



US00D477580S

(12) **United States Design Patent** (10) **Patent No.:** **US D477,580 S**
Kamada (45) **Date of Patent:** **** Jul. 22, 2003**

(54) **LIGHT EMITTING DIODE**

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(73) Assignee: **Nichia Corporation**, Anan (JP)

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

(21) Appl. No.: **29/164,203**

(22) Filed: **Jul. 22, 2002**

(30) **Foreign Application Priority Data**

Jan. 30, 2002	(JP)	2002-001973
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Jan. 30, 2002	(JP)	2002-001975
Jan. 30, 2002	(JP)	2002-001976

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

(52) **U.S. Cl.** **D13/182**

(58) **Field of Search** D10/104, 106;
D13/180, 182; D26/2, 37; 257/88, 89, 93-96;
313/161; 345/39, 82, 84; 361/820; 362/800

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(57) **CLAIM**

I claim the ornamental design for the light emitting diode, as shown and described.

DESCRIPTION

FIG. 1 is a perspective view of a LED having a LED chip and showing my new design;

FIG. 2 is a plan view of the LED having a LED chip according to the embodiment of FIG. 1;

FIG. 3 is a left view of the LED according to the embodiment of FIG. 1;

FIG. 4 is a front elevational view of the LED according to the embodiment of FIG. 1;

FIG. 5 is a right view of the LED according to the embodiment of FIG. 1;

FIG. 6 is a bottom plan view of the LED according to the embodiment of FIG. 1;

FIG. 7 is a rear view of the LED according to the embodiment of FIG. 1;

FIG. 8 is a perspective view of the LED according to another embodiment of my new design;

FIG. 9 is a plan view of the LED according to the embodiment of FIG. 8;

FIG. 10 is a left view of the LED according to the embodiment of FIG. 8;

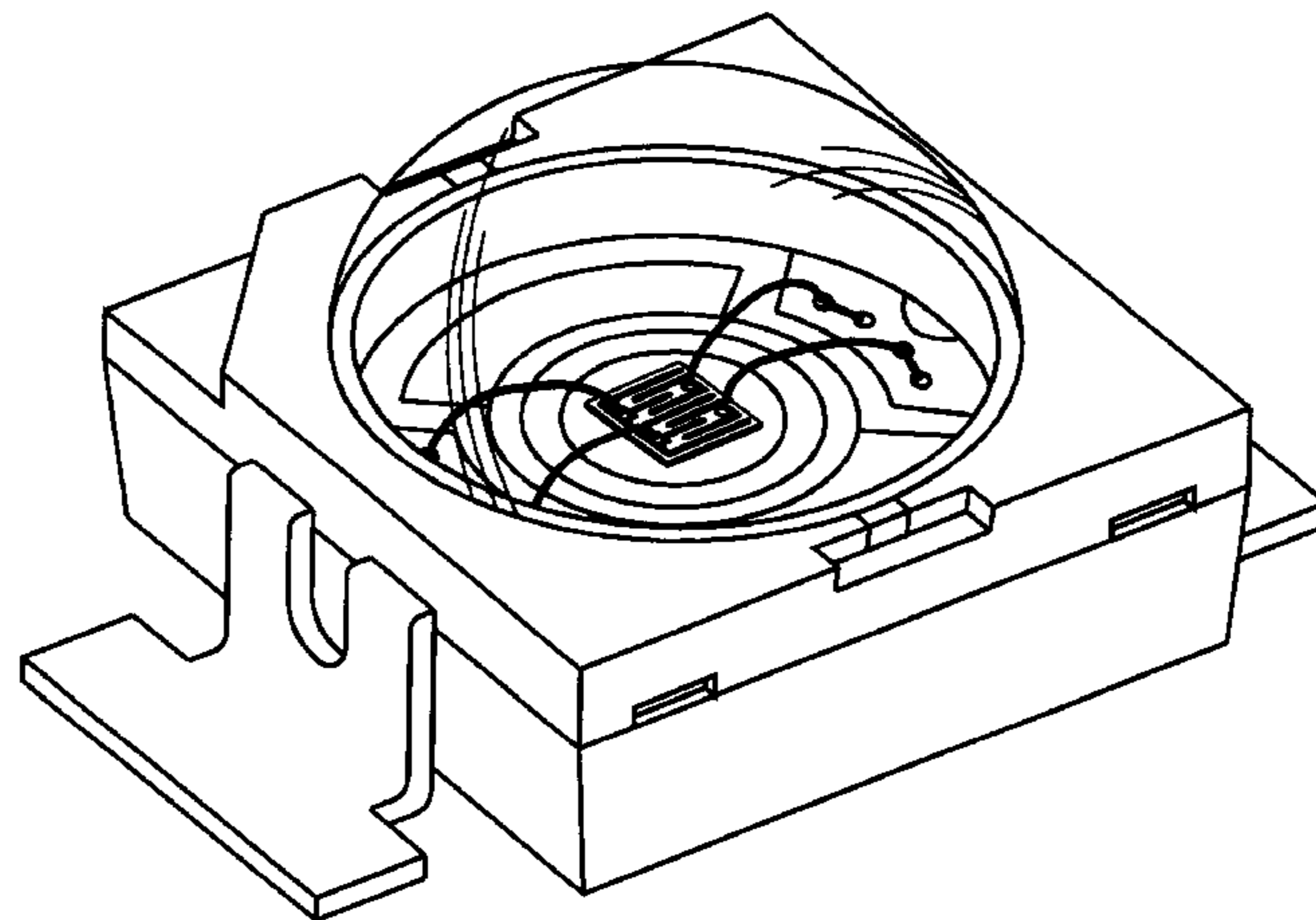
FIG. 11 is a front elevational view of the LED according to the embodiment of FIG. 8;

FIG. 12 is a right view of the LED according to the embodiment of FIG. 8;

FIG. 13 is a bottom plan view of the LED according to the embodiment of FIG. 8; and,

FIG. 14 is a rear view of the LED according to the embodiment of FIG. 8.

1 Claim, 4 Drawing Sheets



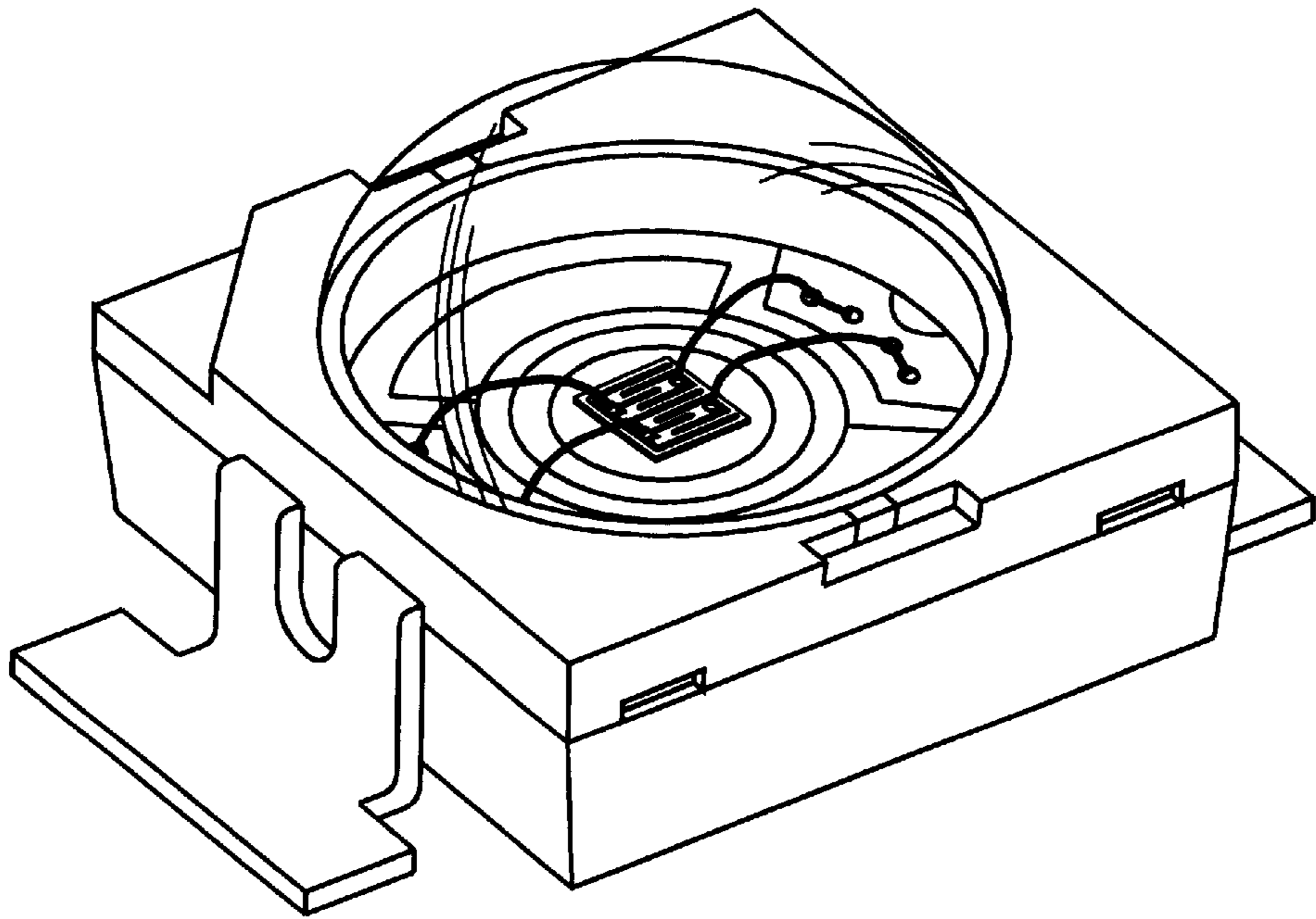


FIG. 1

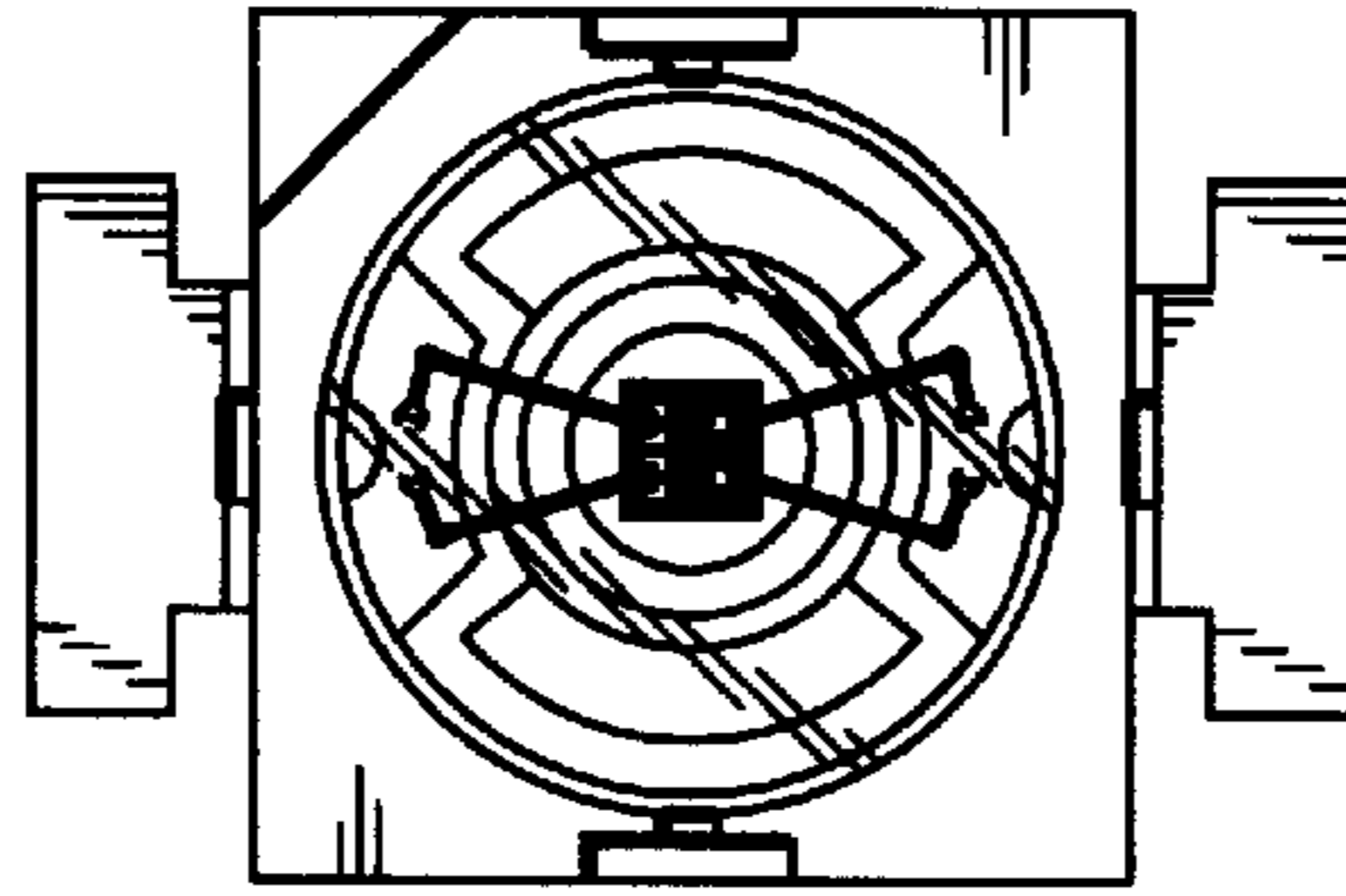


FIG. 2

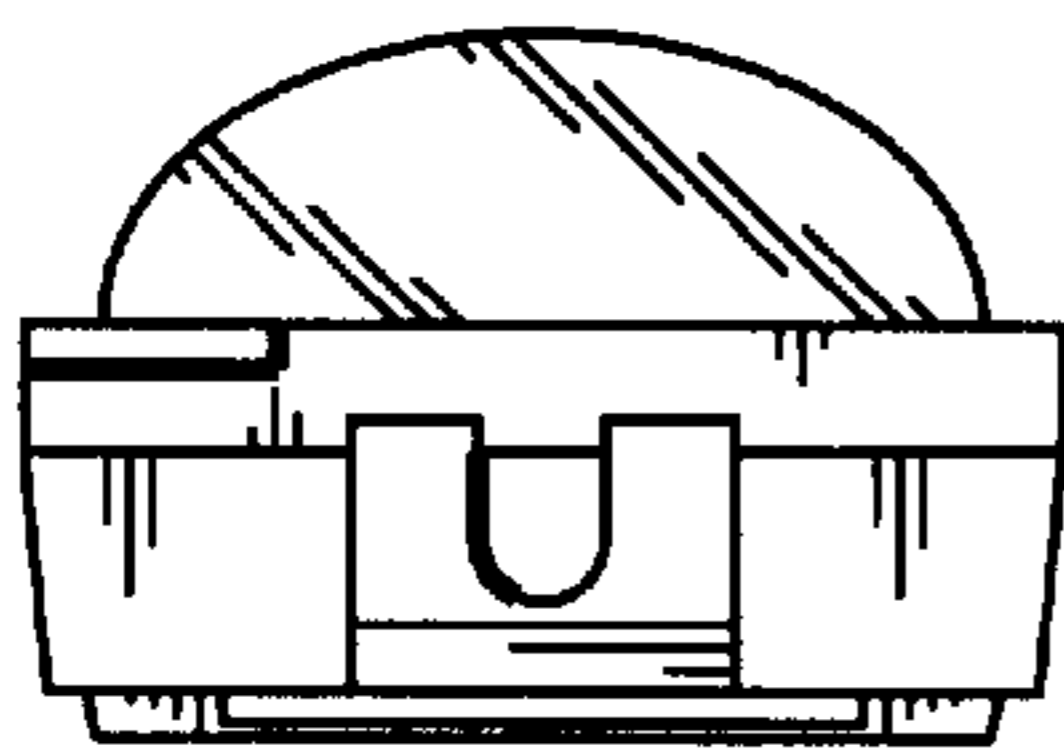


FIG. 3

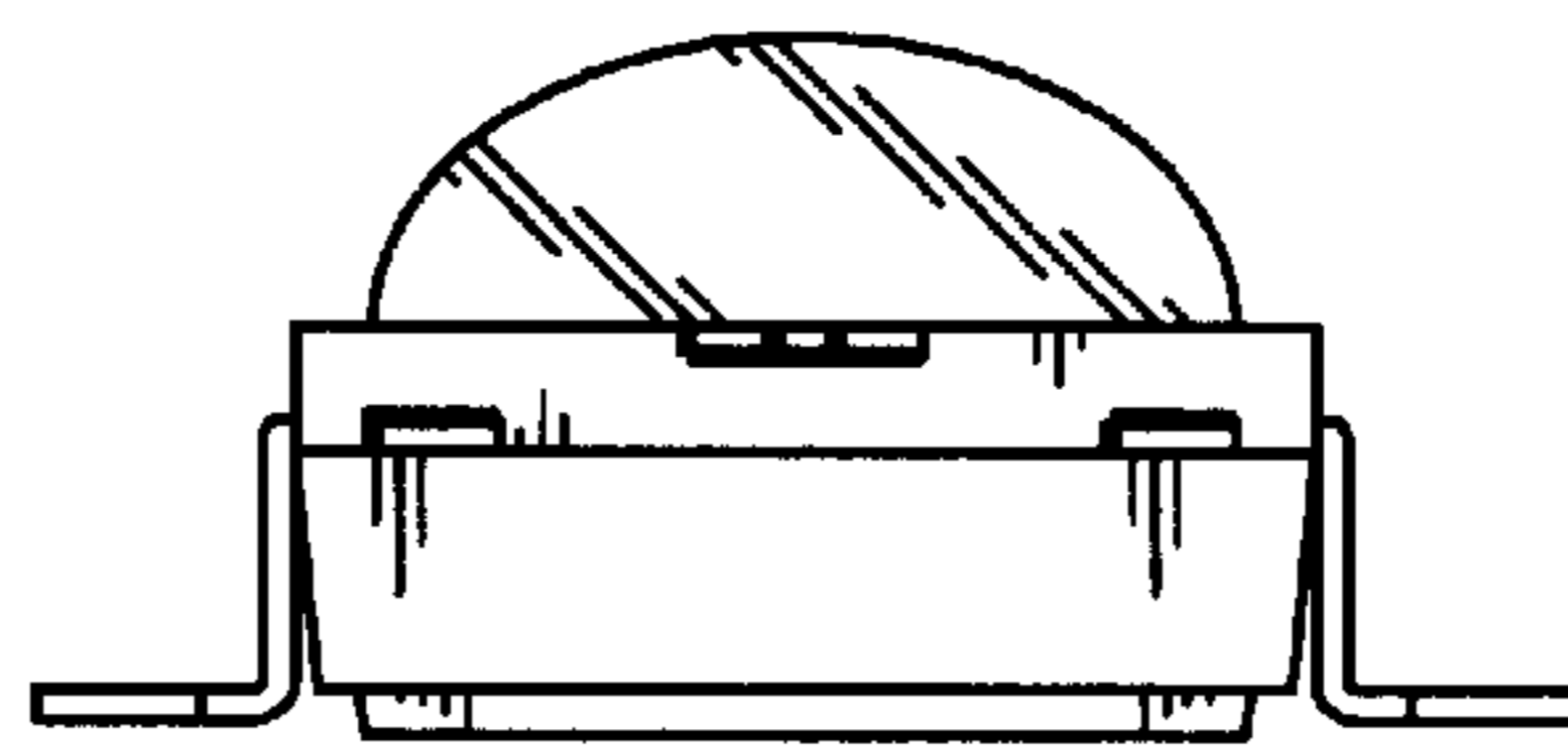


FIG. 4

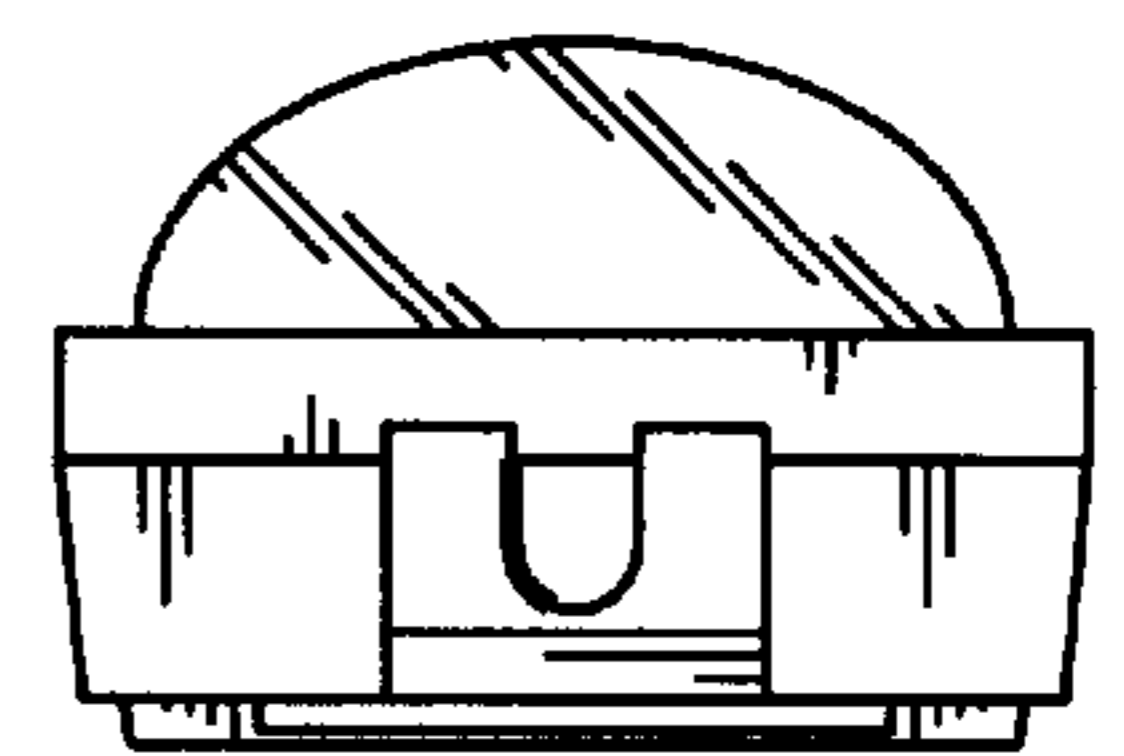


FIG. 5

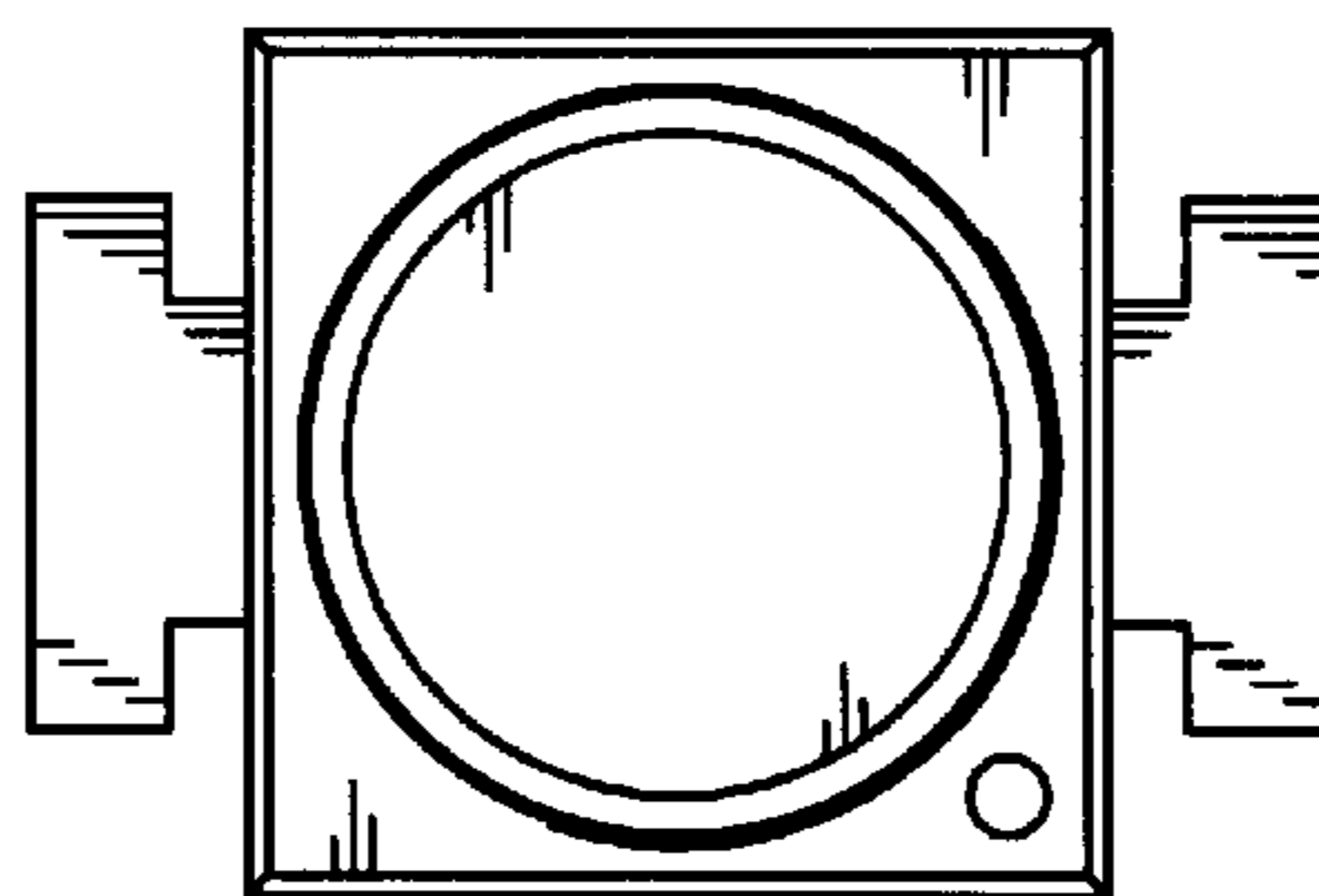


FIG. 6

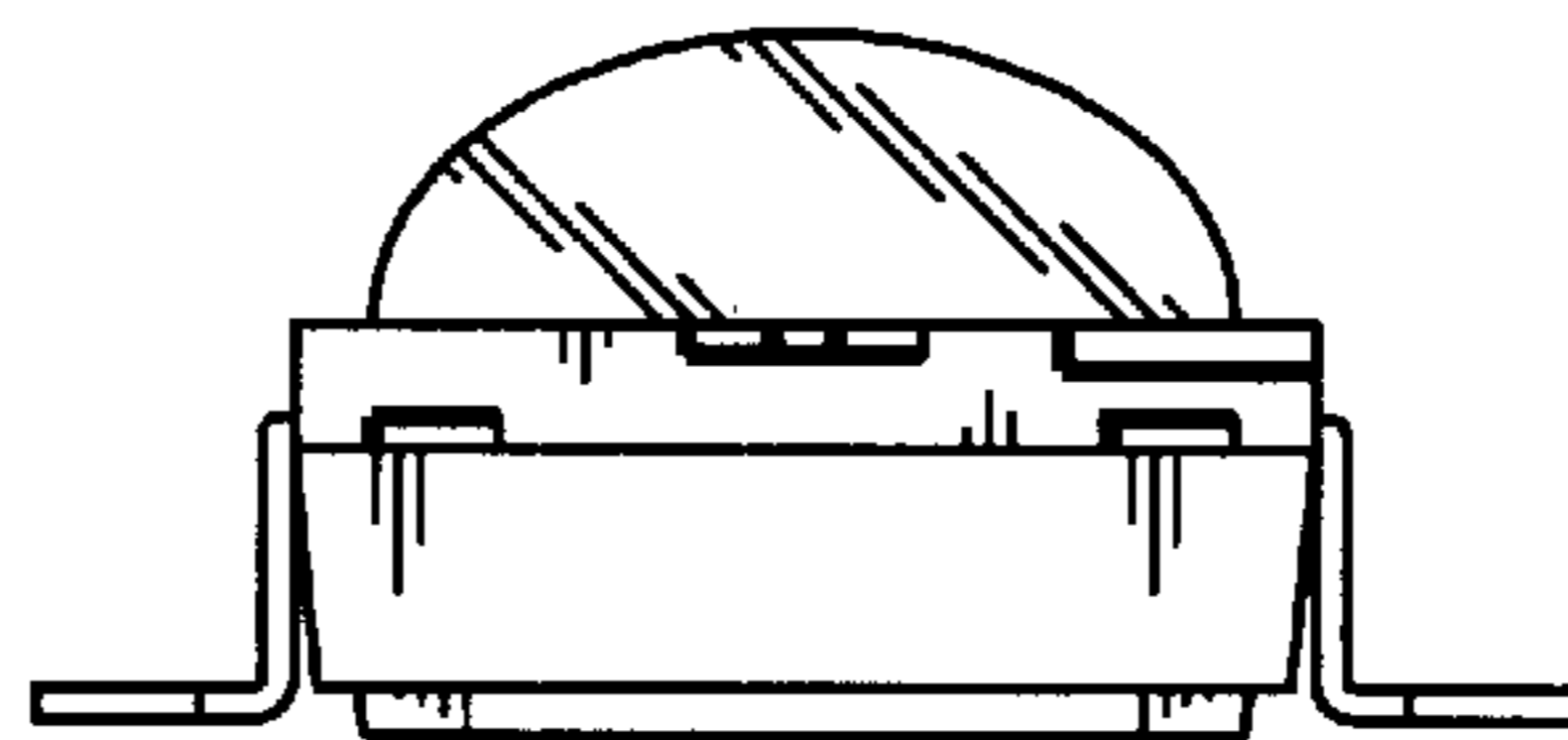


FIG. 7

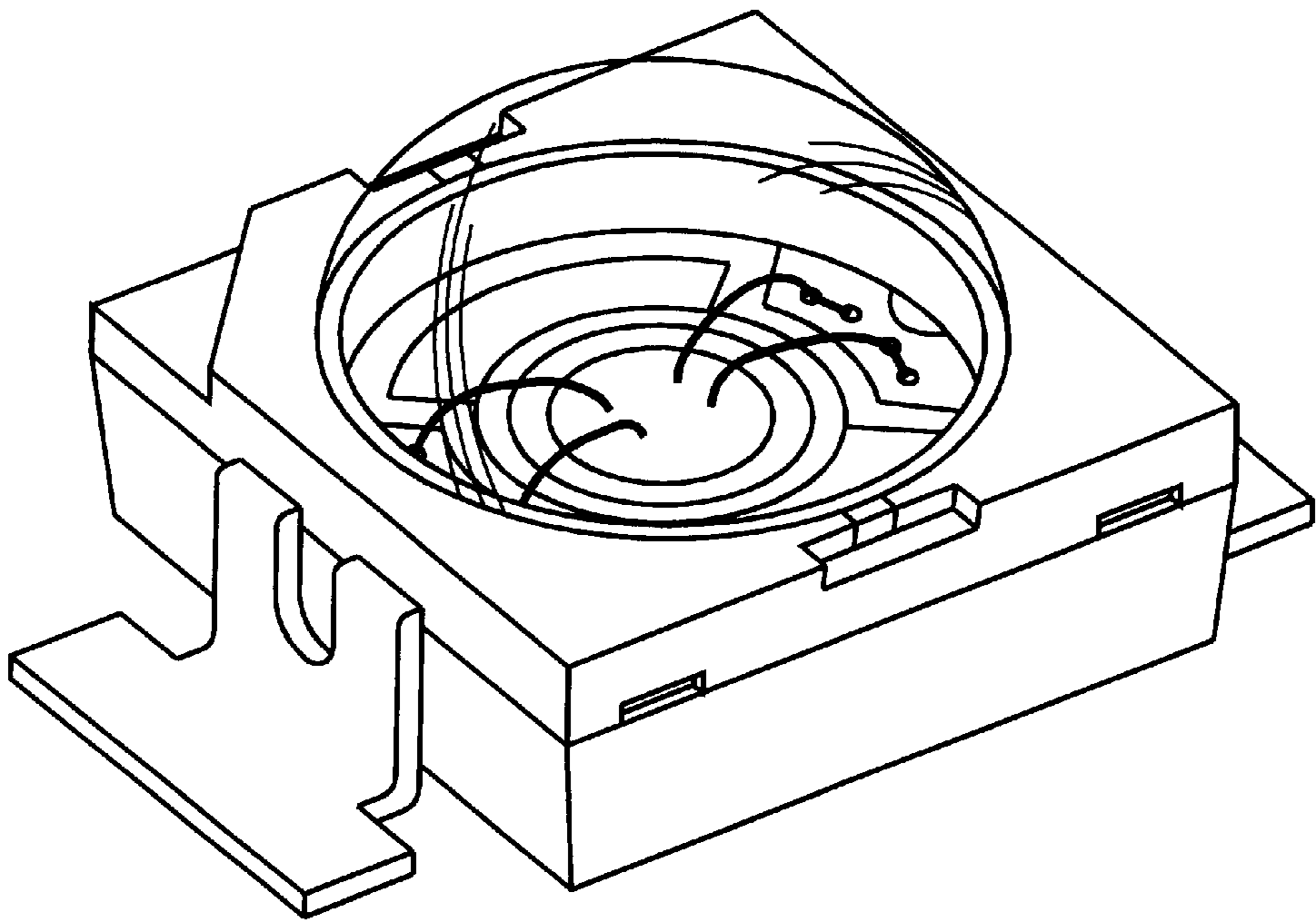


FIG. 8

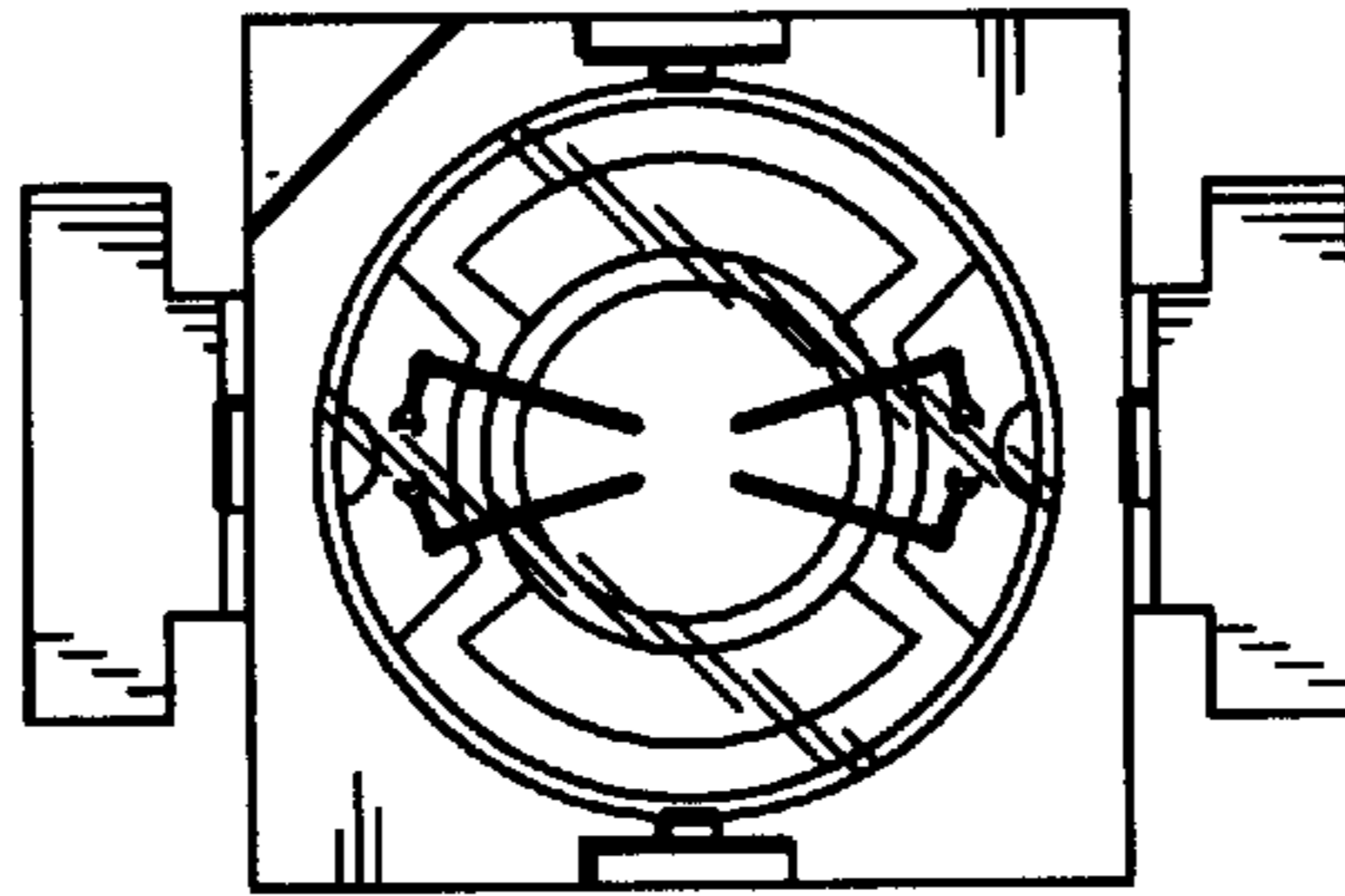


FIG. 9

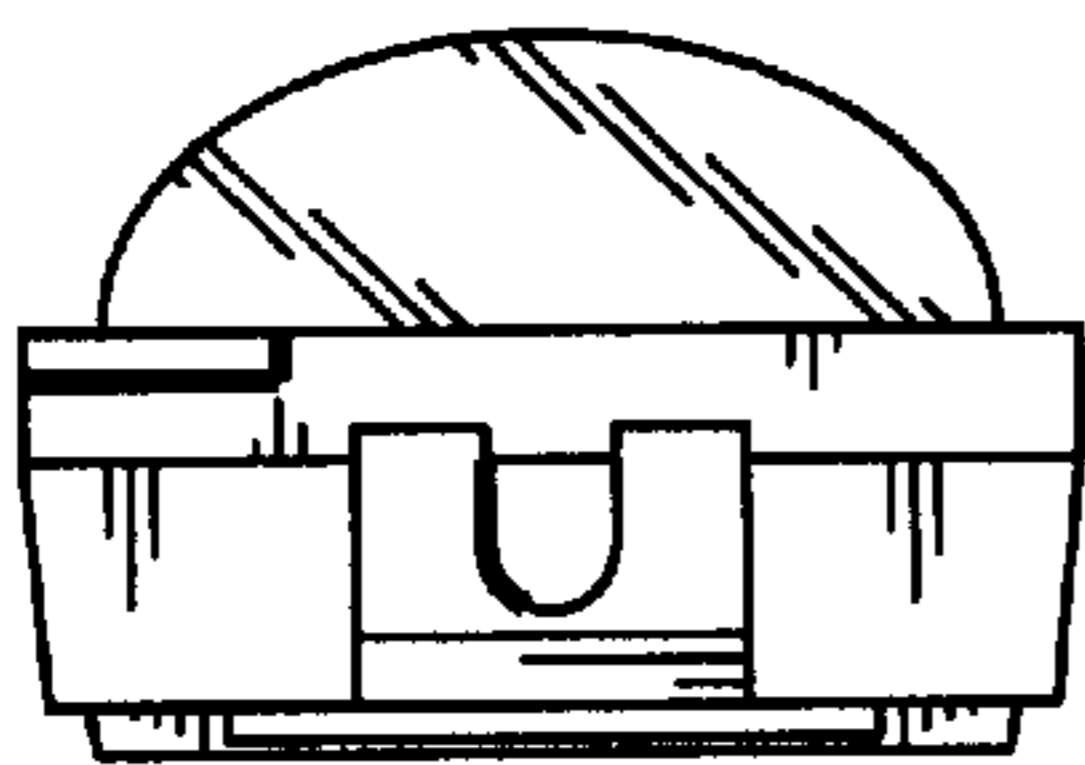


FIG. 10

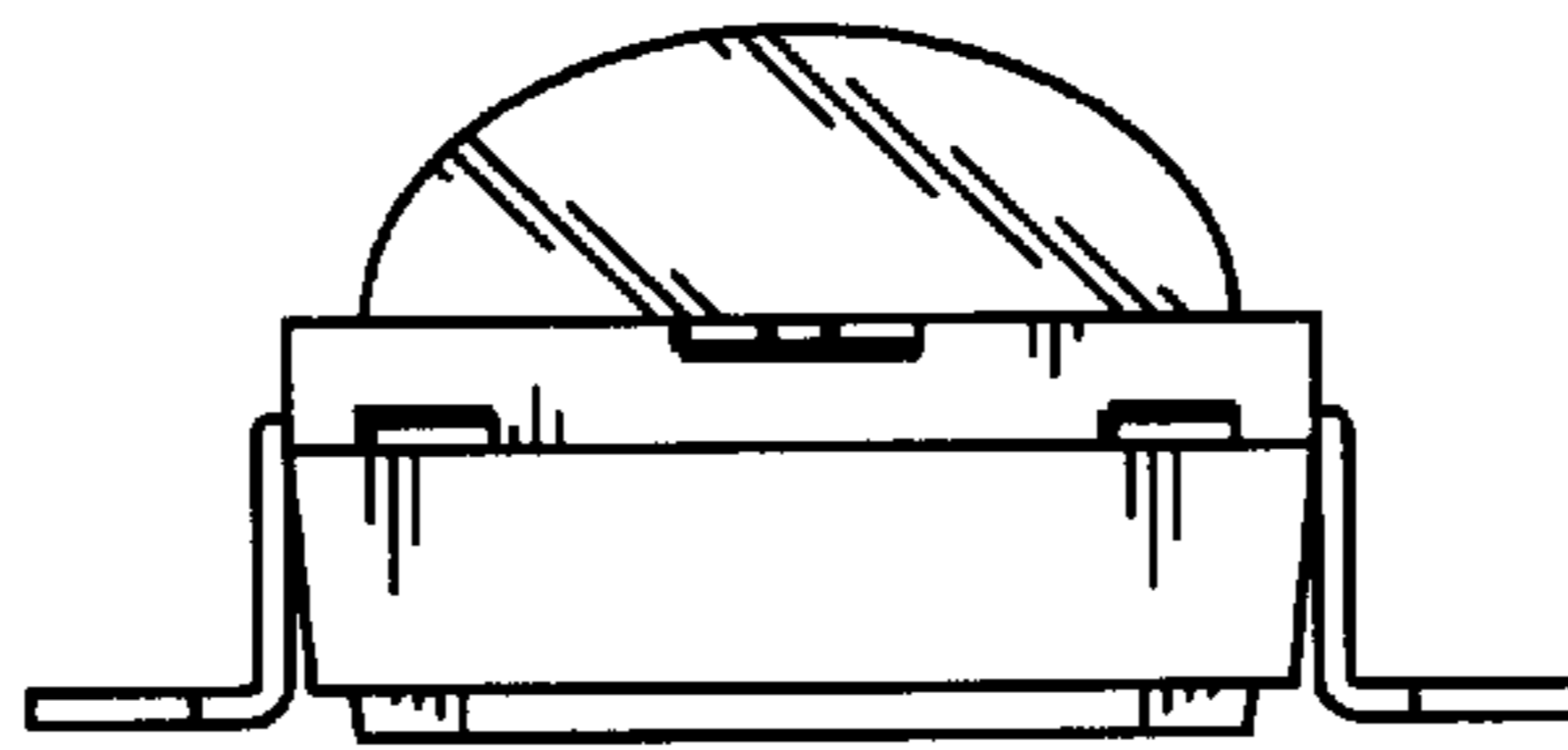


FIG. 11

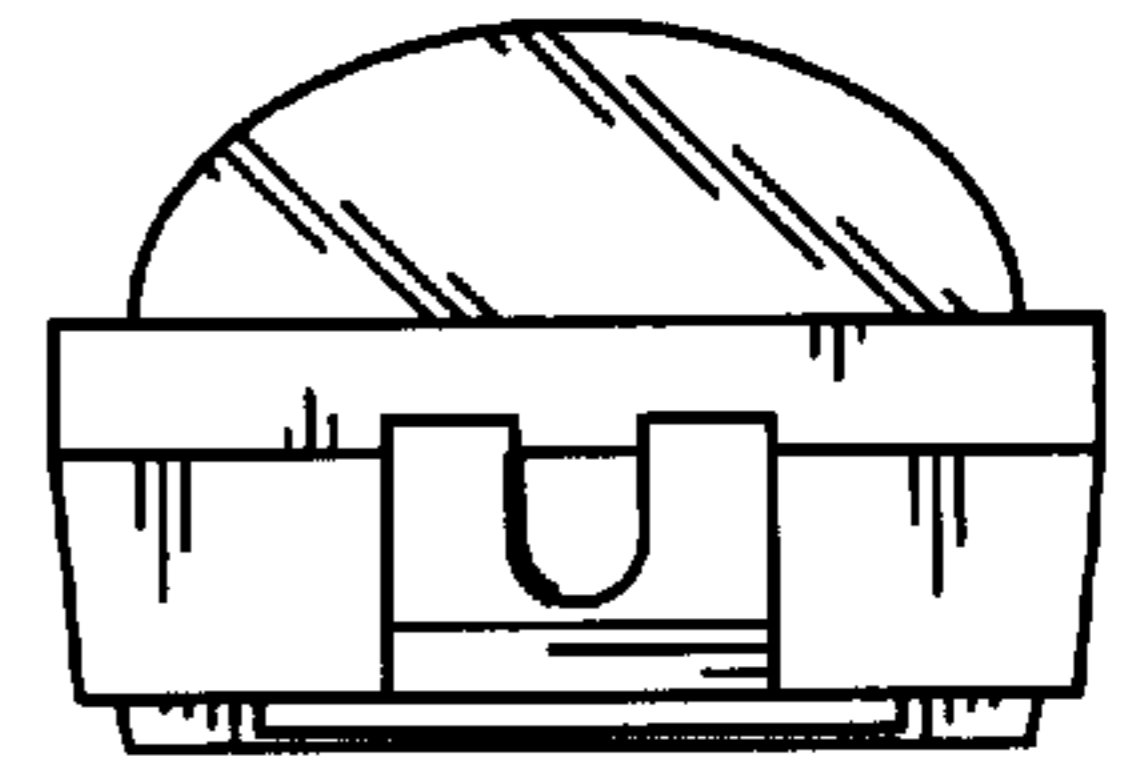


FIG. 12

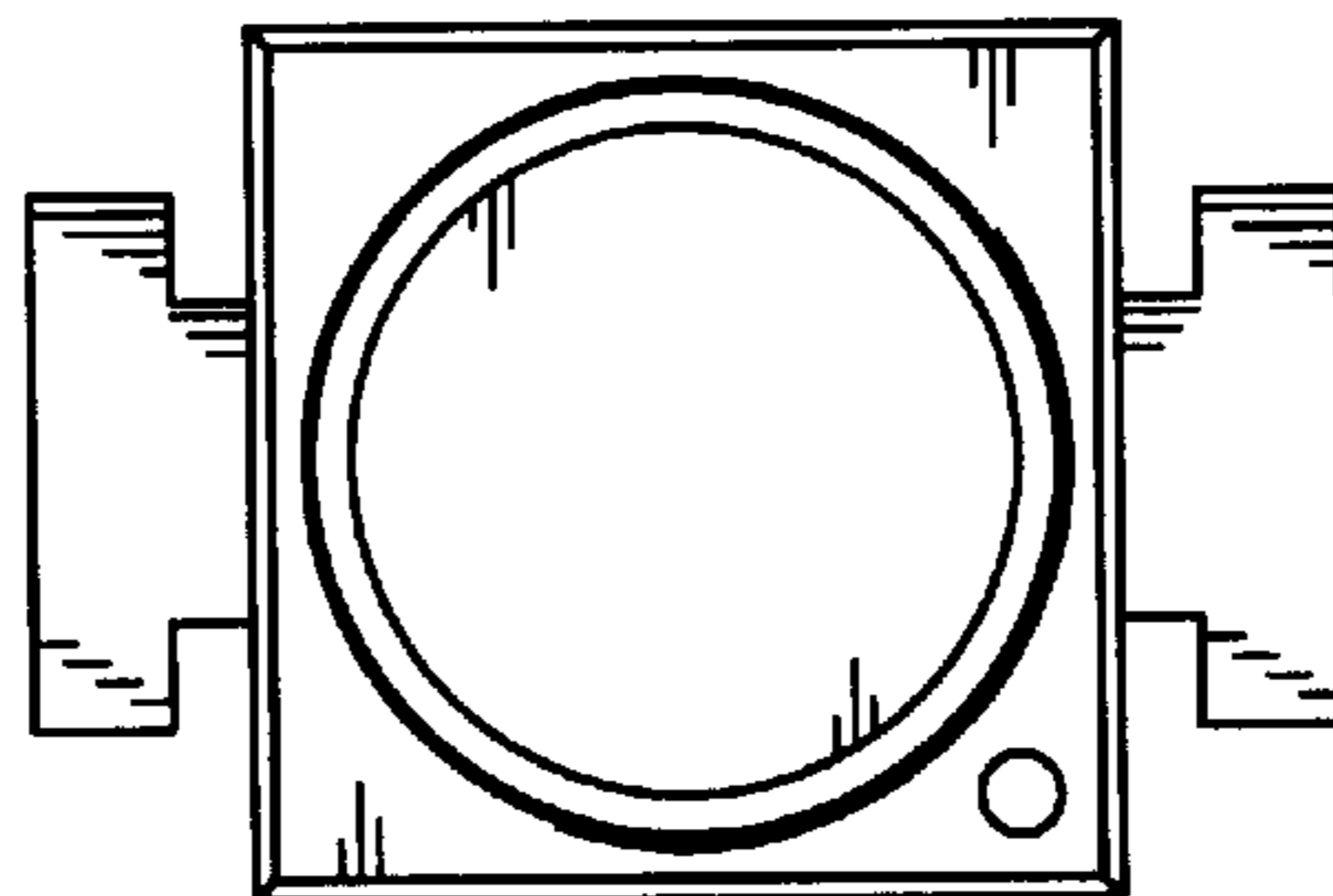


FIG. 13

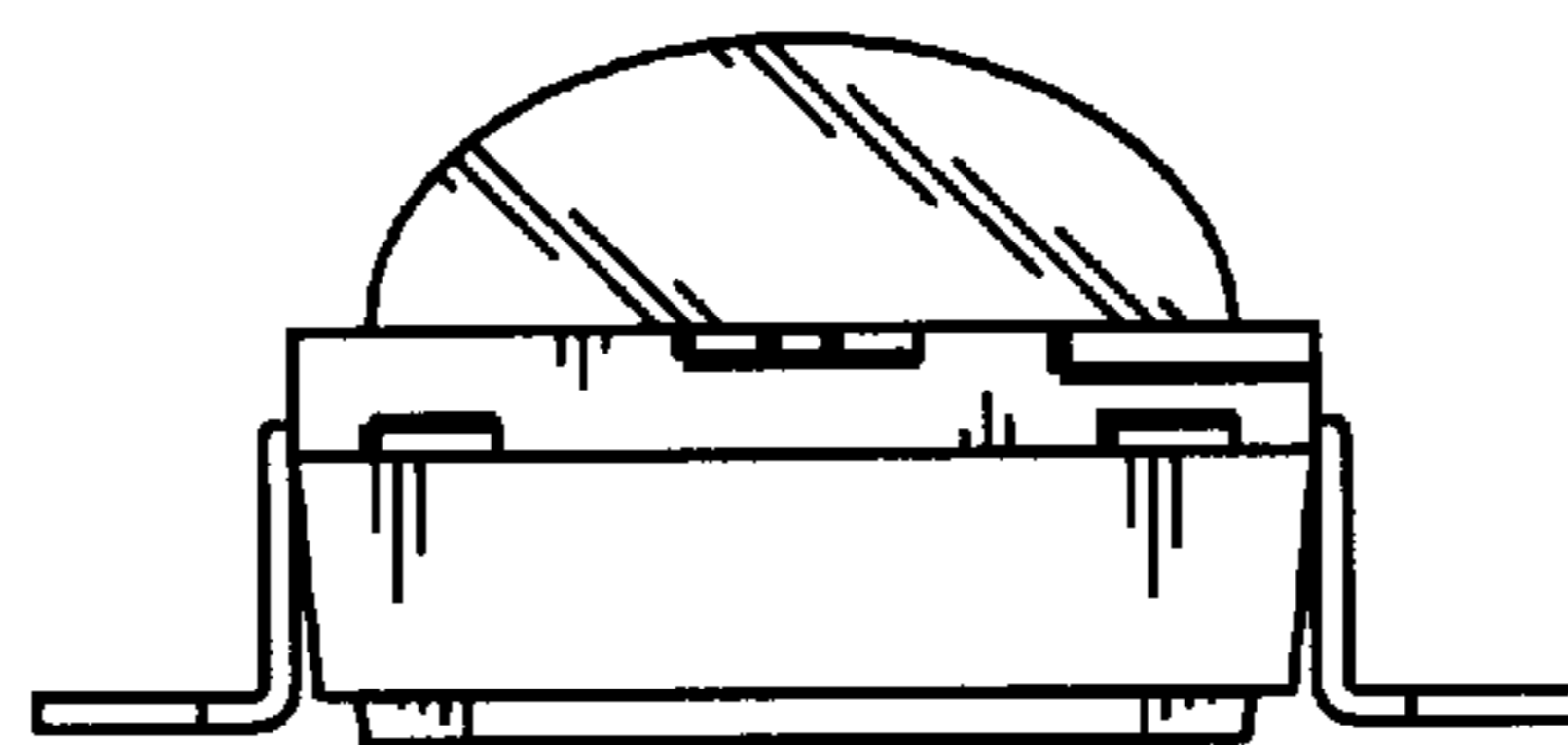


FIG. 14