



US00D432095S

United States Patent [19]

[11] Patent Number: Des. 432,095

Seeger et al.

[45] Date of Patent: ** Oct. 17, 2000

[54] LIGHT-EMITTING SEMI-CONDUCTOR COMPONENT

[75] Inventors: Reinhold Seeger, Eppingen; Jürgen Riedel, Gemmingen, both of Germany

[73] Assignee: Vishay Semiconductor GmbH, Heilbronn, Germany

[**] Term: 14 Years

[21] Appl. No.: 29/102,994

[22] Filed: Apr. 6, 1999

[30] Foreign Application Priority Data

Oct. 9, 1998 [DE] Germany 4 98 10 368

[51] LOC (7) Cl. 13-03

[52] U.S. Cl. D13/182

[58] Field of Search D13/182; 362/800; D26/2; D10/111, 114

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Primary Examiner—Brian N. Vinson

Attorney, Agent, or Firm—Evenson, McKeown, Edwards & Lenahan, P.L.L.C.

[57] CLAIM

The ornamental design for a light-emitting semi-conductor component, as shown and described.

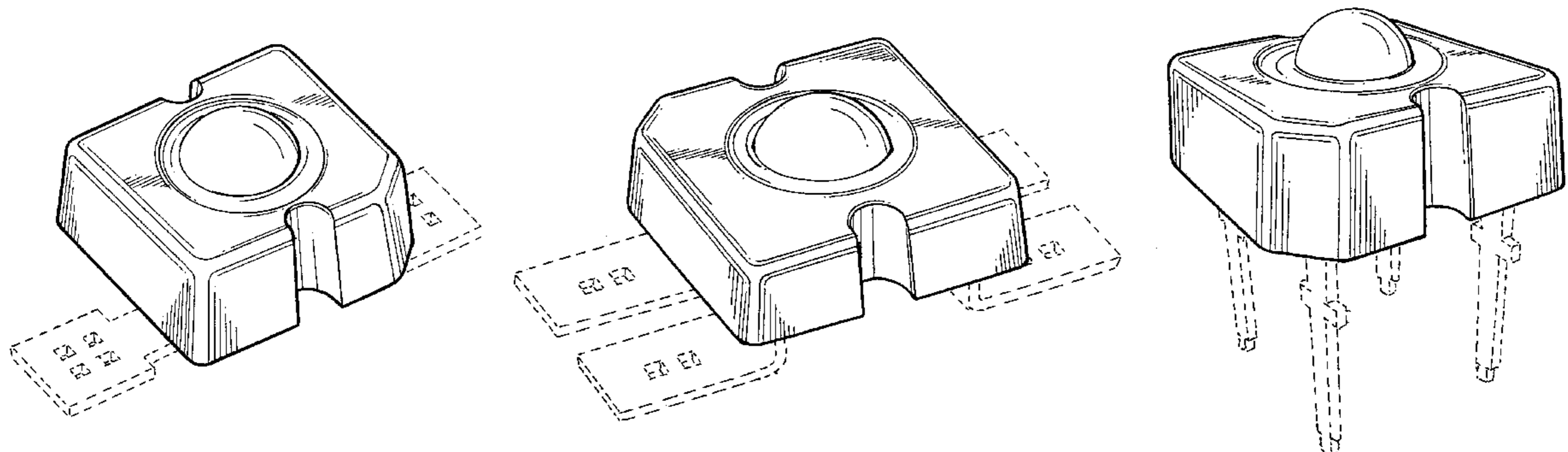
DESCRIPTION

FIG. 1 is a perspective right side view of a light-emitting semi-conductor component according to our novel design; FIG. 2 is a top view of the light-emitting semi-conductor component according to our novel design; FIG. 3 is a bottom view of the light-emitting semi-conductor component according to our novel design; FIG. 4 is a right side view of the light-emitting semi-conductor component according to our novel design;

FIG. 5 is a left side view of the light-emitting semi-conductor component according to our novel design; FIG. 6 is a front view of the light-emitting semi-conductor component according to our novel design; FIG. 7 is a back view of the light-emitting semi-conductor component according to our novel design; FIG. 8 is another perspective right side view of the light-emitting semi-conductor component according to our novel design, depicting an alternative environment; FIG. 9 is another top view of the light-emitting semi-conductor component according to our novel design, depicting an alternative environment; FIG. 10 is another bottom view of the light-emitting semi-conductor component according to our novel design, depicting an alternative environment; FIG. 11 is another right side view of the light-emitting semi-conductor component according to our novel design, depicting an alternative environment; FIG. 12 is another left side view of the light-emitting semi-conductor component according to our novel design, depicting an alternative environment; FIG. 13 is another front view of the light-emitting semi-conductor component according to our novel design, depicting an alternative environment; FIG. 14 is another back view of the light-emitting semi-conductor component according to our novel design, depicting an alternative environment; FIG. 15 is another perspective right side view of the light-emitting semi-conductor component according to our novel design, depicting an alternative environment; FIG. 16 is another top view of the light-emitting semi-conductor component according to our novel design, depicting an alternative environment; FIG. 17 is another bottom view of the light-emitting semi-conductor component according to our novel design, depicting an alternative environment; FIG. 18 is another right side view of the light-emitting semi-conductor component according to our novel design, depicting an alternative environment; FIG. 19 is another left side view of the light-emitting semi-conductor component according to our novel design, depicting an alternative environment; FIG. 20 is another front view of the light-emitting semi-conductor component according to our novel design, depicting an alternative environment; and, FIG. 21 is another back view of the light-emitting semi-conductor component according to our novel design, depicting an alternative environment.

The dash lines included depict environment and are not part of the claimed design.

1 Claim, 9 Drawing Sheets



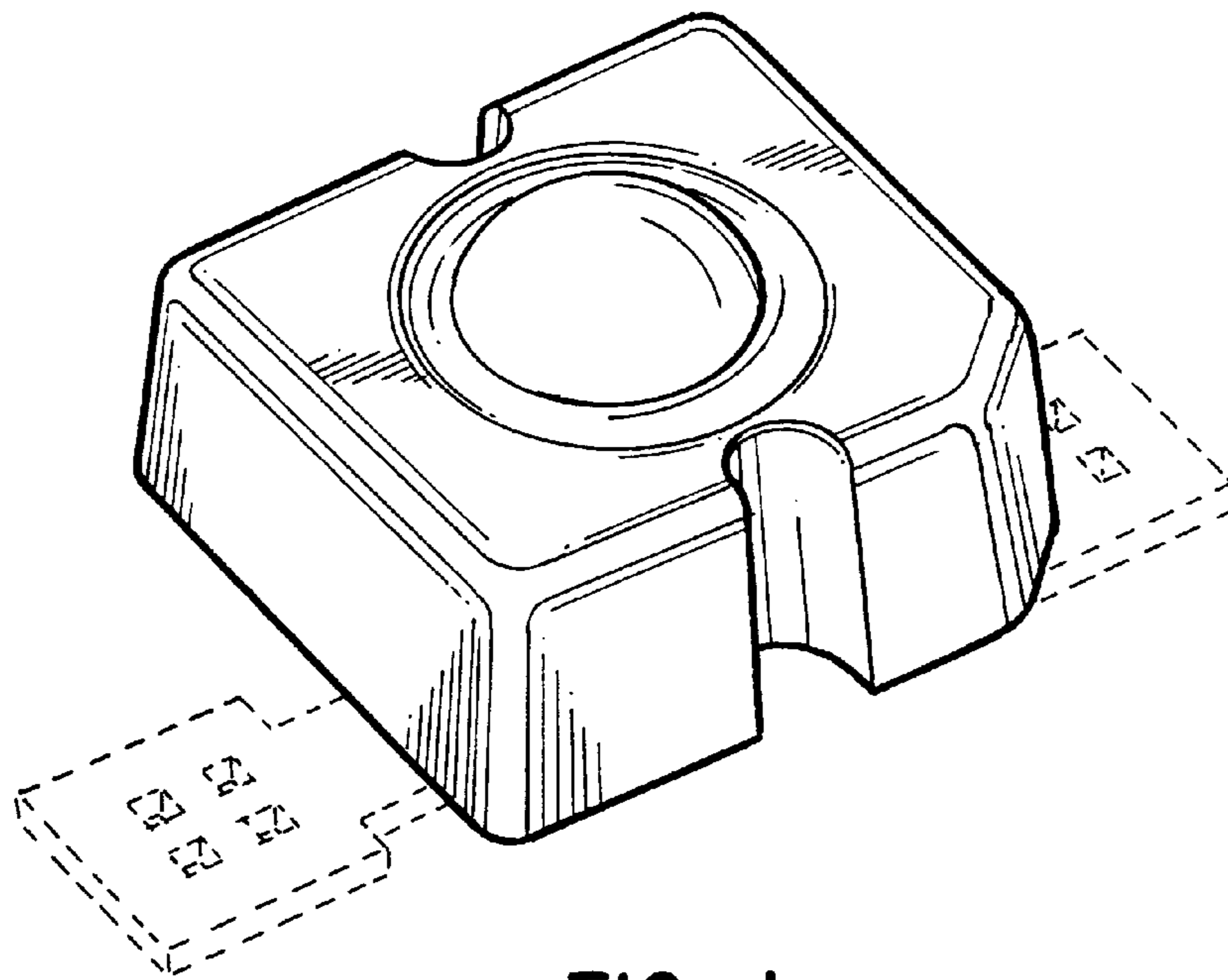


FIG. 1

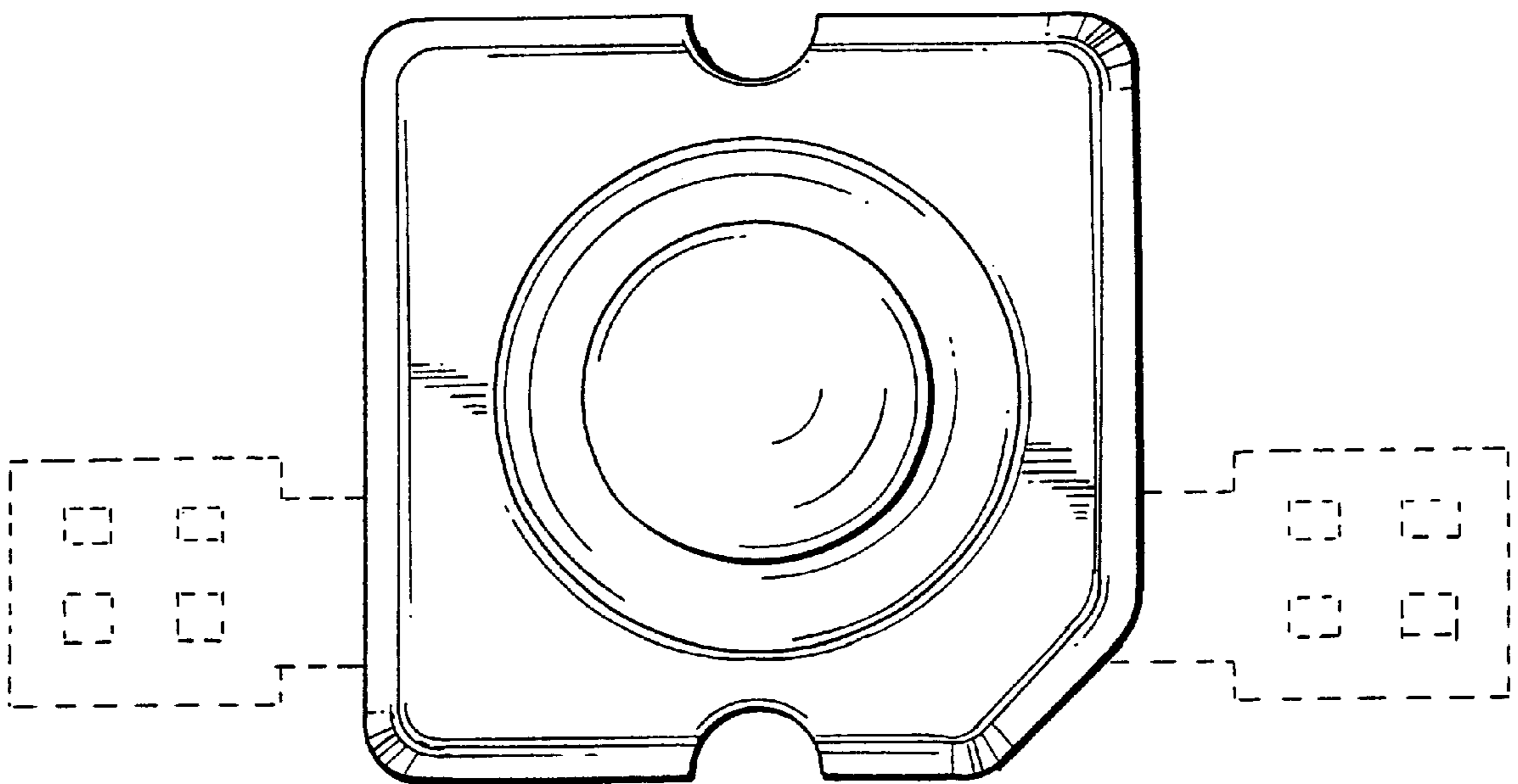


FIG. 2

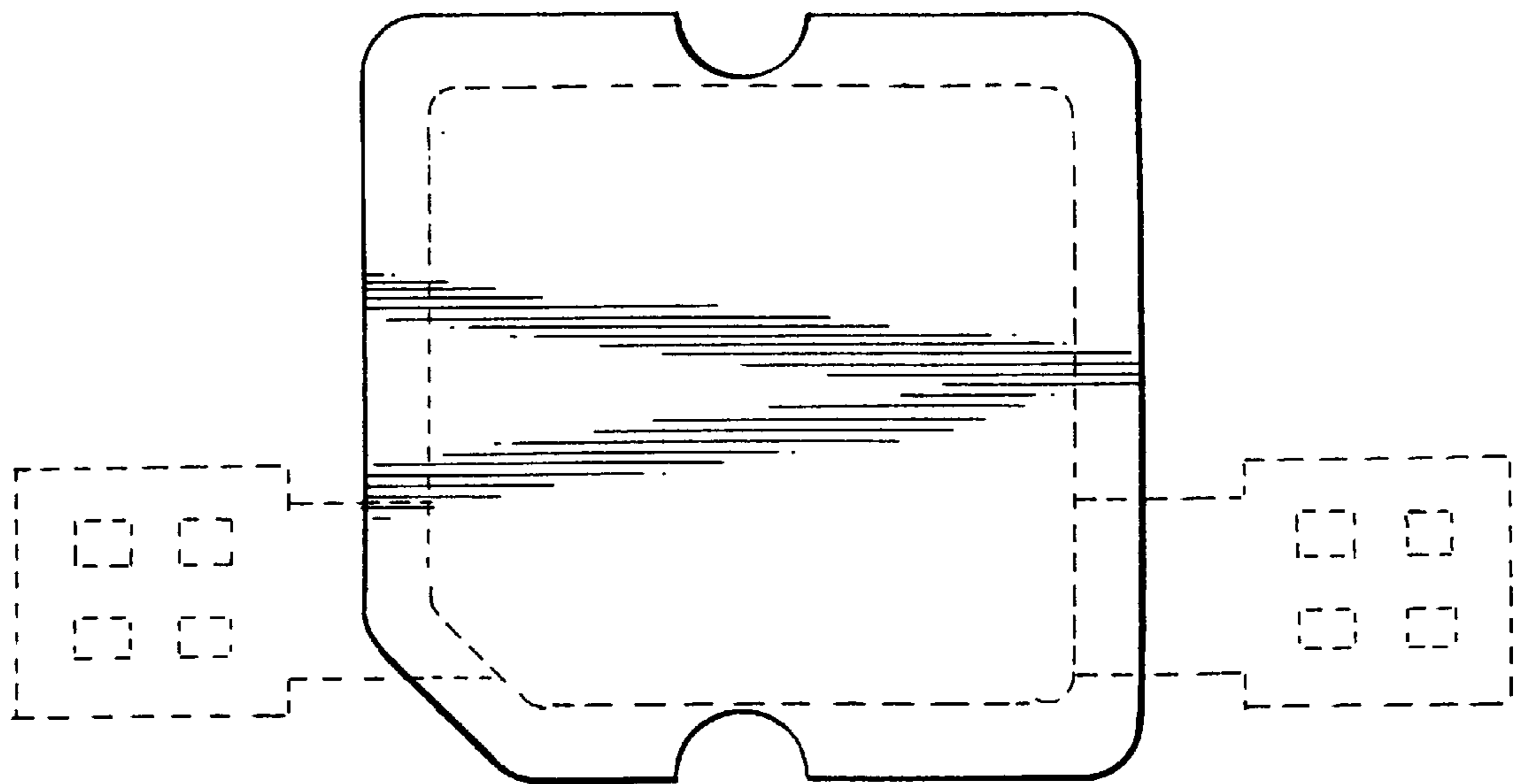


FIG. 3

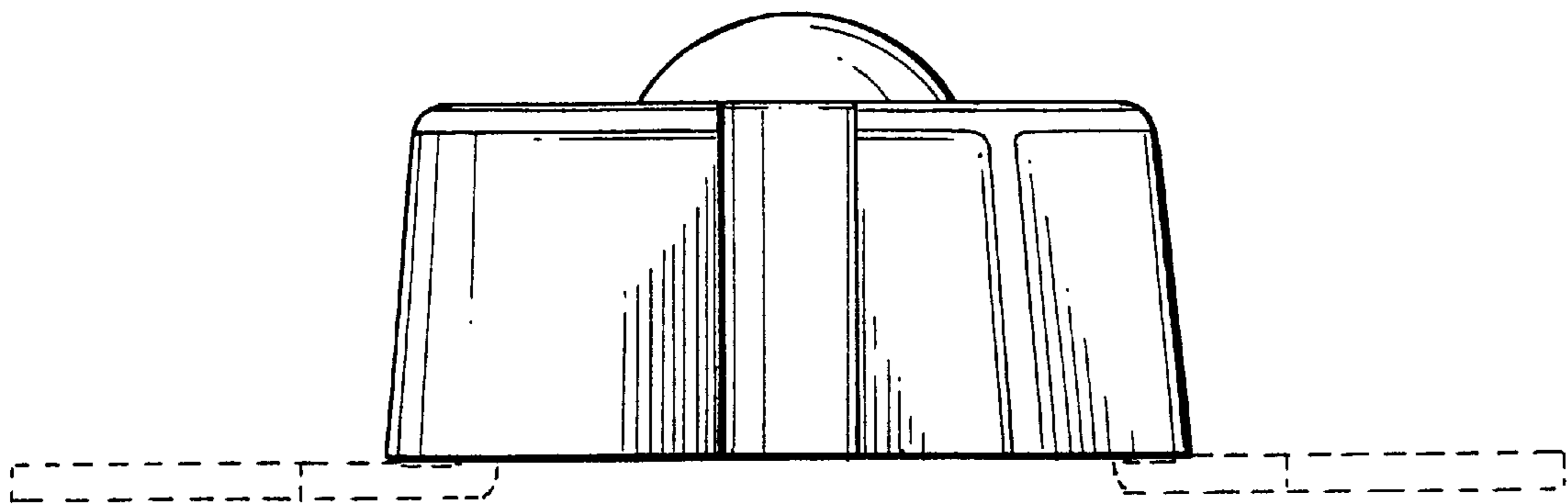


FIG. 4

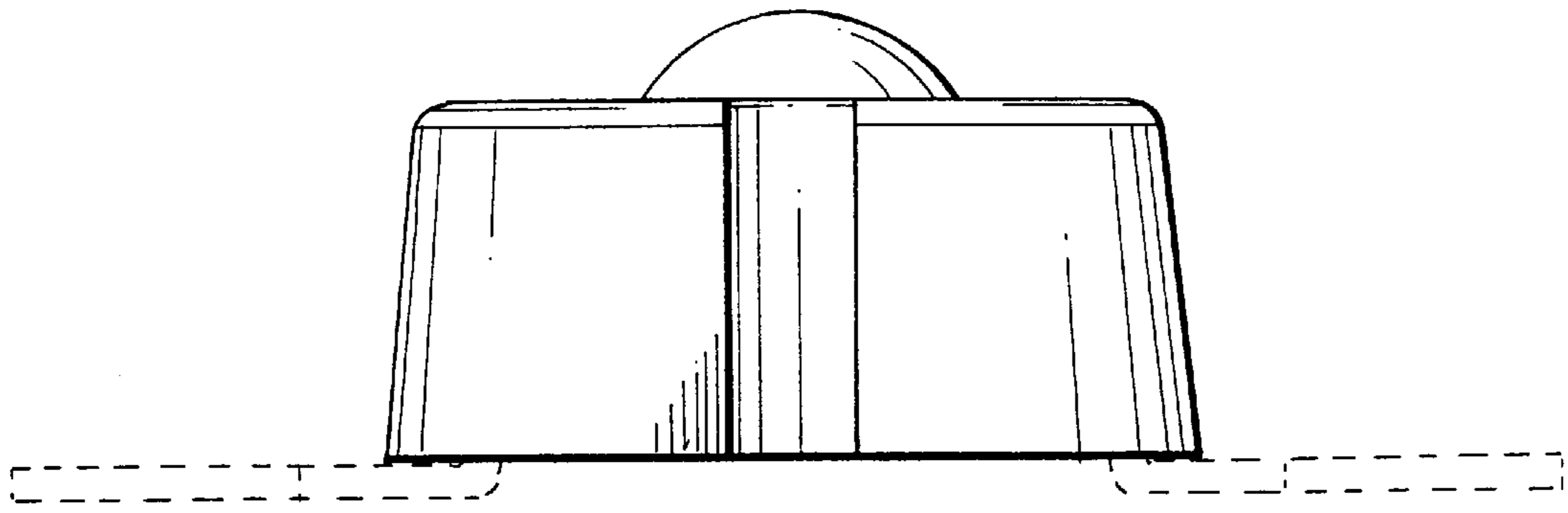


FIG. 5

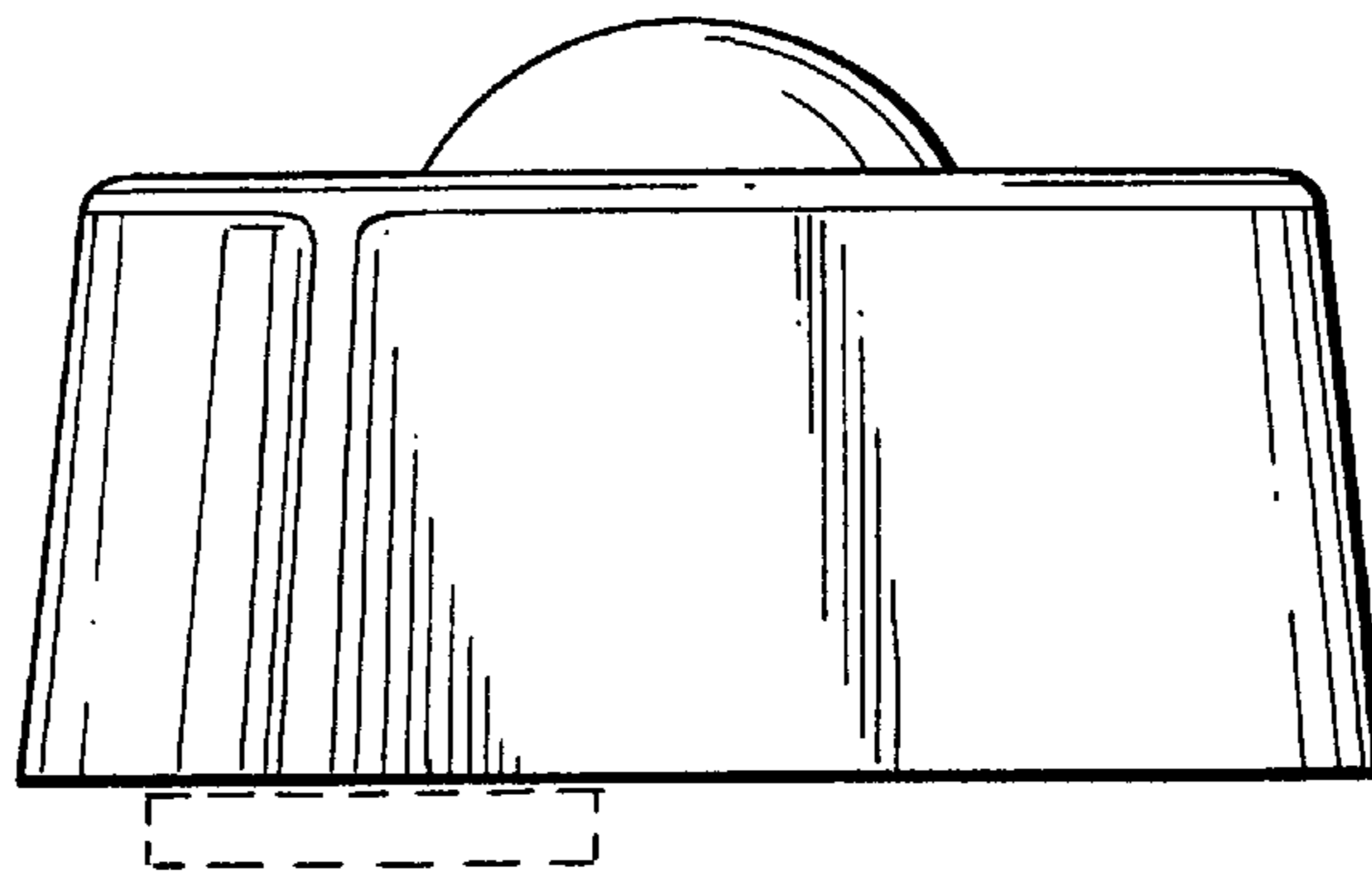


FIG. 6

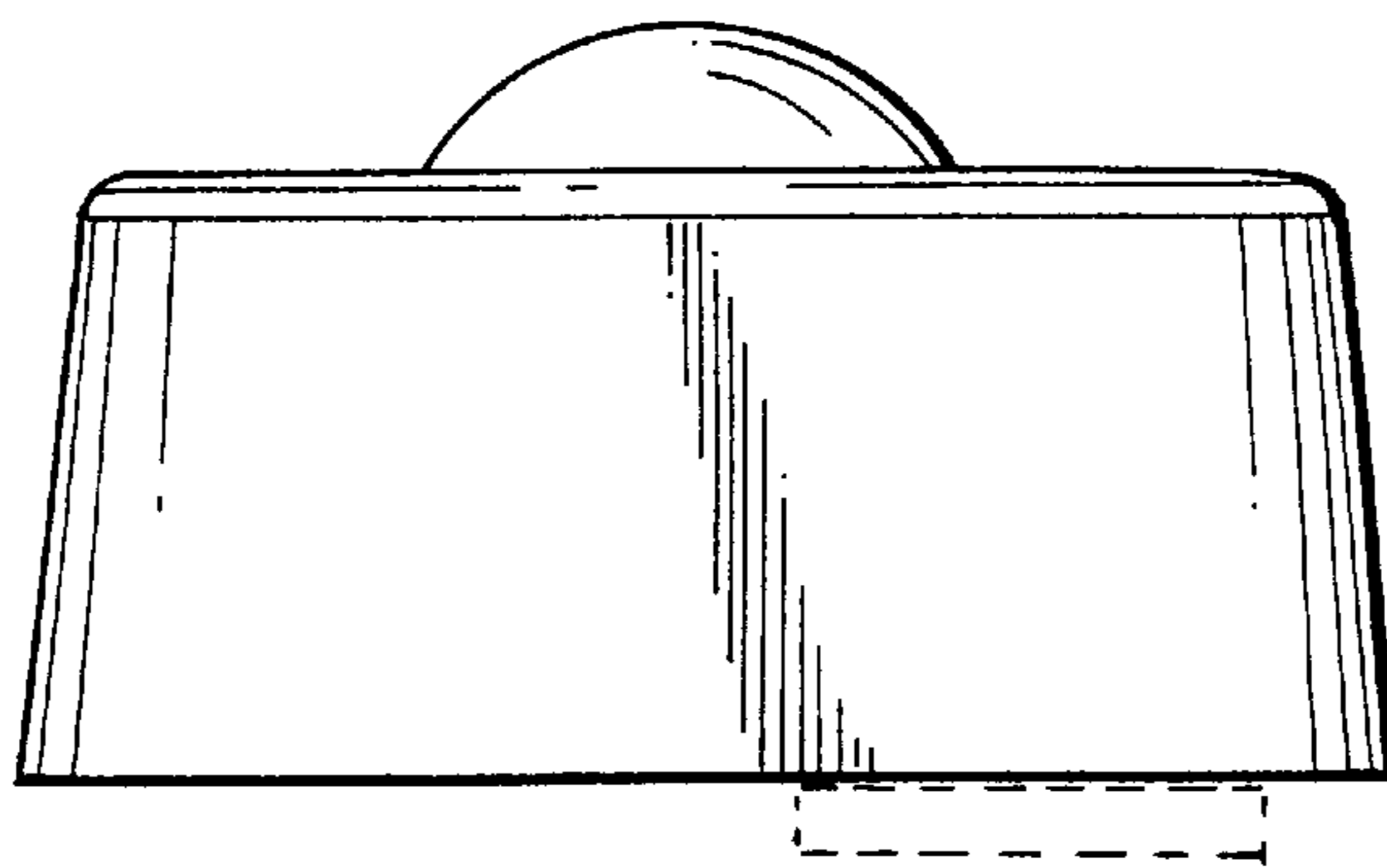


FIG. 7

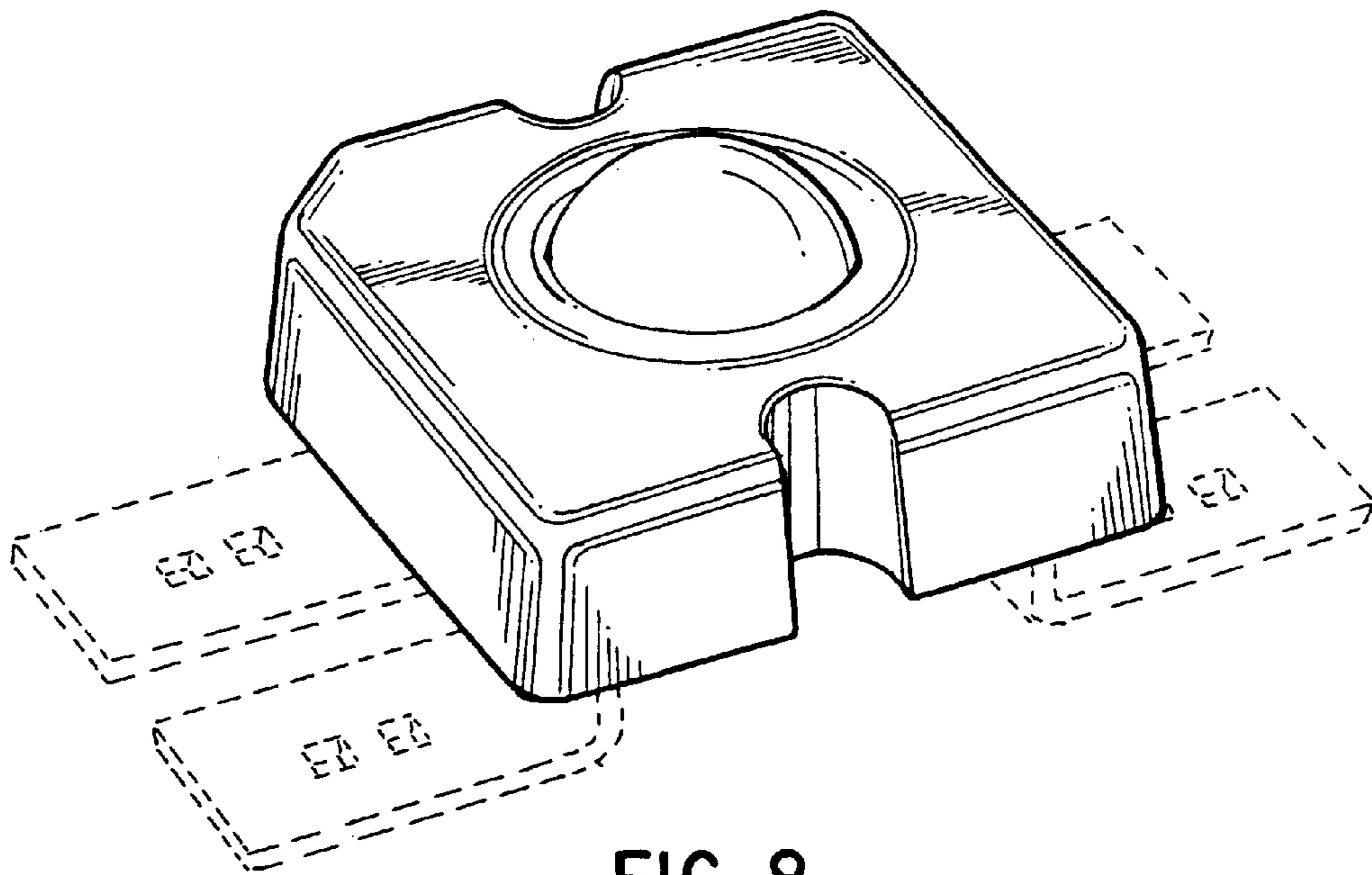


FIG. 8

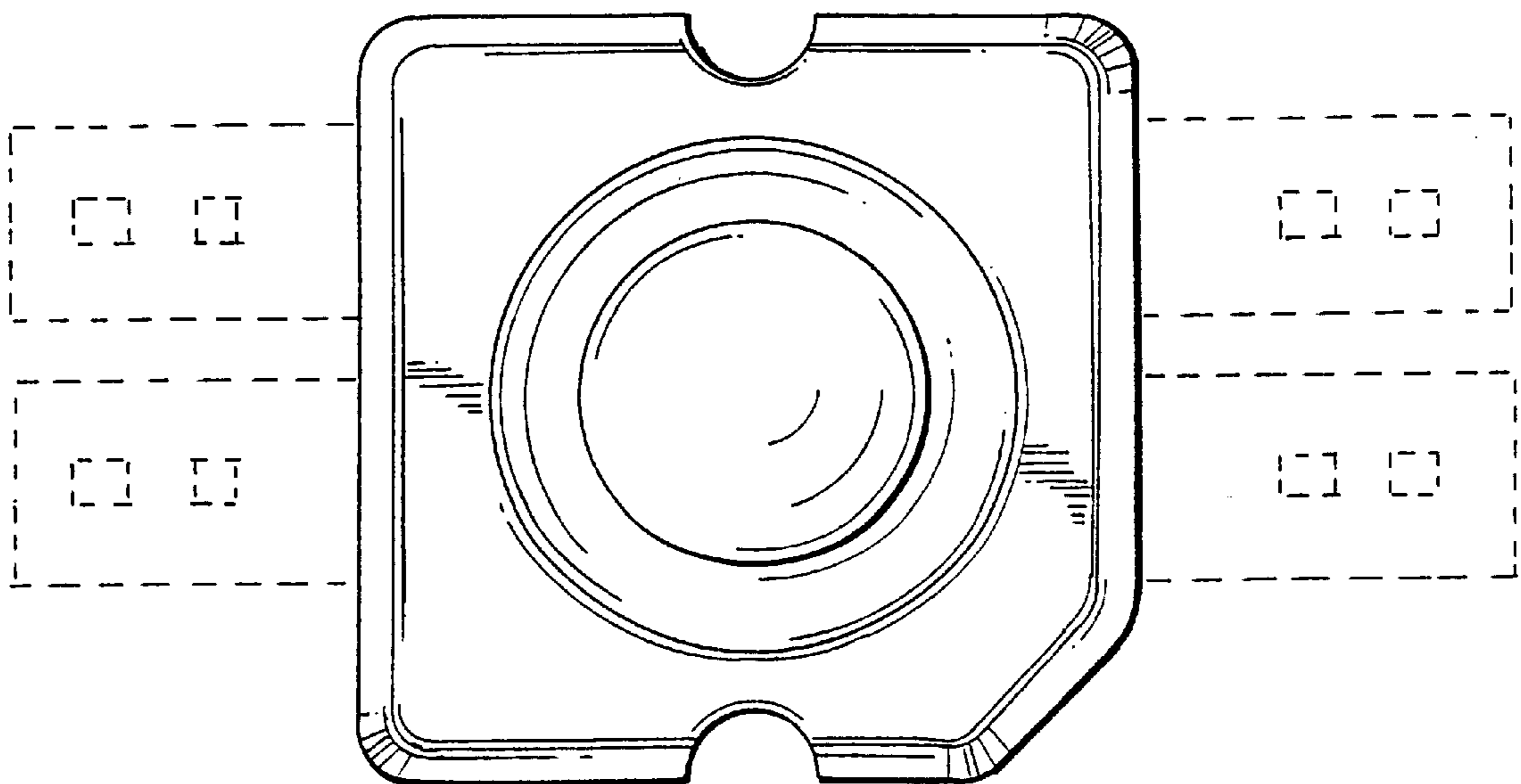


FIG. 9

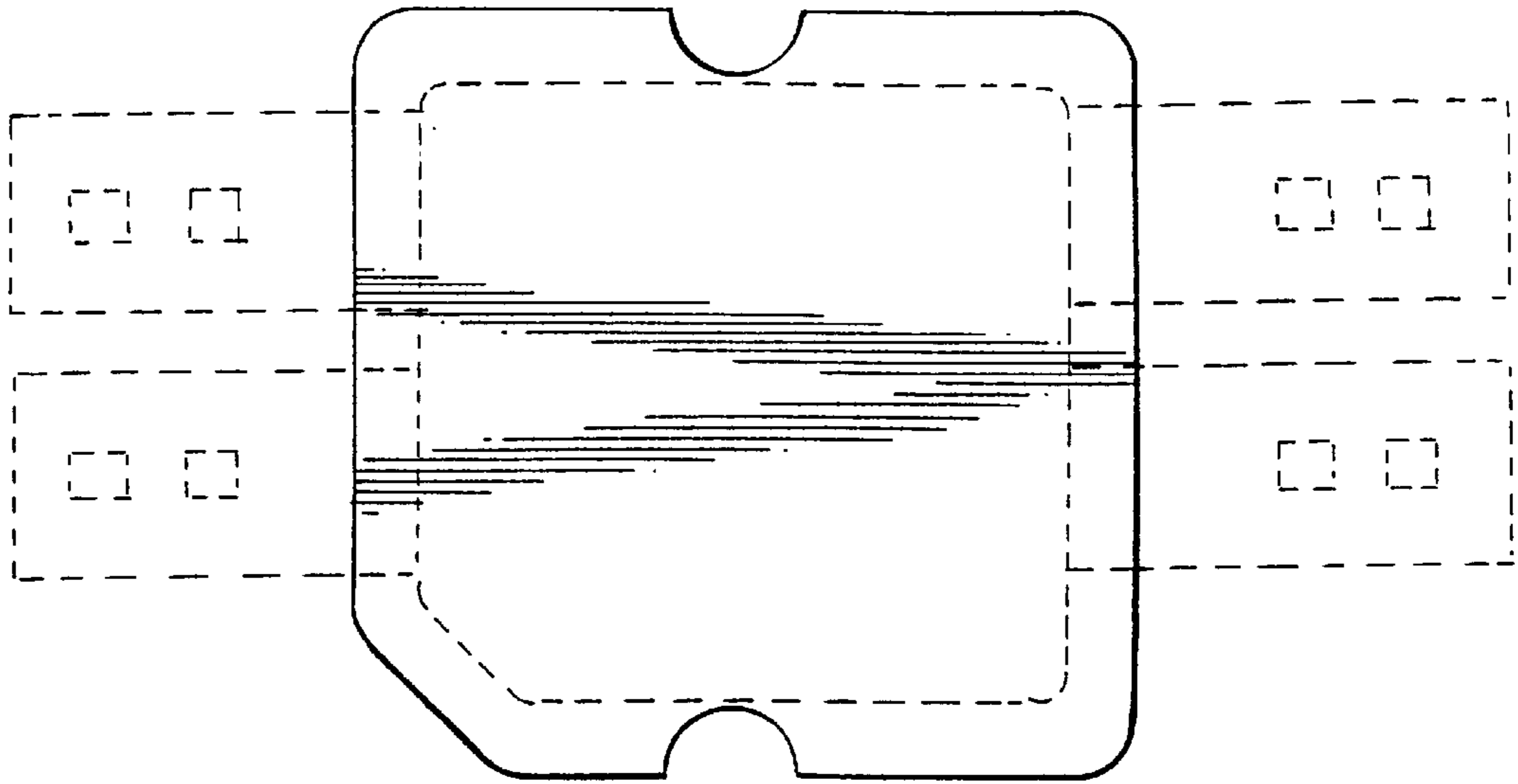


FIG. 10

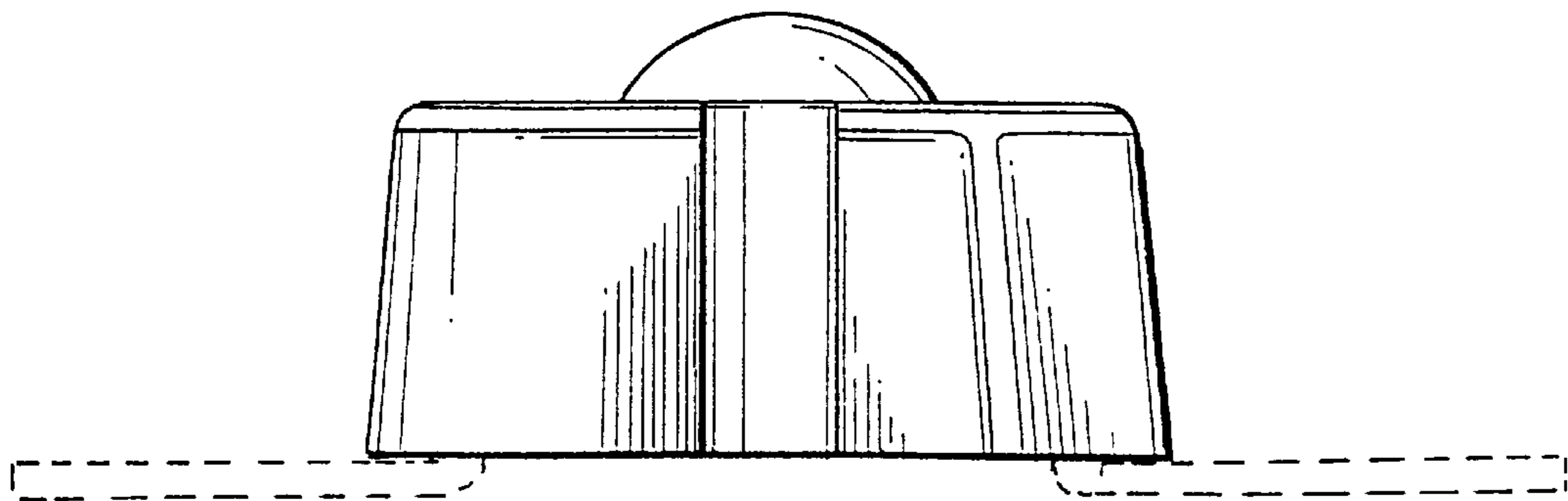


FIG. 11

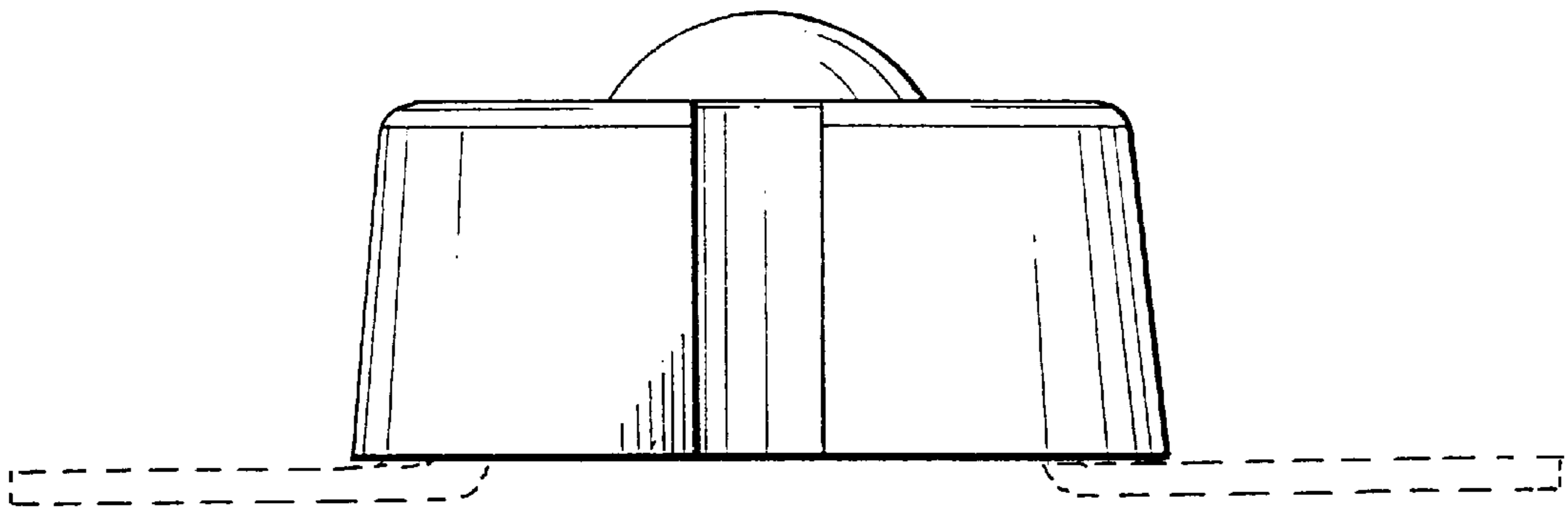


FIG. 12

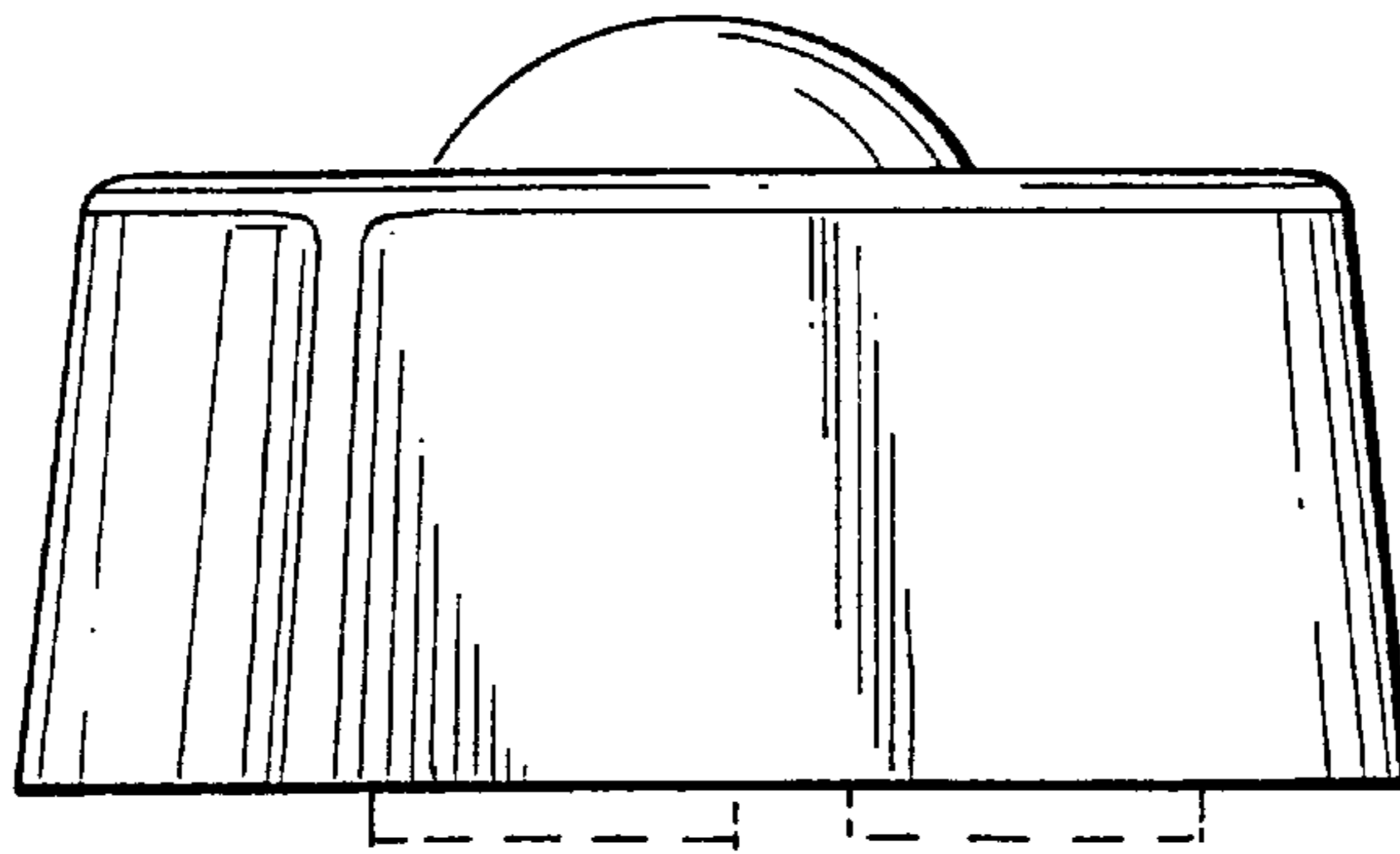


FIG. 13

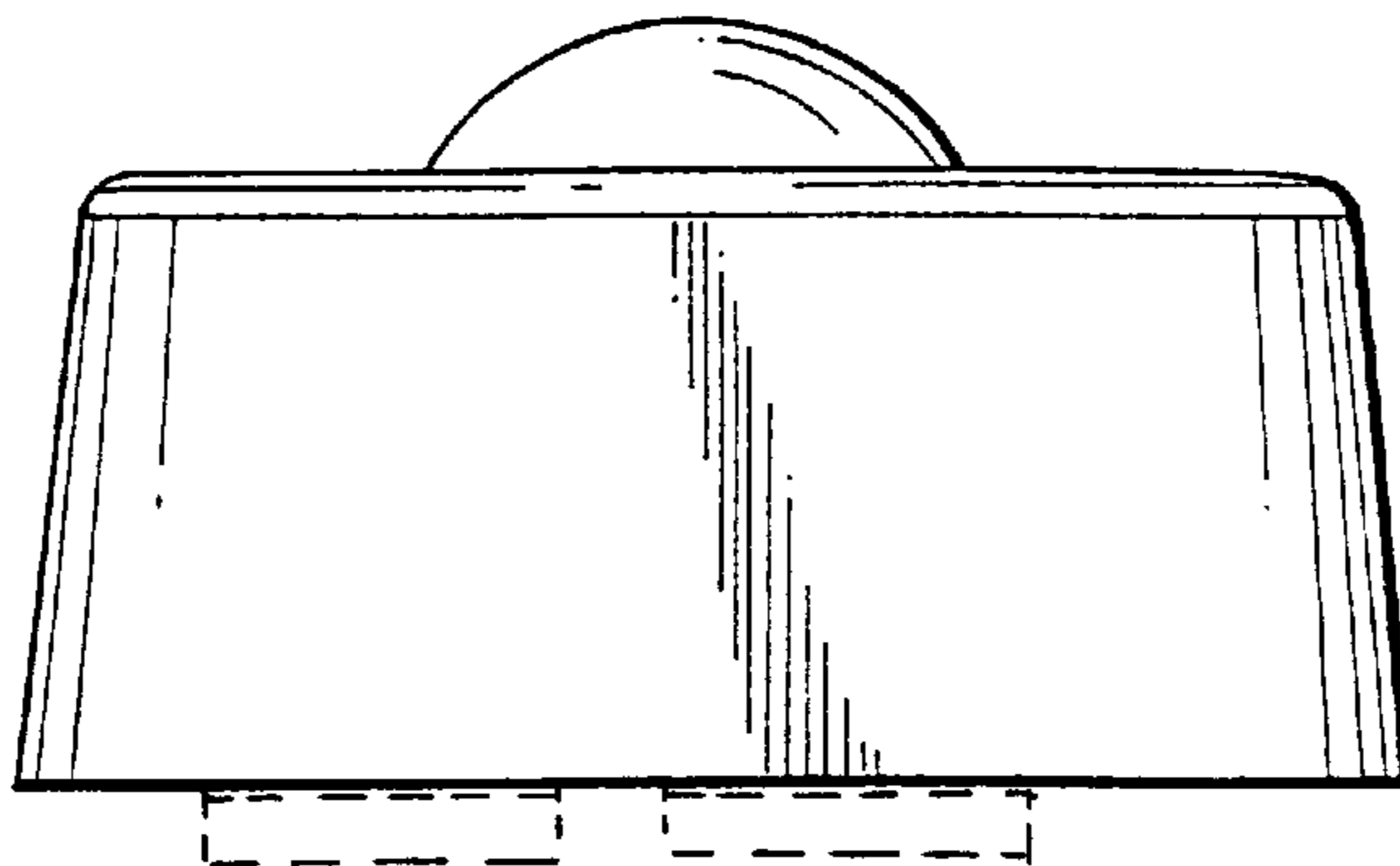


FIG. 14

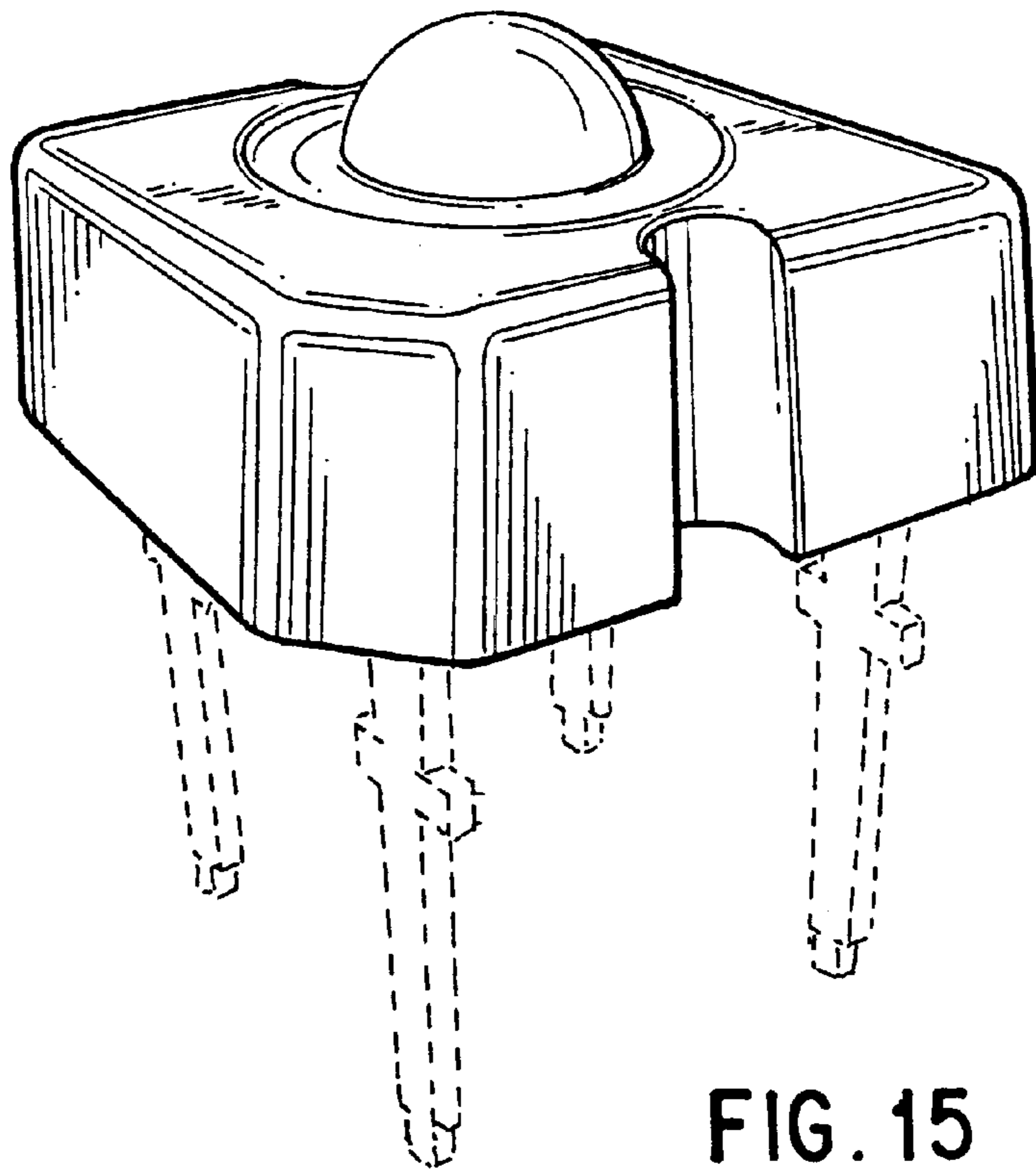


FIG. 15

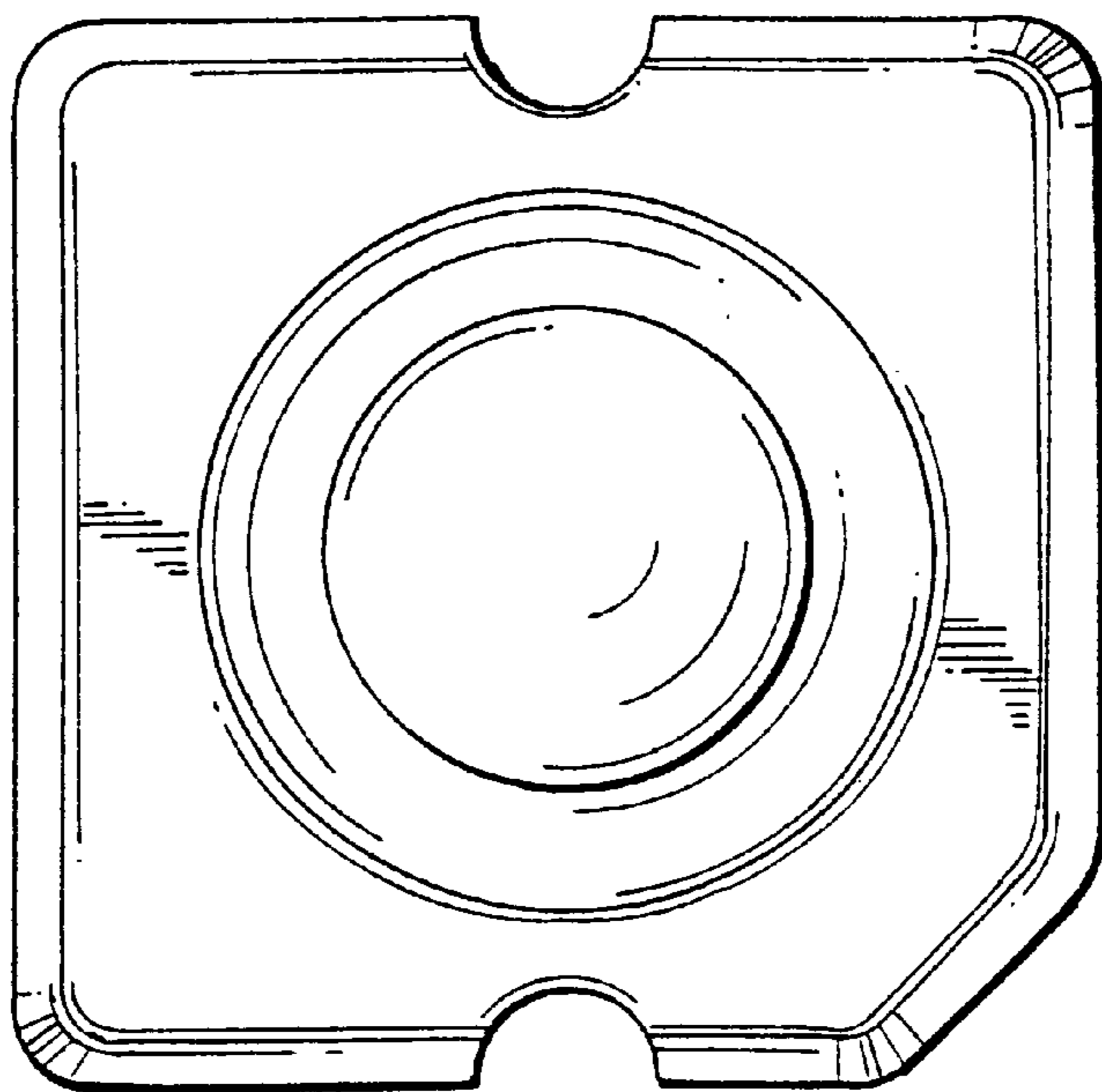


FIG. 16

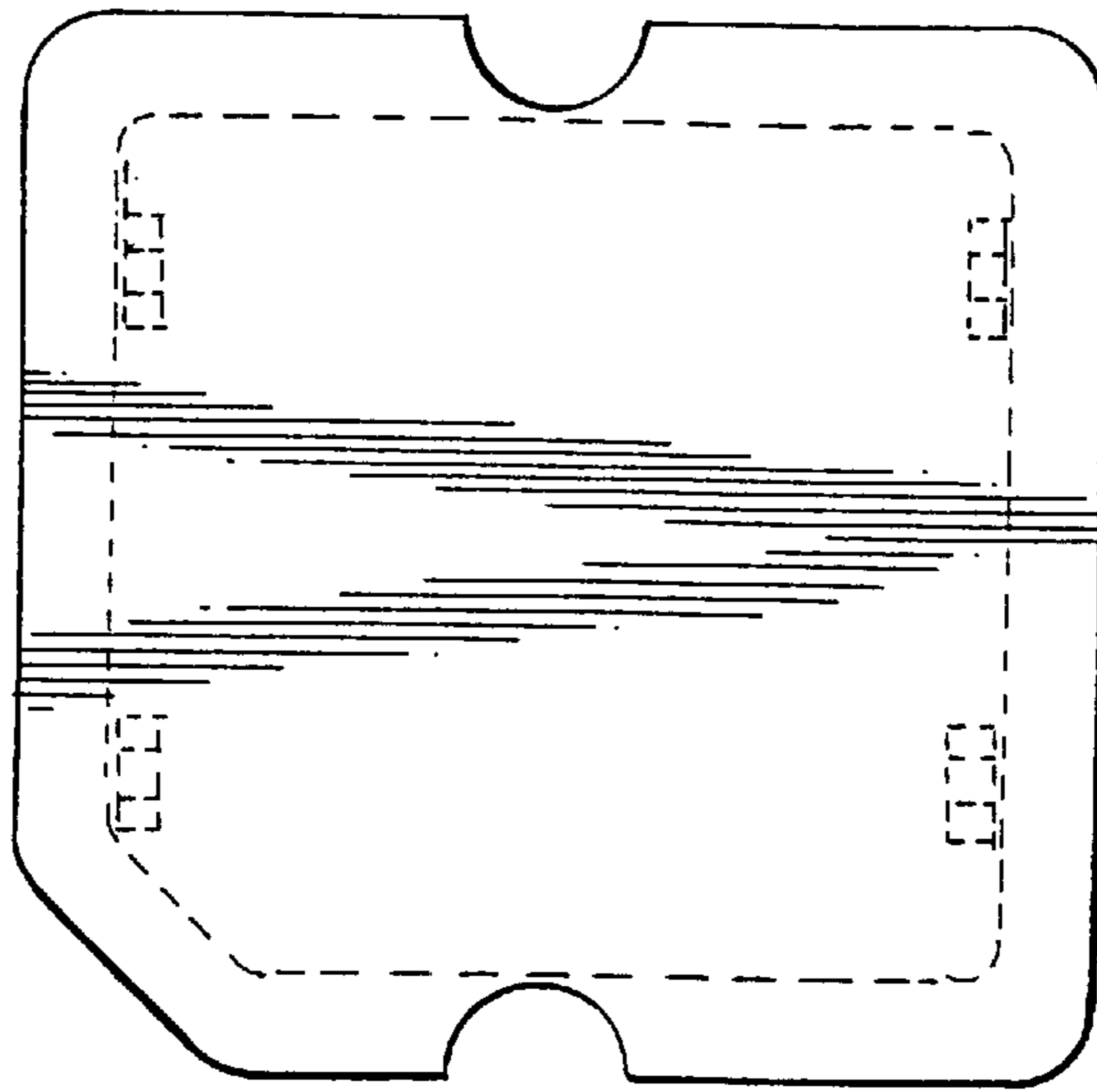


FIG. 17

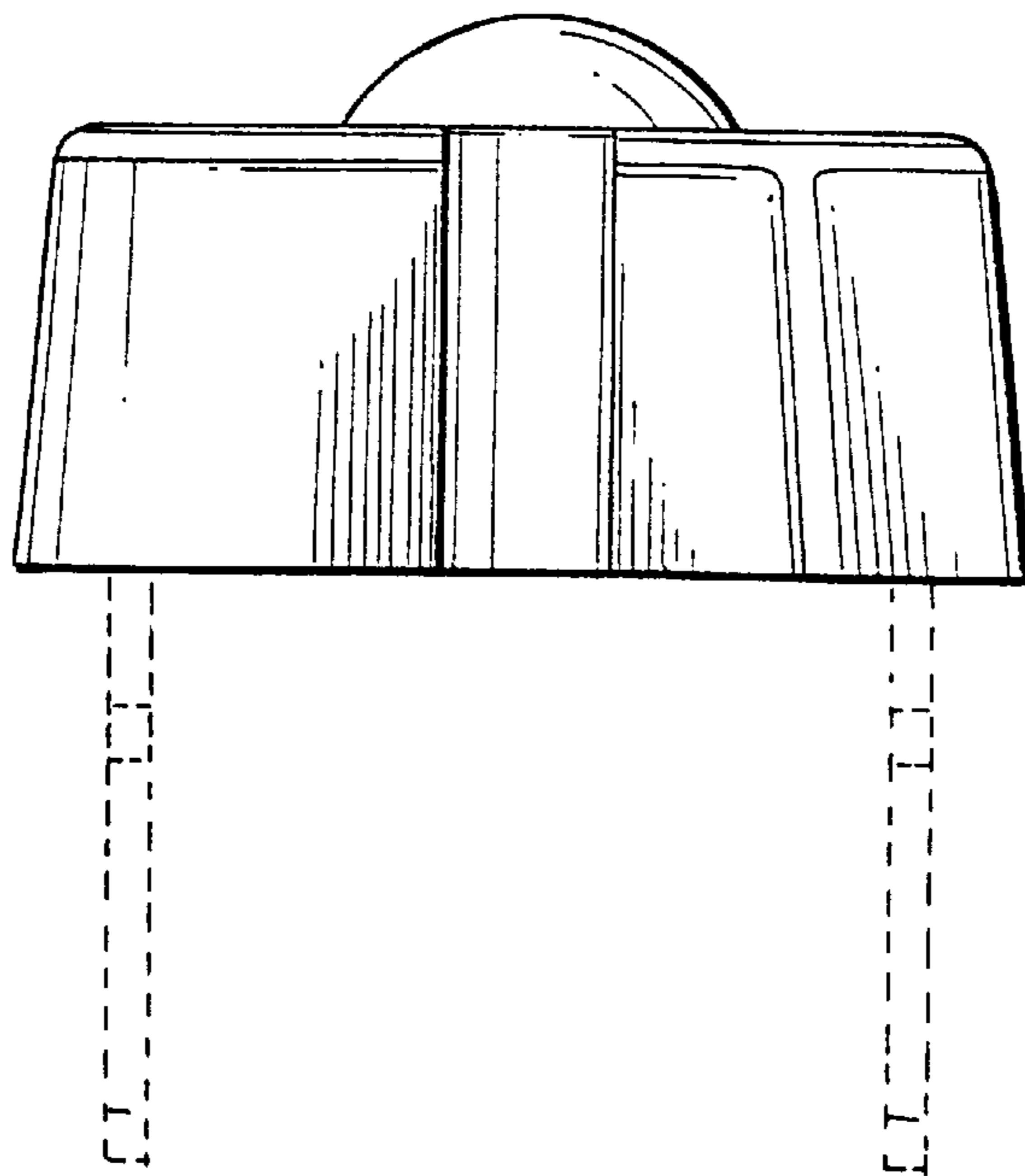


FIG. 18

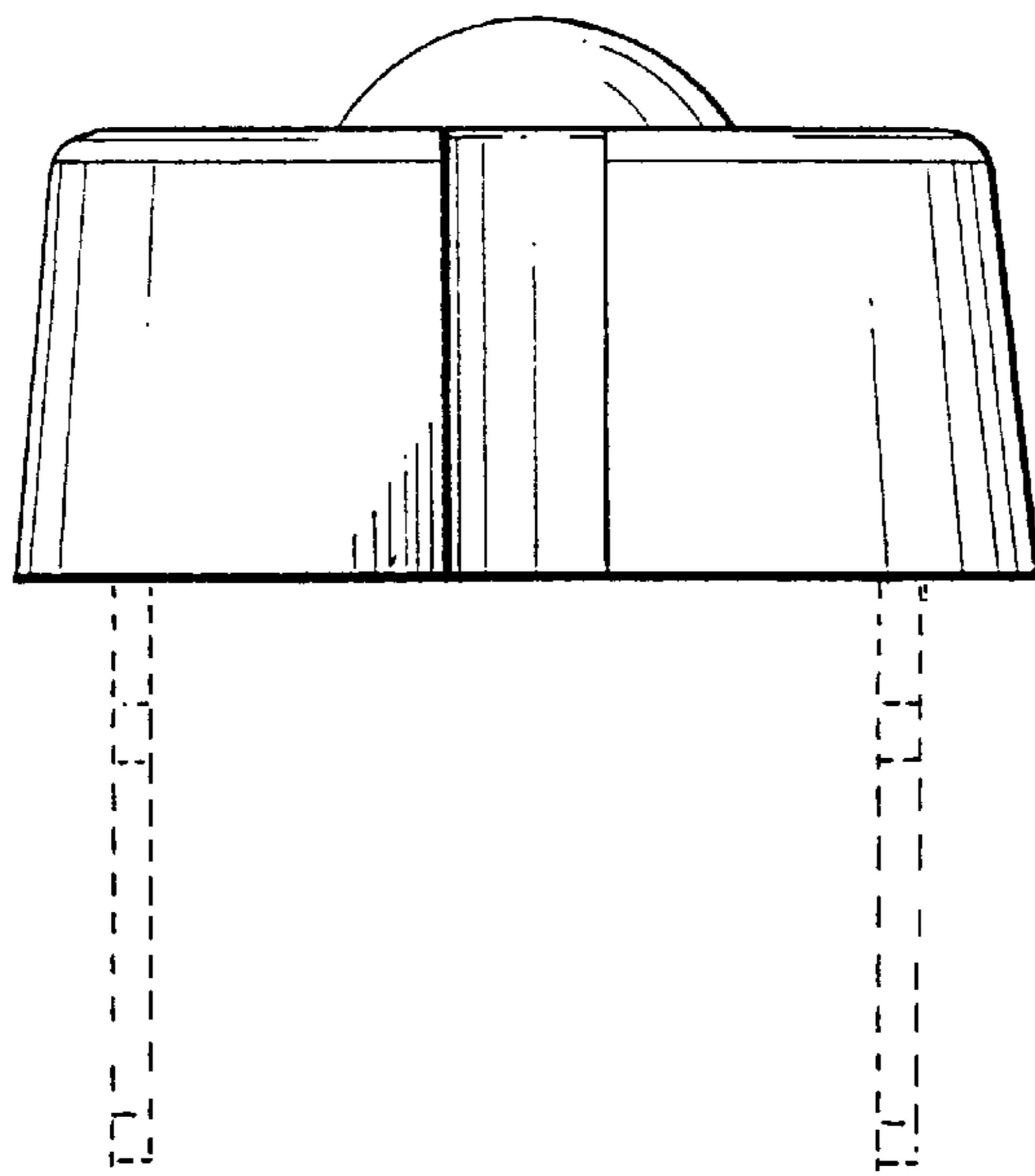


FIG. 19

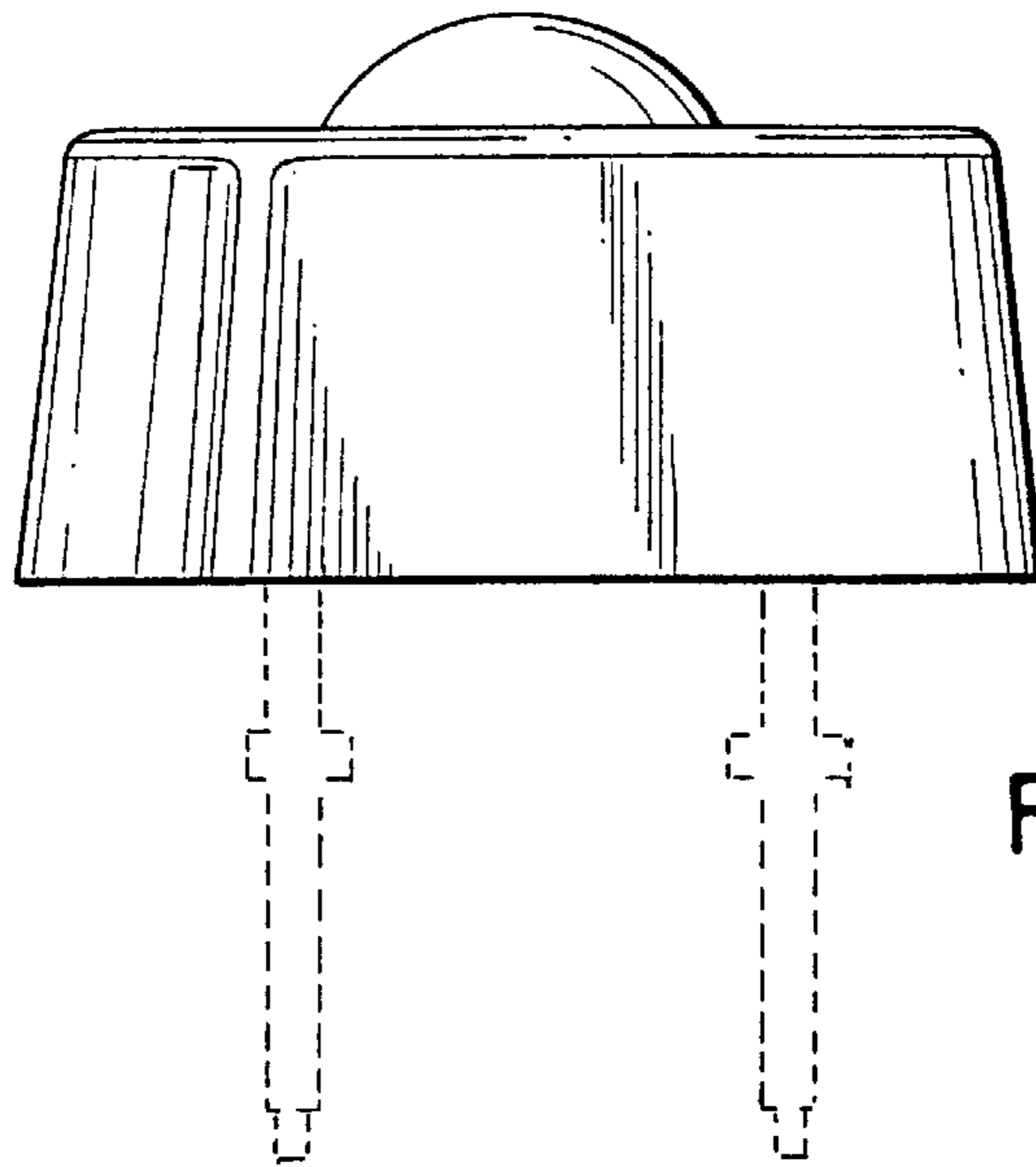


FIG. 20

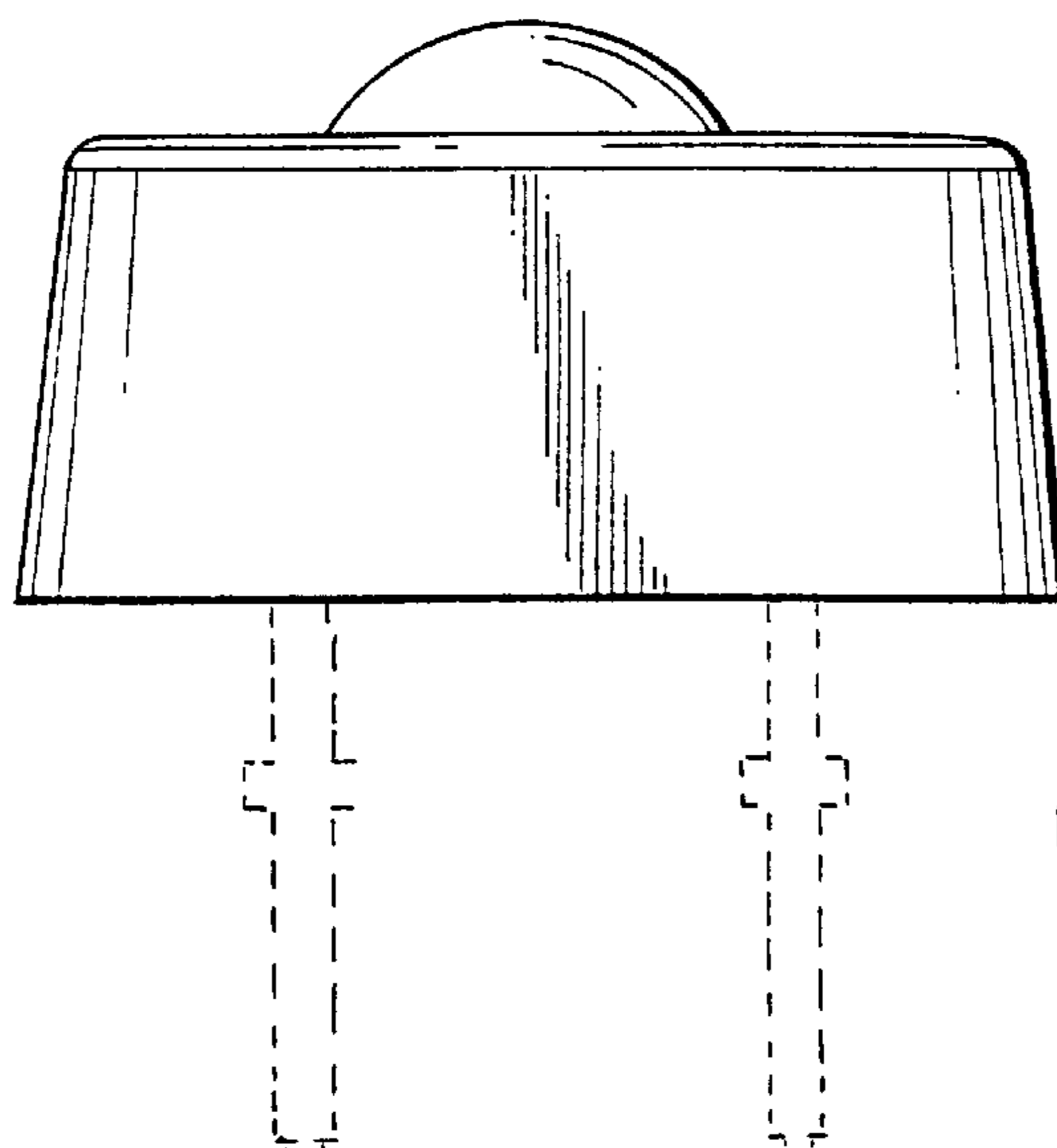


FIG. 21