



US00D461771S

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

(10) **Patent No.:** **US D461,771 S**

(45) **Date of Patent:** **** Aug. 20, 2002**

(54) **ELECTRICAL CONNECTOR**

(75) Inventors: **QiJun Zhao; ZiQiang Zhu; JinKui Hu**, all of Kunsan (CN)

(73) Assignee: **Hon Hai Precision Ind. Co., Ltd.**, Taipei Hsien (TW)

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

(21) Appl. No.: **29/150,773**

(22) Filed: **Nov. 28, 2001**

(51) **LOC (7) Cl.** **13-03**

(52) **U.S. Cl.** **D13/133**

(58) **Field of Search** D13/146, 133,
D13/147; 439/188, 668, 669, 488-490,
541.5

(56) **References Cited**

U.S. PATENT DOCUMENTS

- 3,887,803 A * 6/1975 Savage, Jr. 362/363
- 4,065,198 A * 12/1977 Jordan 439/56
- 5,075,518 A * 12/1991 Matsumoto 439/188 X
- 5,393,249 A * 2/1995 Morgenstern et al. 439/668

- 5,764,043 A * 6/1998 Czosnowski et al. ... 439/490 X
- 5,797,768 A * 8/1998 Francaviglia 439/567
- D431,528 S * 10/2000 Zhu et al. D13/133
- D435,015 S * 12/2000 Wang D13/133
- 6,227,904 B1 * 5/2001 Wang et al. 439/541.5
- D447,116 S * 8/2001 Zhu et al. D13/133
- 6,280,245 B1 * 8/2001 Han 439/541.5

* cited by examiner

Primary Examiner—Joel Sincavage

(74) *Attorney, Agent, or Firm*—Wei Te Chung

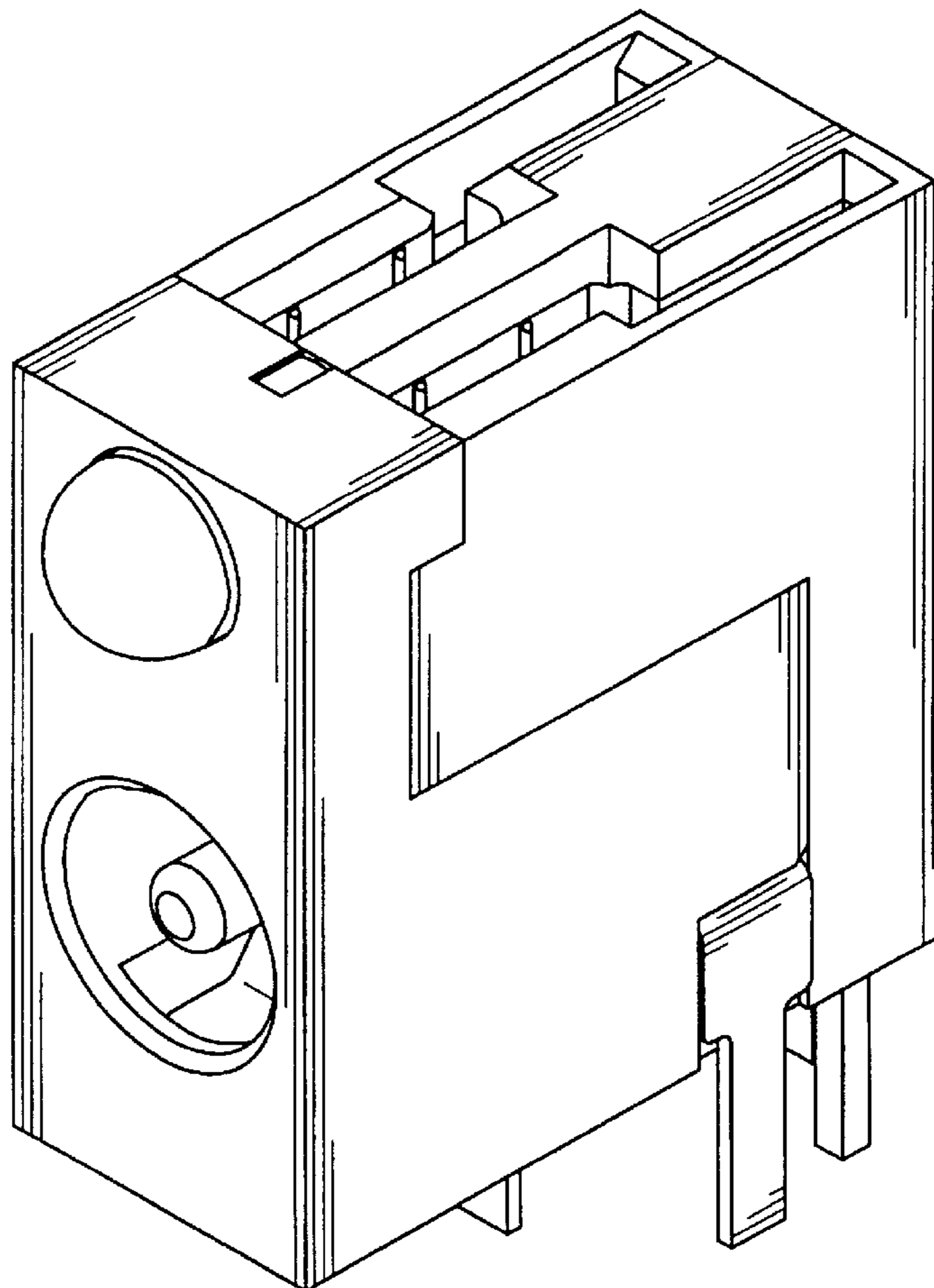
(57) **CLAIM**

The ornamental design for an electrical connector, as shown.

DESCRIPTION

FIG. 1 is a front, top and right side perspective view of an electrical connector showing our new design;
 FIG. 2 is a front elevational view thereof;
 FIG. 3 is a rear elevational view thereof;
 FIG. 4 is a left side elevational view thereof;
 FIG. 5 is a right side elevational view thereof;
 FIG. 6 is a top plan view thereof; and,
 FIG. 7 is a bottom plan view thereof.

1 Claim, 5 Drawing Sheets



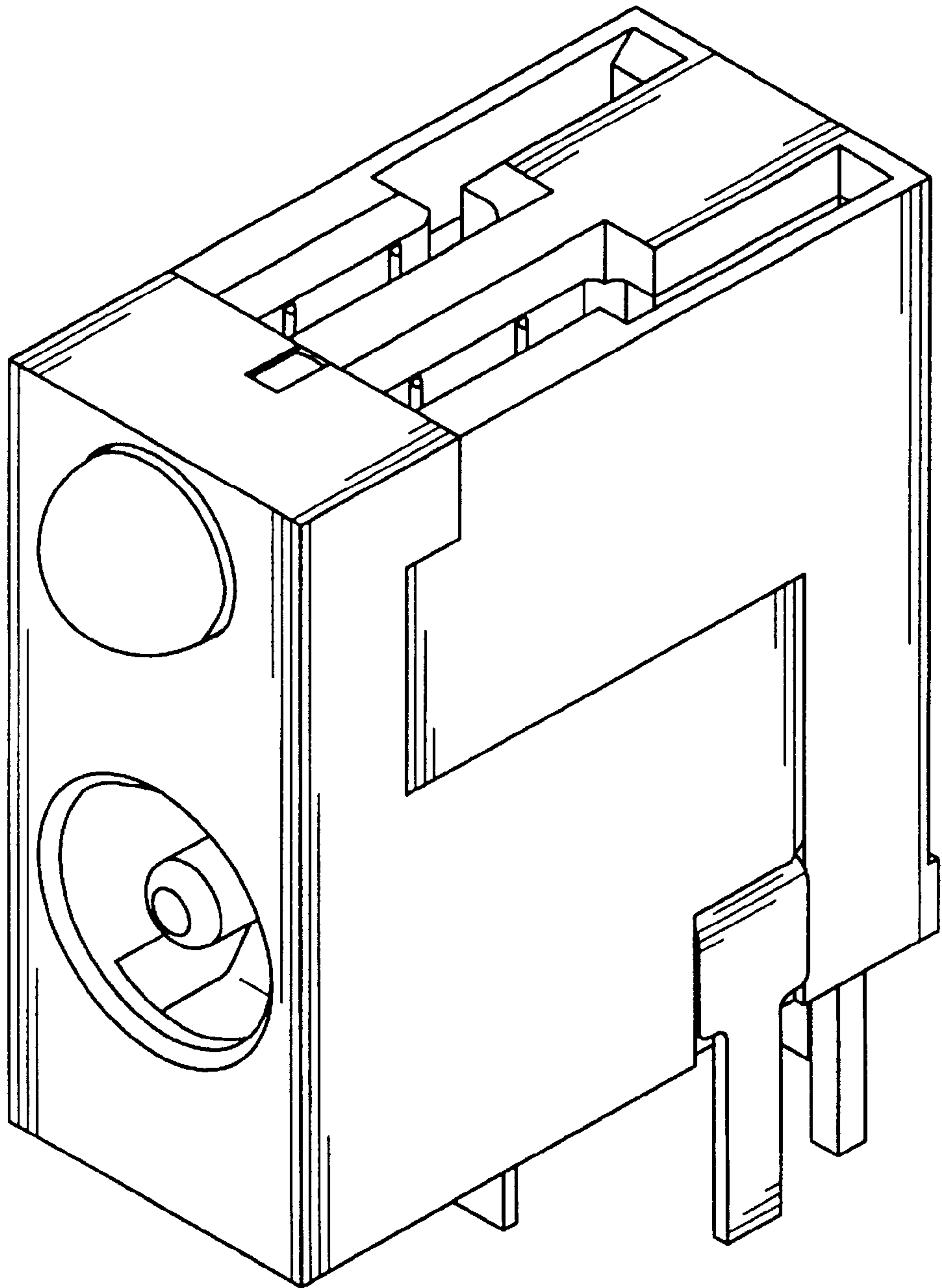


FIG. 1

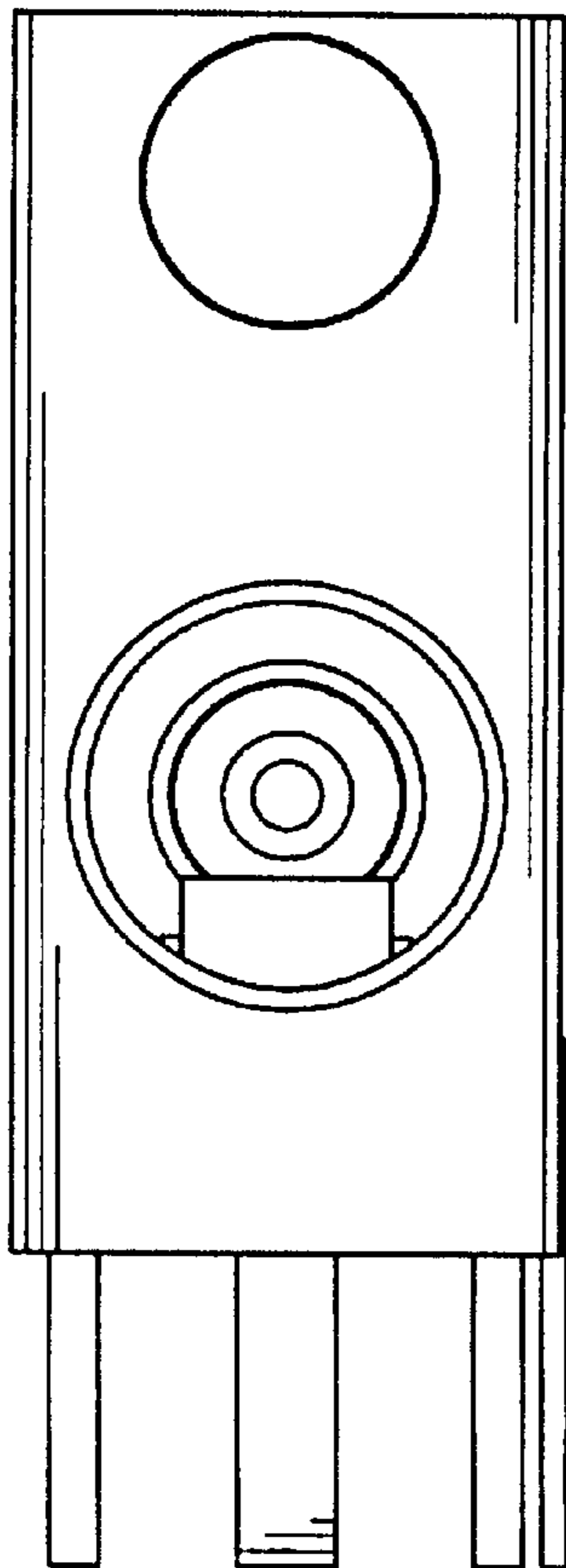


FIG. 2

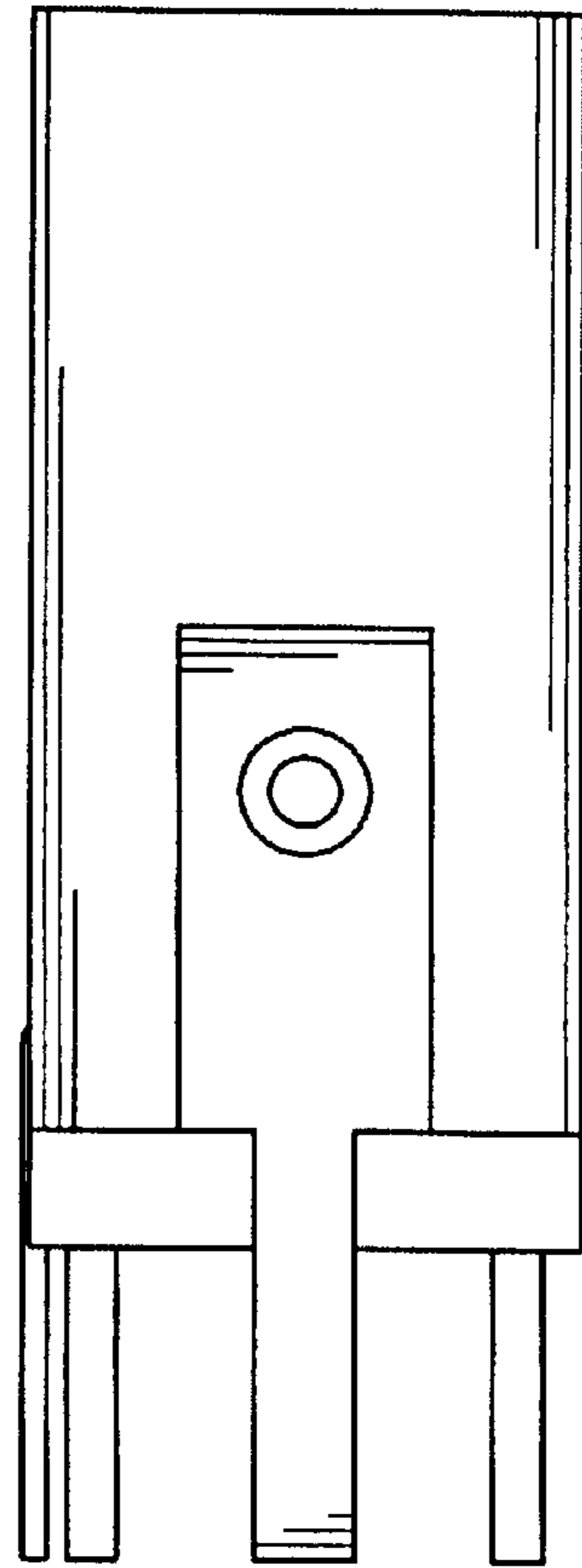


FIG. 3

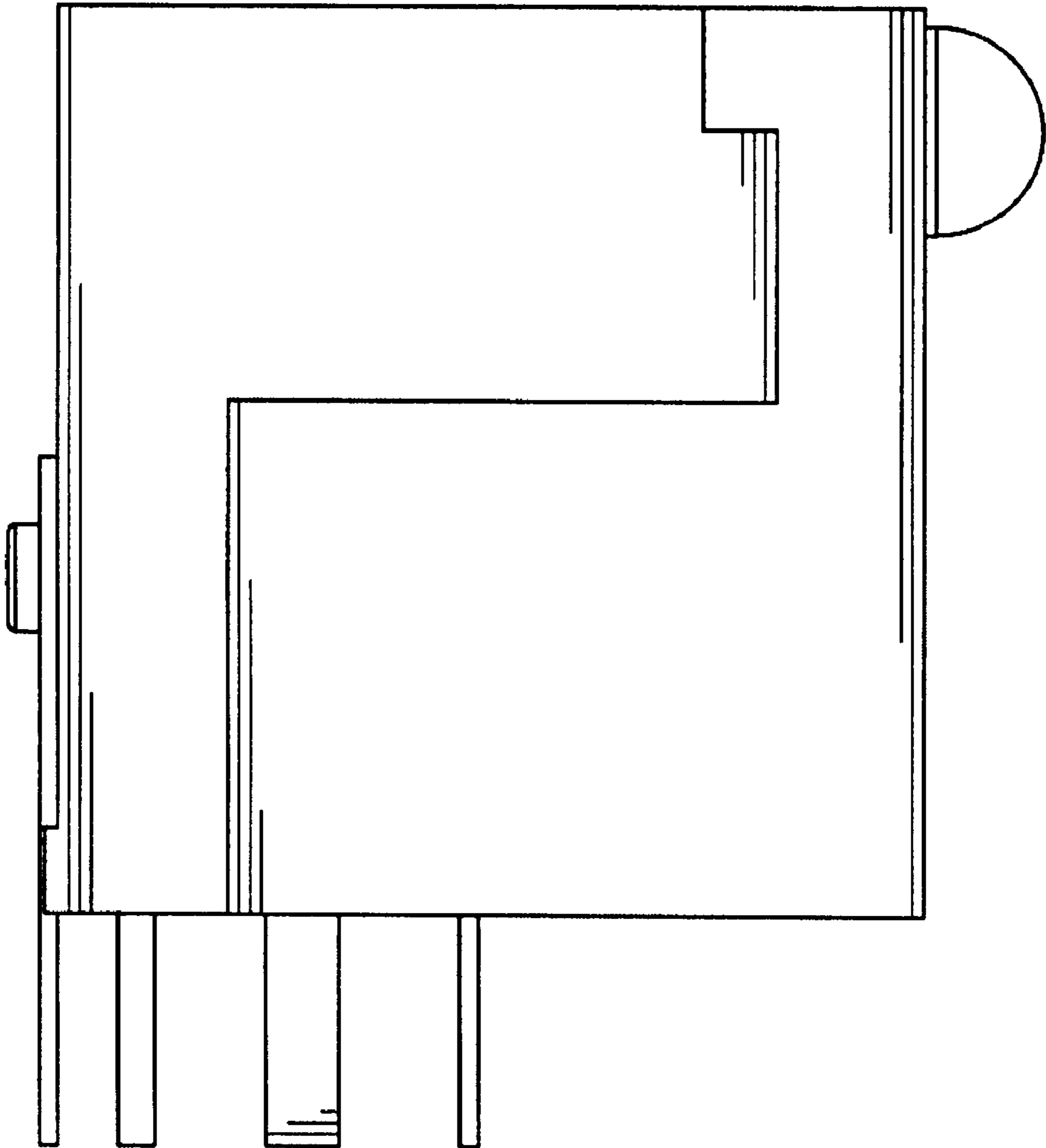


FIG. 4

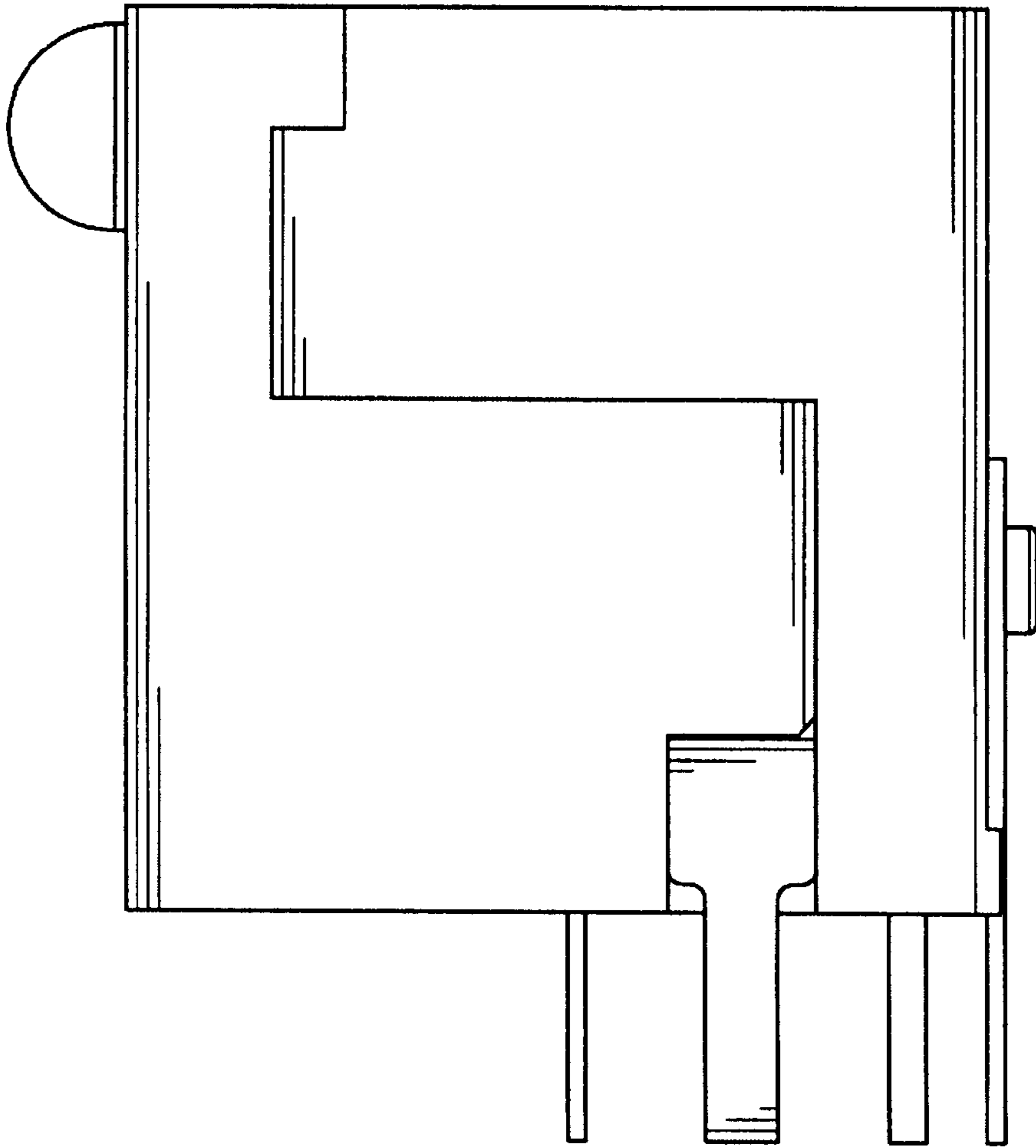


FIG. 5

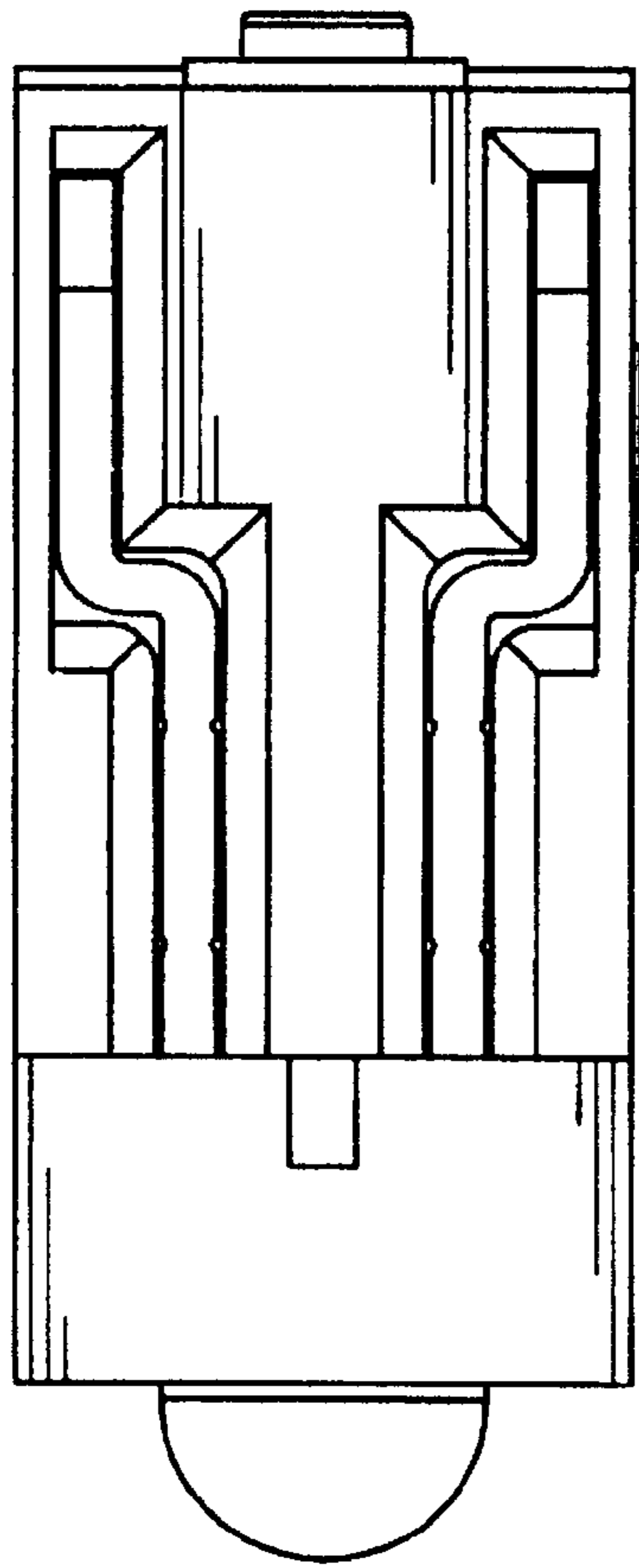


FIG. 6

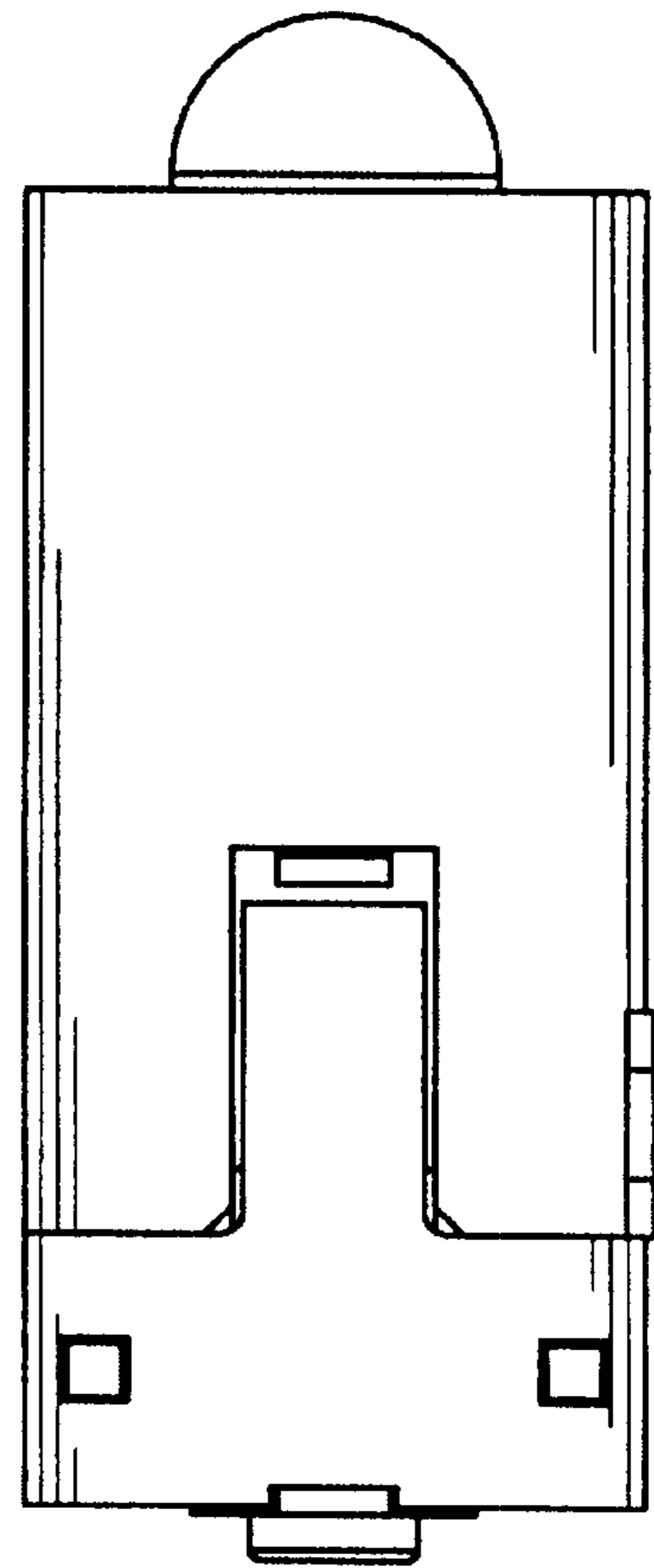


FIG. 7