

US00D570715S

(12) **United States Design Patent** (10) **Patent No.:** **US D570,715 S**
Di Federico (45) **Date of Patent:** **** Jun. 10, 2008**

(54) **SONIC SENSOR**

(57) **CLAIM**

(75) Inventor: **Ivan Di Federico**, Argenta (IT)

The ornamental design for a sonic sensor, as shown and described.

(73) Assignee: **TSD Integrated Controls, LLC**,
Livermore, CA (US)

DESCRIPTION

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

FIG. 1 is a perspective view of a sonic sensor in accordance with the present invention;

(21) Appl. No.: **29/278,030**

FIG. 2 is a front plan view of the sonic sensor of FIG. 1;

(22) Filed: **Mar. 16, 2007**

FIG. 3 is a left side plan view of the sonic sensor of FIG. 1;

(51) **LOC (8) Cl.** **10-04**

FIG. 4 is a rear plan view of the sonic sensor of FIG. 1;

(52) **U.S. Cl.** **D10/70**

FIG. 5 is a right side plan view of the sonic sensor of FIG. 1;

(58) **Field of Classification Search** D10/46,
D10/70; 73/629, 627, 633, 632, 655; 367/99,
367/103, 107, 908, 910

FIG. 6 is a top plan view of the sonic sensor of FIG. 1;

See application file for complete search history.

FIG. 7 is a bottom plan view of the sonic sensor of FIG. 1;

(56) **References Cited**

FIG. 8 is a bottom left side perspective view of the sonic sensor of FIG. 1;

U.S. PATENT DOCUMENTS

FIG. 9 is a top front perspective view of the sonic sensor of FIG. 1;

D409,101 S * 5/1999 Howard et al. D10/70
6,137,564 A * 10/2000 Schmidt et al. 356/4.01
6,157,591 A * 12/2000 Krantz 367/99
6,813,585 B2 * 11/2004 Leutz et al. 702/158
7,330,398 B2 * 2/2008 Yang 367/99

FIG. 10 is a rear right side perspective view of the sonic sensor of FIG. 1;

FIG. 11 is a rear left side perspective view of the sonic sensor of FIG. 1; and,

* cited by examiner

FIG. 12 is a bottom right side perspective view of the sonic sensor of FIG. 1.

Primary Examiner—Antoine D Davis

1 Claim, 6 Drawing Sheets

(74) *Attorney, Agent, or Firm*—Weinick & Associates, LLC

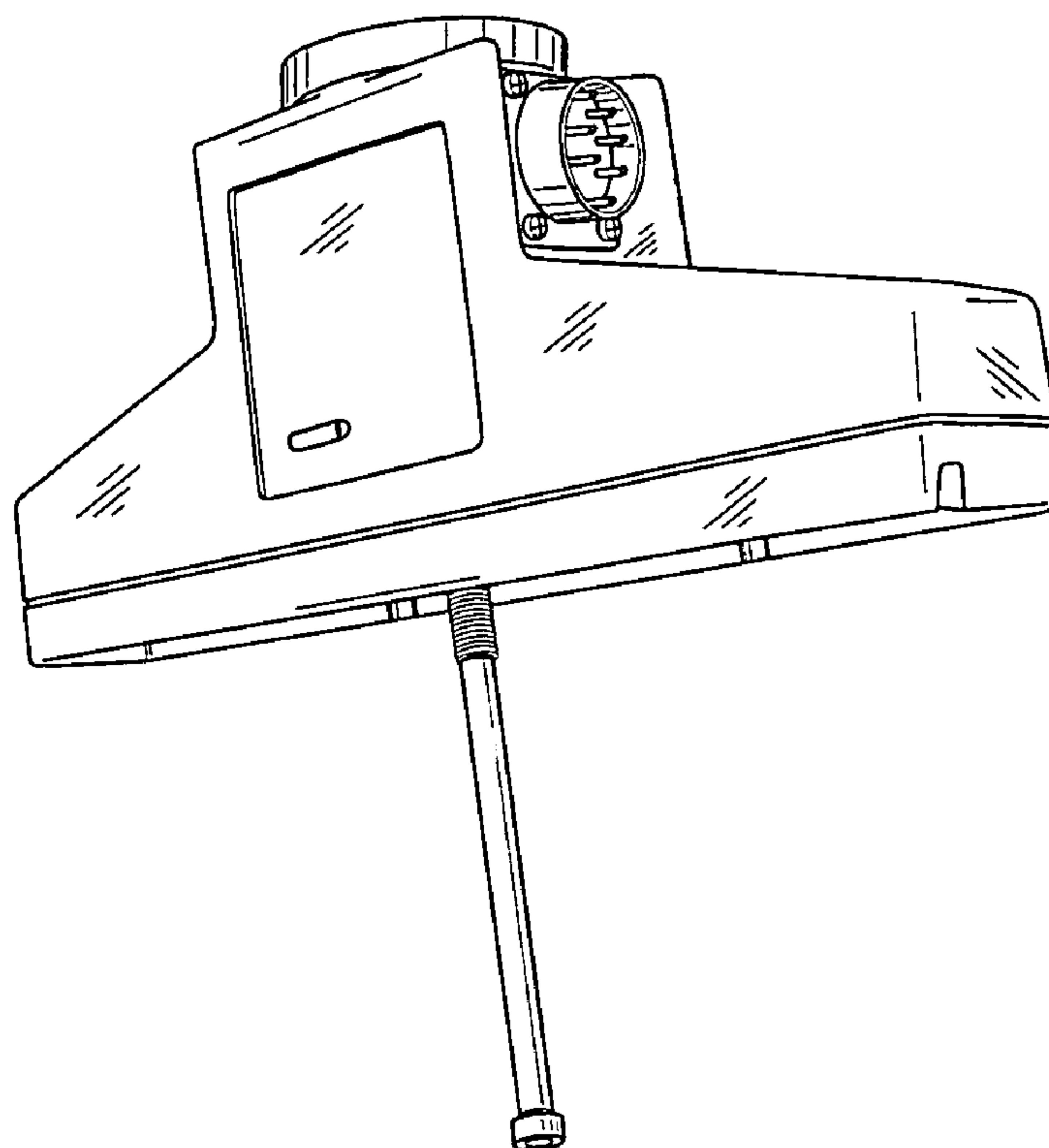


FIG. 1

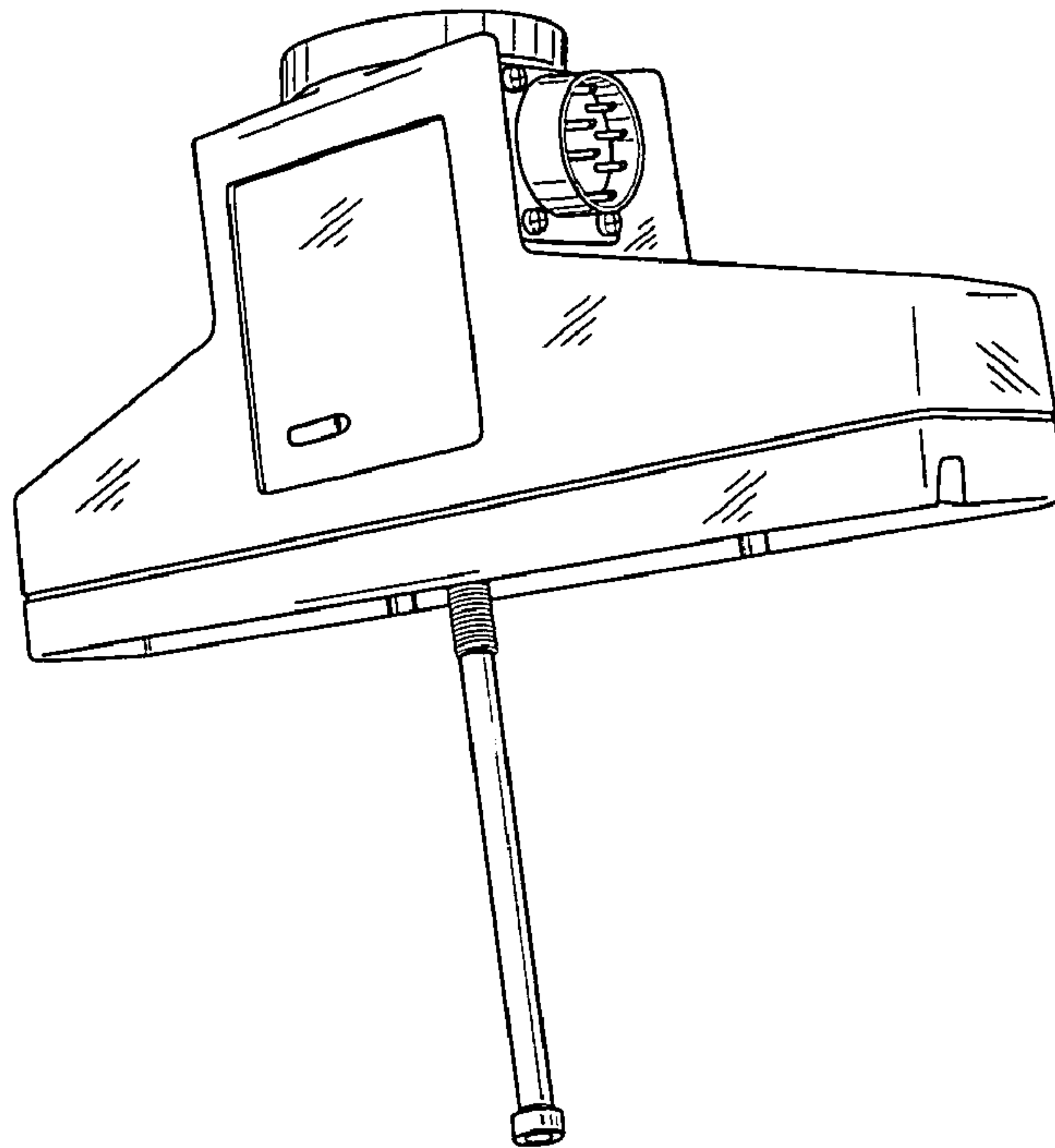


FIG. 2

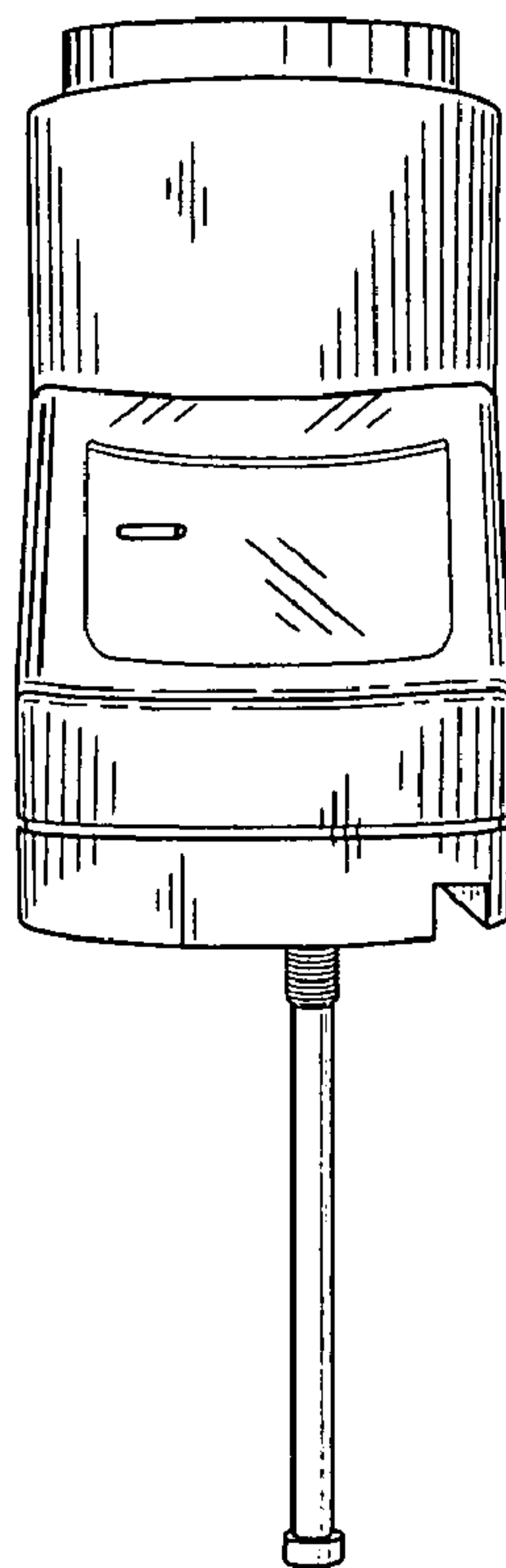


FIG. 3

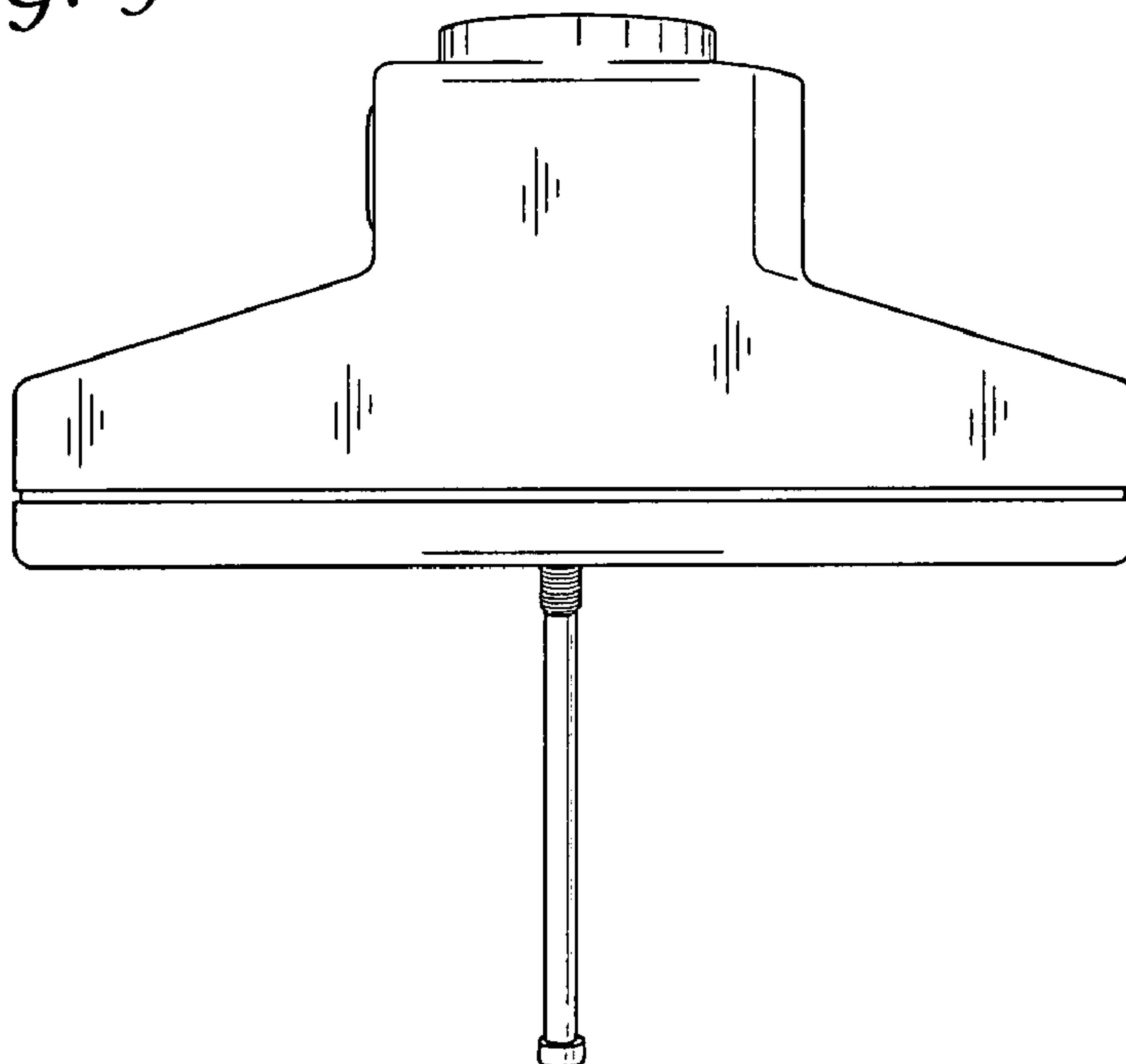


FIG. 4

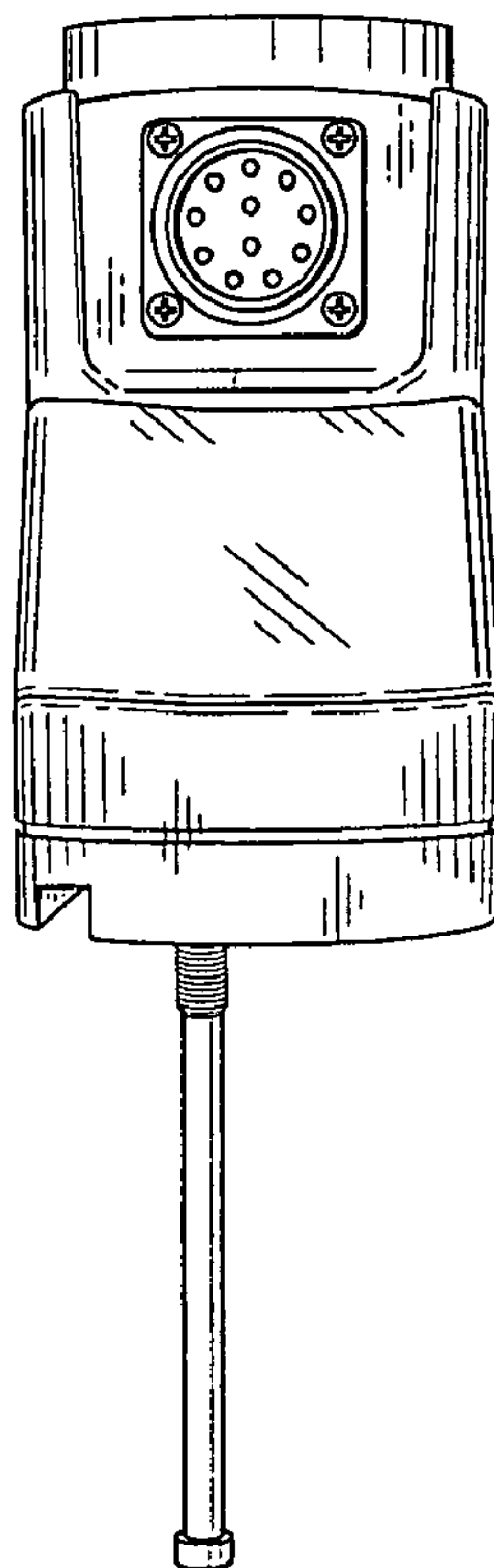


FIG. 5

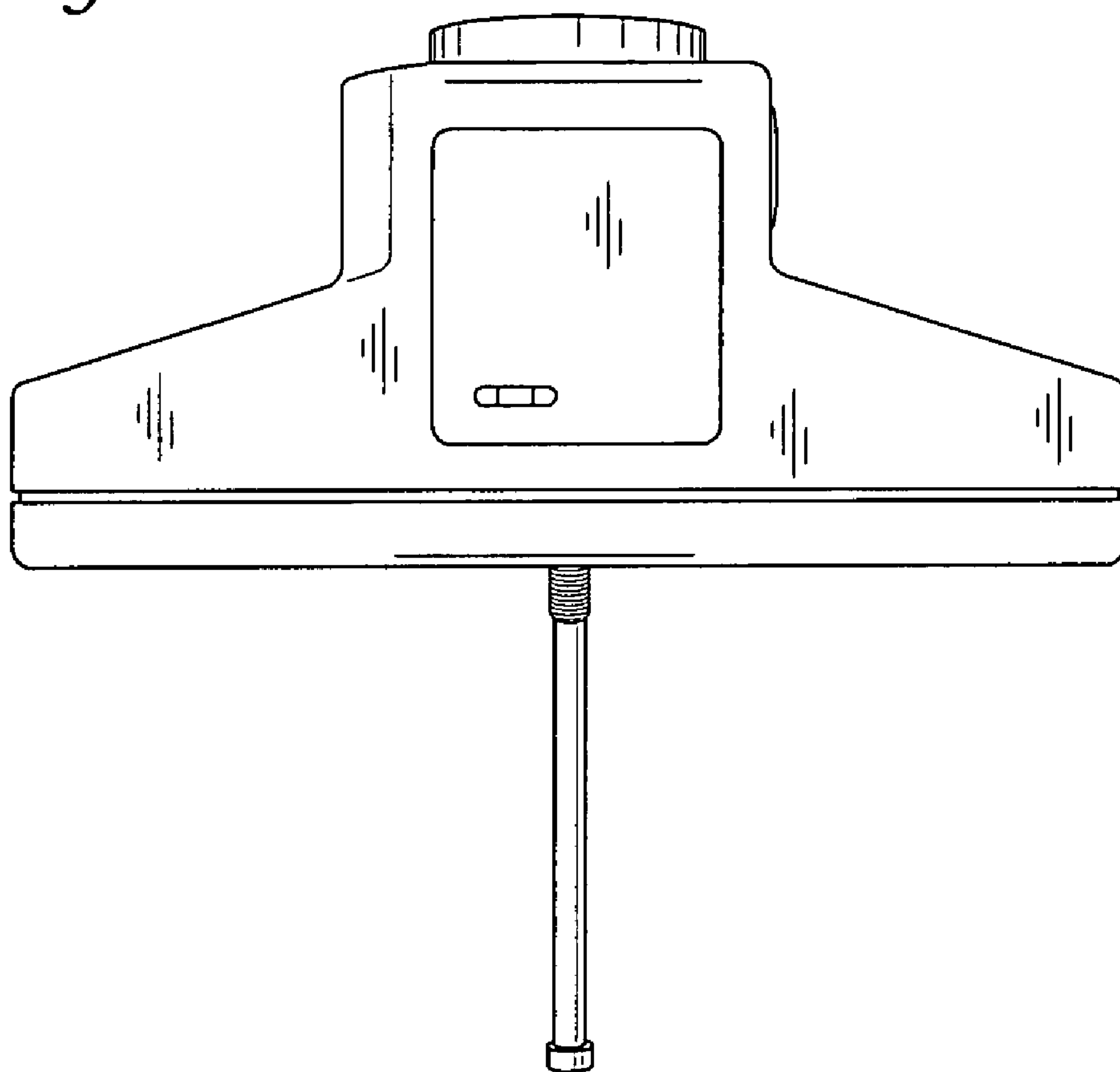


FIG. 6

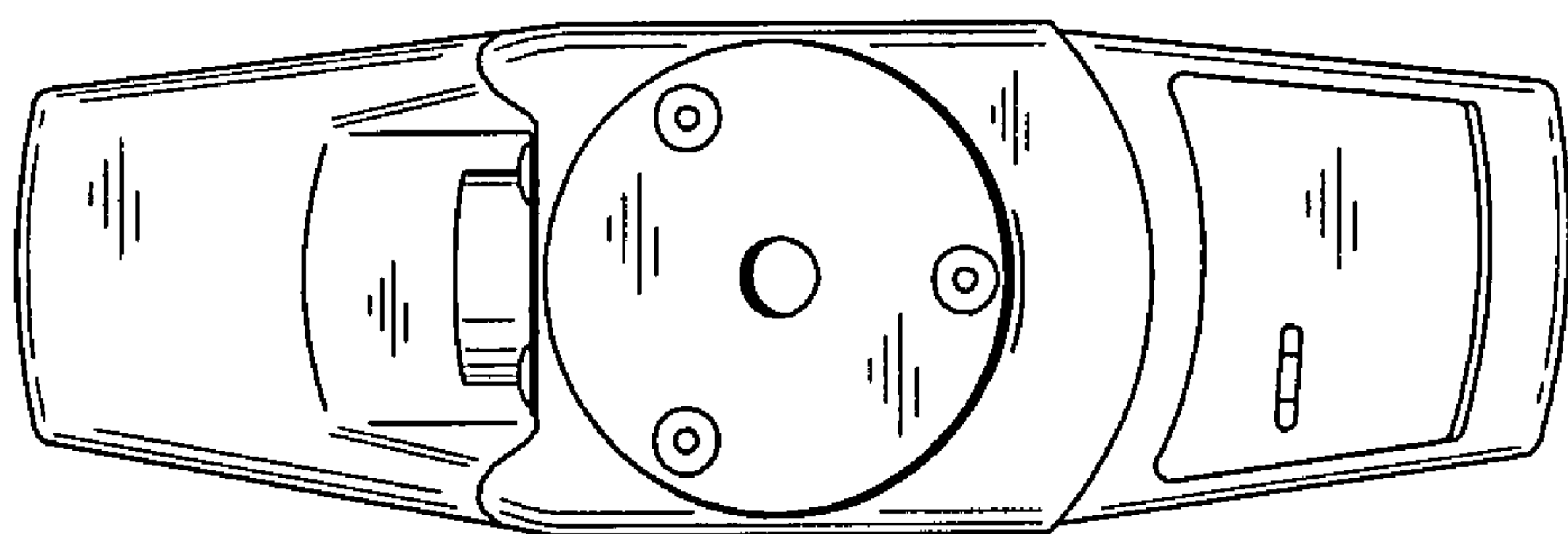


FIG. 7

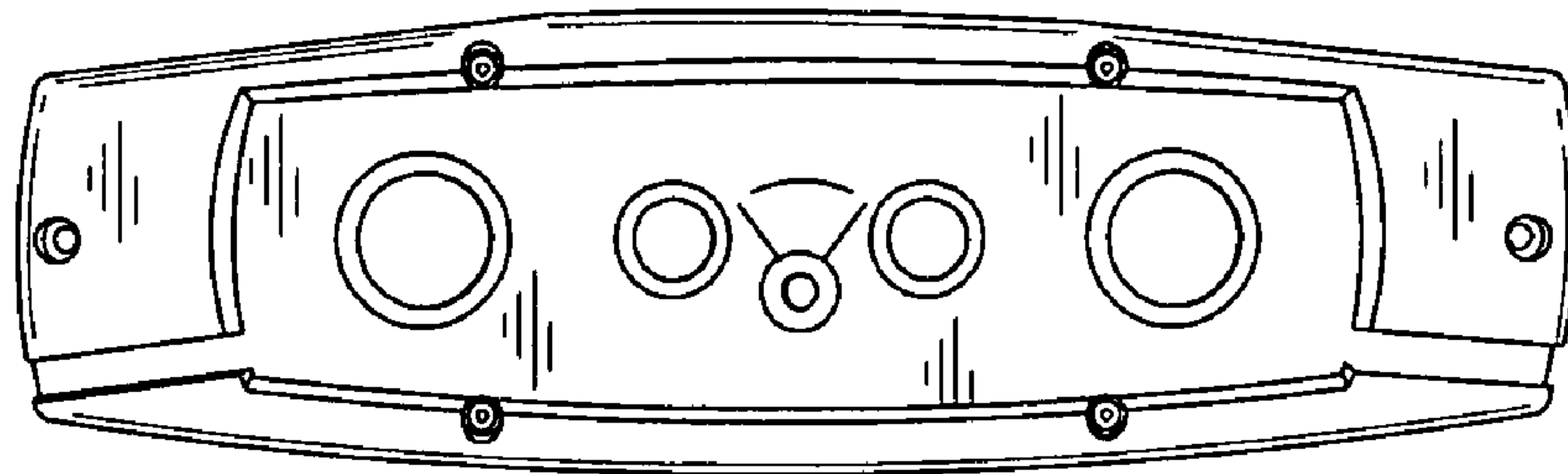


FIG. 8

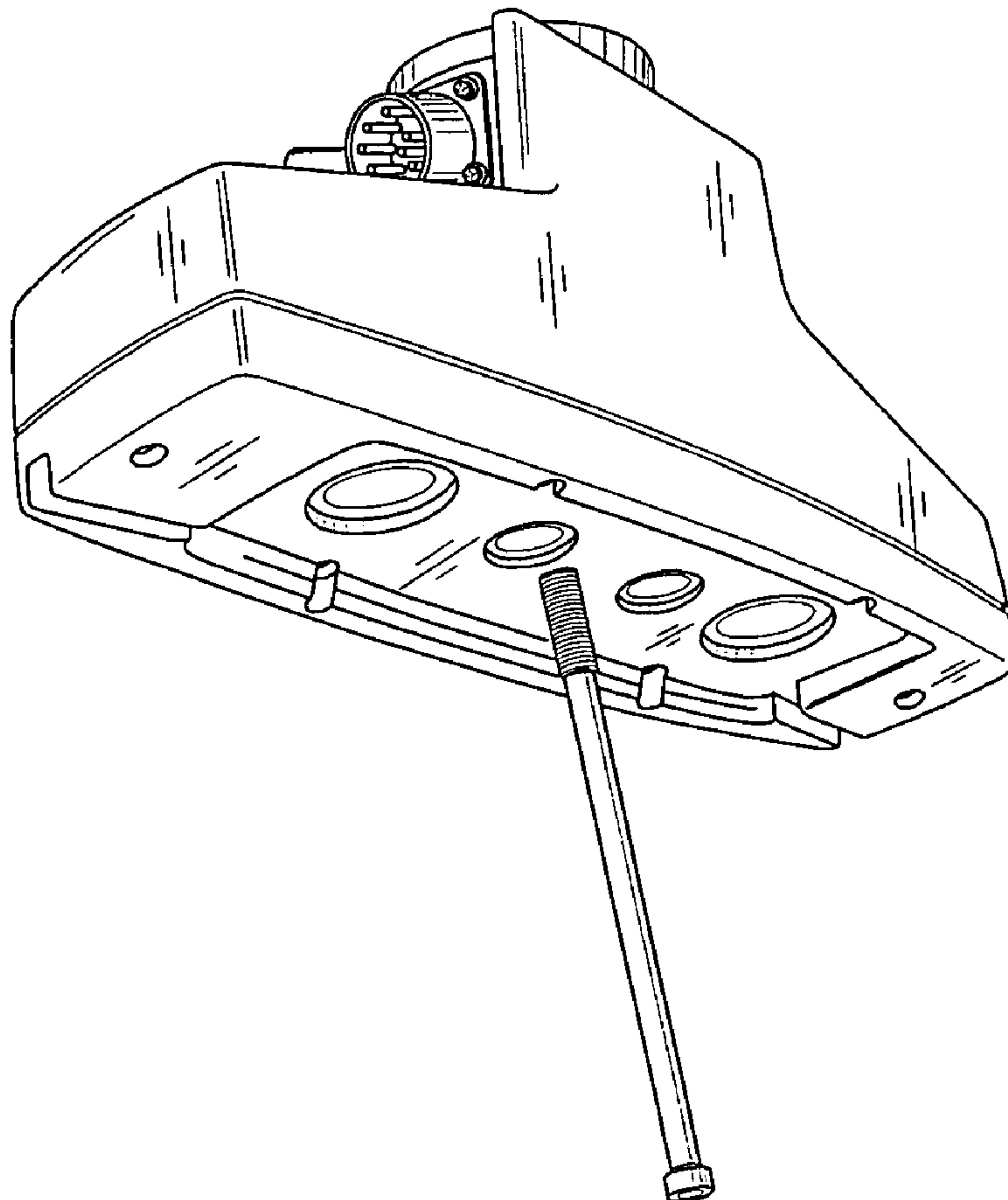


FIG. 9

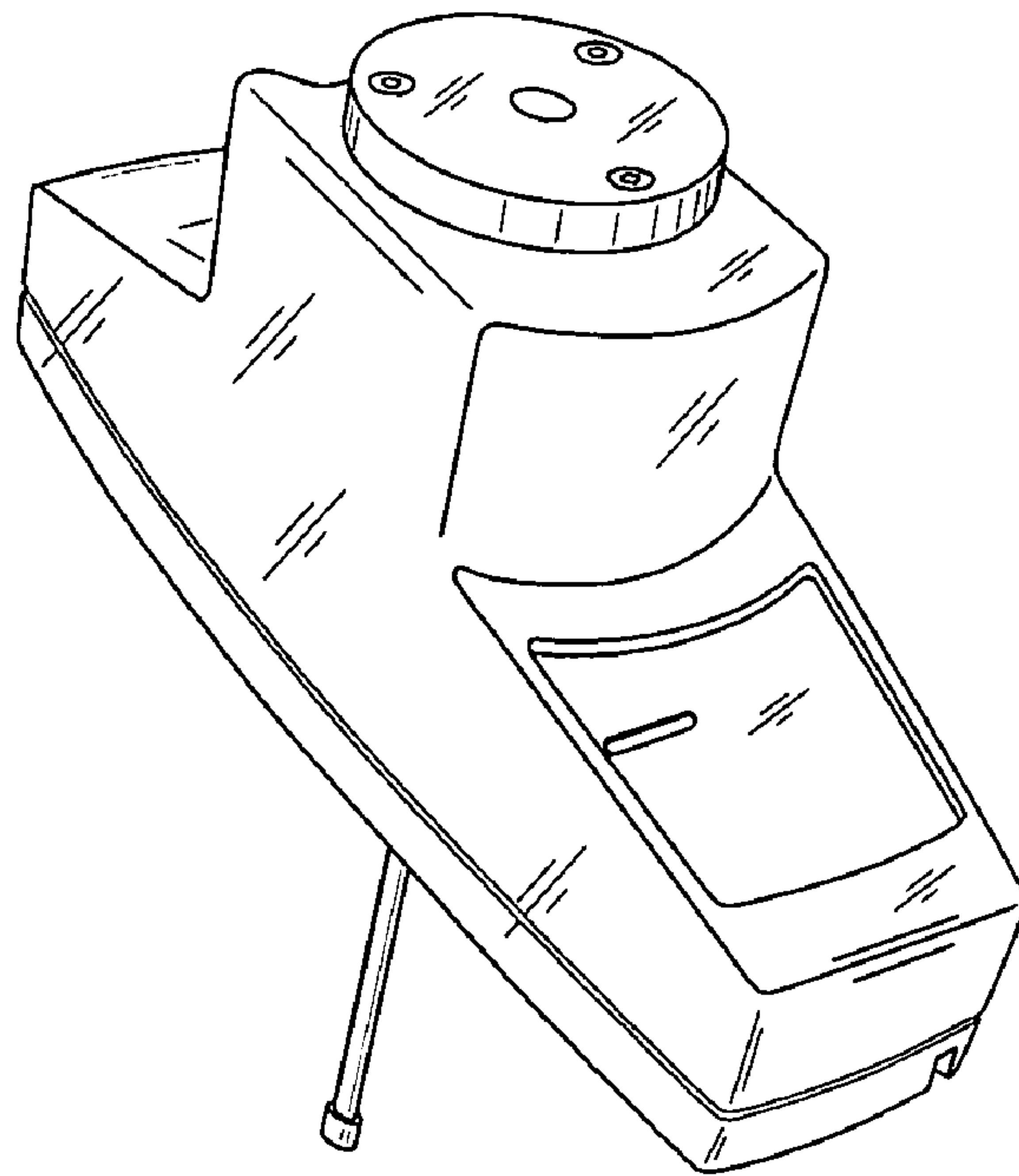


FIG. 10

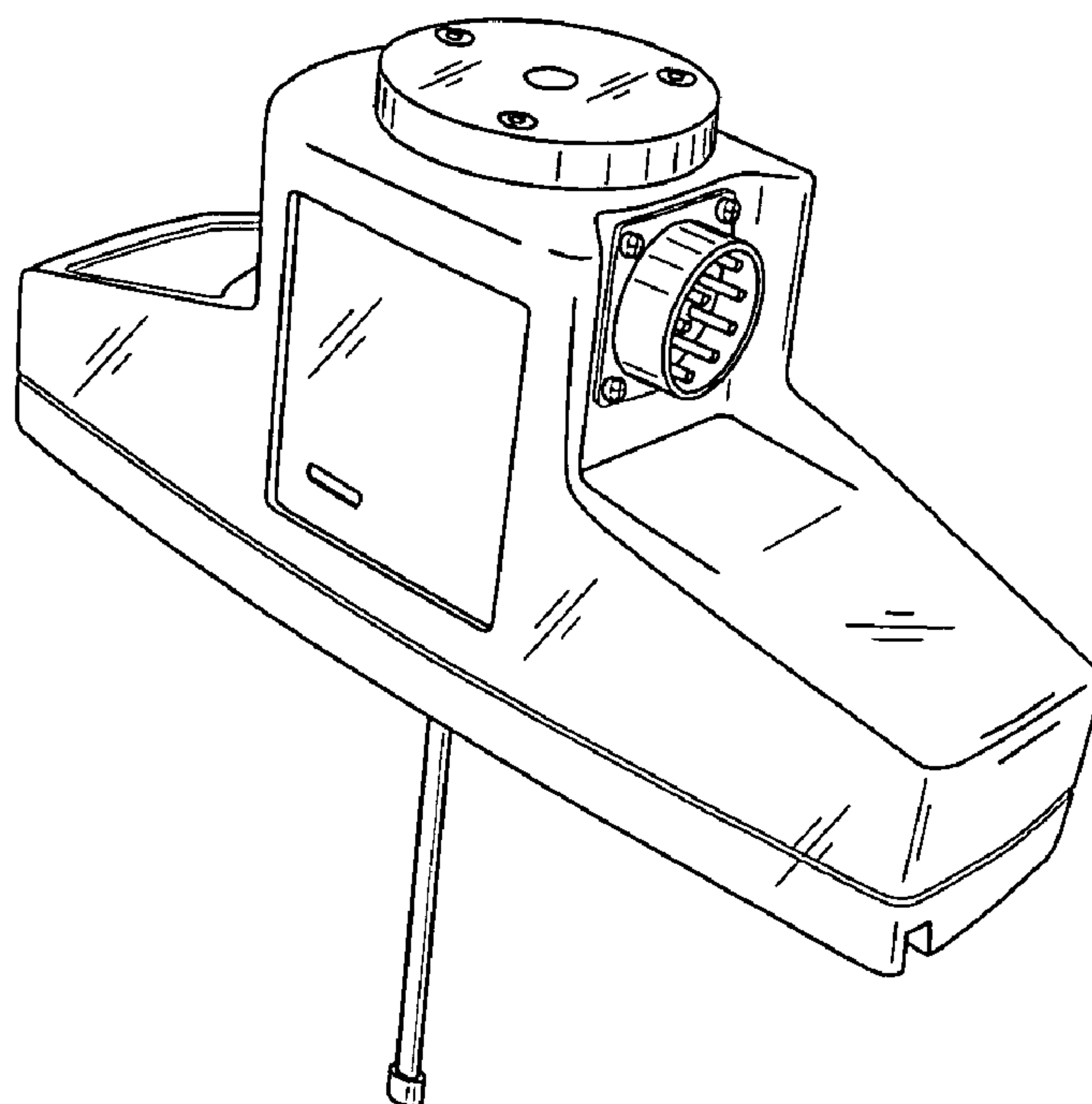


FIG. 11

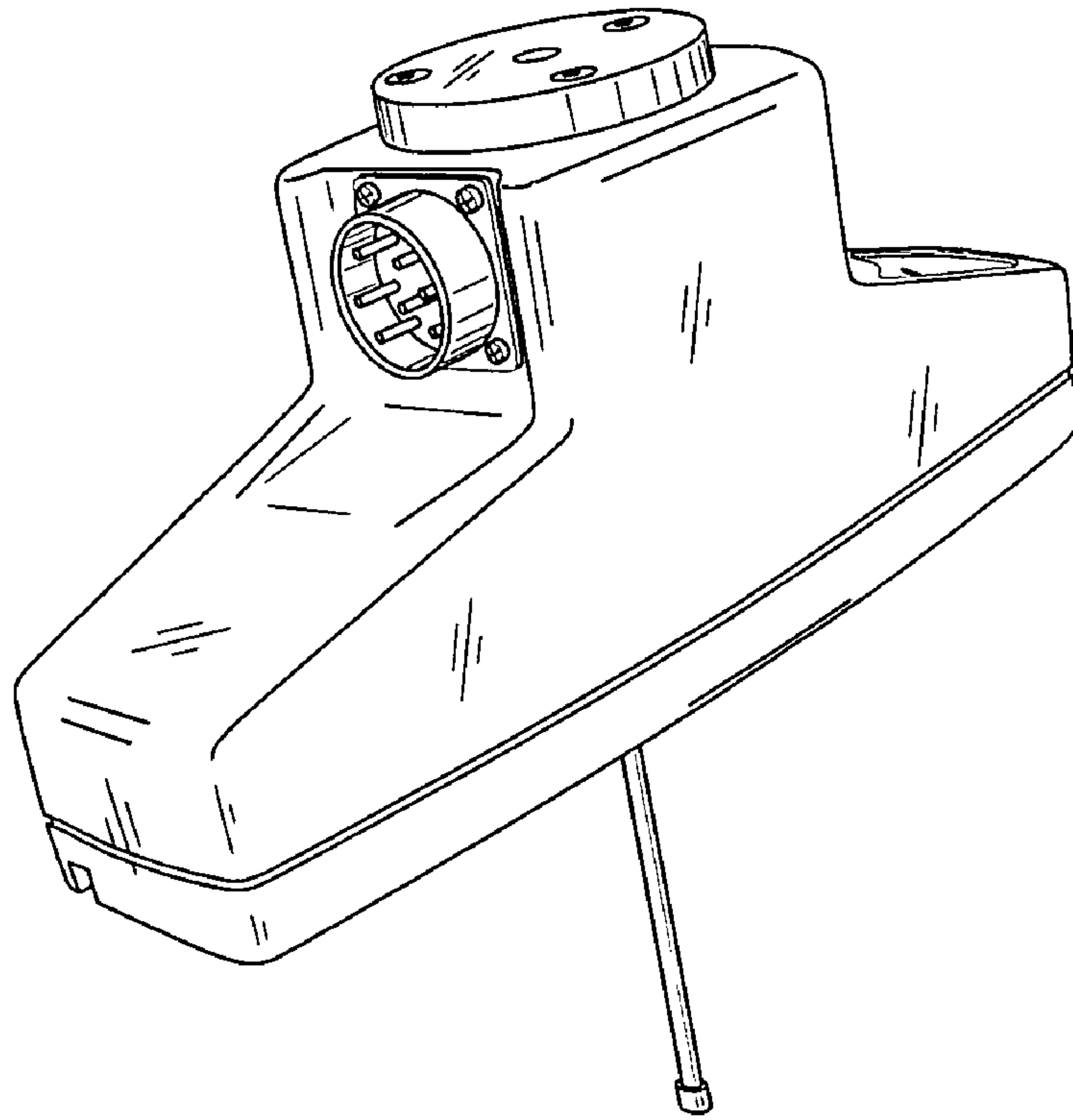


FIG. 12

