

US00D531966S

(12) **United States Design Patent** (10) **Patent No.:** **US D531,966 S**  
**Inoue** (45) **Date of Patent:** **\*\* Nov. 14, 2006**

(54) **LIGHT EMITTING DIODE**

2005/0121688 A1 \* 6/2005 Nagai et al. .... 257/99

(75) Inventor: **Tomio Inoue**, Kyoto (JP)

FOREIGN PATENT DOCUMENTS

(73) Assignee: **Rohm Co., Ltd.**, Kyoto (JP)

KR 30-0353996 7/2004  
TW 581547 3/2004

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

\* cited by examiner

(21) Appl. No.: **29/227,035**

*Primary Examiner*—Stella Reid

*Assistant Examiner*—Selina Sikder

(22) Filed: **Apr. 6, 2005**

(74) *Attorney, Agent, or Firm*—Rabin & Berdo, PC

(30) **Foreign Application Priority Data**

(57) **CLAIM**

Oct. 18, 2004 (JP) ..... 2004-031570

We claim the ornamental design for a light emitting diode, substantially as shown and described.

(51) **LOC (8) Cl.** ..... **13-03**

(52) **U.S. Cl.** ..... **D13/180**

(58) **Field of Classification Search** ..... D13/180;  
D26/2; 257/79, 80, 81, 82, 88, 89, 95, 98,  
257/99, 100, 433, 434, 666; 313/483, 498,  
313/500; 361/820; 362/235, 555, 800; 372/45  
See application file for complete search history.

**DESCRIPTION**

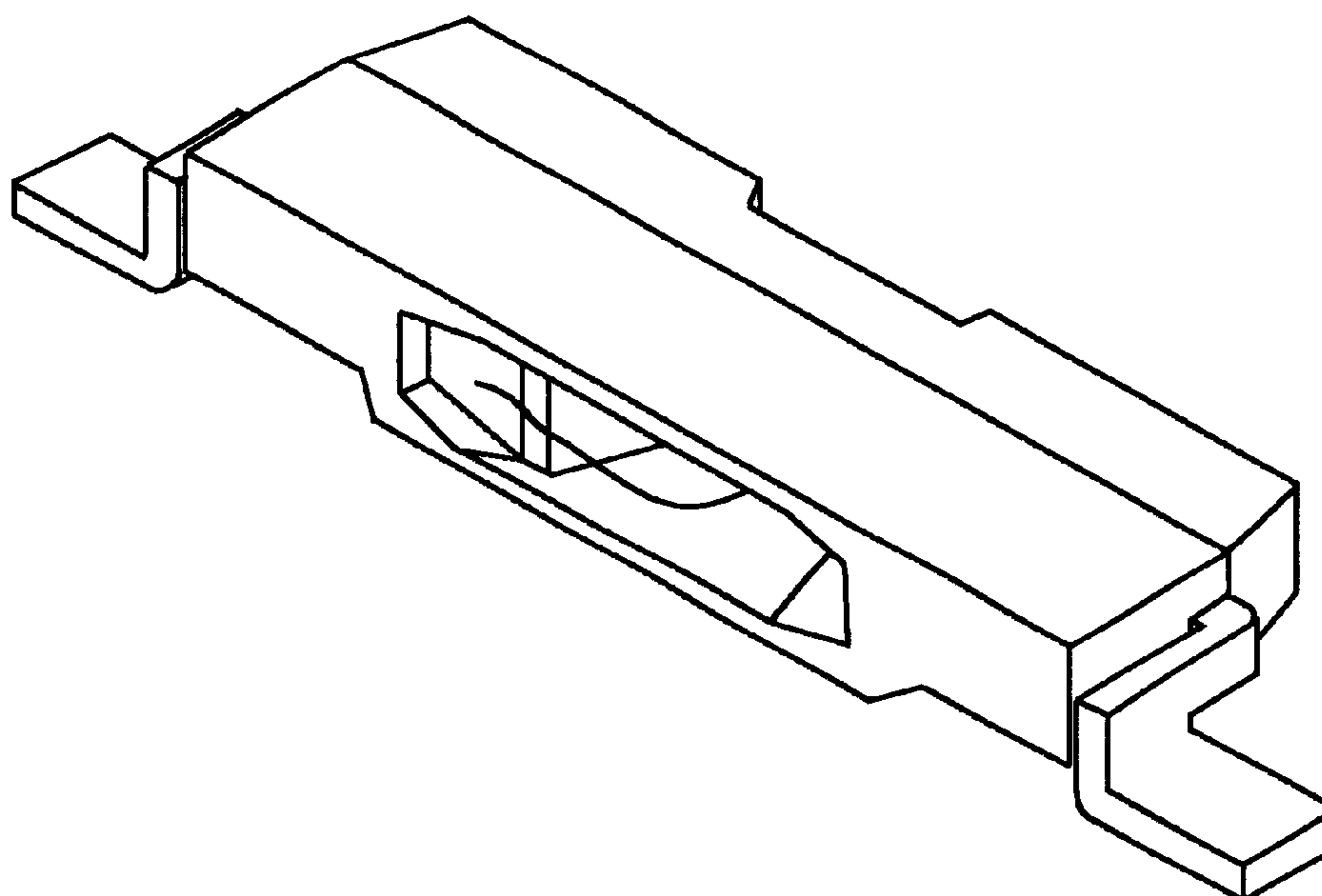
(56) **References Cited**

U.S. PATENT DOCUMENTS

D478,877 S \* 8/2003 Hoshiba ..... D13/182  
D500,292 S \* 12/2004 Ishida ..... D13/180  
D500,294 S \* 12/2004 Ishida ..... D13/180  
D501,831 S \* 2/2005 Ishida ..... D13/180  
6,953,952 B1 \* 10/2005 Asakawa ..... 257/103  
D511,148 S \* 11/2005 Ishida ..... D13/180

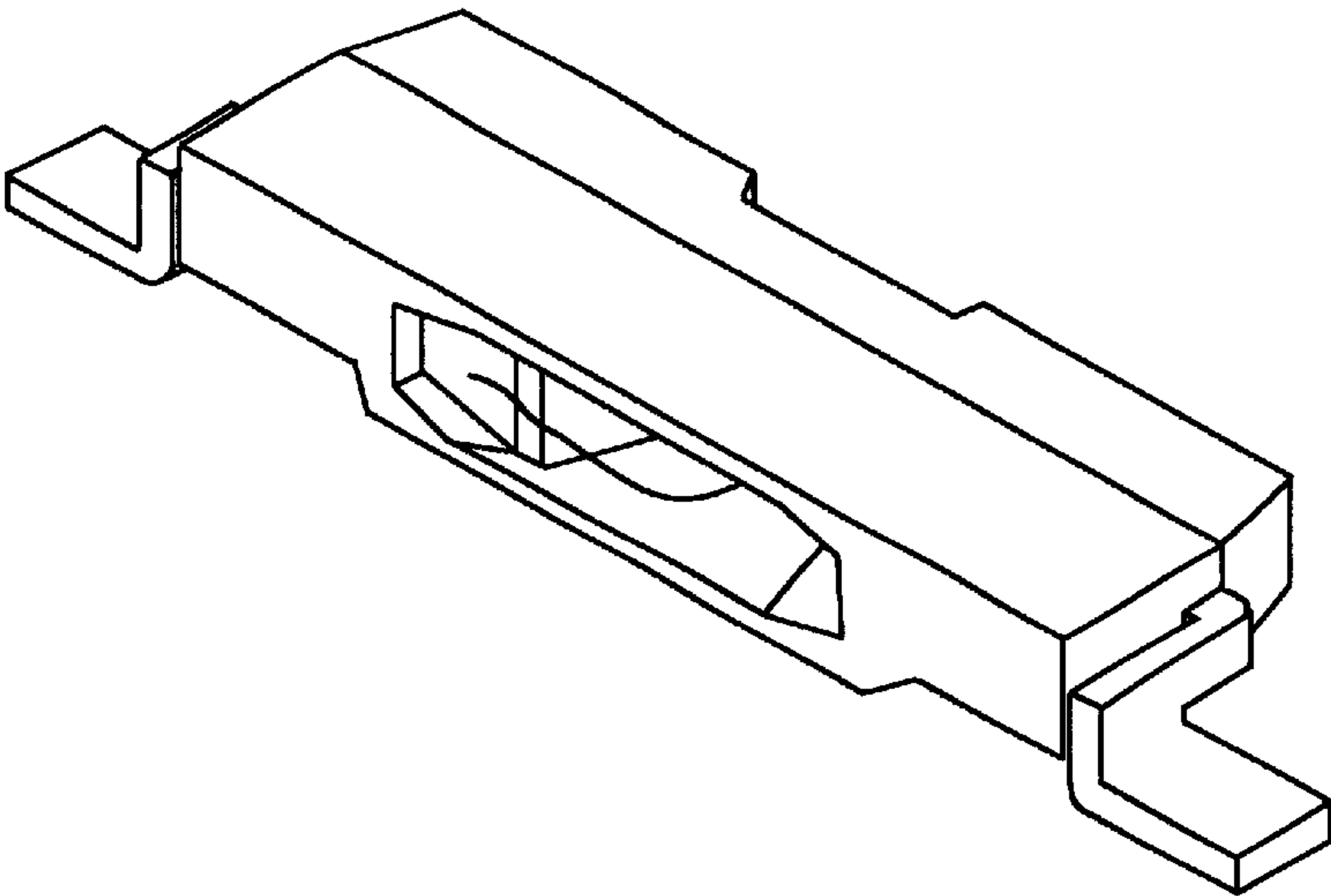
FIG. 1 is a perspective design view of a light emitting diode showing my new design;  
FIG. 2 is a front view thereof;  
FIG. 3 is a rear view thereof;  
FIG. 4 is a right side view thereof;  
FIG. 5 is a top plan view thereof;  
FIG. 6 is a bottom plan view thereof;  
FIG. 7 is a sectional plan view of 7—7 line of FIG. 2;  
FIG. 8 is a sectional plan view of 8—8 line of FIG. 2;  
FIG. 9 is a sectional plan view of 9—9 line of FIG. 2;  
FIG. 10 is a sectional plan view of 10—10 line of FIG. 2.

**1 Claim, 3 Drawing Sheets**

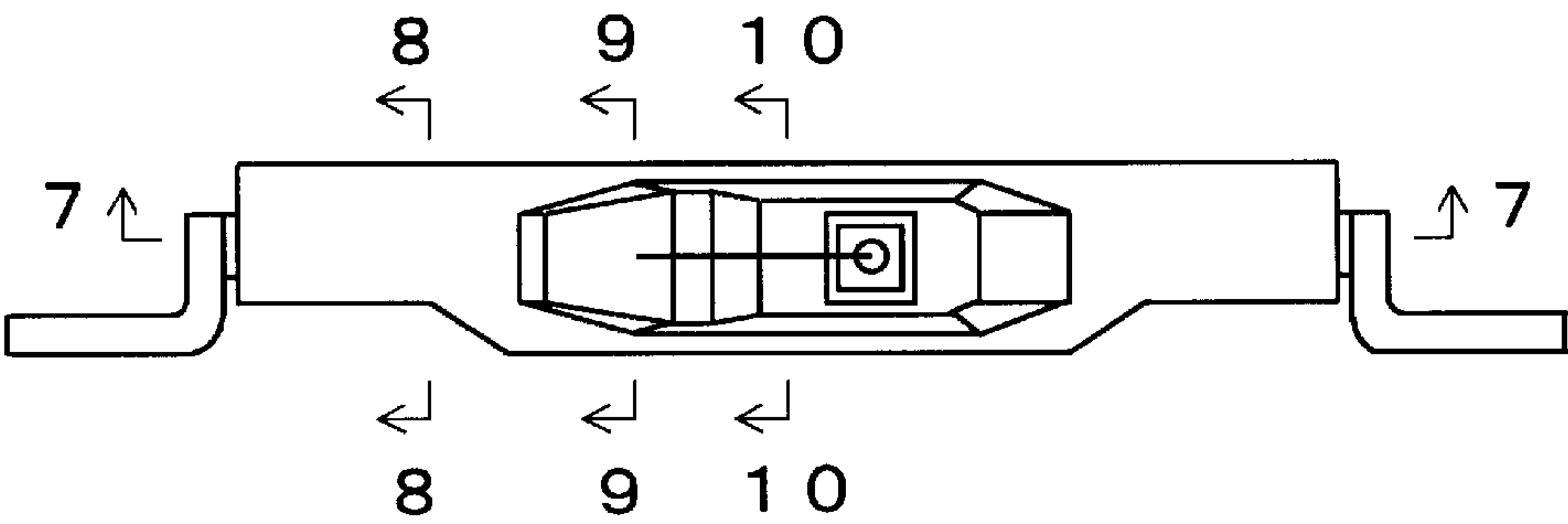




F I G. 1



F I G. 2



F I G. 3

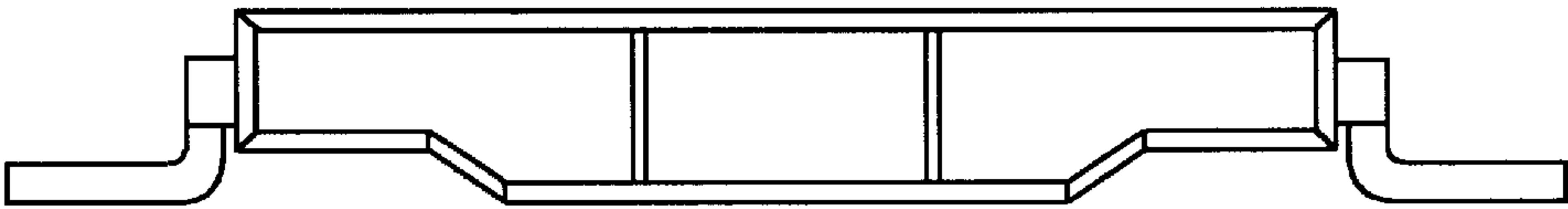




FIG. 4

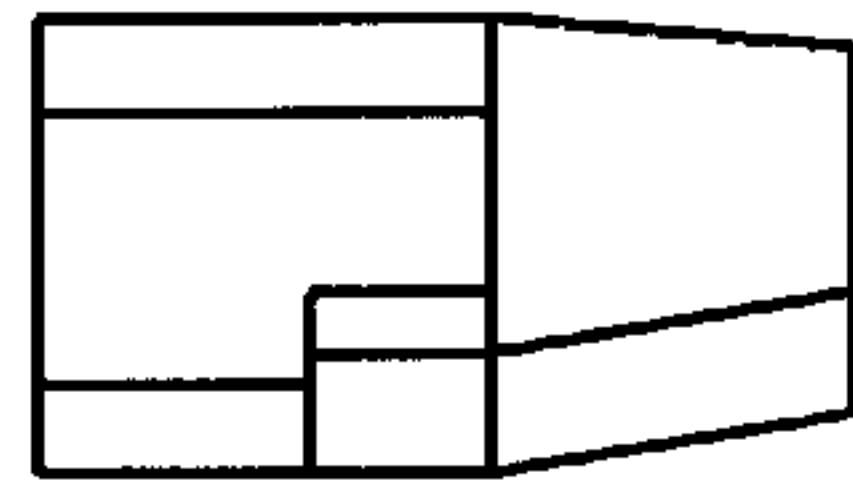


FIG. 5

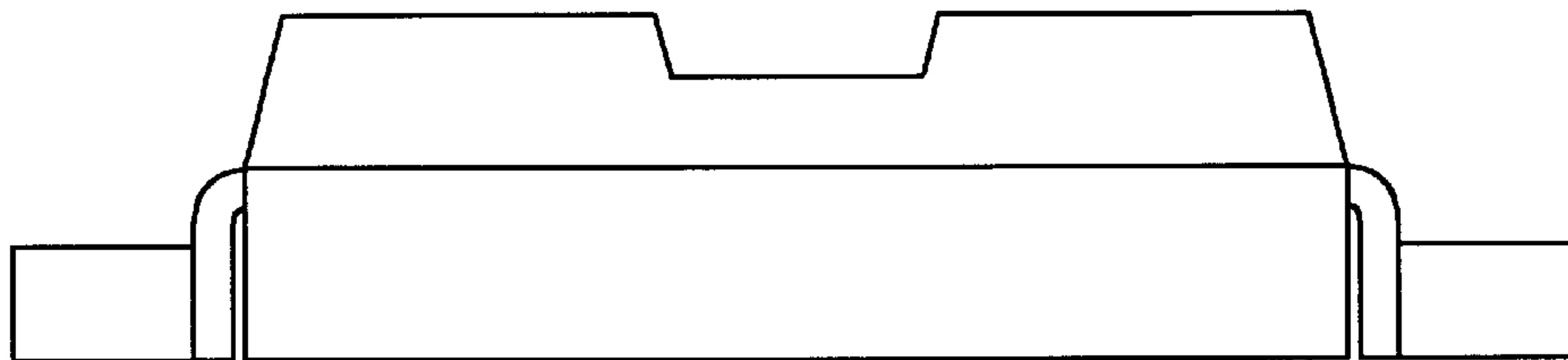


FIG. 6

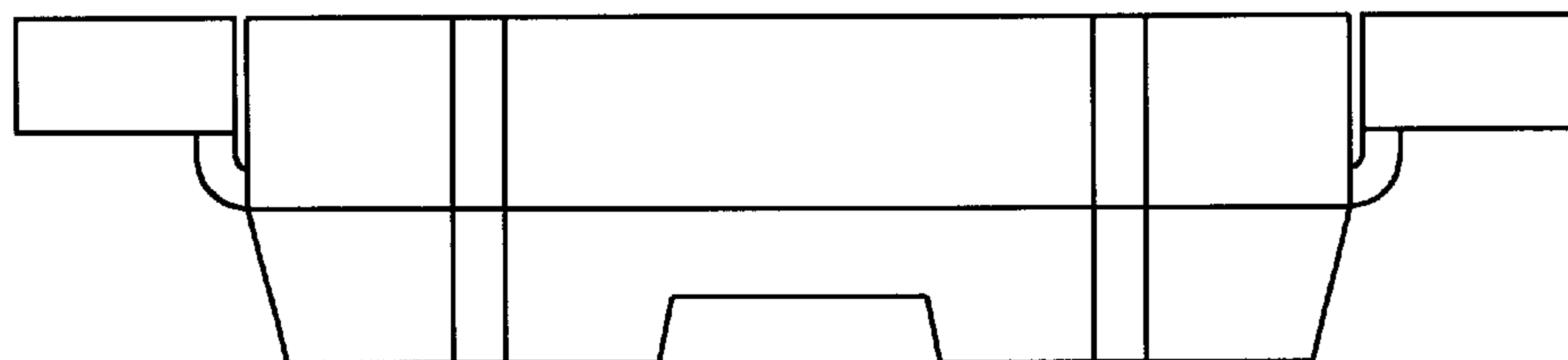


FIG. 7

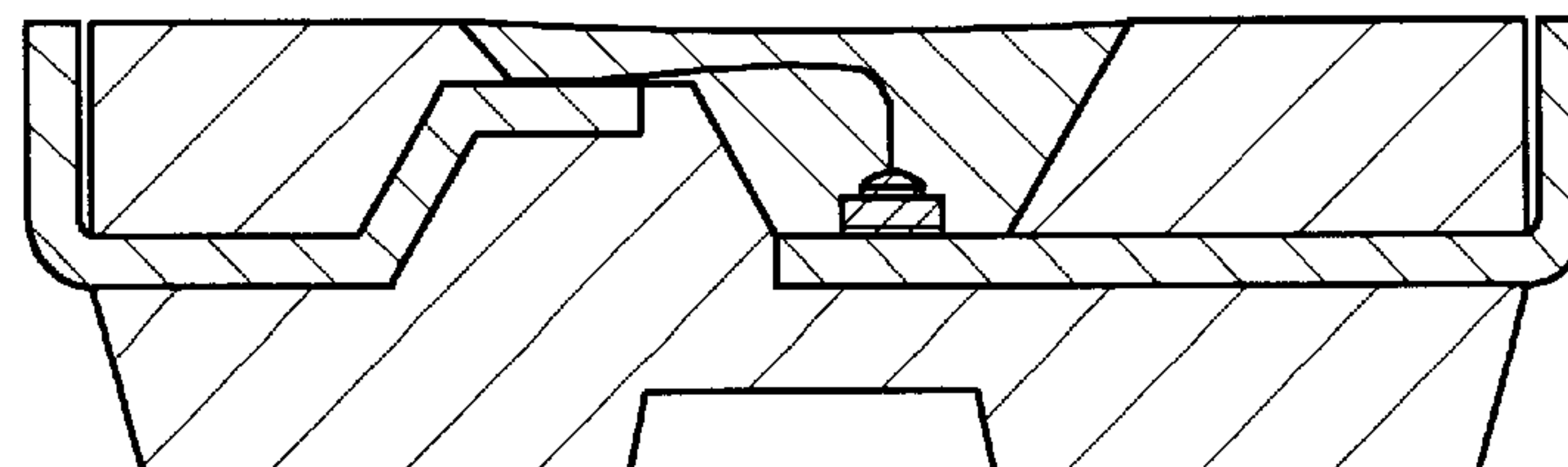




FIG. 8

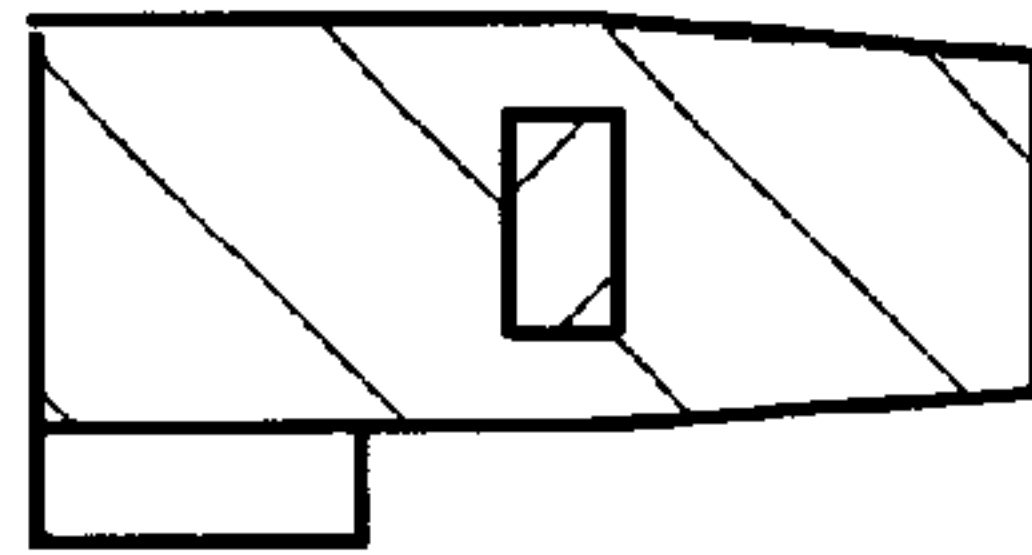


FIG. 9

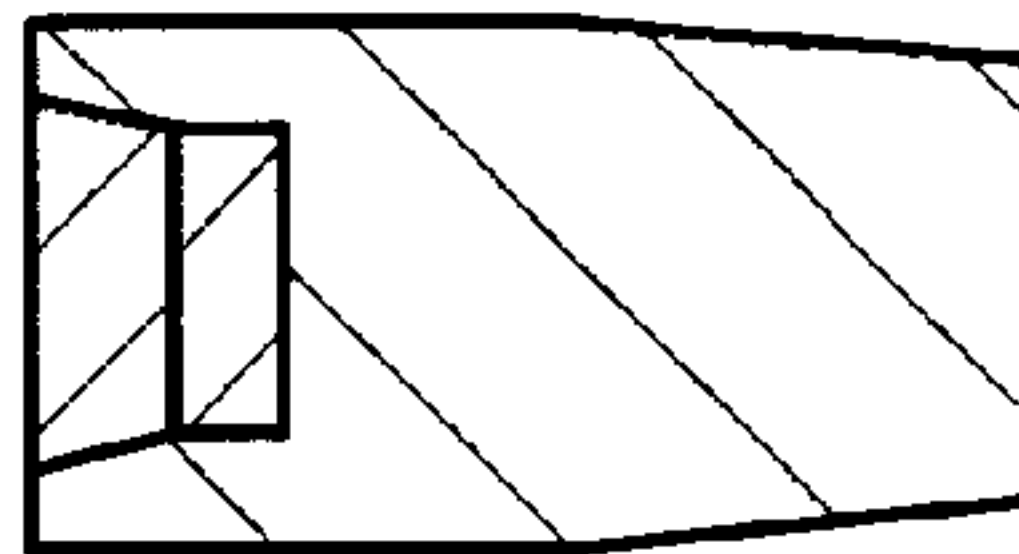


FIG. 10

