



US00D367848S

United States Patent [19]

Harada et al.

[11] Patent Number: **Des. 367,848**

[45] Date of Patent: ****Mar. 12, 1996**

[54] **MODULE FOR RECEIVING INFRA-RED SIGNAL OF REMOTE CONTROLLER**

[75] Inventors: **Yoshio Harada; Hiroyuki Takamatsu; Toshiyasu Shimada; Takanori Yamashita**, all of Tokyo, Japan

[73] Assignee: **Sony Corporation**, Tokyo, Japan

[**] Term: **14 Years**

[21] Appl. No.: **34,927**

[22] Filed: **Dec. 29, 1994**

[30] **Foreign Application Priority Data**

Jun. 30, 1994 [JP] Japan 6-19420
Jun. 30, 1994 [JP] Japan 6-19421

[52] **U.S. Cl.** **D13/165**

[58] **Field of Search** D13/165, 182; 174/52.4; 361/730, 752; 250/239; 257/432

[56] **References Cited**

U.S. PATENT DOCUMENTS

D. 278,049	3/1985	Takahashi et al.	D13/182
4,650,998	3/1987	Martin	250/239
4,704,525	11/1987	Shimaoka et al.	250/239
4,967,312	10/1990	Ozawa et al.	361/752
5,013,911	5/1991	Koshida et al.	250/239
5,032,953	7/1991	Carl et al.	D13/182 X
5,302,778	4/1994	Maurinus	257/432 X
5,365,062	11/1994	Saffari et al.	250/239

OTHER PUBLICATIONS

LED circuit board indicators on p. 155 of *Arrow Electronics* catalog ©1988.

Infrared emitters on p. 166 of *Arrow Electronics* catalog ©1988.

Primary Examiner—Joel Sincavage
Attorney, Agent, or Firm—Beveridge, DeGrandi, Weilacher & Young

[57] **CLAIM**

The ornamental design for a module for receiving an infra-red signal of a remote controller, as shown and described.

DESCRIPTION

FIG. 1 is a perspective view of a first embodiment of the module for receiving an infra-red signal of a remote controller of the present invention showing our new design; FIG. 2 is a front plan view of the first embodiment of FIG. 1; FIG. 3 is a rear plan view of the first embodiment of FIG. 1; FIG. 4 is a top plan view of the first embodiment of FIG. 1; FIG. 5 is a bottom plan view of the first embodiment of FIG. 1;

FIG. 6 is a right side plan view of the first embodiment of FIG. 1; the left side plan view is symmetrically identical to FIG. 6 and is therefore not shown;

FIG. 7 is a perspective view of the second embodiment of the module for receiving infra-red signal of a remote controller of the present invention showing our new design;

FIG. 8 is a front plan view of the second embodiment of FIG. 7;

FIG. 9 is a rear plan view of the second embodiment of FIG. 7;

FIG. 10 is a top plan view of the second embodiment of FIG. 7;

FIG. 11 is a bottom plan view of the second embodiment of FIG. 7; and,

FIG. 12 is a right plan view of the second embodiment of FIG. 7; the left plan view is symmetrically identical to FIG. 12 and is therefore not shown.

1 Claim, 4 Drawing Sheets

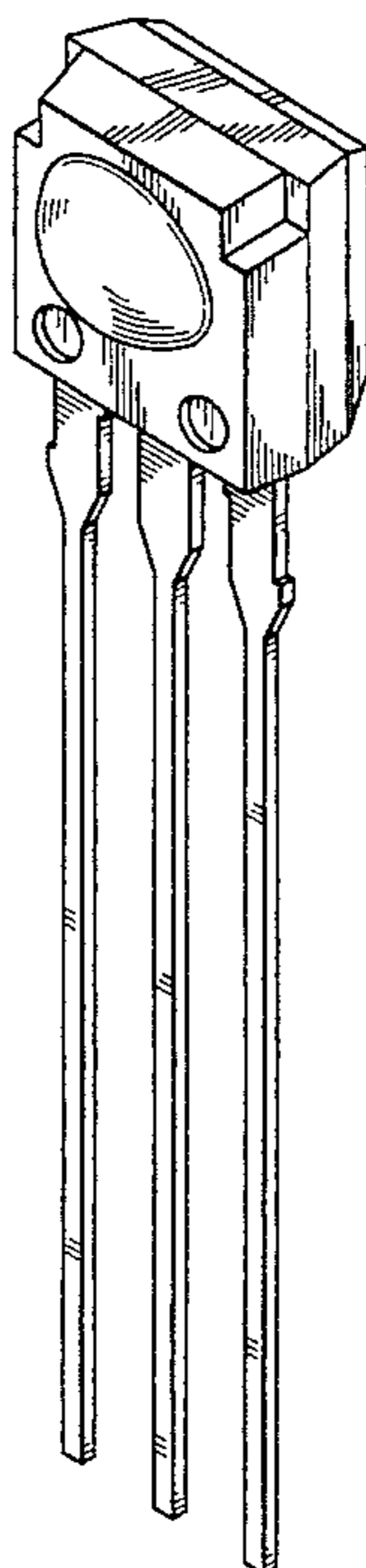


FIG. 1

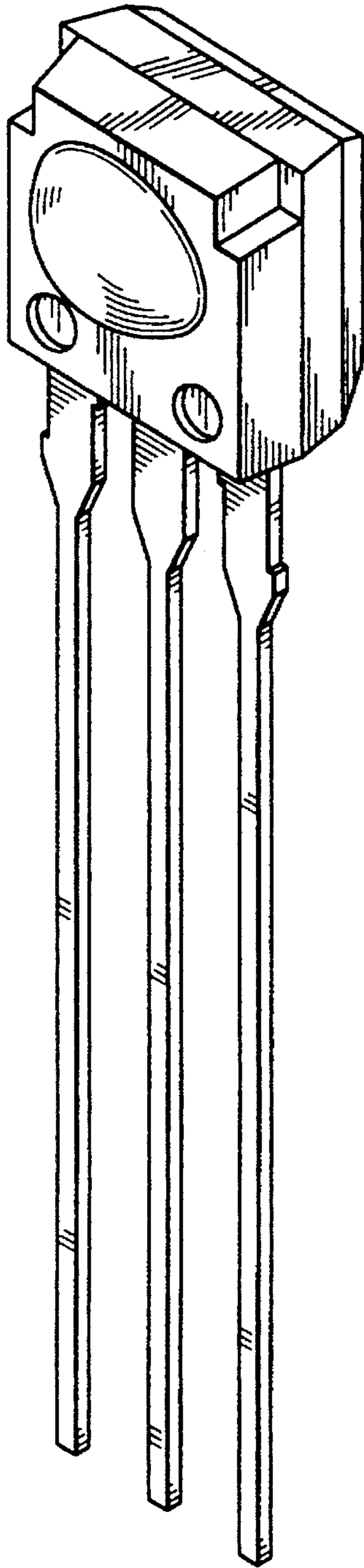


FIG. 2

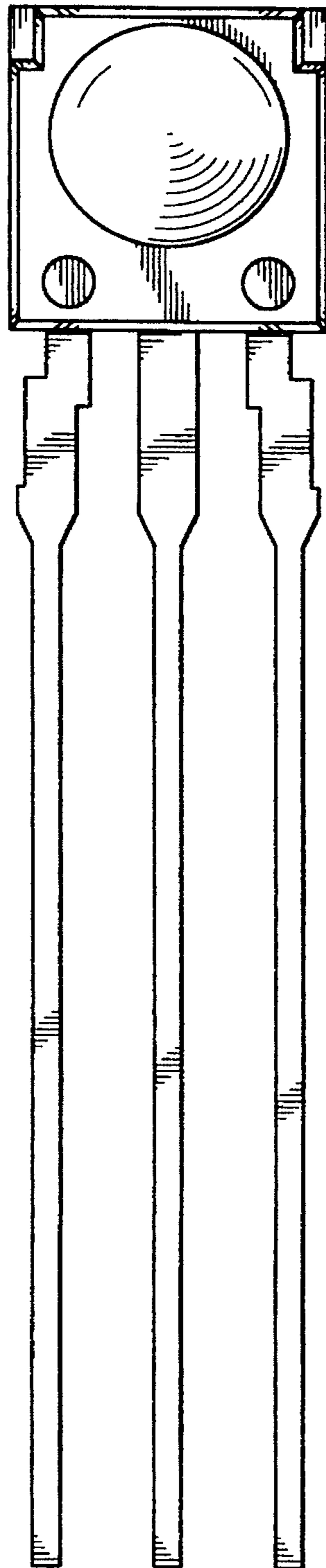


FIG. 3

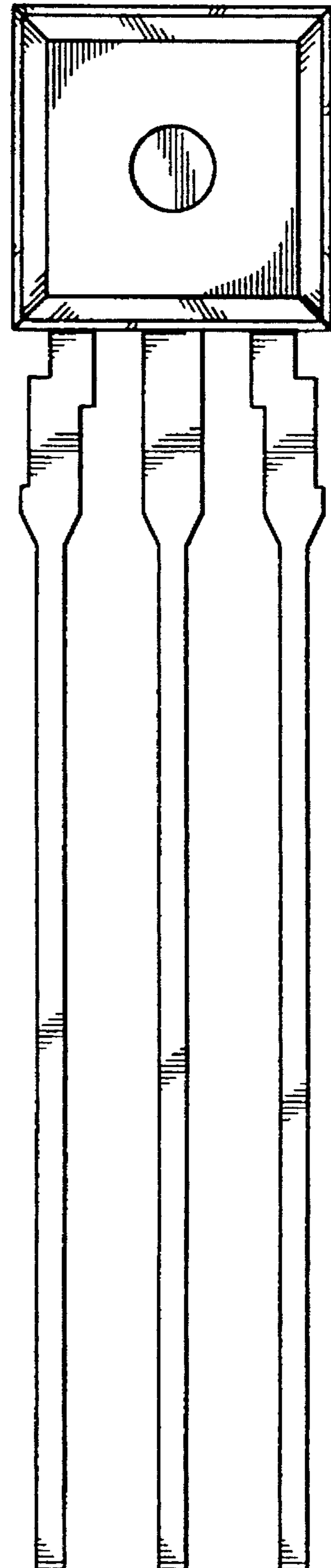


FIG. 4

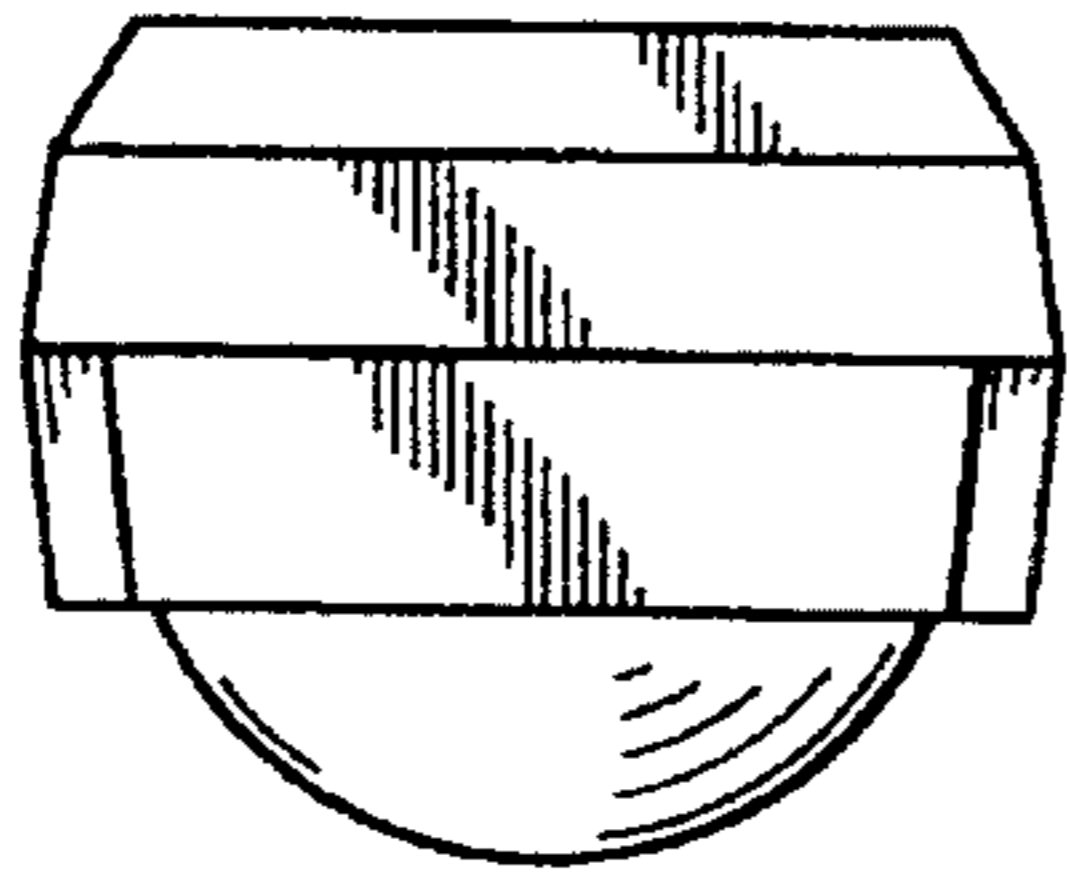


FIG. 5

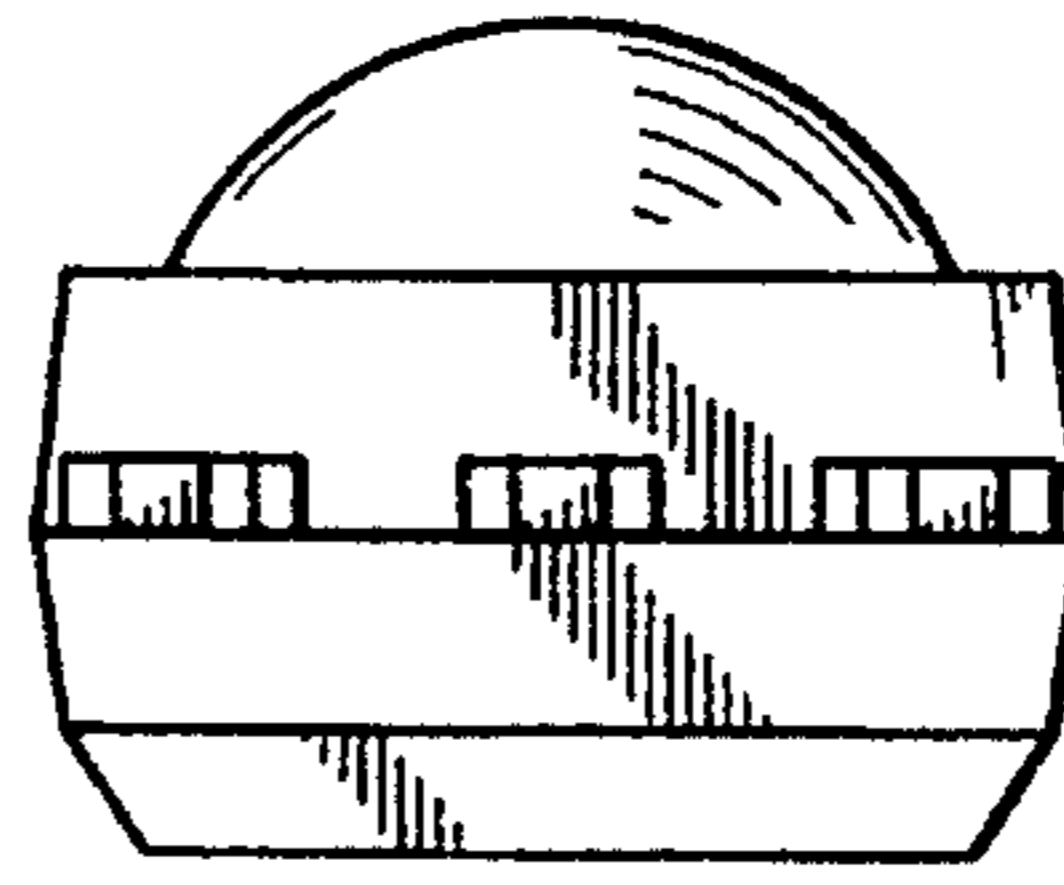


FIG. 6

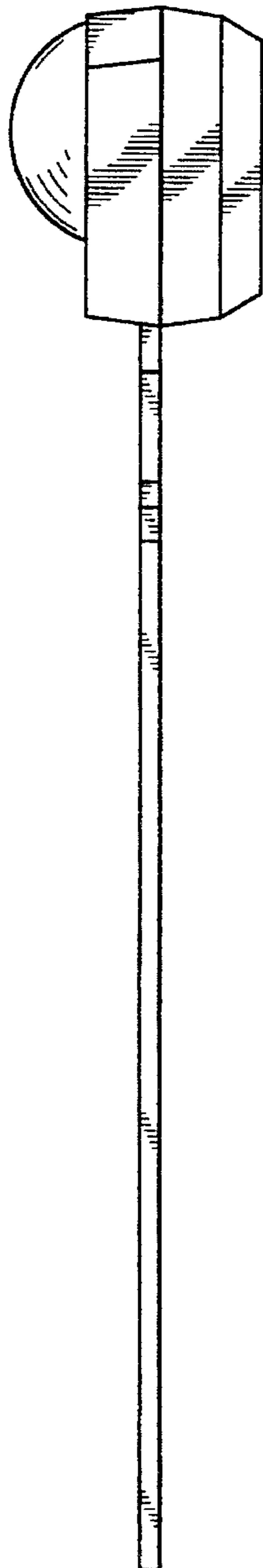


FIG. 7

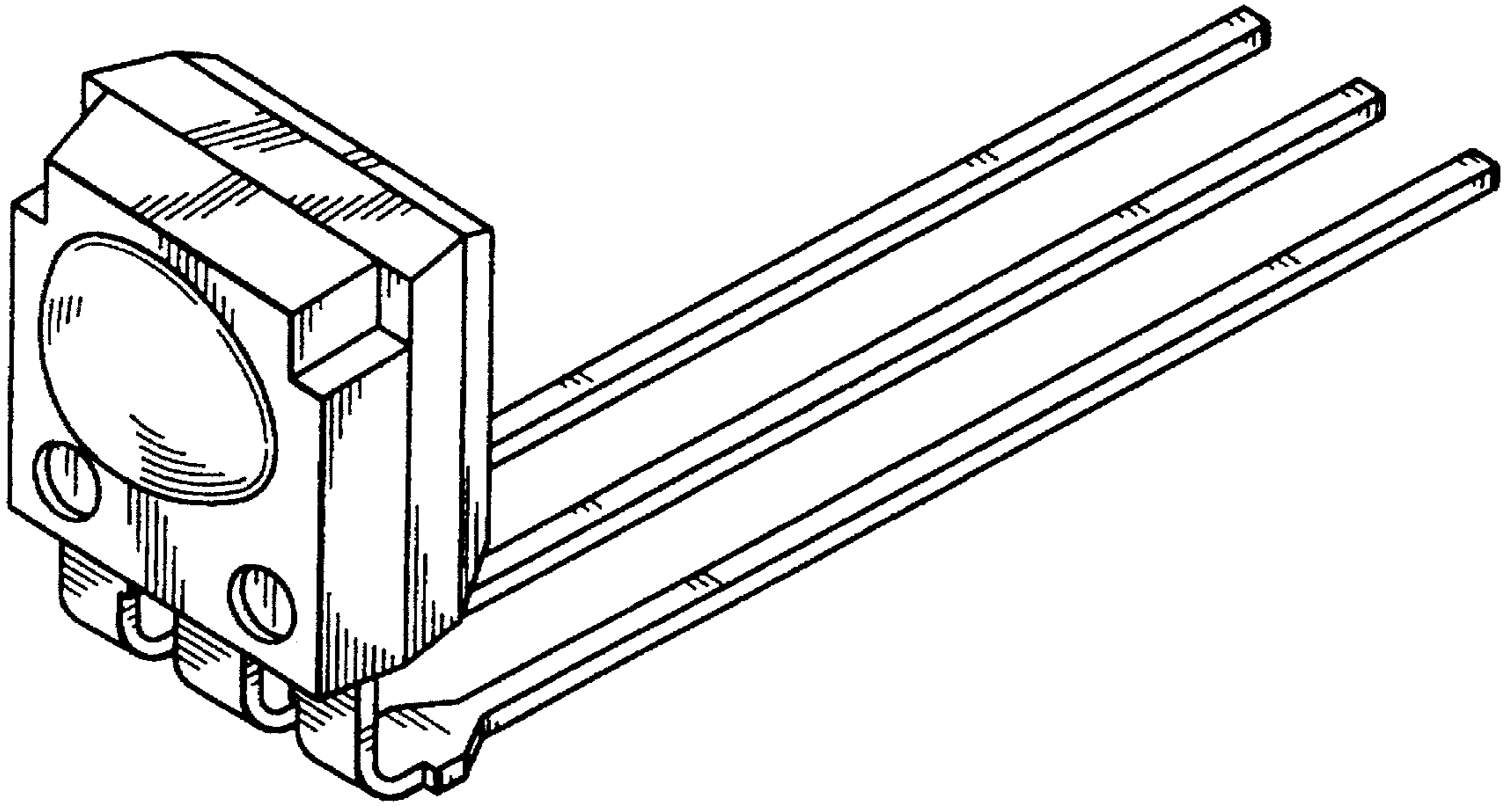


FIG. 8

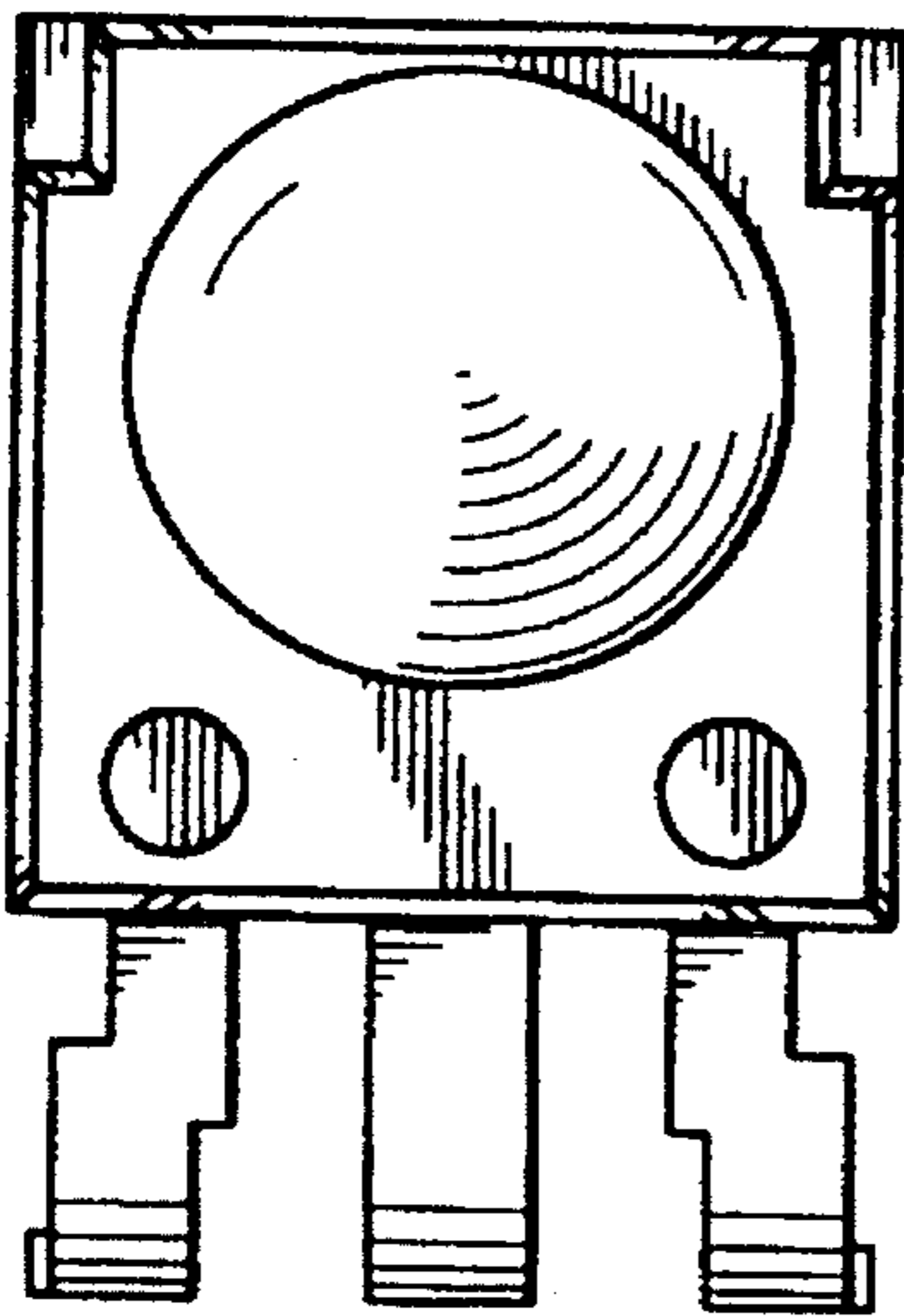


FIG. 9

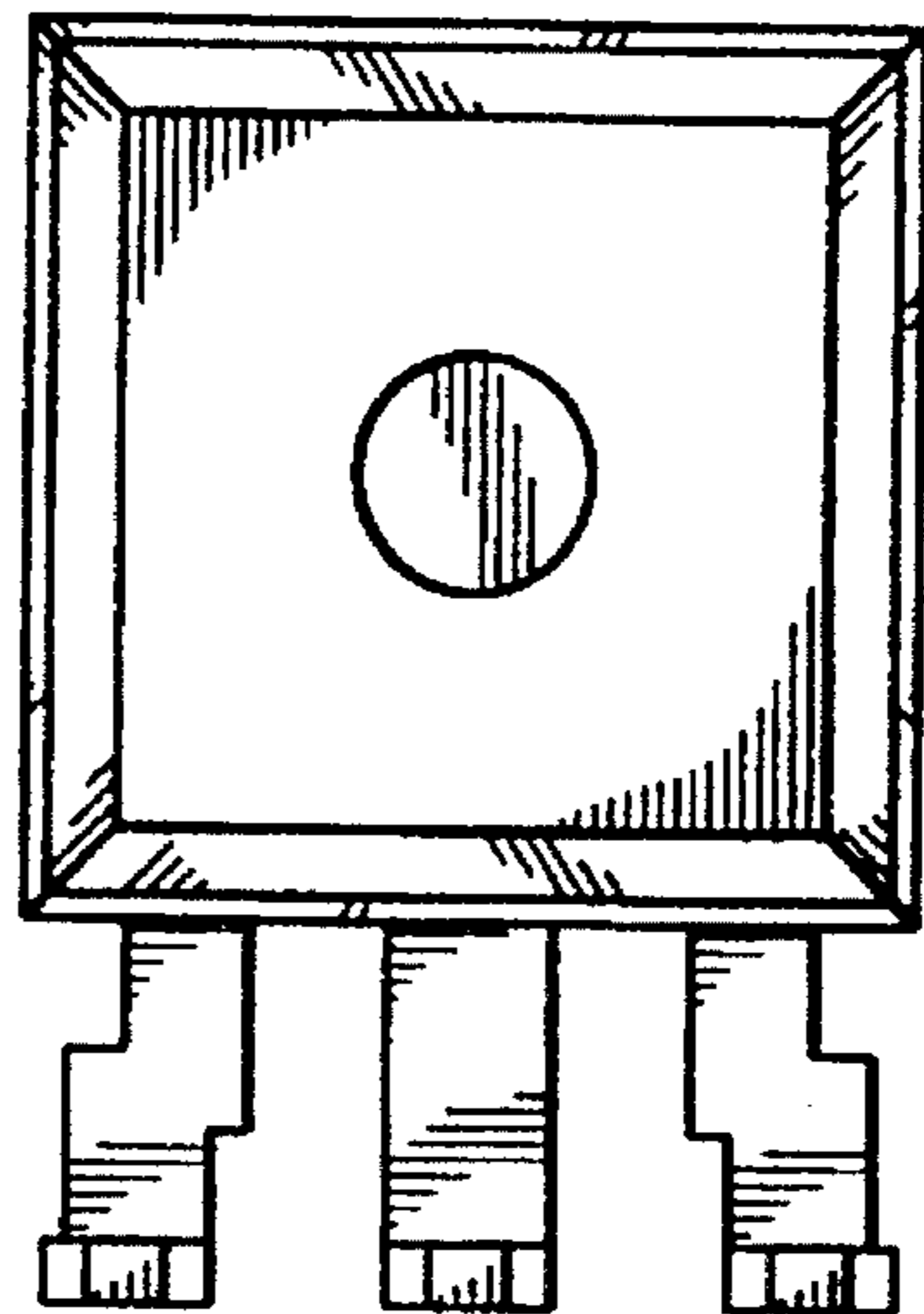


FIG. 10

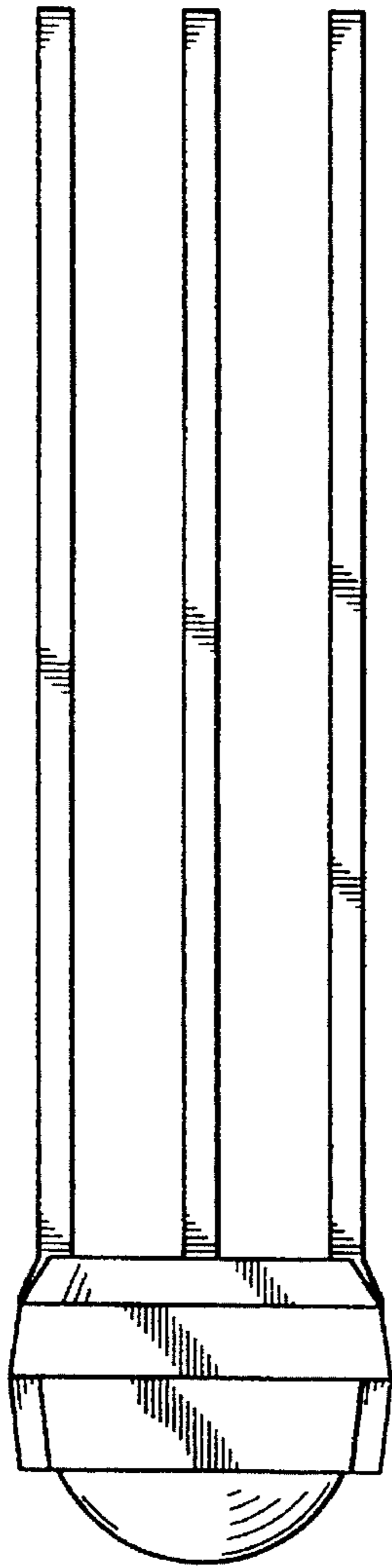


FIG. 11

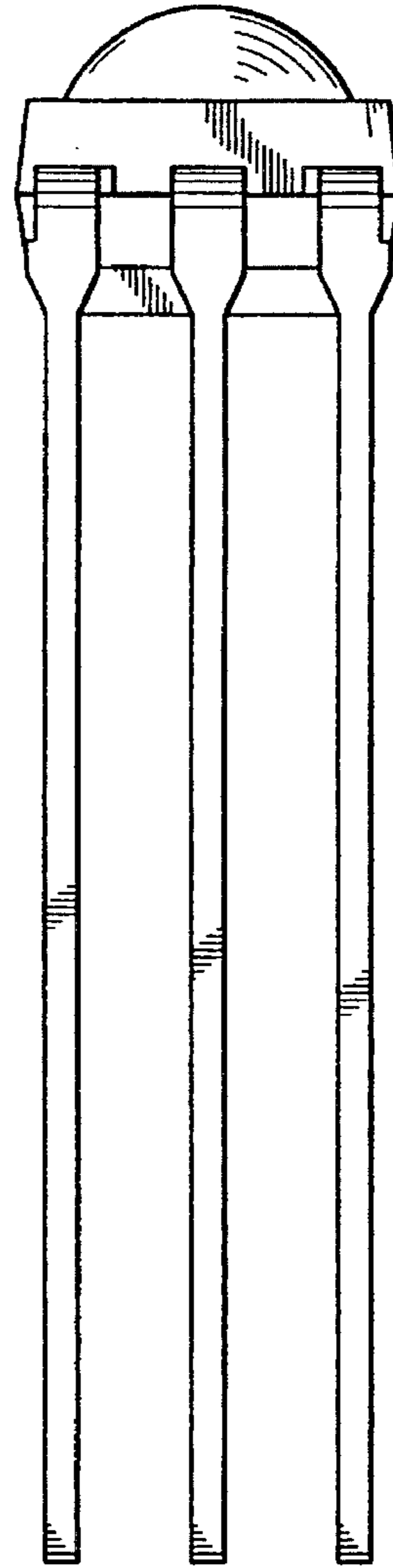


FIG. 12

