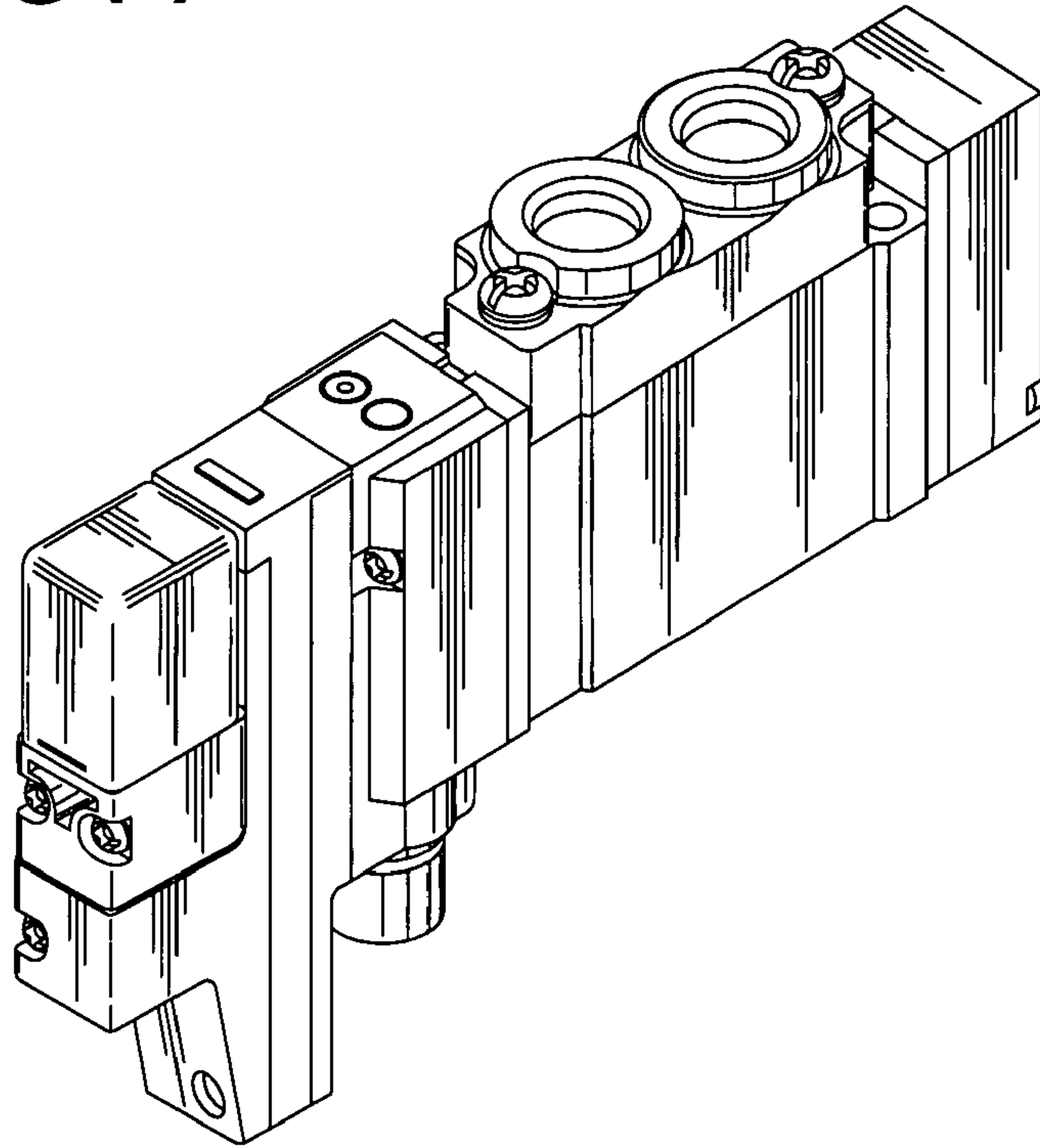


FIG. 8

