



US00D482666S

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

(10) **Patent No.:** **US D482,666 S**

(45) **Date of Patent:** **\*\* Nov. 25, 2003**

(54) **LIGHT EMITTING DIODE (LED)**

**DESCRIPTION**

(75) Inventor: **Kazuhiro Kamada**, Anan (JP)

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

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

(21) Appl. No.: **29/161,376**

(22) Filed: **May 30, 2002**

(30) **Foreign Application Priority Data**

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

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

(58) **Field of Search** ..... D10/104, 114;  
D13/180, 182; D26/2; 257/98, 99; 362/241,  
249, 250, 806; 372/45

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*Primary Examiner*—Ted Shooman

*Assistant Examiner*—Selina Sikder

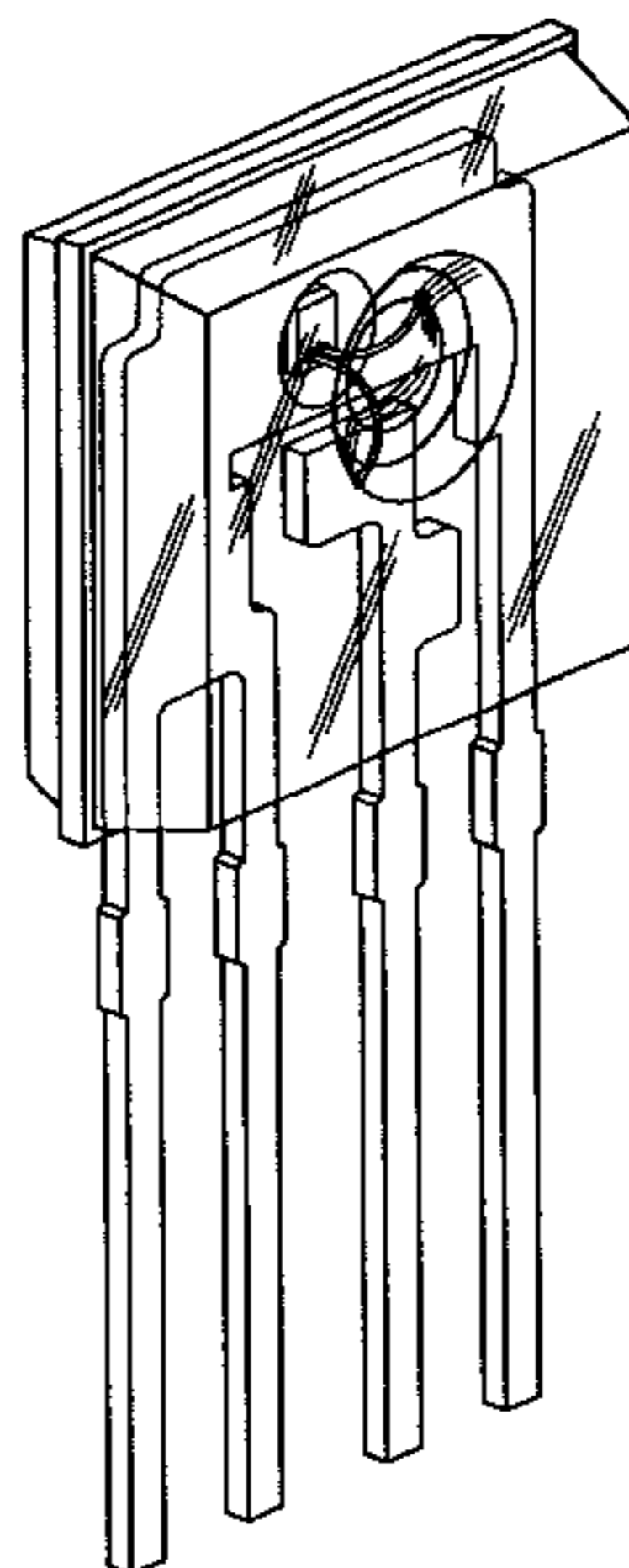
(74) *Attorney, Agent, or Firm*—Smith Patent Office

(57) **CLAIM**

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

FIG. 1 is a perspective view of a LED showing my new design;  
FIG. 2 is a plan view of the LED according to the embodiment of FIG. 1;  
FIG. 3 is a front elevational view of the LED according to the embodiment of FIG. 1;  
FIG. 4 is a right view of the LED according to the embodiment of FIG. 1;  
FIG. 5 is a bottom plan view of the LED according to the embodiment of FIG. 1;  
FIG. 6 is a rear view of the LED according to the embodiment of FIG. 1;  
FIG. 7 is a plan view of a LED according to another embodiment of my new design;  
FIG. 8 is a front elevational view of the LED according to the embodiment of FIG. 7;  
FIG. 9 is a right view of the LED according to the embodiment of FIG. 7;  
FIG. 10 is a bottom plan view of the LED according to the embodiment of FIG. 7;  
FIG. 11 is a rear view of the LED according to the embodiment of FIG. 7;  
FIG. 12 is a plan view of the LED according to yet another embodiment of my new design;  
FIG. 13 is a front elevational view of the LED according to the embodiment of FIG. 12;  
FIG. 14 is a right view of the LED according to the embodiment of FIG. 12;  
FIG. 15 is a bottom plan view of the LED according to the embodiment of FIG. 12;  
FIG. 16 is a rear view of the LED according to the embodiment of FIG. 12;  
FIG. 17 is a plan view of a LED according to yet another embodiment of my new design;  
FIG. 18 is a front elevational view of the LED according to the embodiment of FIG. 17;  
FIG. 19 is a right view of the LED according to the embodiment of FIG. 17;  
FIG. 20 is a bottom plan view of the LED according to the embodiment of FIG. 17; and,  
FIG. 21 is a rear view of the LED according to the embodiment of FIG. 17.

**1 Claim, 5 Drawing Sheets**



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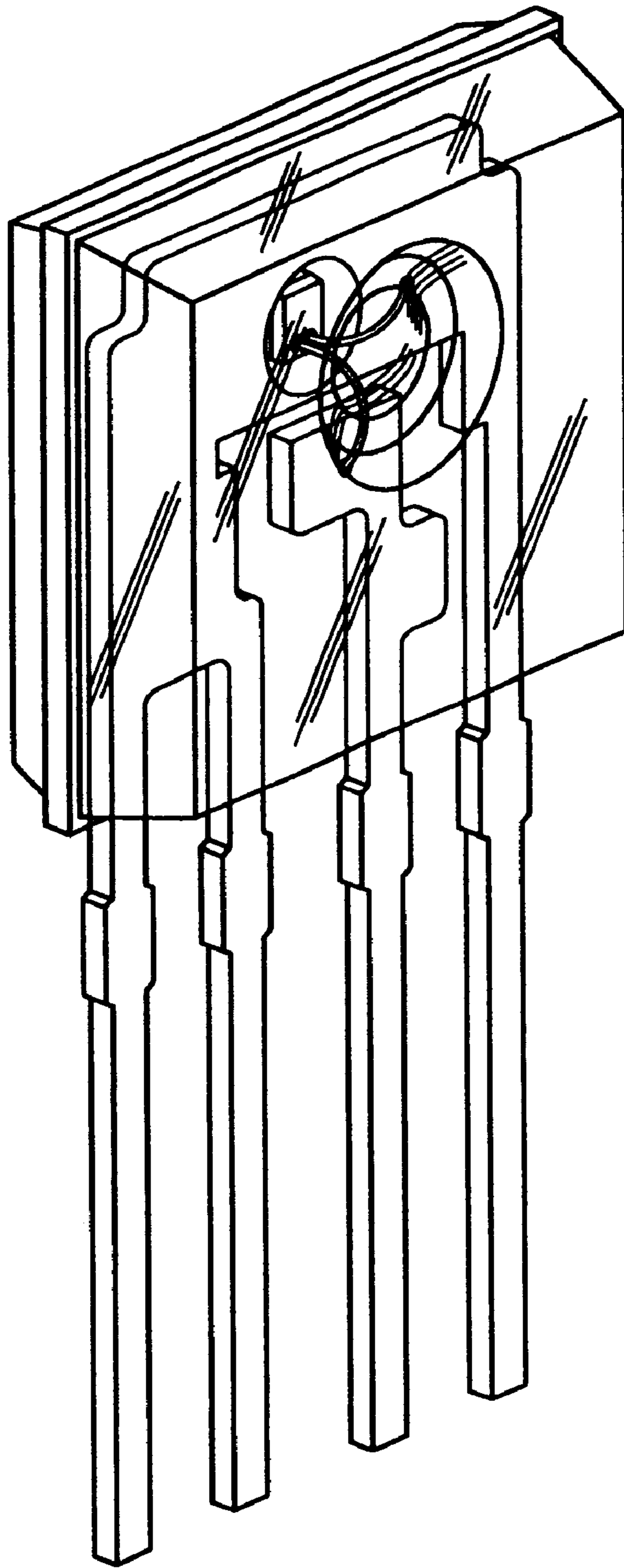


FIG. 1

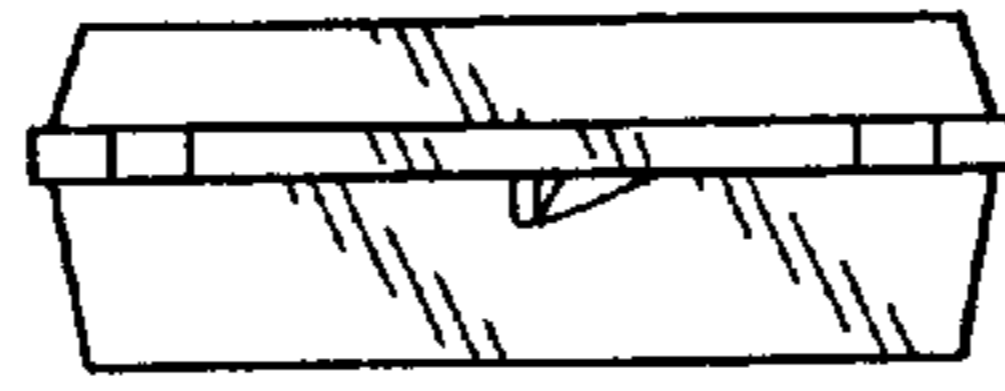


FIG. 2

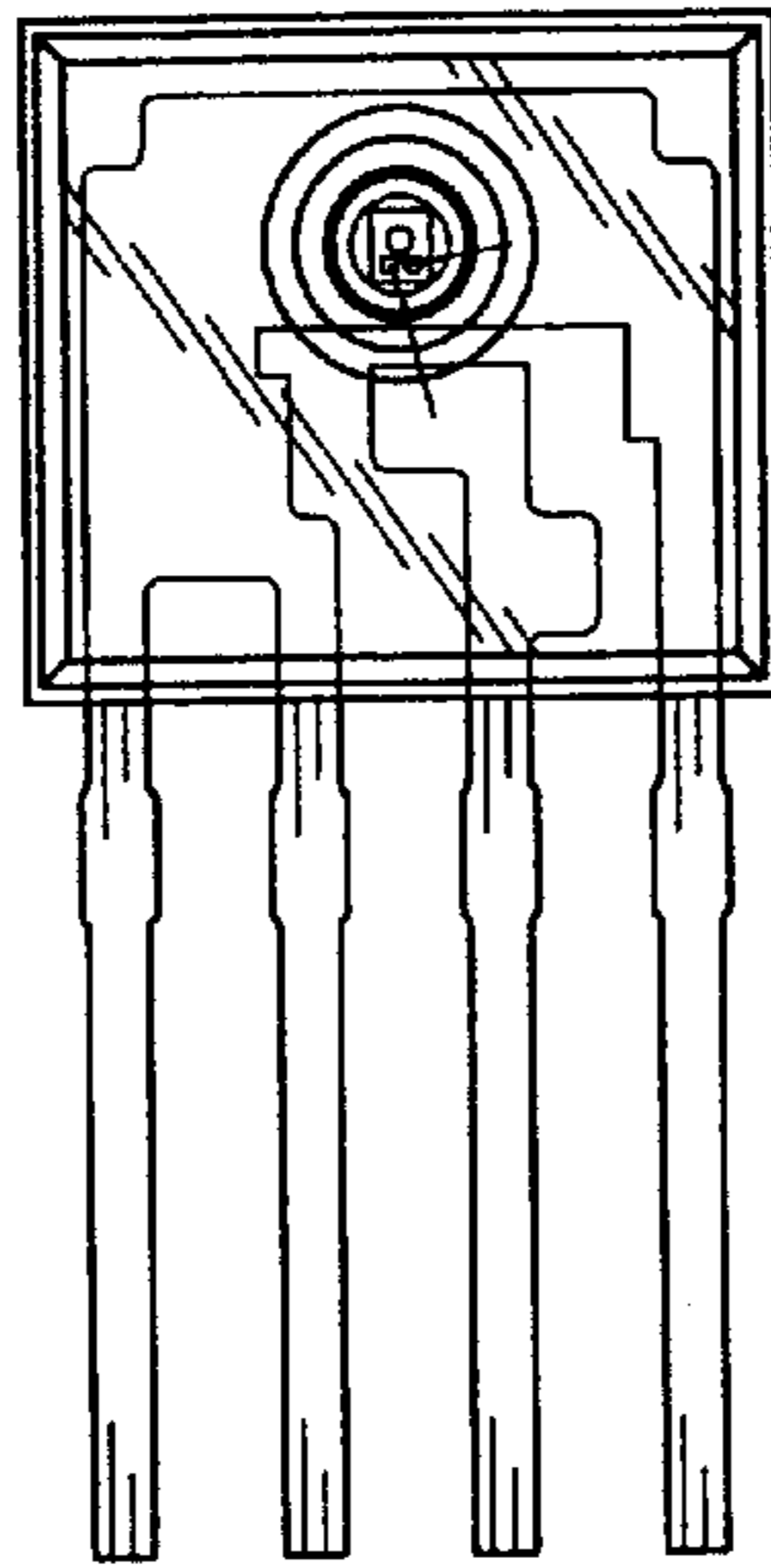


FIG. 3

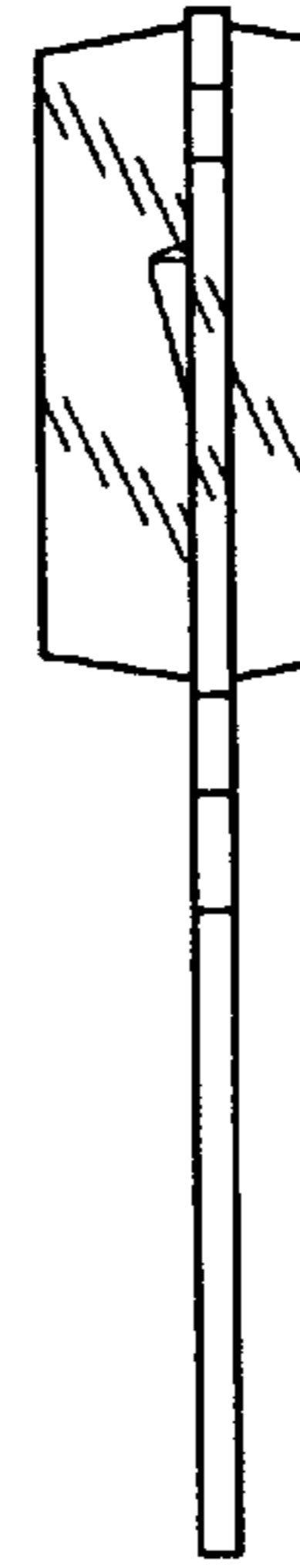


FIG. 4

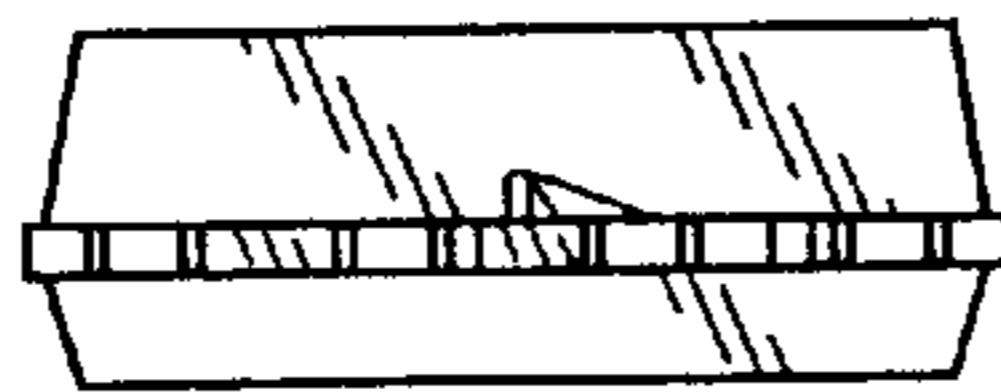


FIG. 5

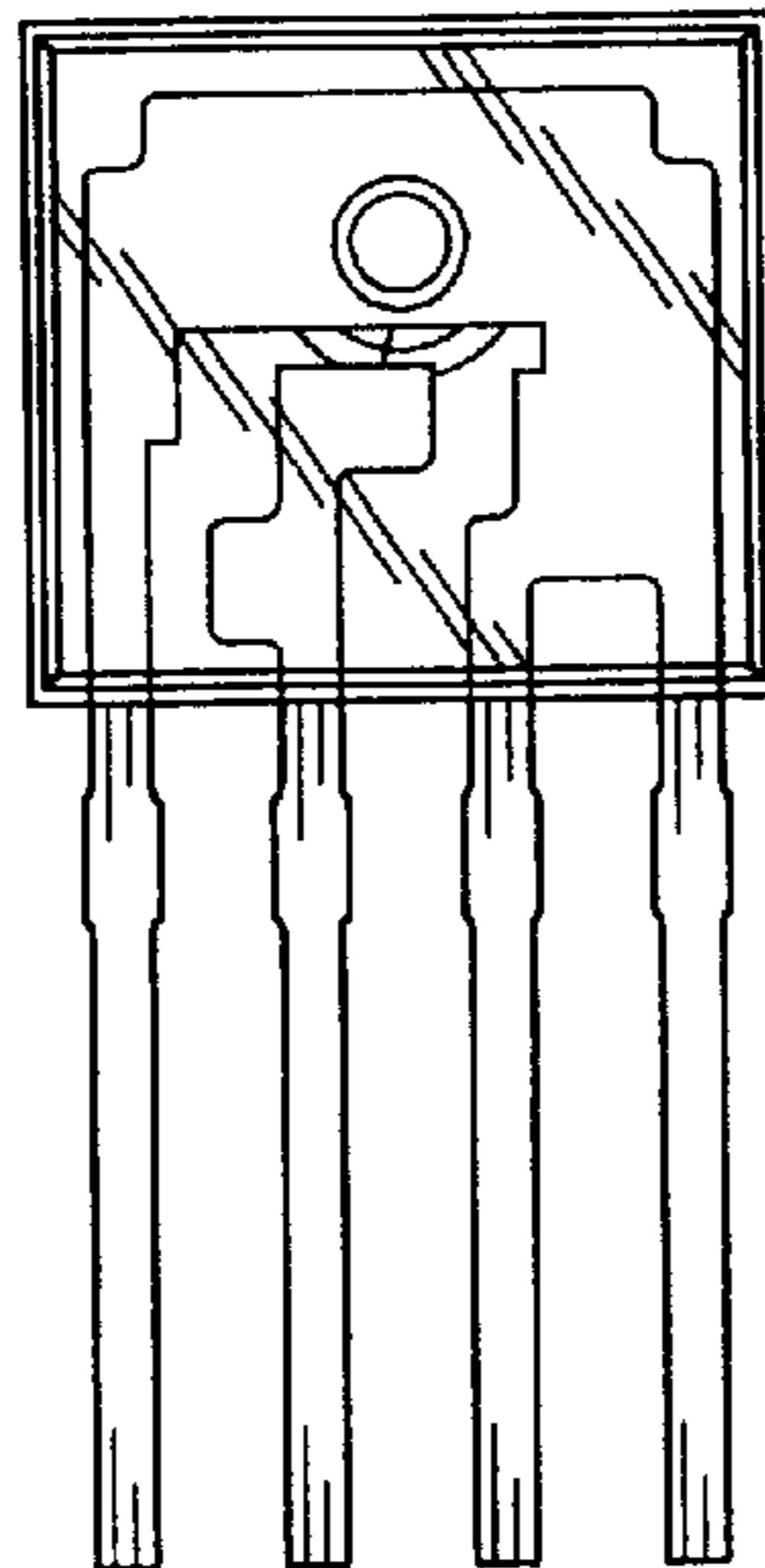


FIG. 6

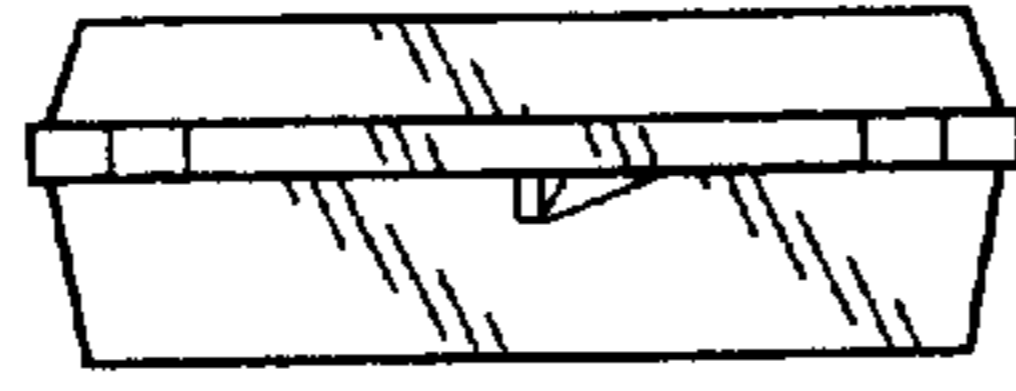


FIG. 7

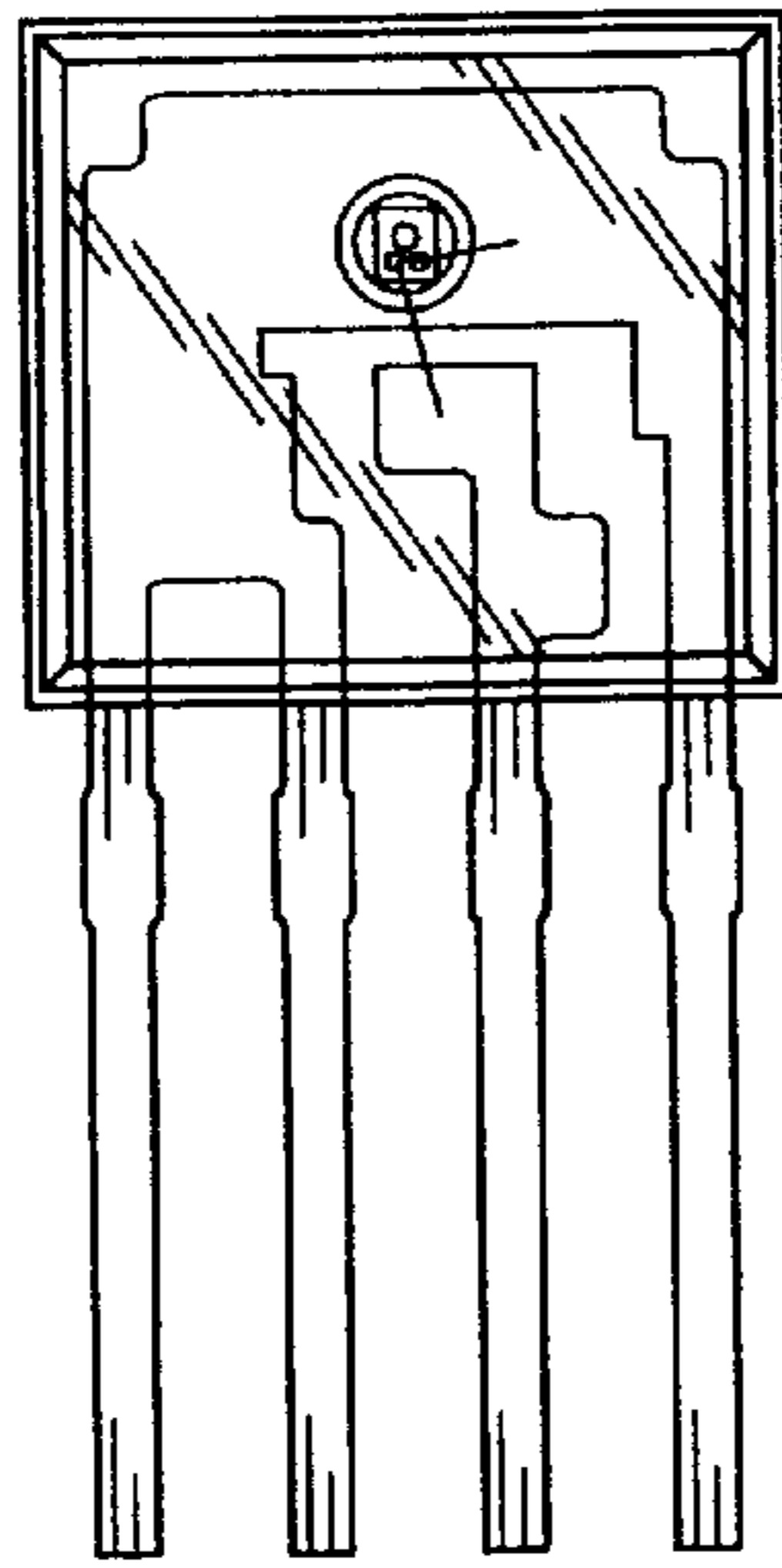


FIG. 8

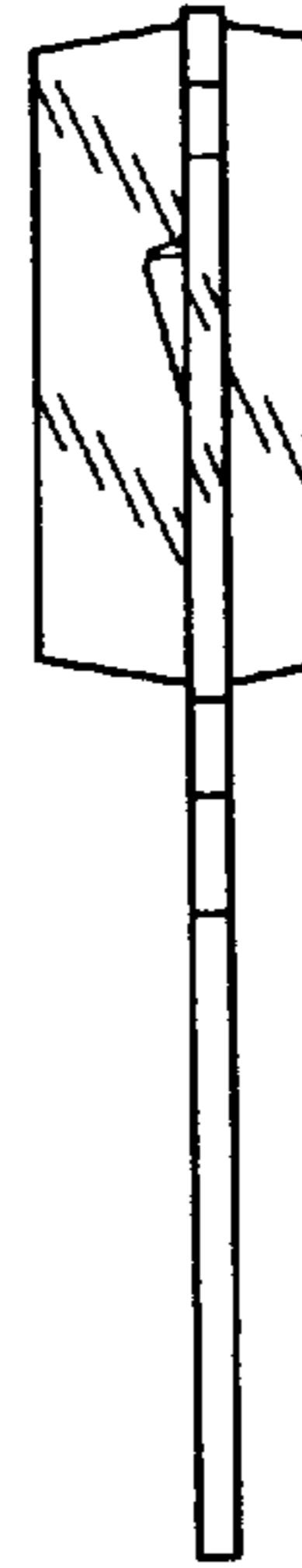


FIG. 9

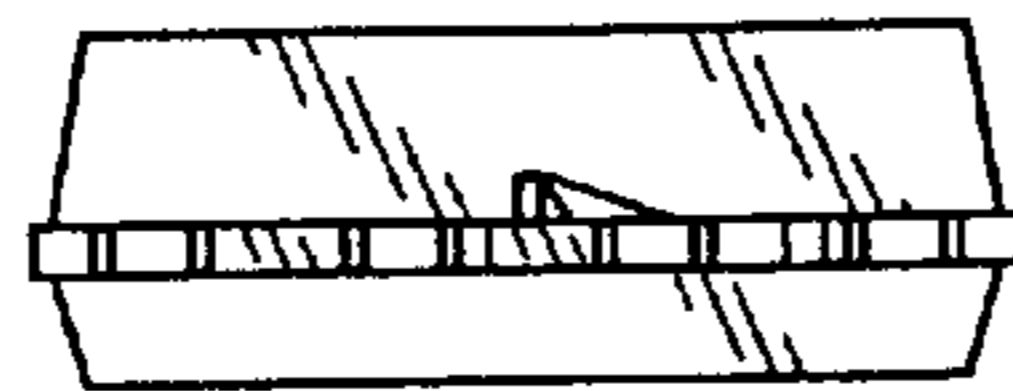


FIG. 10

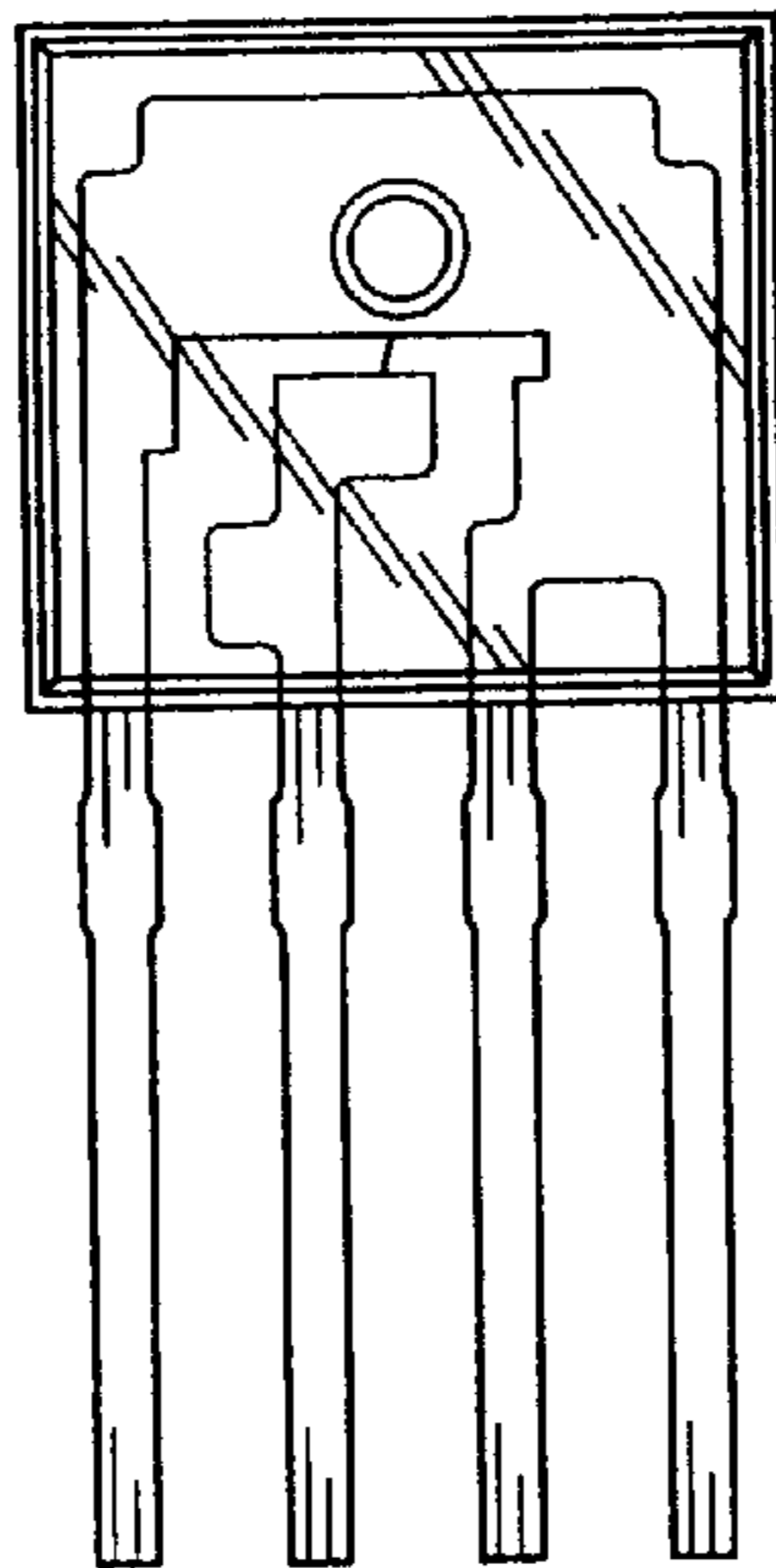


FIG. 11

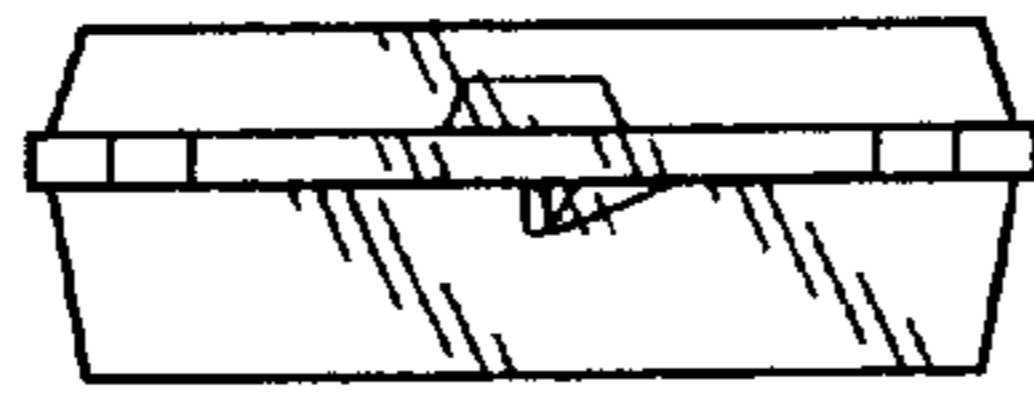


FIG. 12

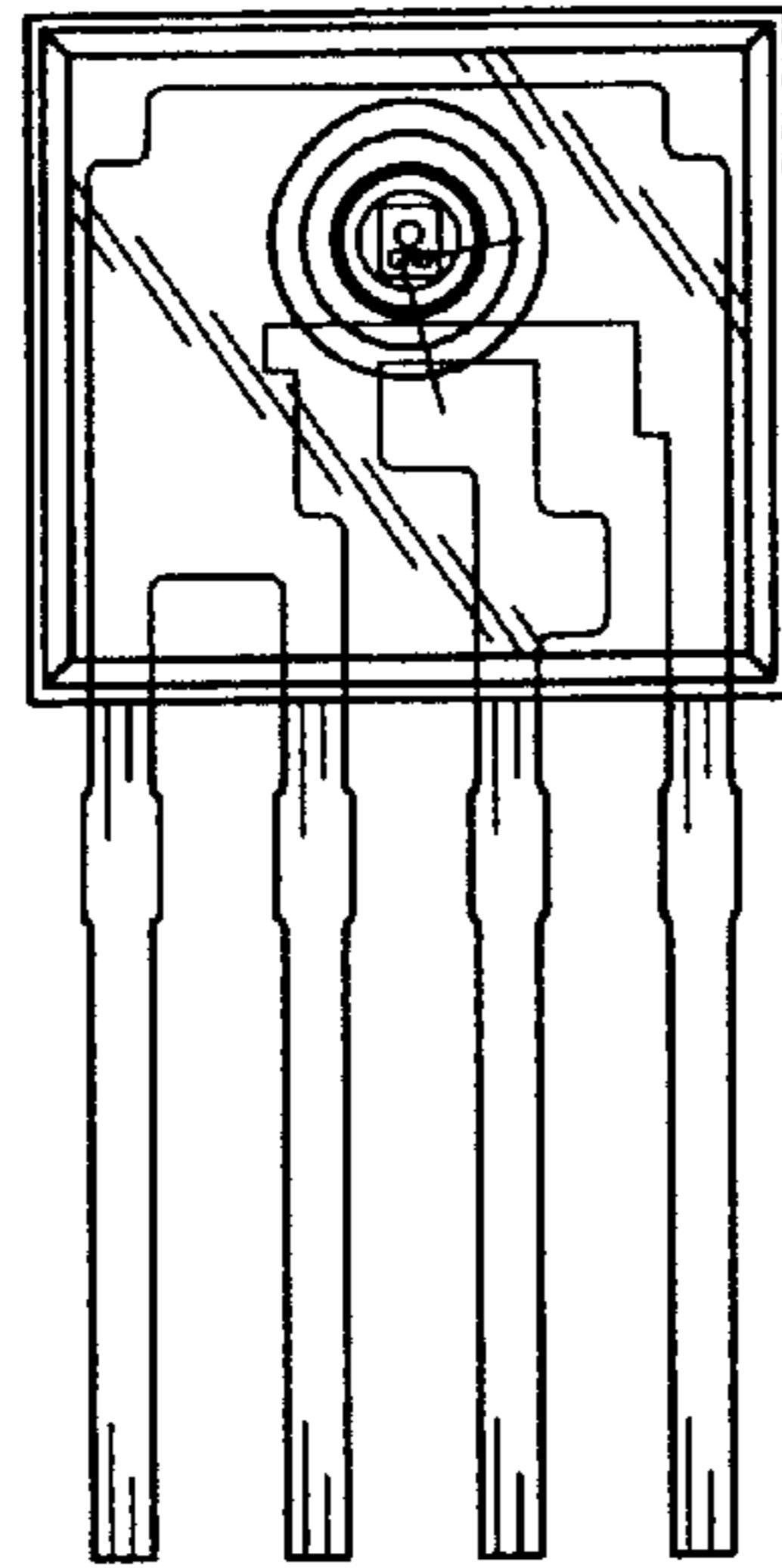


FIG. 13

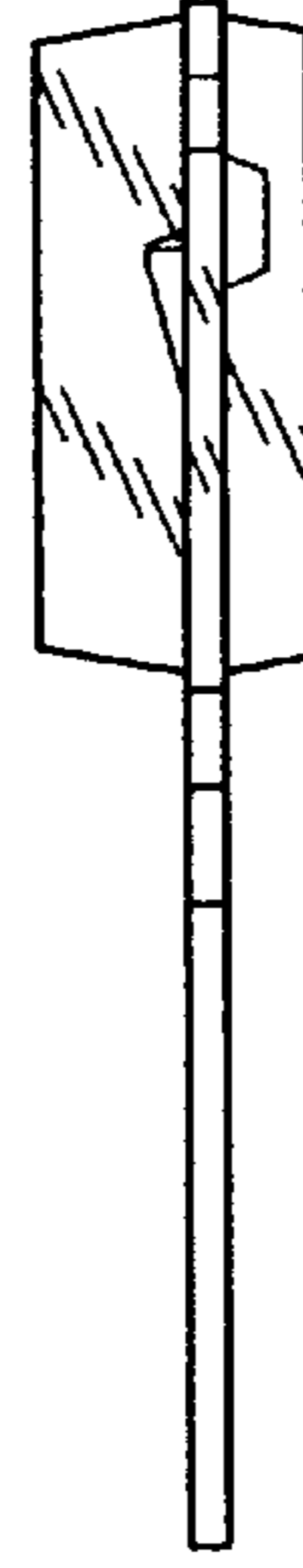


FIG. 14

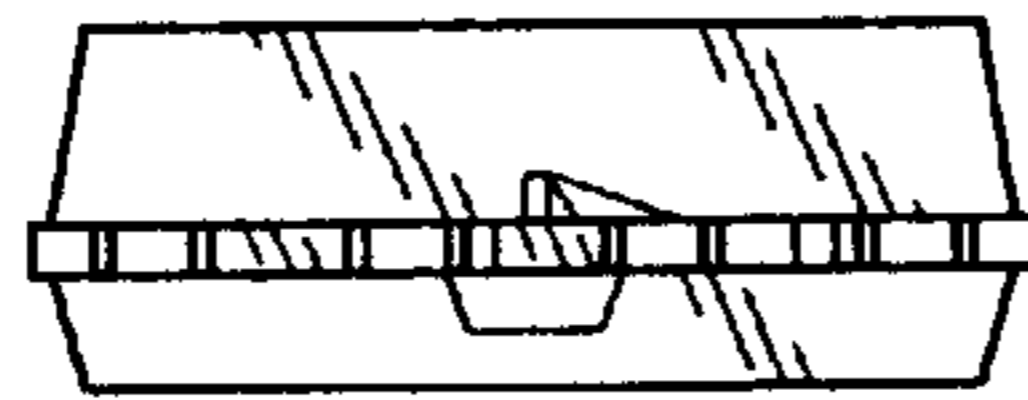


FIG. 15

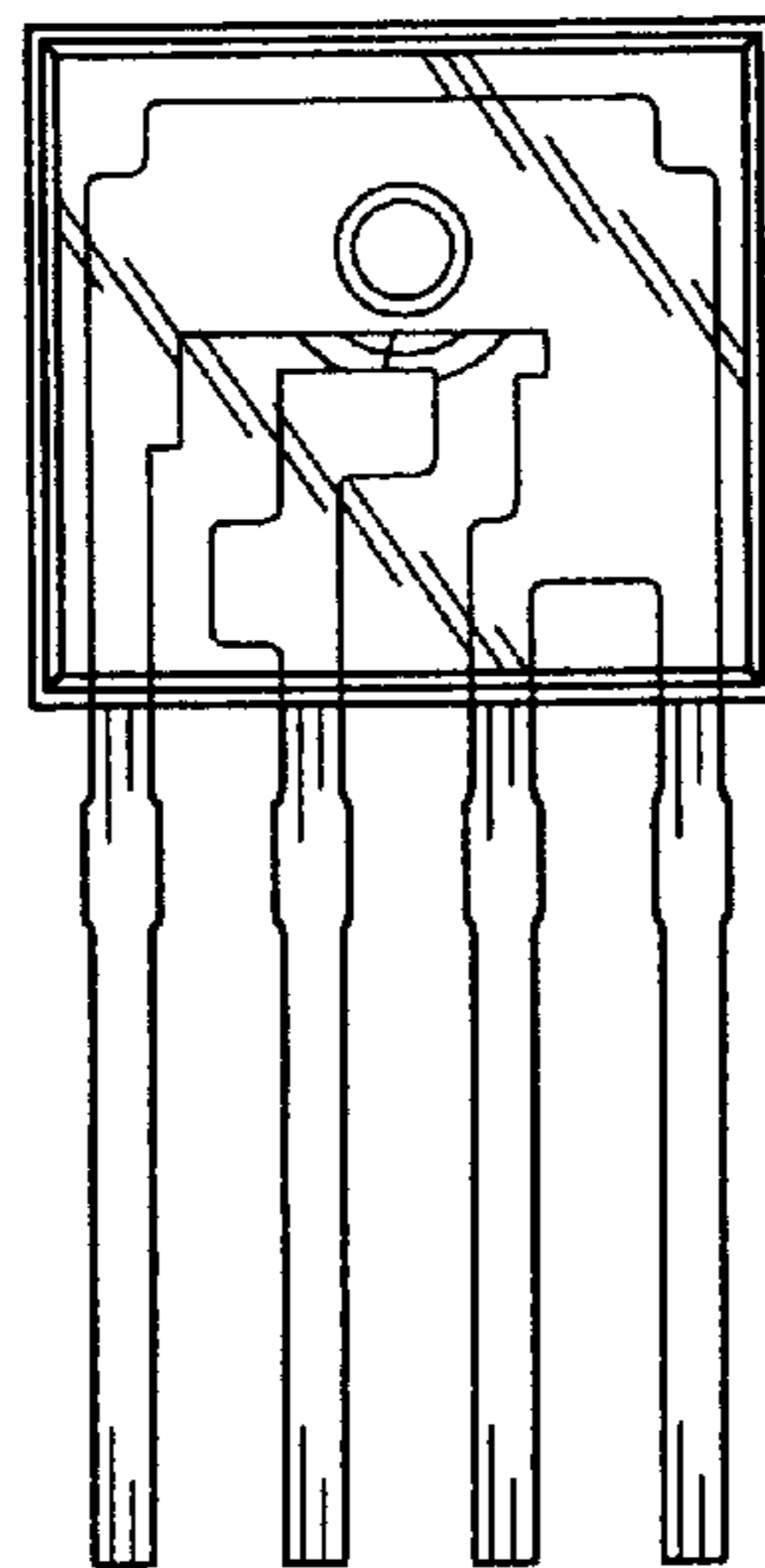


FIG. 16

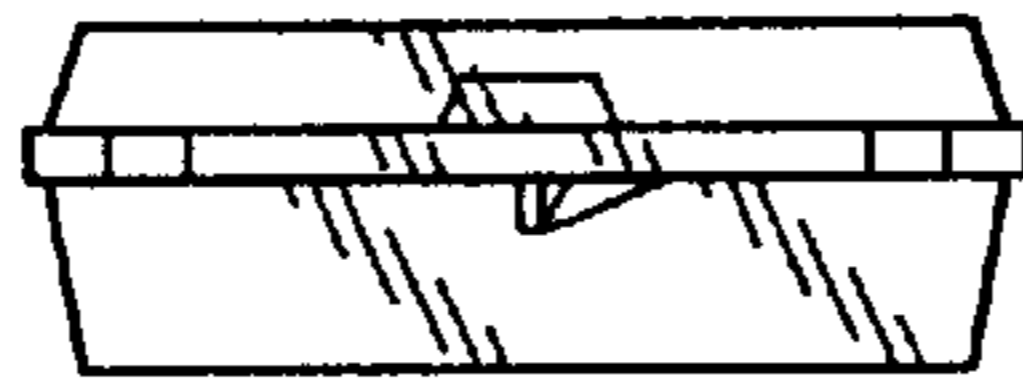


FIG. 17

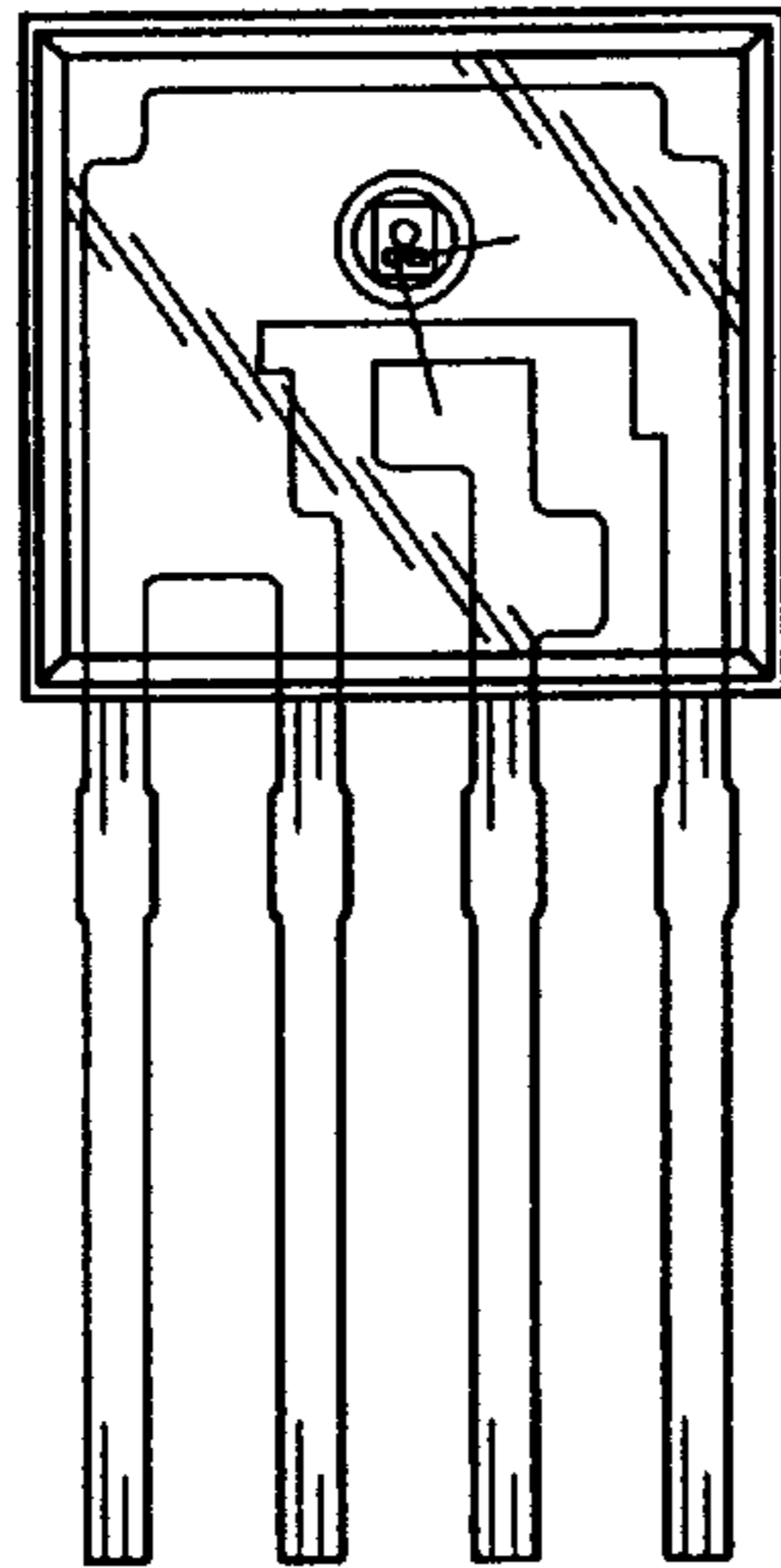


FIG. 18

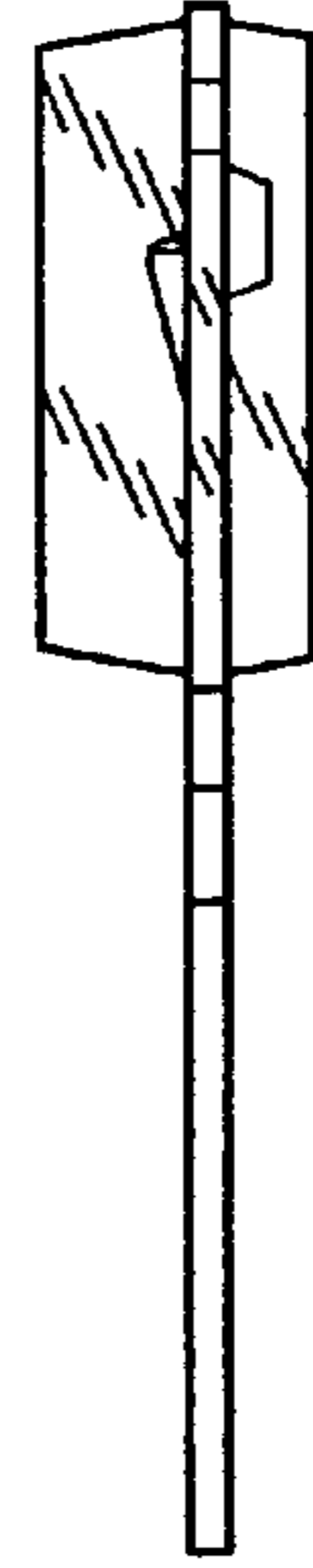


FIG. 19

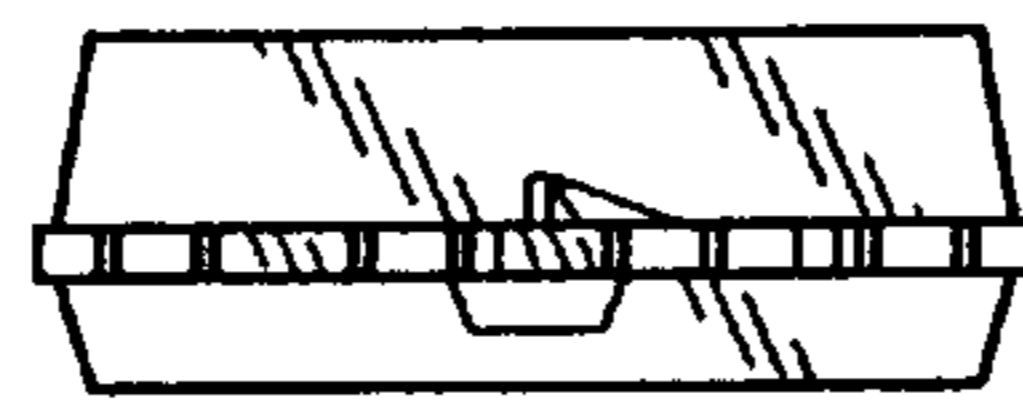


FIG. 20

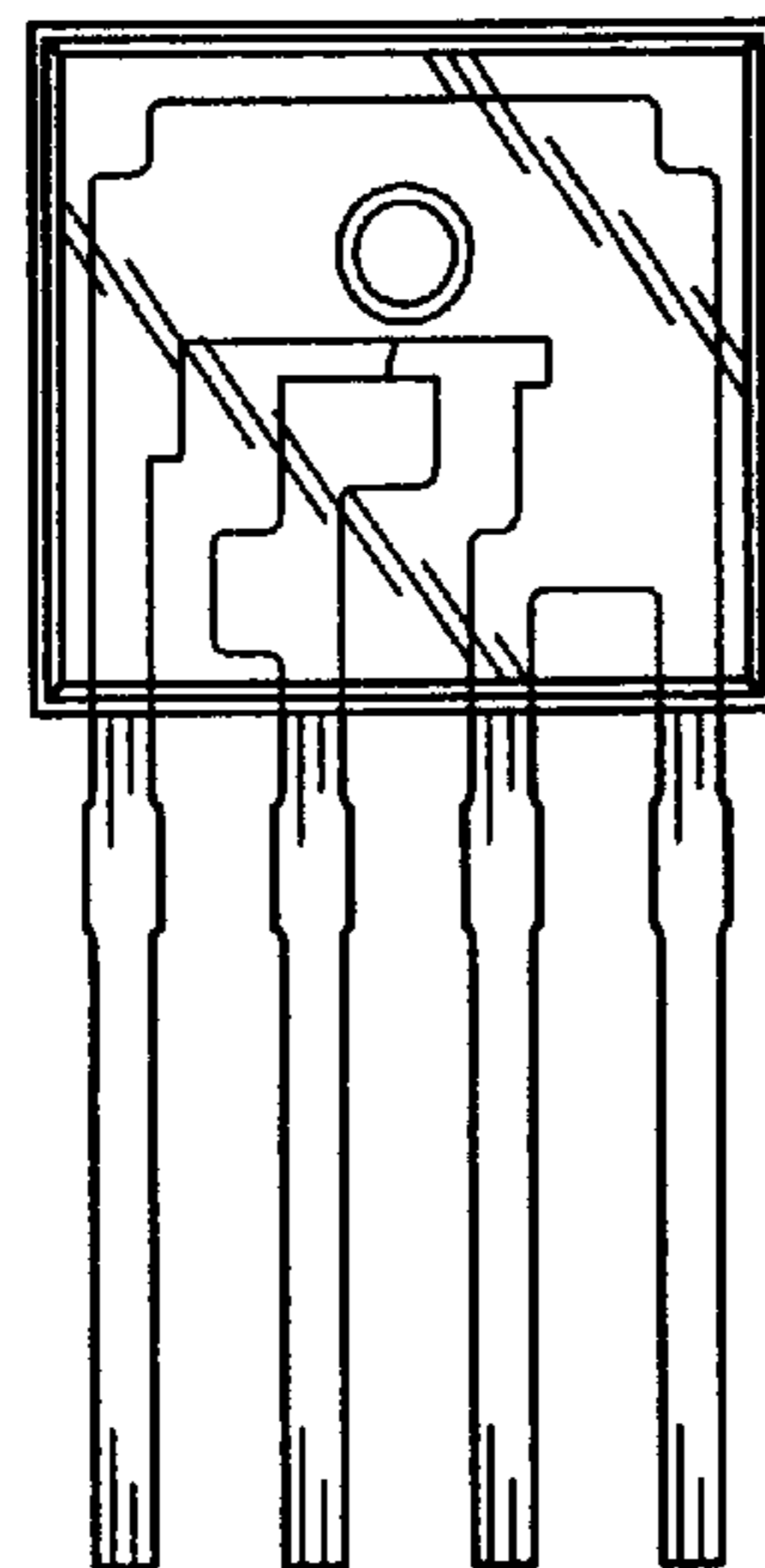


FIG. 21