



US00D614150S

(12) **United States Design Patent**  
**Crites**

(10) **Patent No.:** **US D614,150 S**  
(45) **Date of Patent:** **\*\* Apr. 20, 2010**

(54) **ACTUATOR**

(75) Inventor: **Derek Lee Crites**, Niles, MI (US)

(73) Assignee: **CTS Corporation**, Elkhart, IN (US)

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

(21) Appl. No.: **29/315,520**

(22) Filed: **Jul. 1, 2009**

(51) **LOC (9) Cl.** ..... **13-03**

(52) **U.S. Cl.** ..... **D13/174; D13/158**

(58) **Field of Classification Search** ..... D13/158,  
D13/171, 174; 29/596; 236/74 R; 251/129.11;  
310/71, 83, 89; 318/15; 475/149  
See application file for complete search history.

(56) **References Cited**

**U.S. PATENT DOCUMENTS**

|           |      |        |                |          |
|-----------|------|--------|----------------|----------|
| 5,937,507 | A *  | 8/1999 | Asakura et al. | 29/596   |
| 6,028,384 | A *  | 2/2000 | Billman et al. | 310/83   |
| 6,509,661 | B1 * | 1/2003 | Kujira et al.  | 310/89   |
| 6,712,727 | B2 * | 3/2004 | Kujira et al.  | 475/149  |
| 6,853,160 | B1 * | 2/2005 | Gandel et al.  | 318/561  |
| 7,070,117 | B2 * | 7/2006 | Kook           | 236/74 R |

|              |      |        |              |         |
|--------------|------|--------|--------------|---------|
| D587,661     | S *  | 3/2009 | Blakesley    | D13/174 |
| 2008/0224553 | A1 * | 9/2008 | Abe et al.   | 310/71  |
| 2009/0115270 | A1 * | 5/2009 | Huang et al. | 310/71  |

\* cited by examiner

*Primary Examiner*—Selina Sikder

(74) *Attorney, Agent, or Firm*—Daniel J. Deneufbourg

(57) **CLAIM**

The ornamental design for an actuator, as shown and described.

**DESCRIPTION**

FIG. 1 is a top perspective view of an actuator showing my new design;

FIG. 2 is a bottom perspective view thereof;

FIG. 3 is a front elevational view thereof;

FIG. 4 is a rear elevational view thereof;

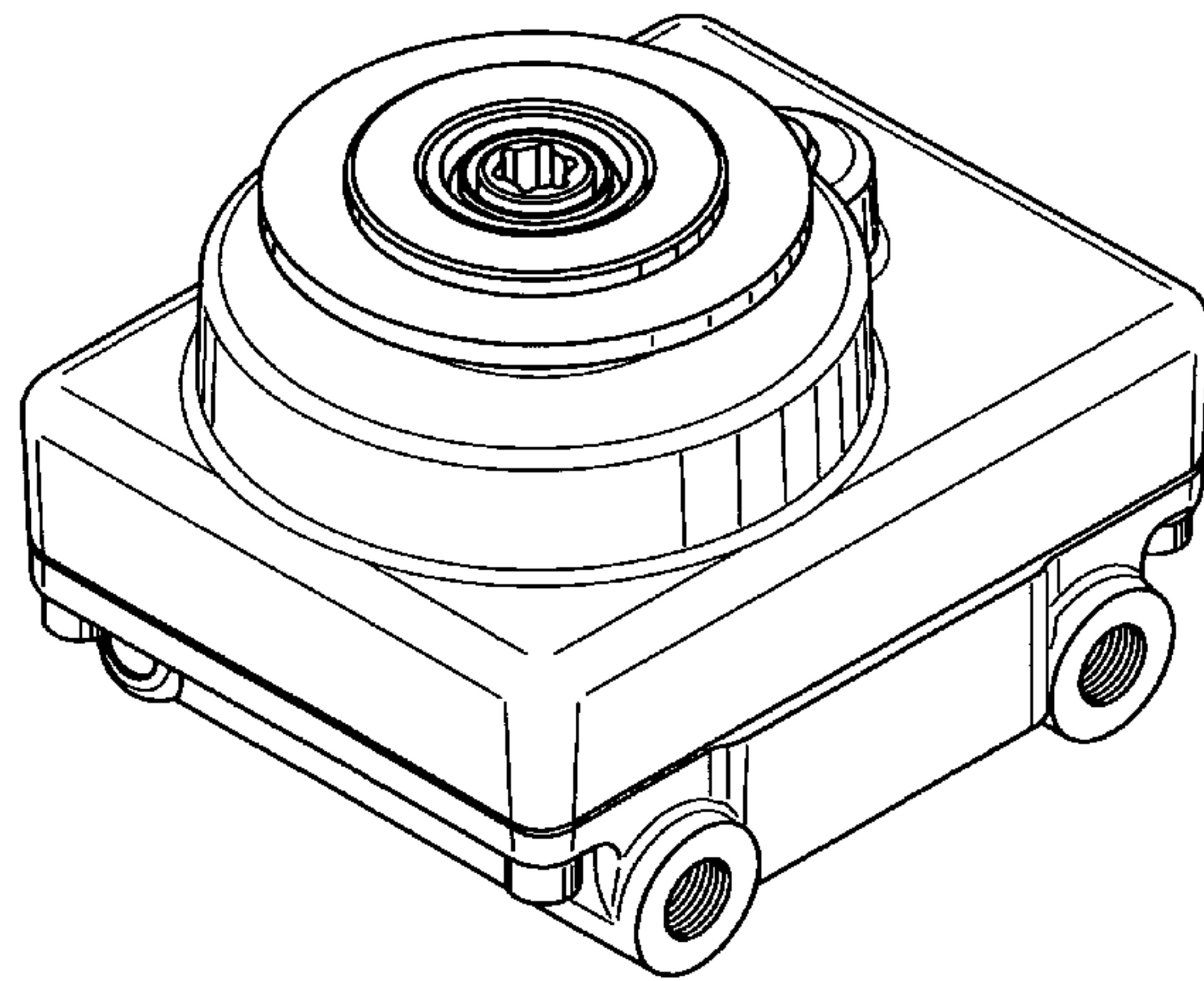
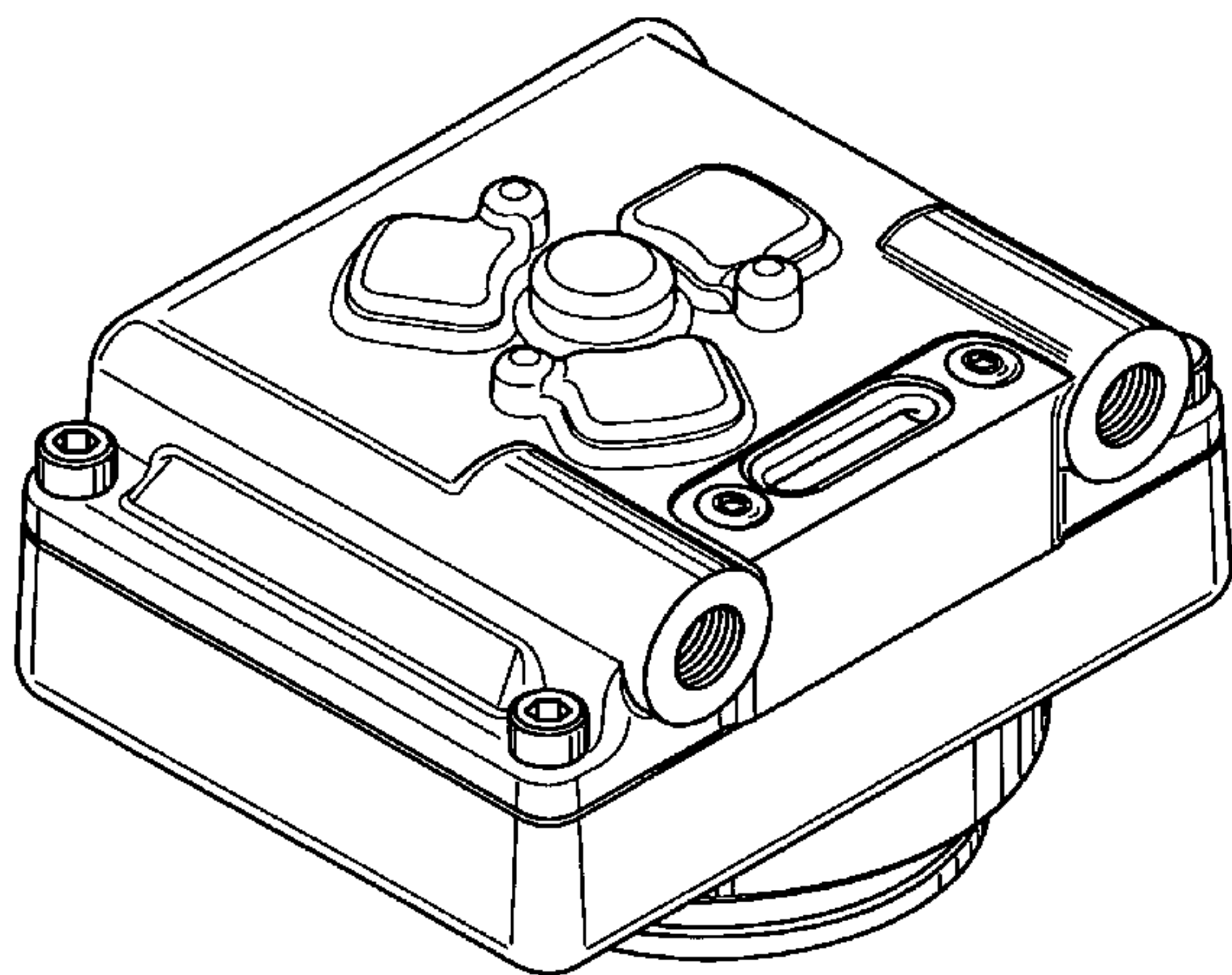
FIG. 5 is a side elevational view thereof;

FIG. 6 is an opposite side elevational view thereof;

FIG. 7 is a top plan view thereof; and,

FIG. 8 is a bottom plan view thereof.

**1 Claim, 4 Drawing Sheets**



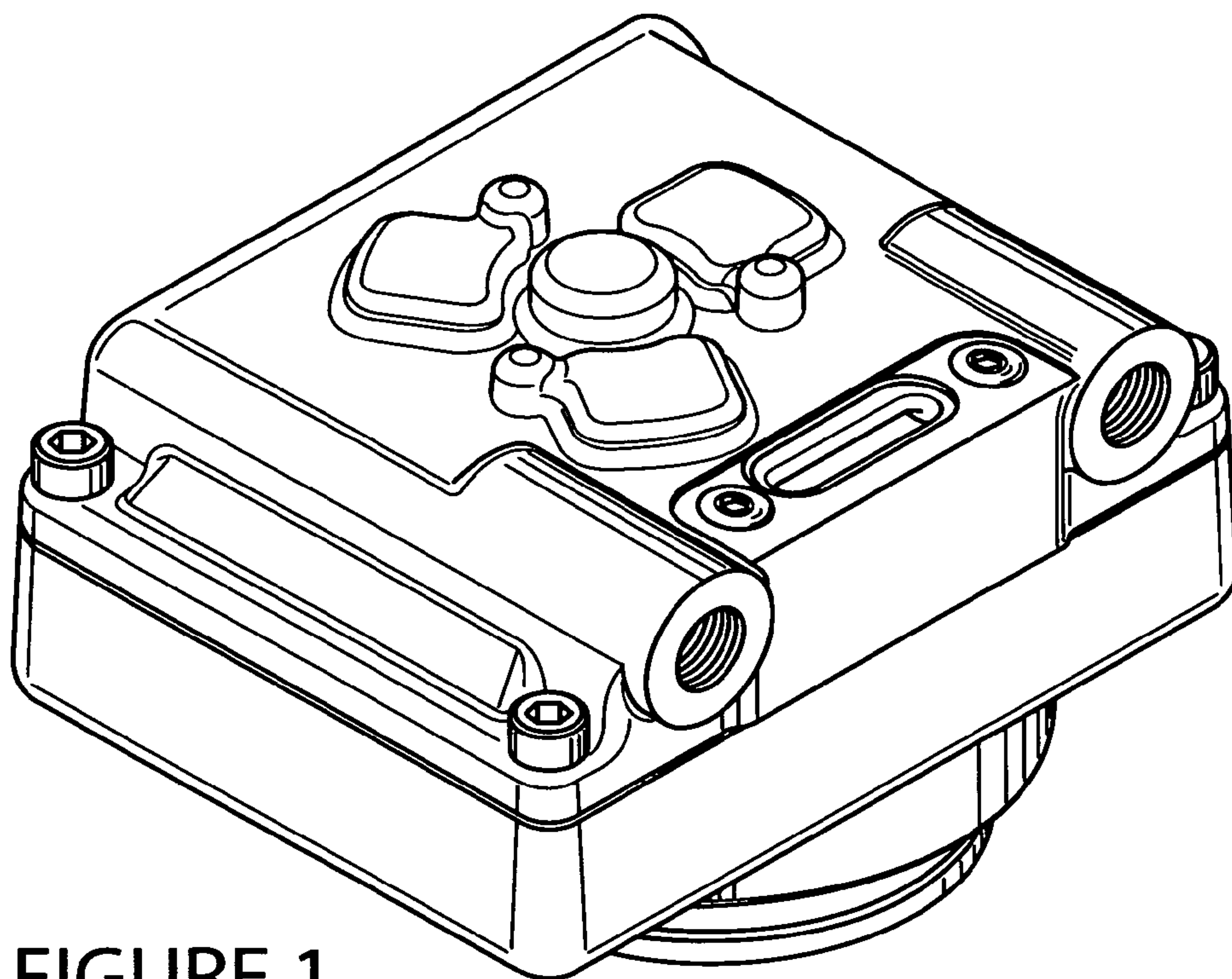


FIGURE 1

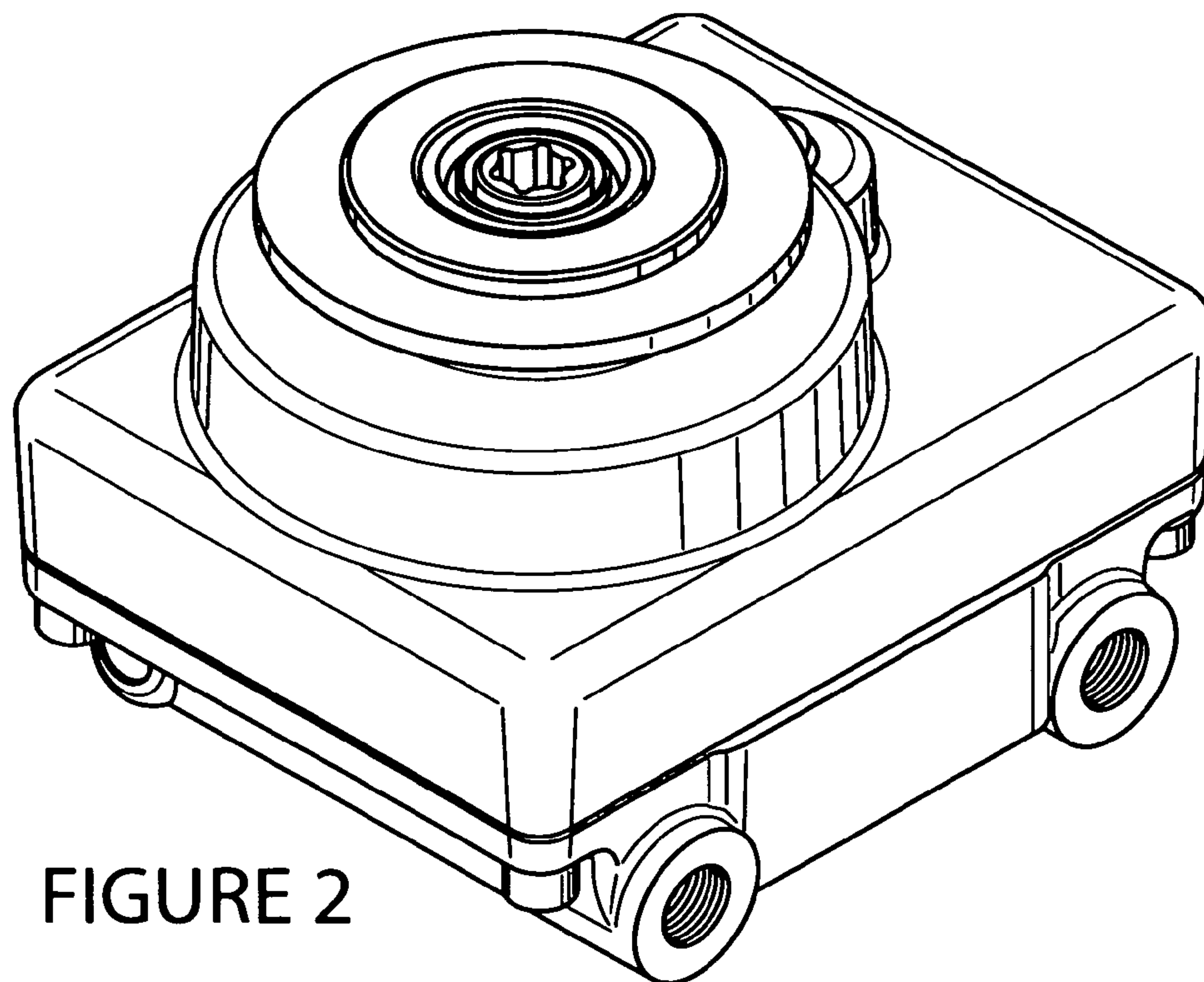


FIGURE 2

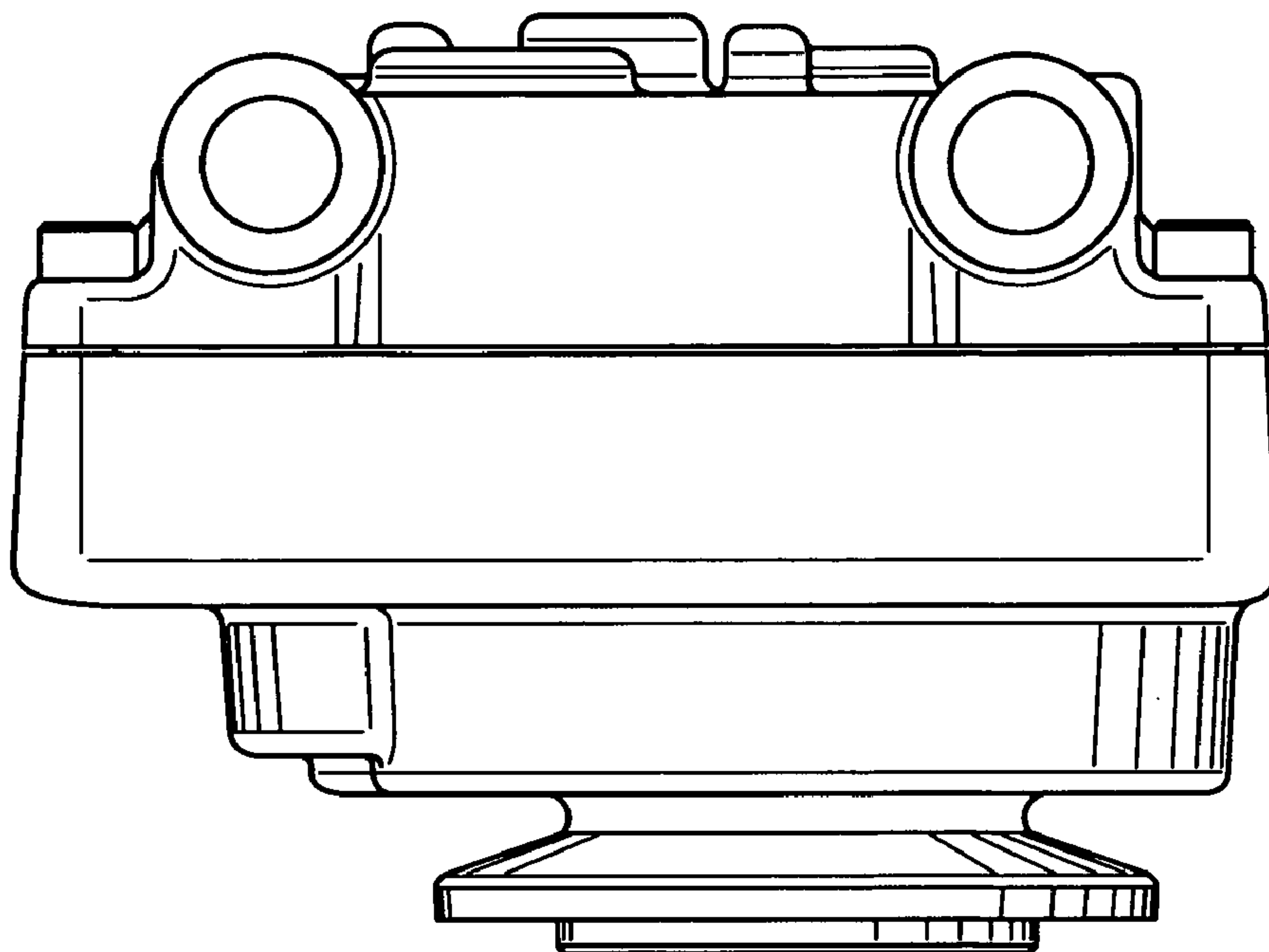


FIGURE 3

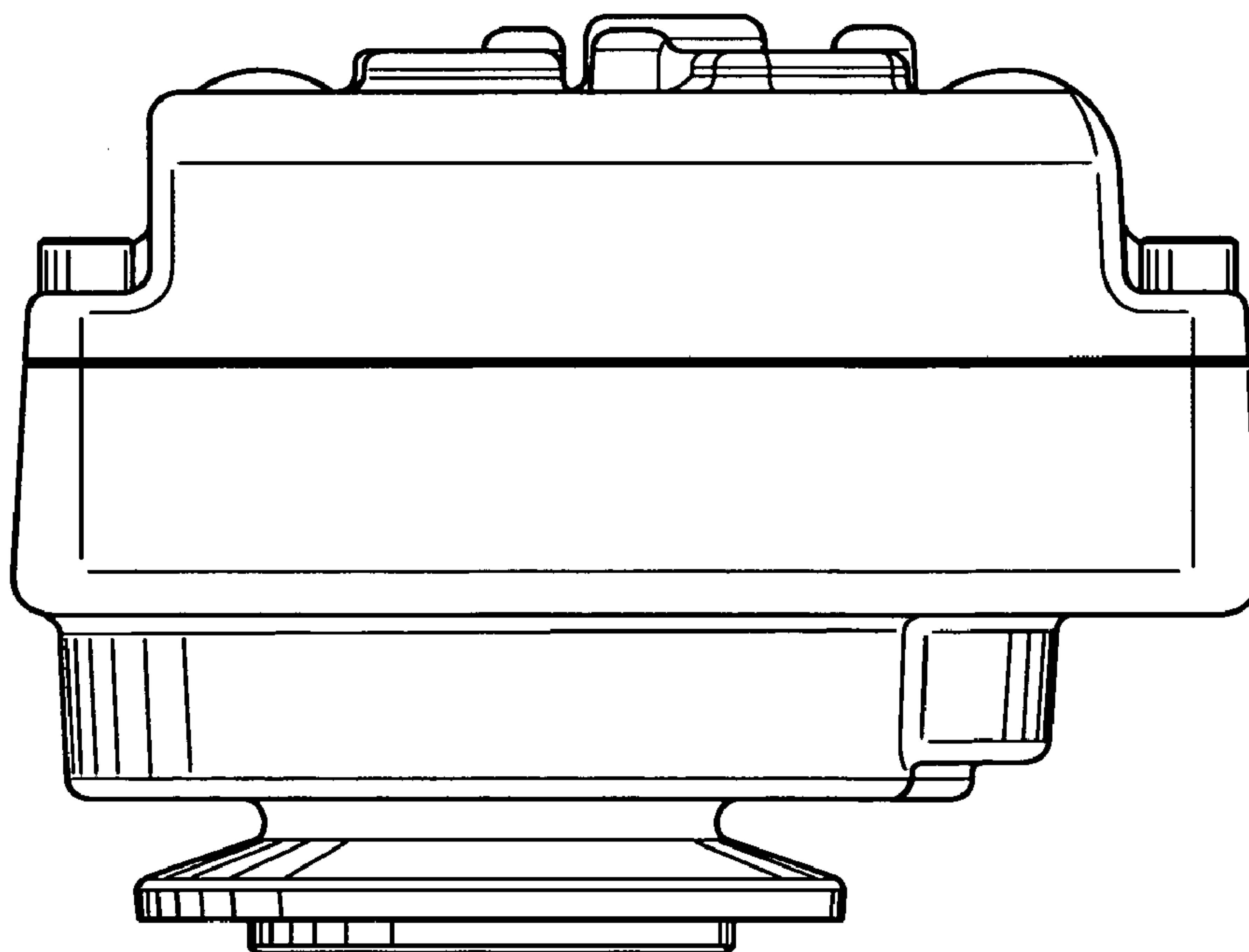


FIGURE 4

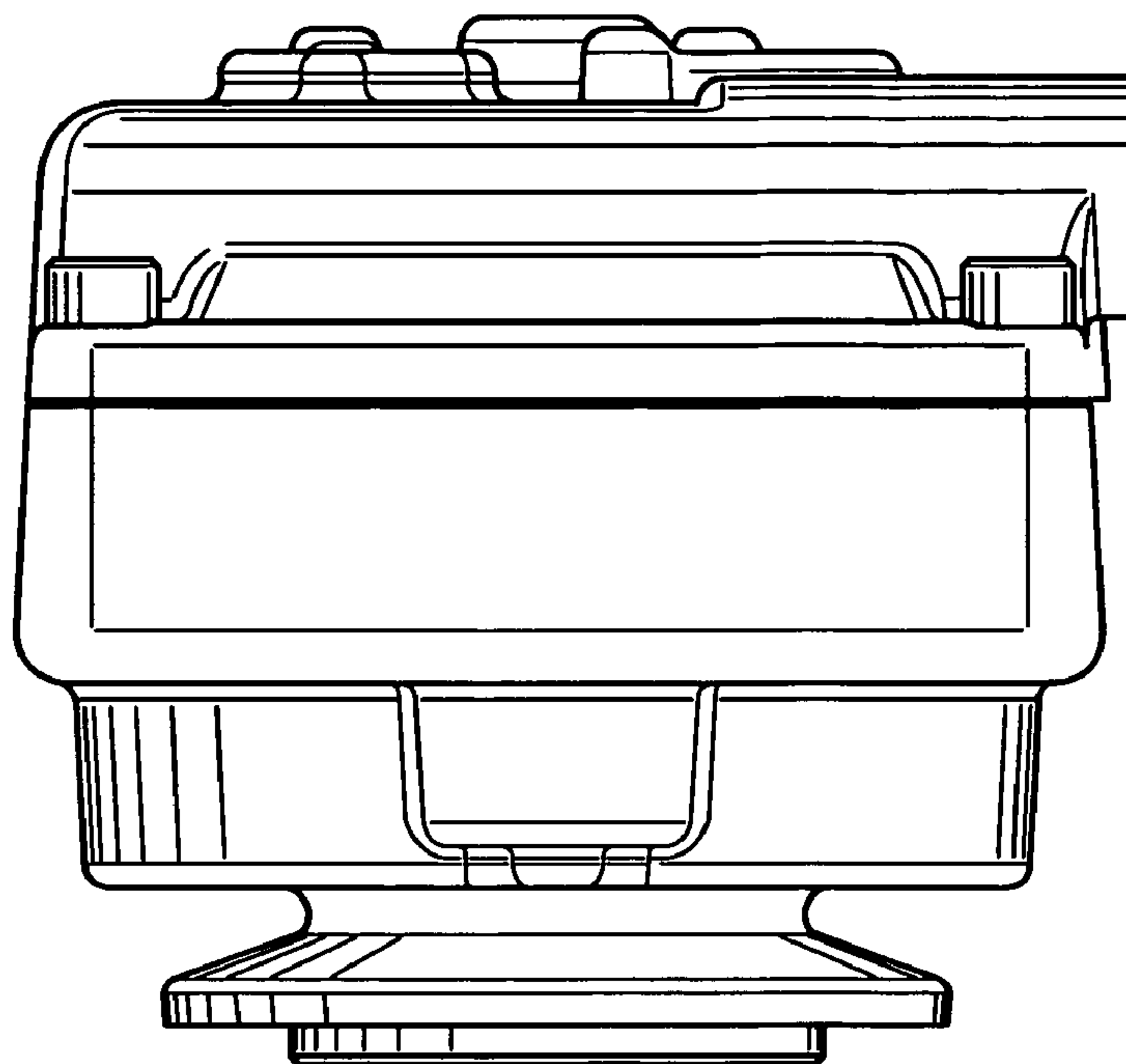


FIGURE 5

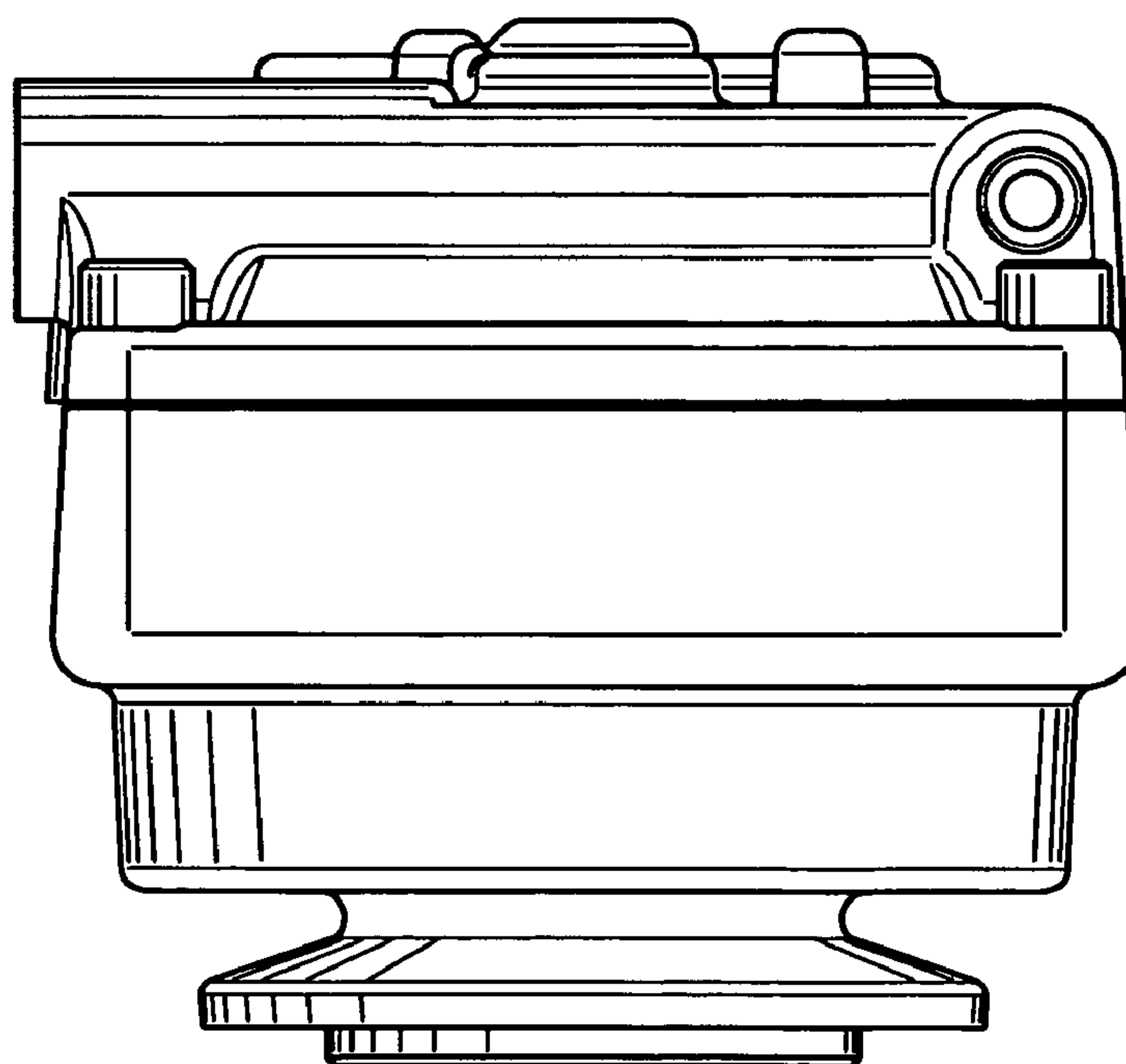


FIGURE 6

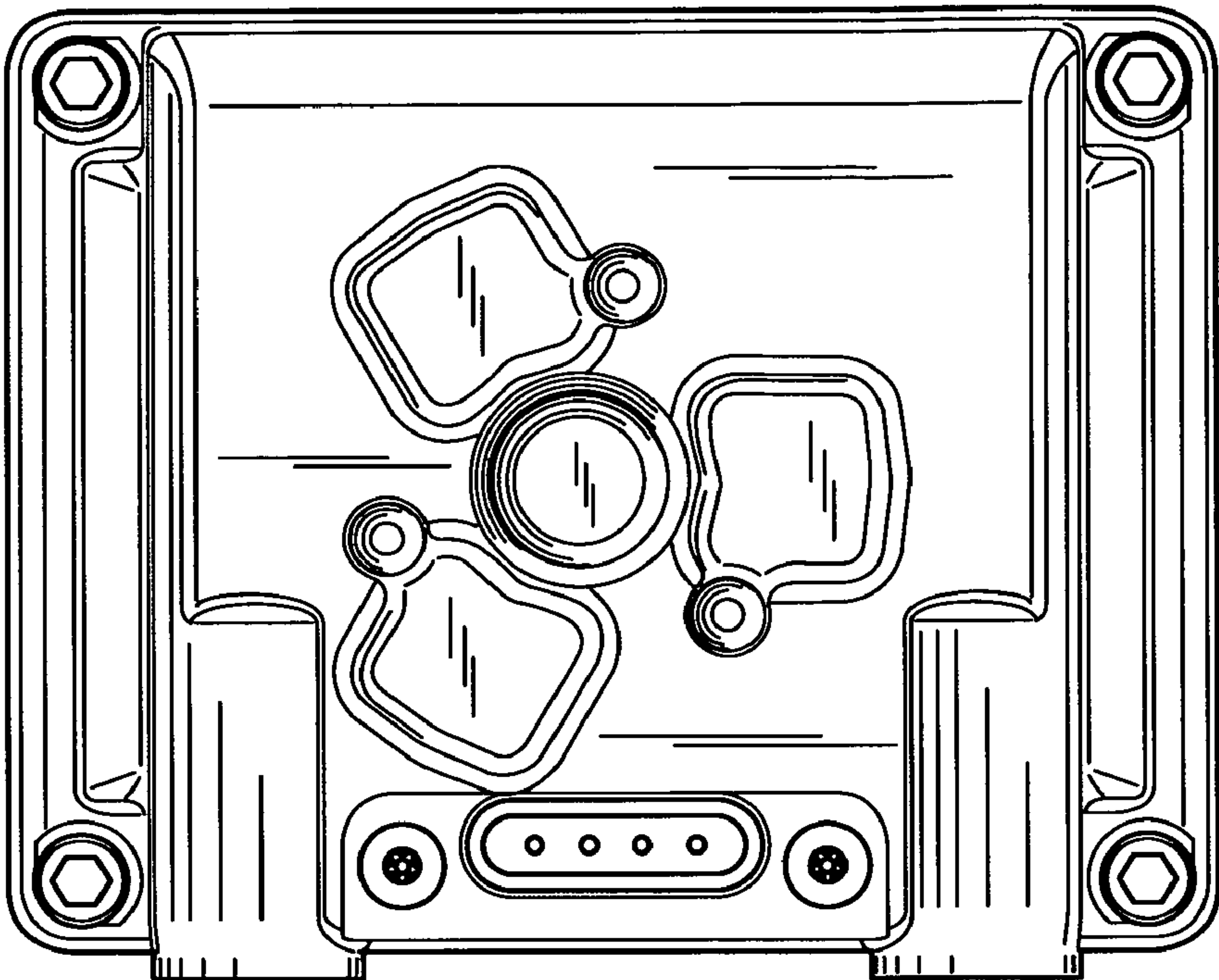


FIGURE 7

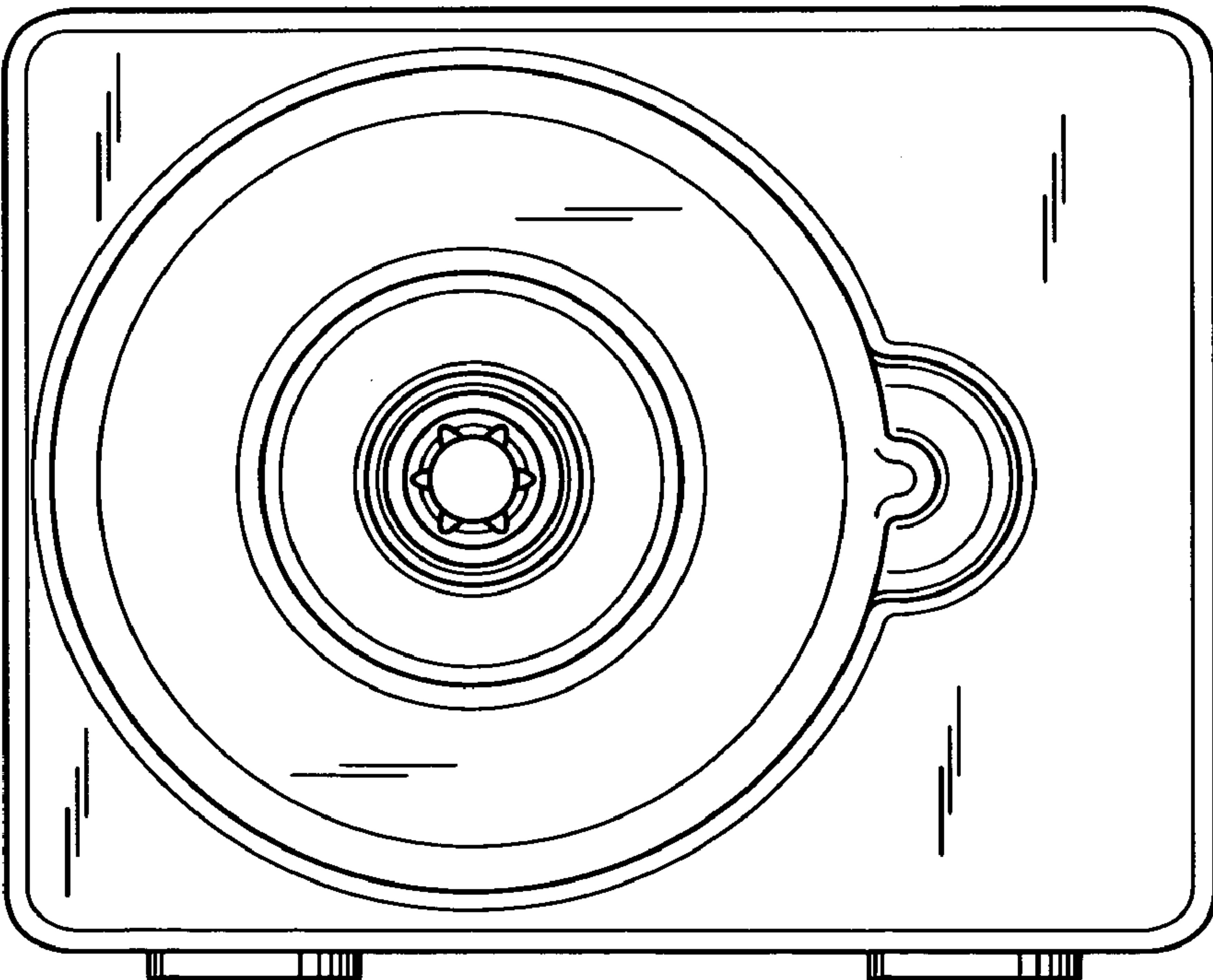


FIGURE 8