

US00D493178S1

(12) **United States Design Patent** (10) **Patent No.:** **US D493,178 S**
Makiyama (45) **Date of Patent:** **** Jul. 20, 2004**

(54) **FIXTURE FOR A CRANKSHAFT**

(75) Inventor: **Tadashi Makiyama**, Onomichi (JP)

(73) Assignee: **Horkos Corp.**, Fukuyama (JP)

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

(21) Appl. No.: **29/180,001**

(22) Filed: **Apr. 18, 2003**

(30) **Foreign Application Priority Data**

Oct. 28, 2002 (JP) 2002-029374

(51) **LOC (7) Cl.** **15-01**

(52) **U.S. Cl.** **D15/5**

(58) **Field of Search** D15/5; 123/90.15,
123/90.17, 90.31, 90.6; 74/568 R; 464/1,
2, 160

(56) **References Cited**

U.S. PATENT DOCUMENTS

5,249,394 A * 10/1993 Griswold 451/62
6,505,587 B1 * 1/2003 Scheidt 123/90.17

* cited by examiner

Primary Examiner—Lisa Lichtenstein

(74) *Attorney, Agent, or Firm*—Venable LLP; John P. Shannon

(57) **CLAIM**

The ornamental design for a fixture for a crankshaft, as shown and described.

DESCRIPTION

FIG. 1 is a perspective view taken from the front, top and left side of a fixture for a crankshaft showing my design;

FIG. 2 is a front elevational view of the fixture for a crankshaft of FIG. 1;

FIG. 3 is a top view of the fixture for a crankshaft of FIG. 1;

FIG. 4 is a left side elevational view of the fixture for a crankshaft of FIG. 1;

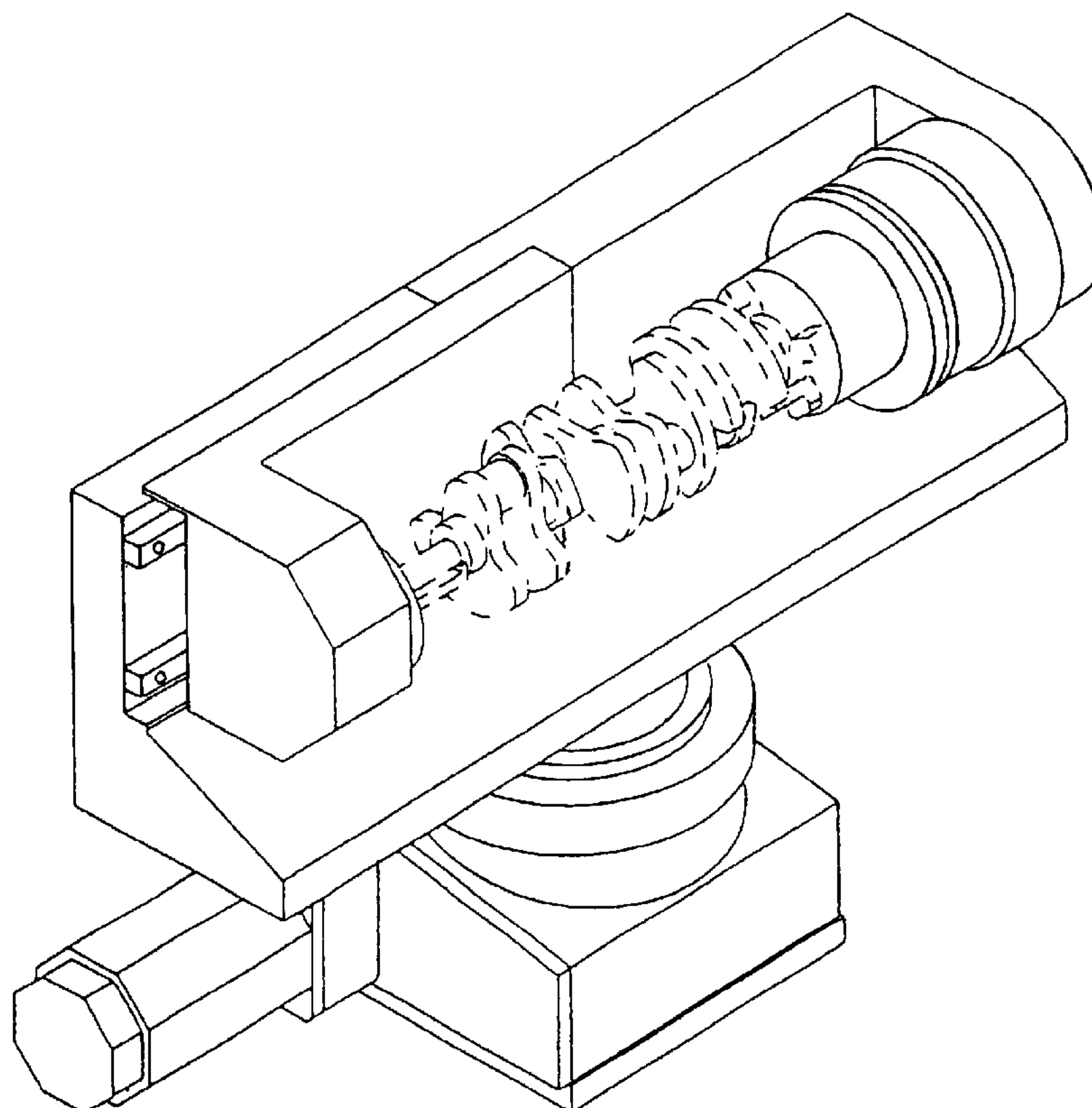
FIG. 5 is a right side elevational view of the fixture for a crankshaft of FIG. 1;

FIG. 6 is a rear elevational view of the fixture for a crankshaft of FIG. 1; and,

FIG. 7 is a bottom view of the fixture for a crankshaft of FIG. 1.

The broken line showing of a crank in the fixture for a crankshaft is for illustrative purposes only and forms no part of the claimed invention.

1 Claim, 7 Drawing Sheets



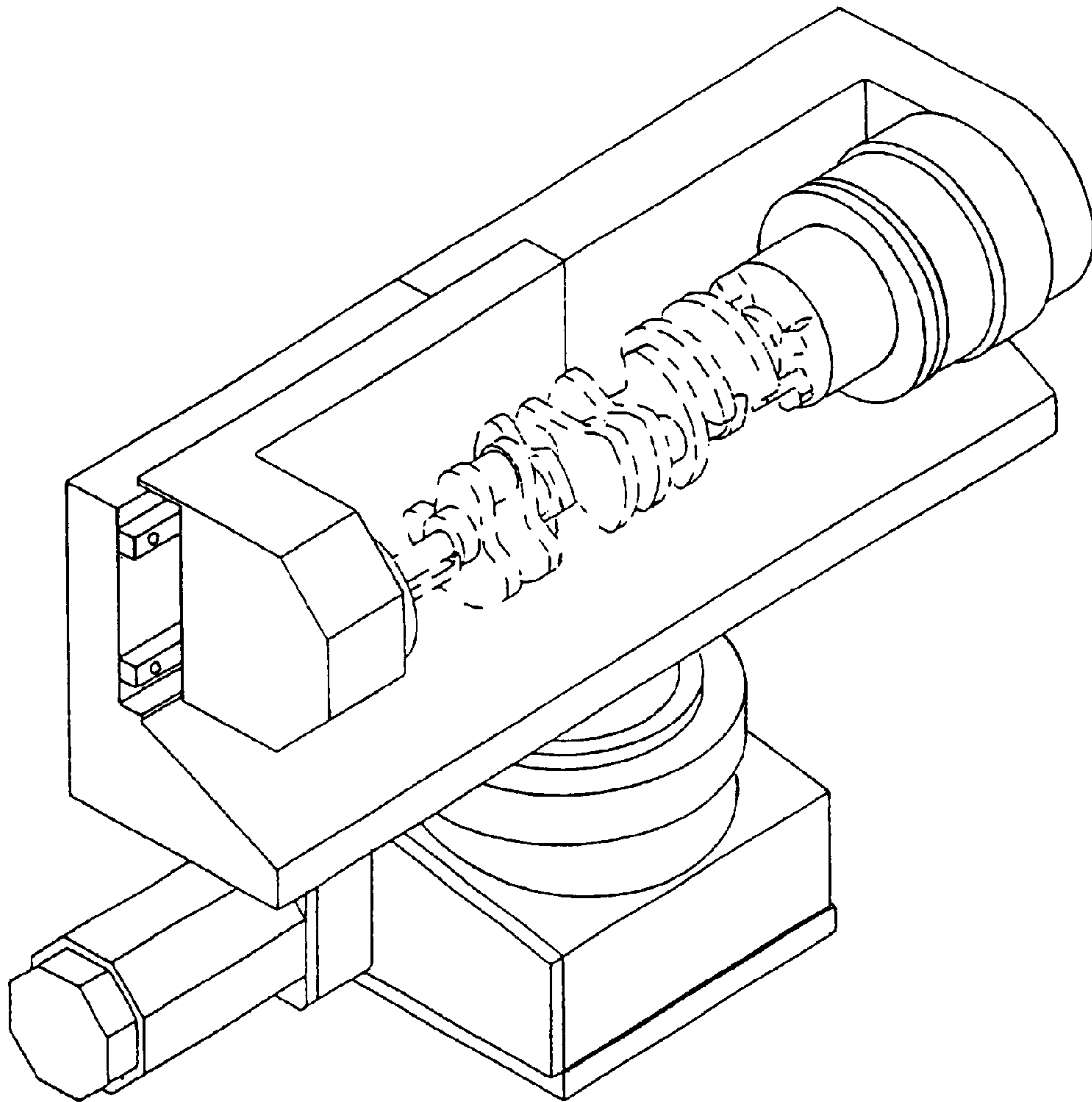


FIG. 1

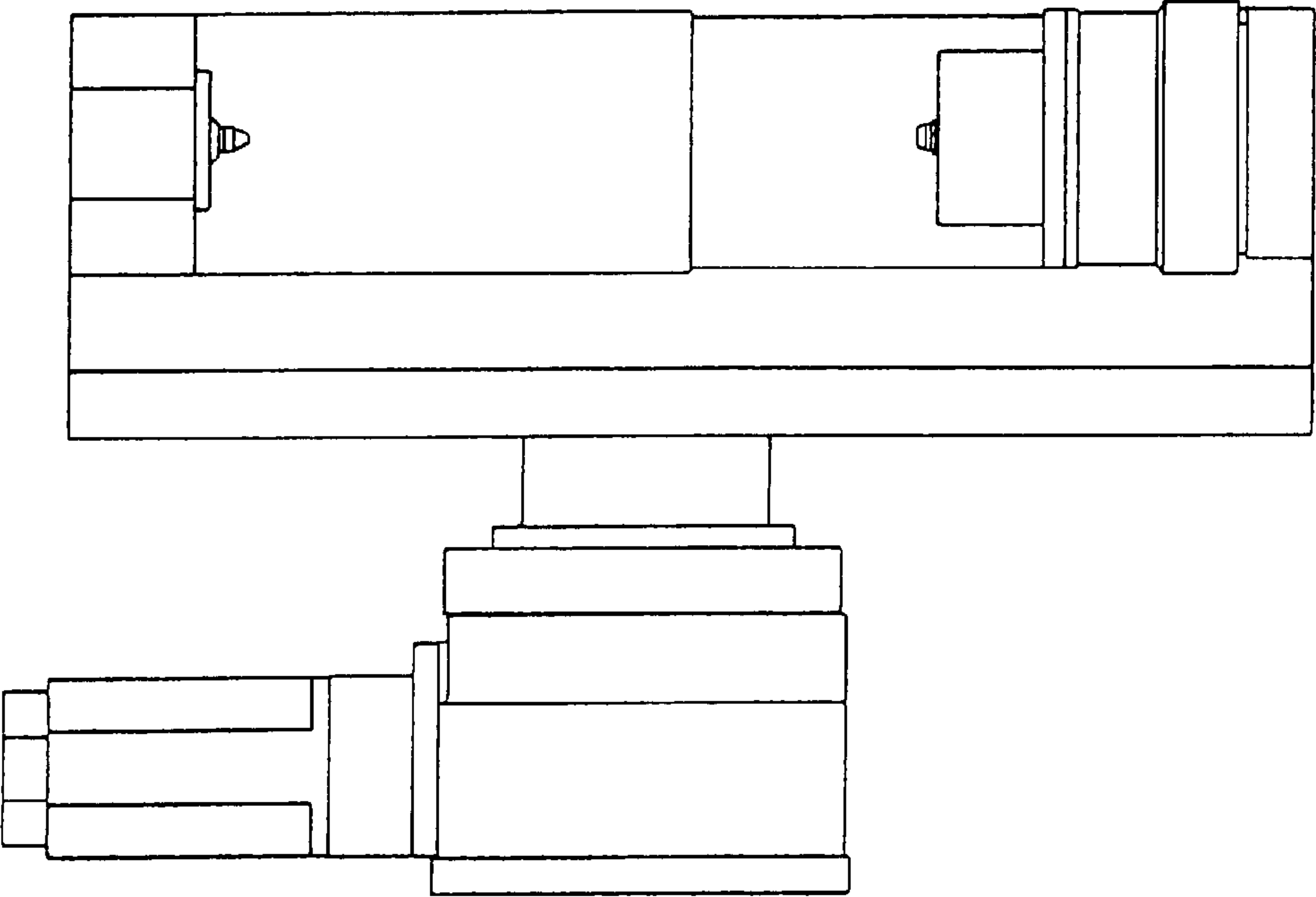


FIG. 2

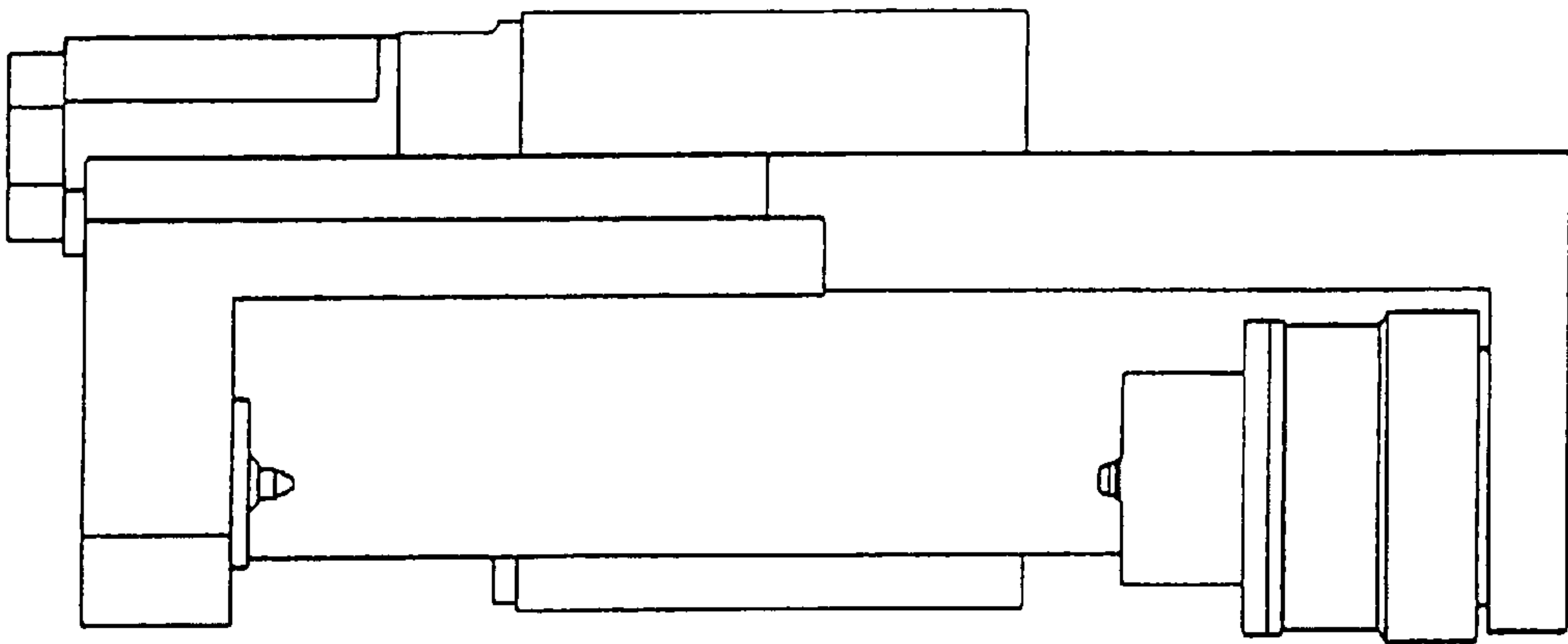


FIG. 3

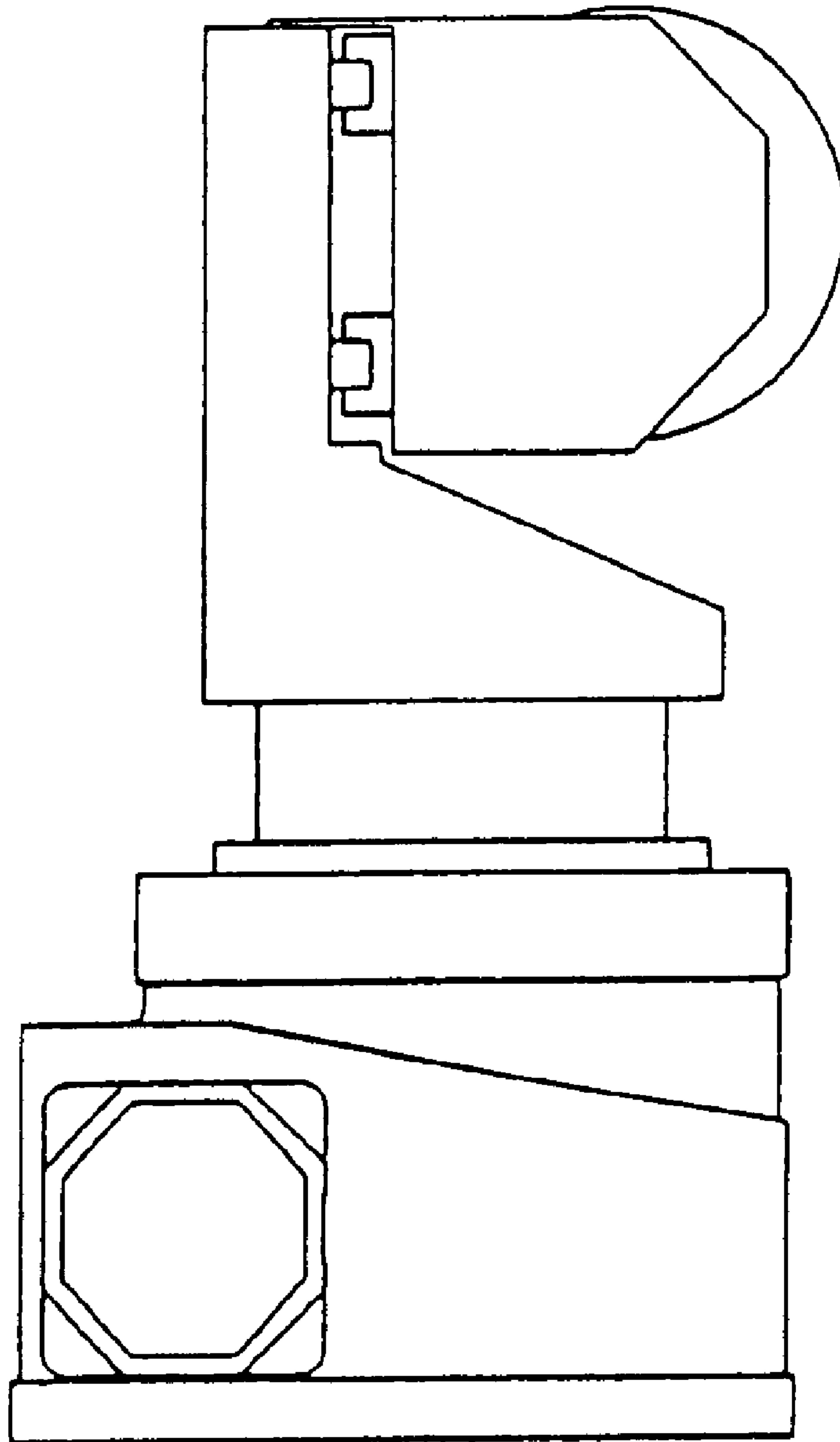


FIG. 4

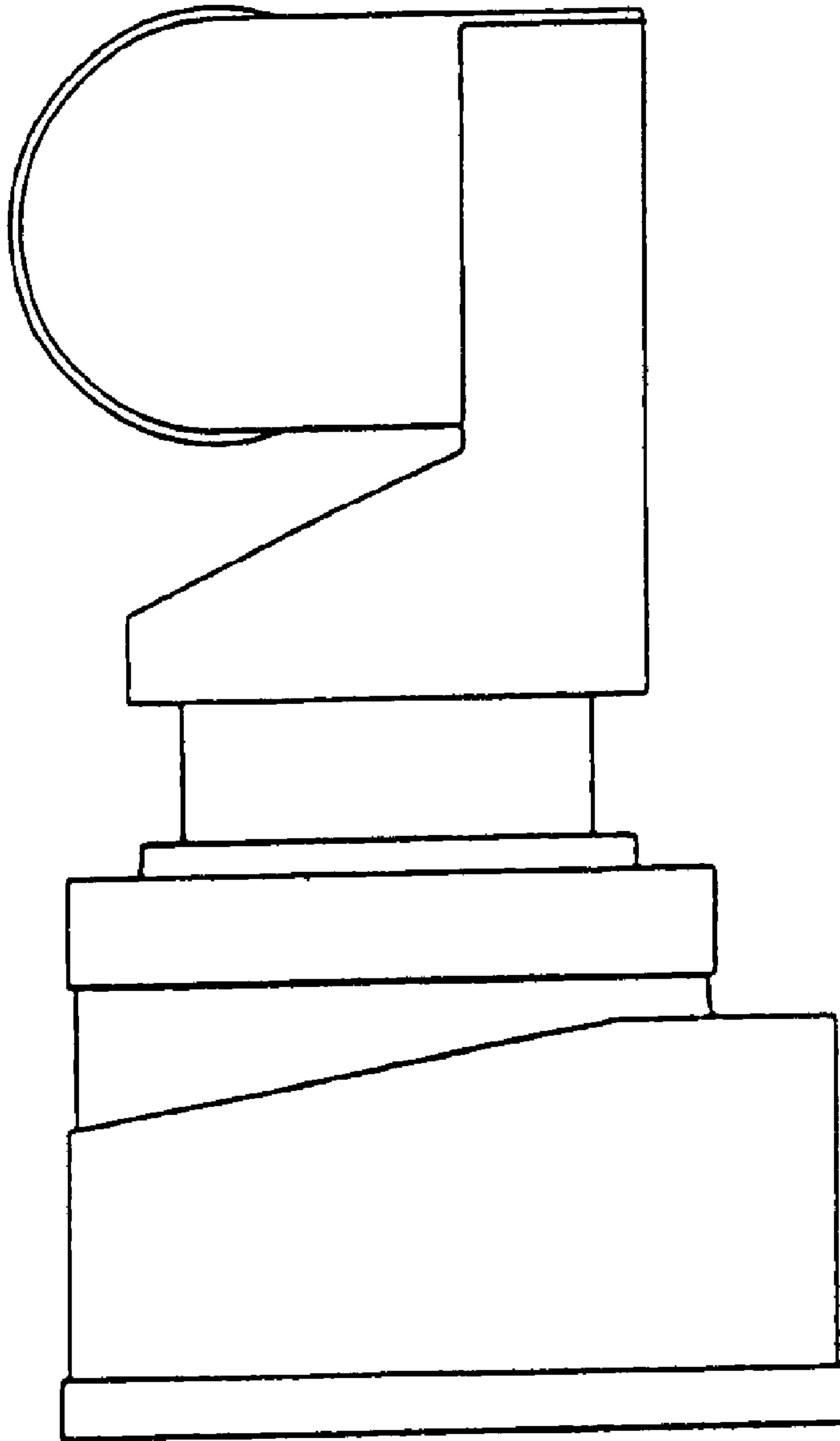


FIG. 5

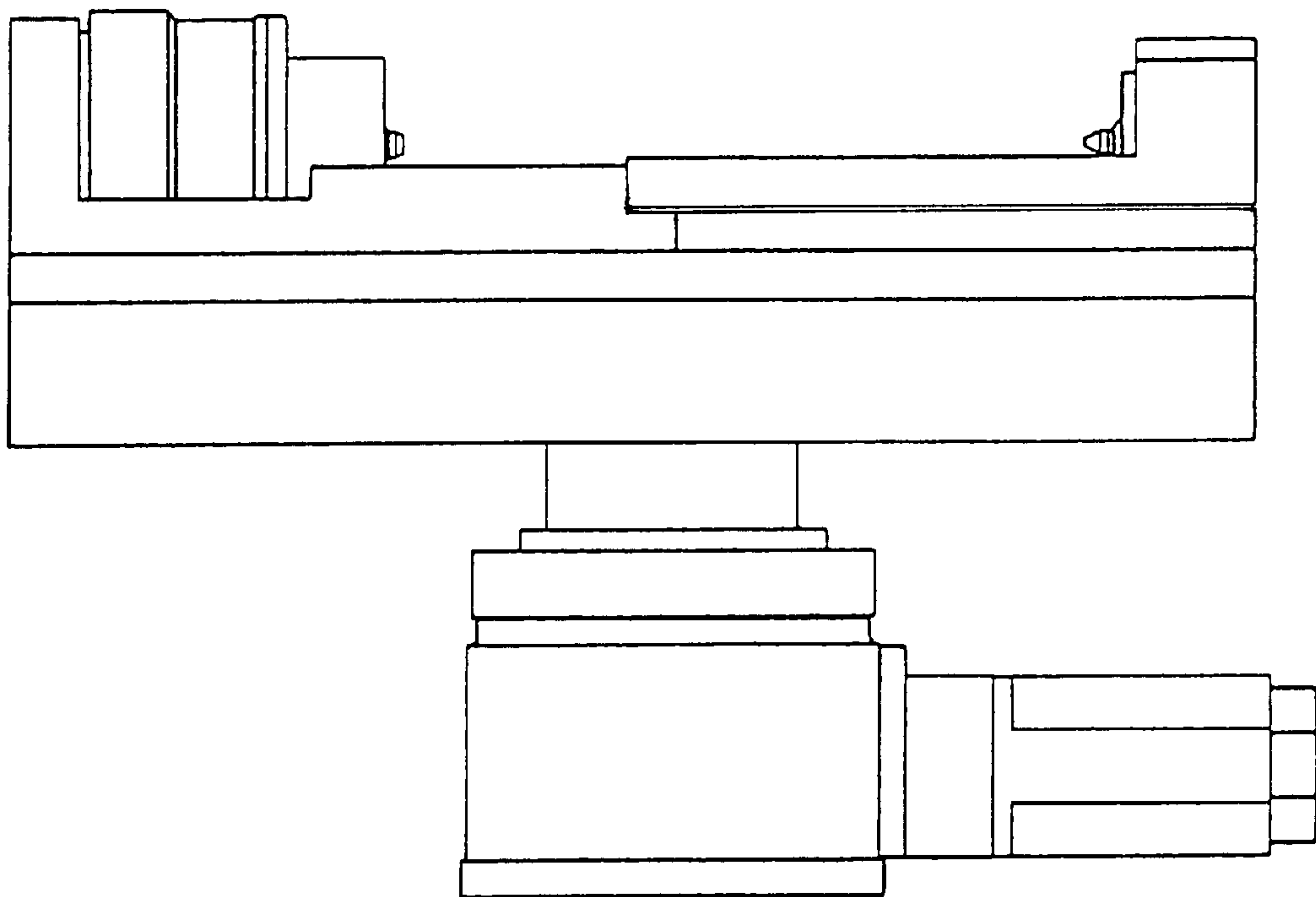


FIG. 6

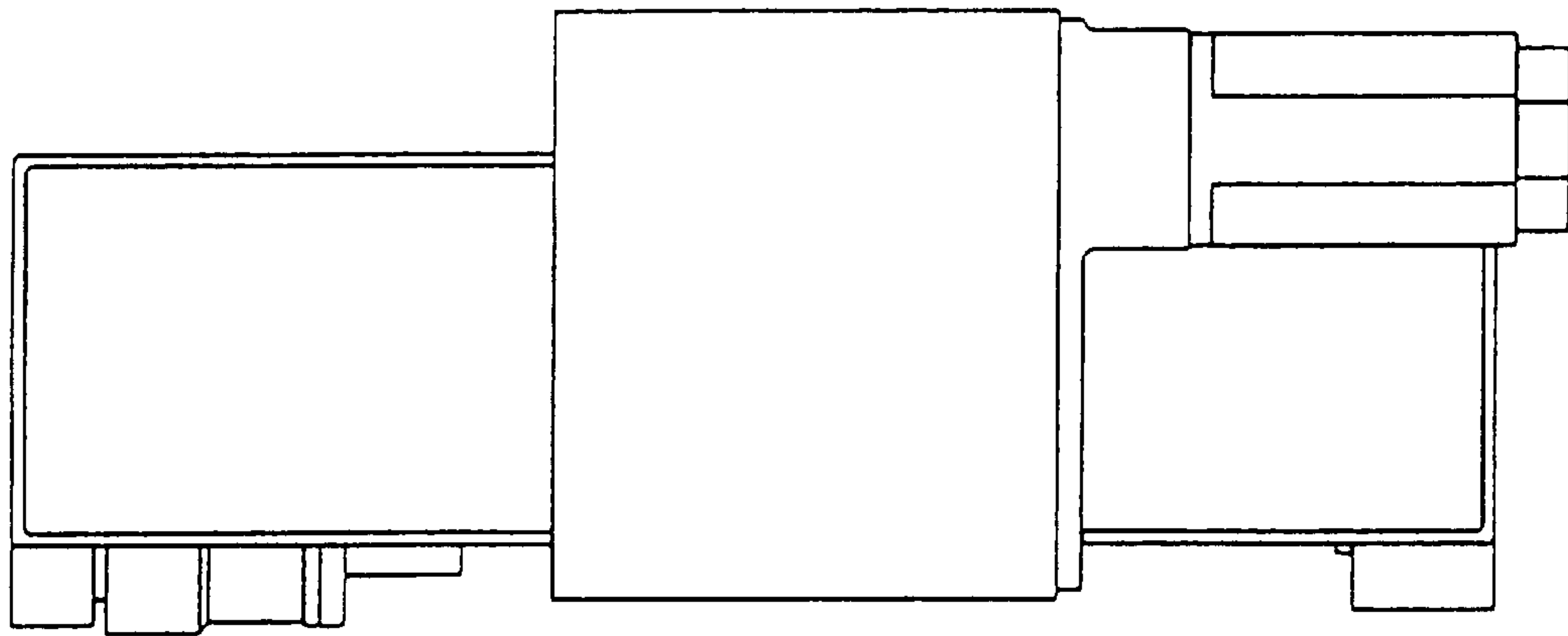


FIG. 7