US00D405417S

United States Patent [19]

Matthews

[11] **Patent Number: Des. 405,417**

[45] **Date of Patent: **Feb. 9, 1999**

[54] **ELECTRICAL CONNECTOR**

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[73] Assignee: **Elcon Products International Company**, Fremont, Calif.

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

[21] Appl. No.: **59,997**

[22] Filed: **Sep. 19, 1996**

[51] **LOC (6) Cl.** **13-03**

[52] **U.S. Cl.** **D13/147**; D13/133

[58] **Field of Search** D13/146, 147, D13/133; 439/843, 59, 630, 637, 78, 62

[56] **References Cited**

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Primary Examiner—Joel Sincavage
Attorney, Agent, or Firm—Burns, Doane, Swecker & Mathis, LLP

[57] **CLAIM**

The ornamental design for an electrical connector, as shown and described.

DESCRIPTION

FIG. **1** is a perspective view as seen from the front and upper left of a first embodiment of an electrical connector showing my new design with the electrical contacts shown in broken lines for illustrative purposes only and which form no part of the claimed design;

FIG. **2** is a rear elevational view thereof, the front is identical;

FIG. **3** is a right side elevational view thereof and of a third embodiment depicted in FIGS. **13–15**, the left side is identical for the first and the third embodiment;

FIG. **4** is a top plan view of the first embodiment;

FIG. **5** is a bottom plan view thereof and of the third embodiment depicted in FIGS. **13–15**, a fifth embodiment depicted in FIGS. **19–22** and a seventh embodiment depicted in FIGS. **27–29**;

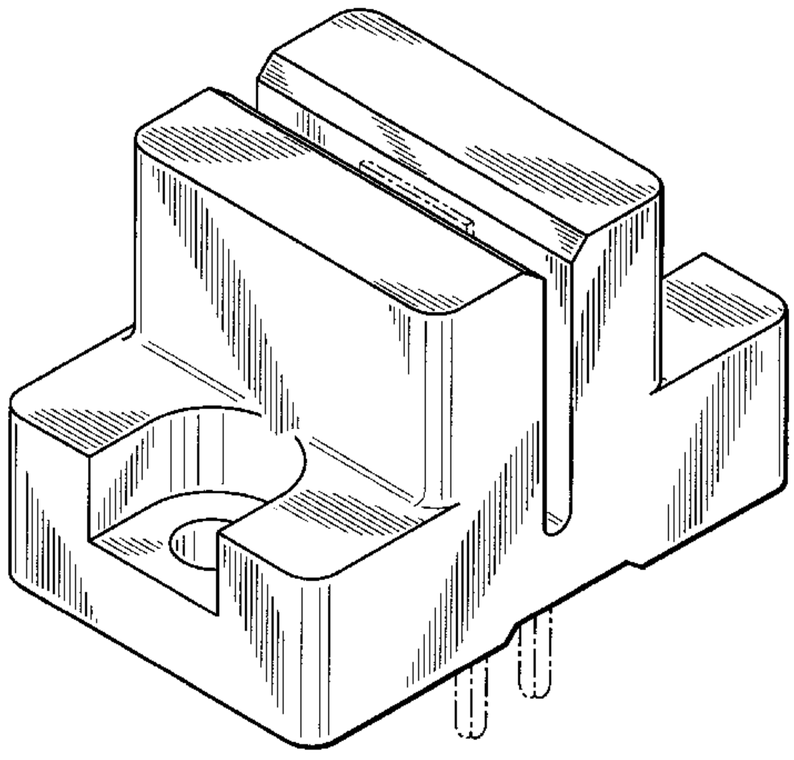
FIG. **6** is a bottom plan view thereof and of the third embodiment depicted in FIGS. **13–15**, the fifth embodiment depicted in FIGS. **19–22** and the seventh embodiment depicted in FIGS. **27–29** with the electrical contacts not shown for clarity;

FIG. **7** is a perspective view as seen from the front and upper left of a second embodiment of the electrical connector showing my new design with the electrical contacts shown in broken lines for illustrative purposes only and which form no part of the claimed design;

FIG. **8** is a rear elevational view thereof, the front is identical;

FIG. **9** is a right side elevational view thereof and of a fourth embodiment depicted in FIGS. **16–18**, the left side is identical for the second and the fourth embodiment;

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



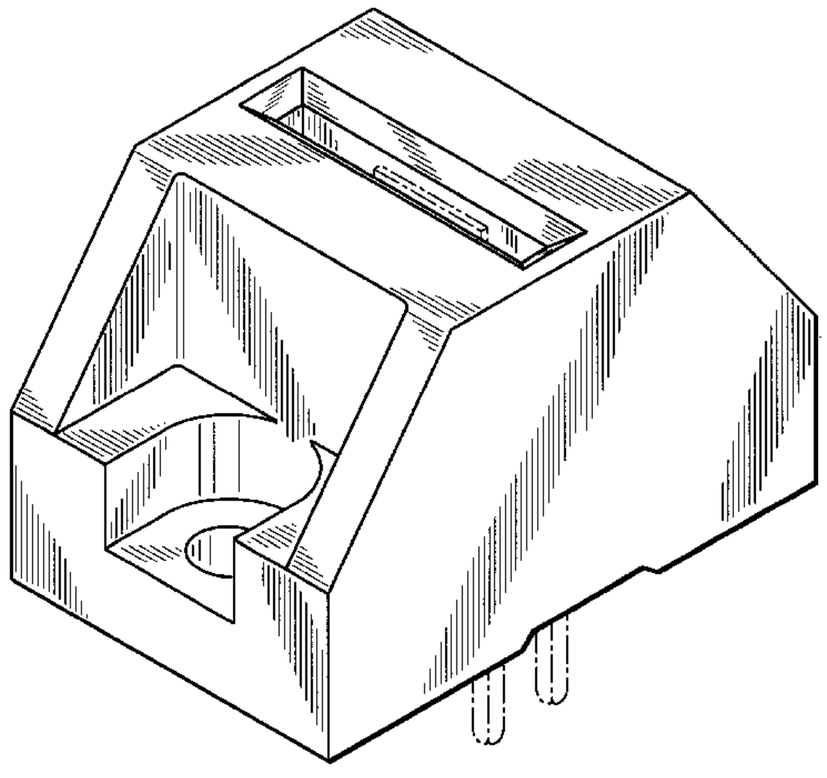


FIG. **11** is a bottom plan view thereof and of the fourth embodiment depicted in FIGS. **16–18**, a sixth embodiment depicted in FIGS. **23–26** and an eighth embodiment depicted in FIGS. **30–32**;

FIG. **12** is a bottom plan view thereof and of the fourth embodiment depicted in FIGS. **16–18**, the sixth embodiment depicted in FIGS. **23–26** and the eighth embodiment depicted in FIGS. **30–32** with the electrical contacts not shown for clarity;

FIG. **13** is a perspective view as seen from the front and upper left of the third embodiment of the electrical connector showing my new design with the electrical contacts shown in broken lines for illustrative purposes only and which form no part of the claimed design;

FIG. **14** is a rear elevational view thereof, the front is identical;

FIG. **15** is a top plan view thereof;

FIG. **16** is a perspective view as seen from the front and upper left of the fourth embodiment of the electrical connector showing my new design with the electrical contacts shown in broken lines for illustrative purposes only and which form no part of the claimed design;

FIG. **17** is a rear elevational view thereof, the front is identical;

FIG. **18** is a top plan view thereof;

FIG. **19** is a perspective view as seen from the front and upper left of the fifth embodiment of the electrical connector showing my new design with the electrical contacts shown in broken lines for illustrative purposes only and which form no part of the claimed design;

FIG. **20** is a rear elevational view thereof, the front is identical;

FIG. **21** is a right side elevational view thereof and of the seventh embodiment depicted in FIGS. **27–29**, the left side is identical for the fifth and the seventh embodiment;

FIG. **22** is a top plan view of the fifth embodiment;

FIG. **23** is a perspective view as seen from the front and upper left of the sixth embodiment of the electrical connector showing my new design with the electrical contacts shown in broken lines for illustrative purposes only and which form no part of the claimed design;

FIG. **24** is a rear elevational view thereof, the front is identical;

FIG. **25** is a right side elevational view thereof and of the eighth embodiment depicted in FIGS. **30–32**, the left side is identical for the sixth and the eighth embodiment;

FIG. **26** is a top plan view of the sixth embodiment;

FIG. **27** is a perspective view as seen from the front and upper left of the seventh embodiment of the electrical connector showing my new design with the electrical contacts shown in broken lines for illustrative purposes only and which form no part of the claimed design;

FIG. **28** is a rear elevational view thereof, the front is identical;

FIG. **29** is at top plan view thereof;

FIG. **30** is a perspective view as seen from the front and upper left of the eighth embodiment of the electrical connector showing my new design with the electrical contacts shown in broken lines for illustrative purposes only and which form no part of the claimed design;

FIG. **31** is a rear elevational view thereof, the front is identical; and,

FIG. **32** is a top plan view thereof.

1 Claim, 16 Drawing Sheets

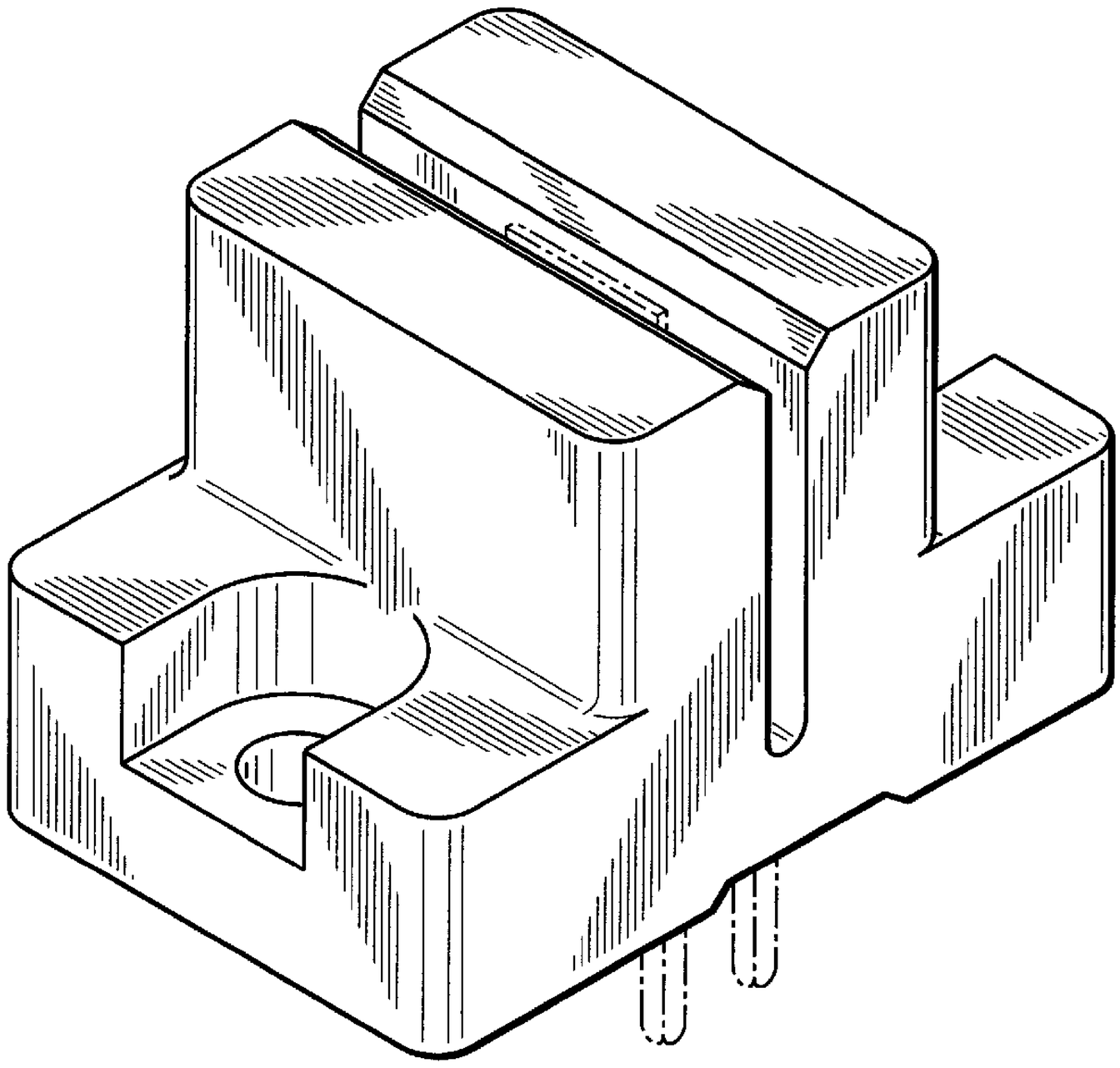


FIG._1

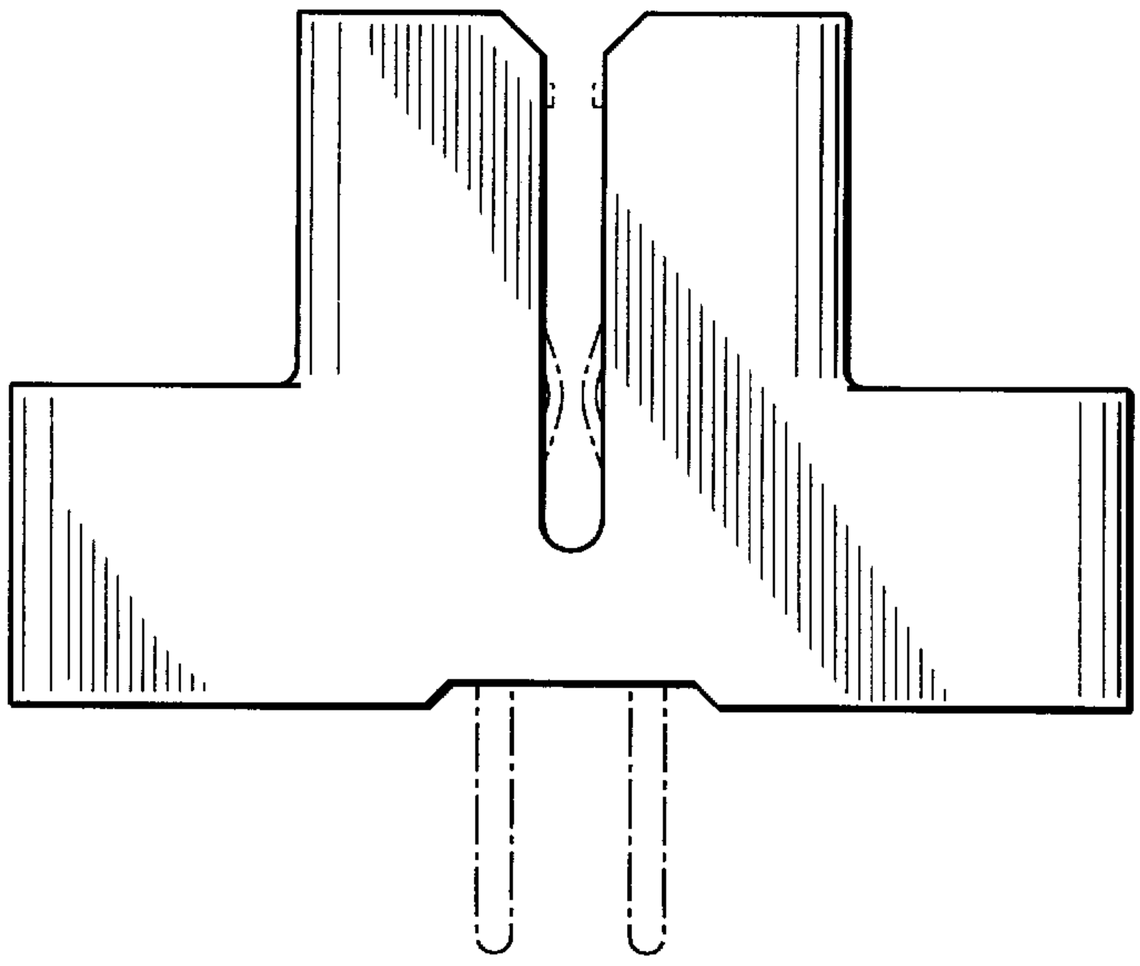


FIG._2

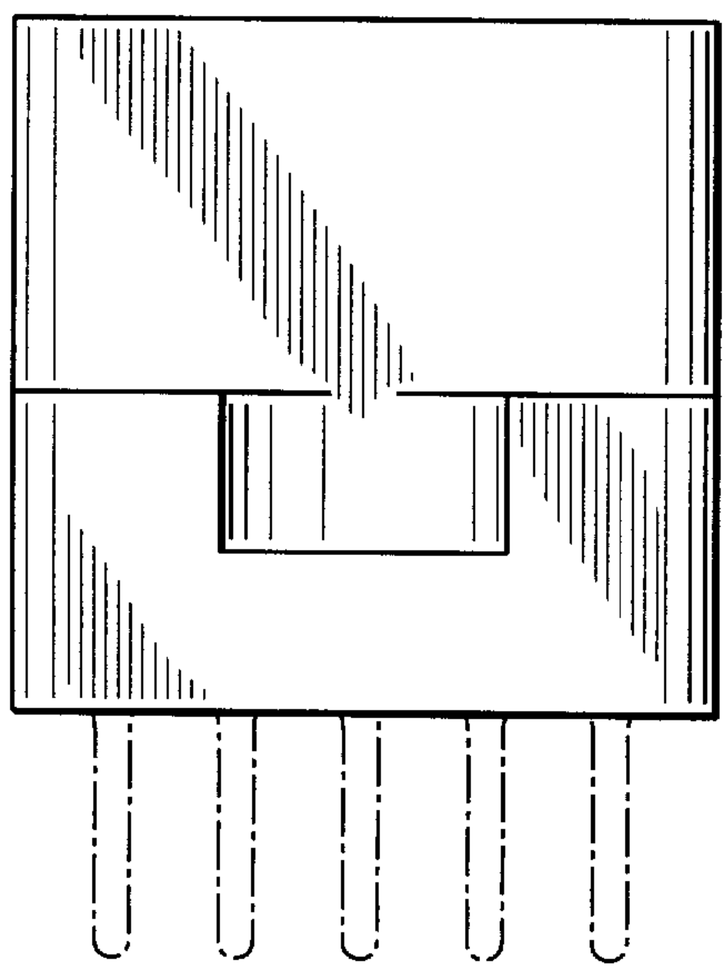


FIG._3

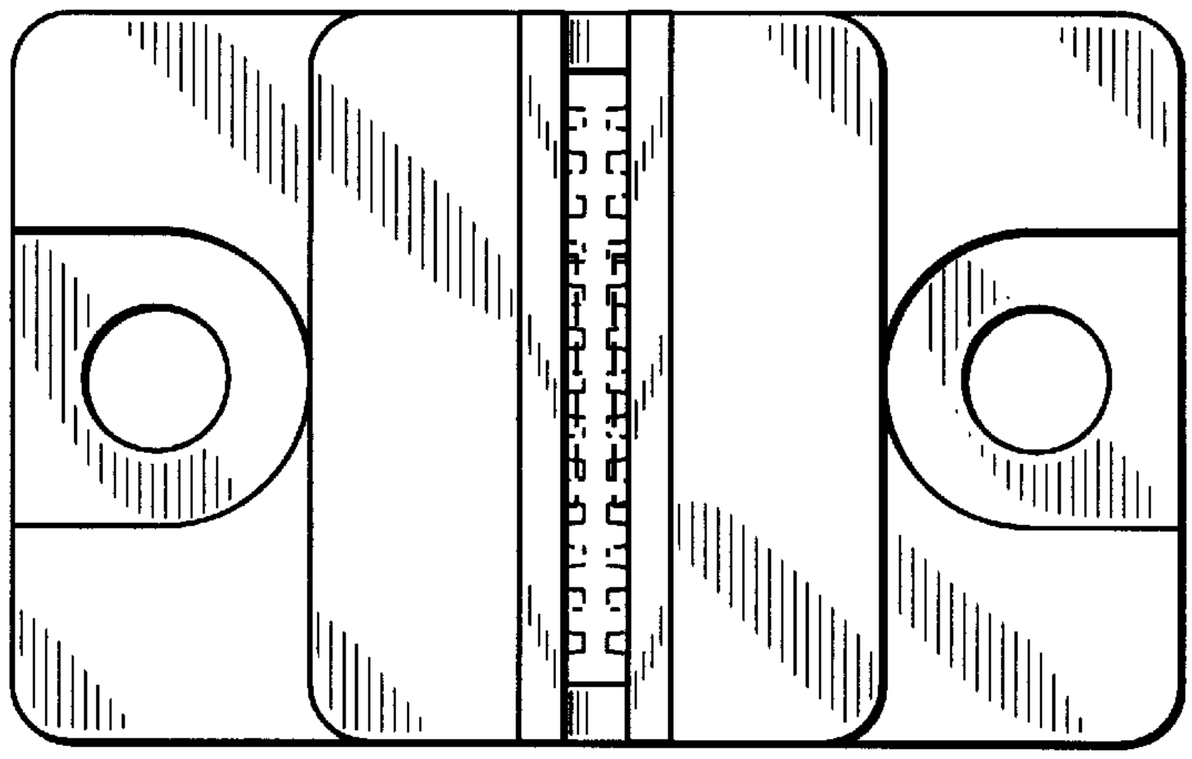


FIG._4

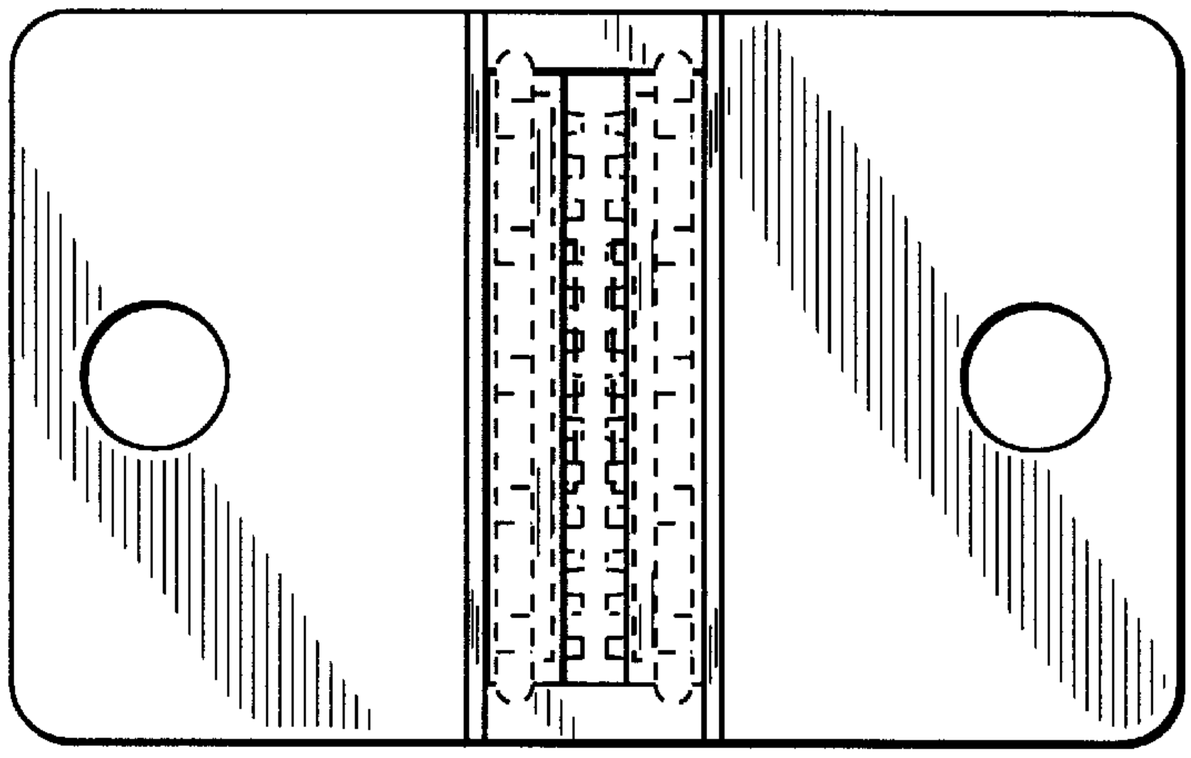


FIG._5

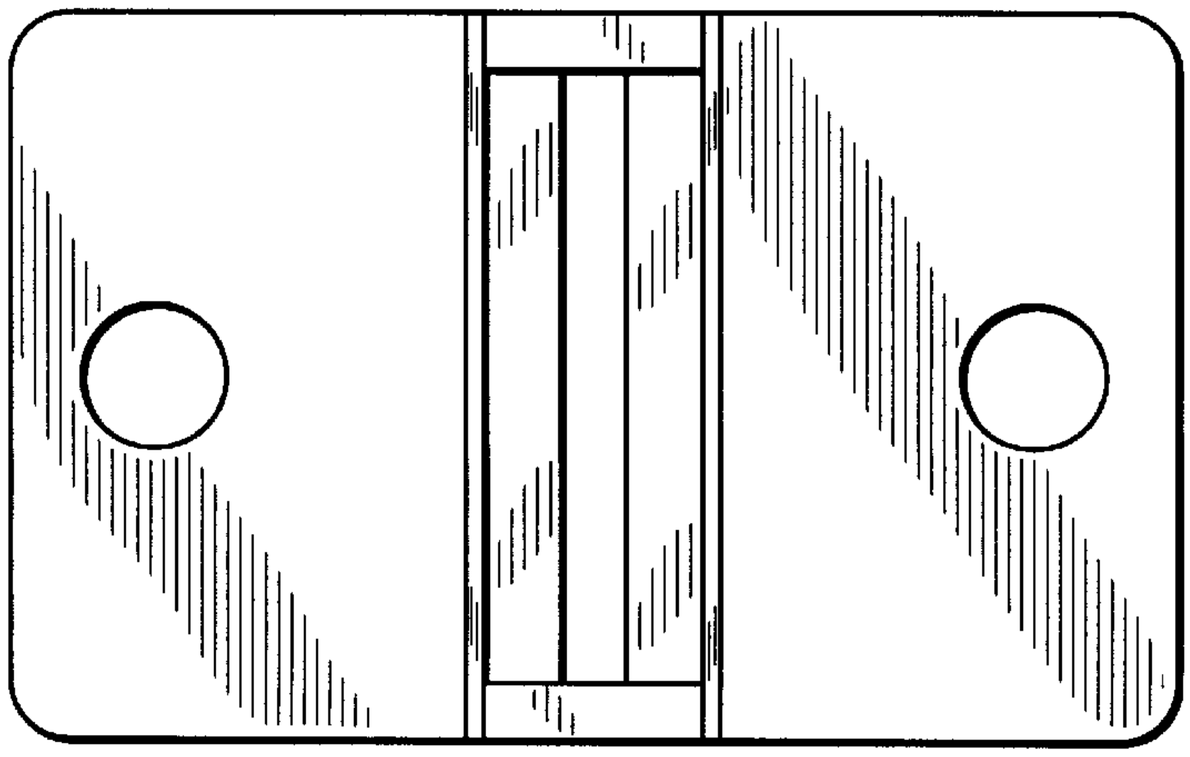


FIG._6

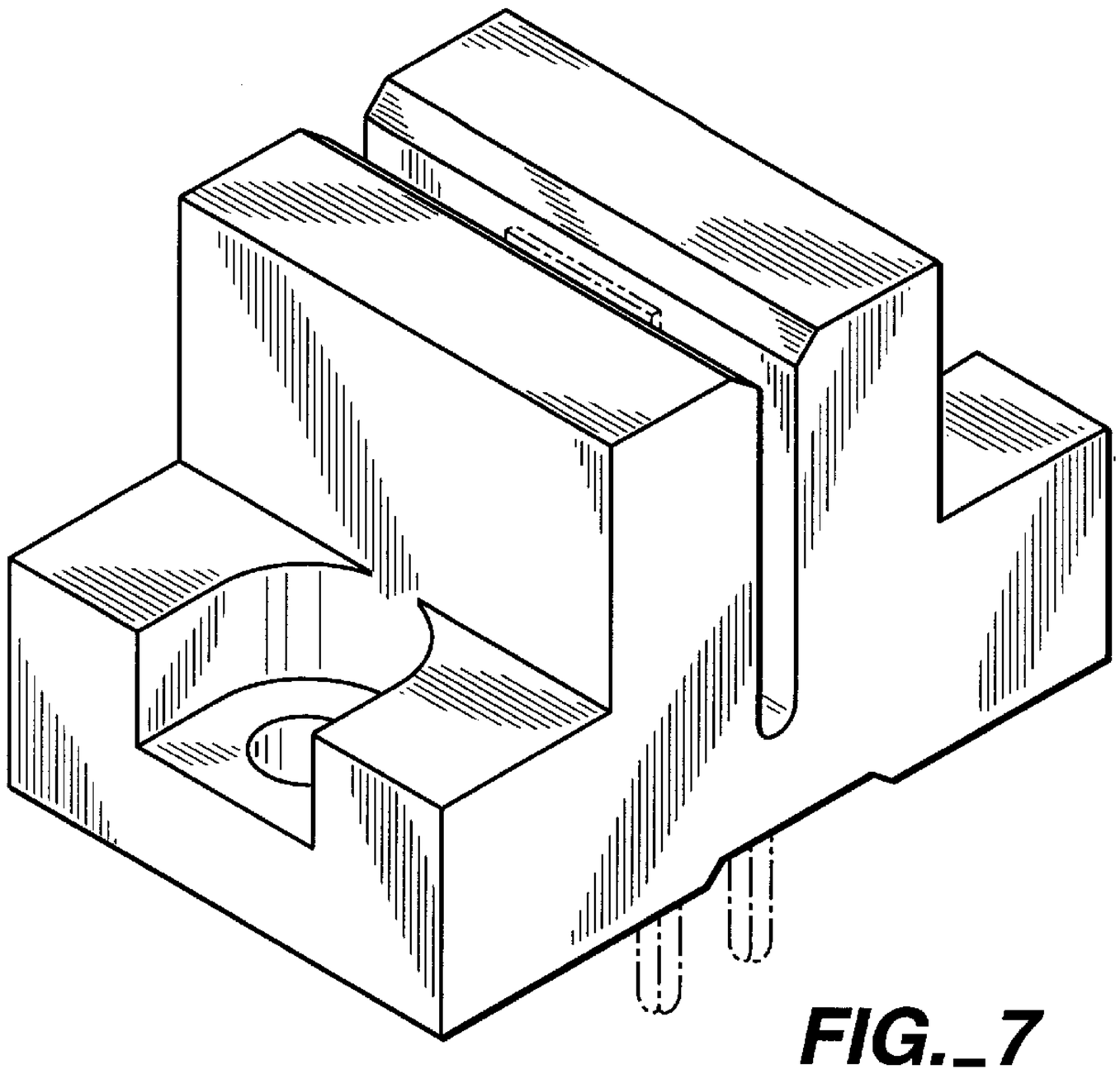


FIG._7

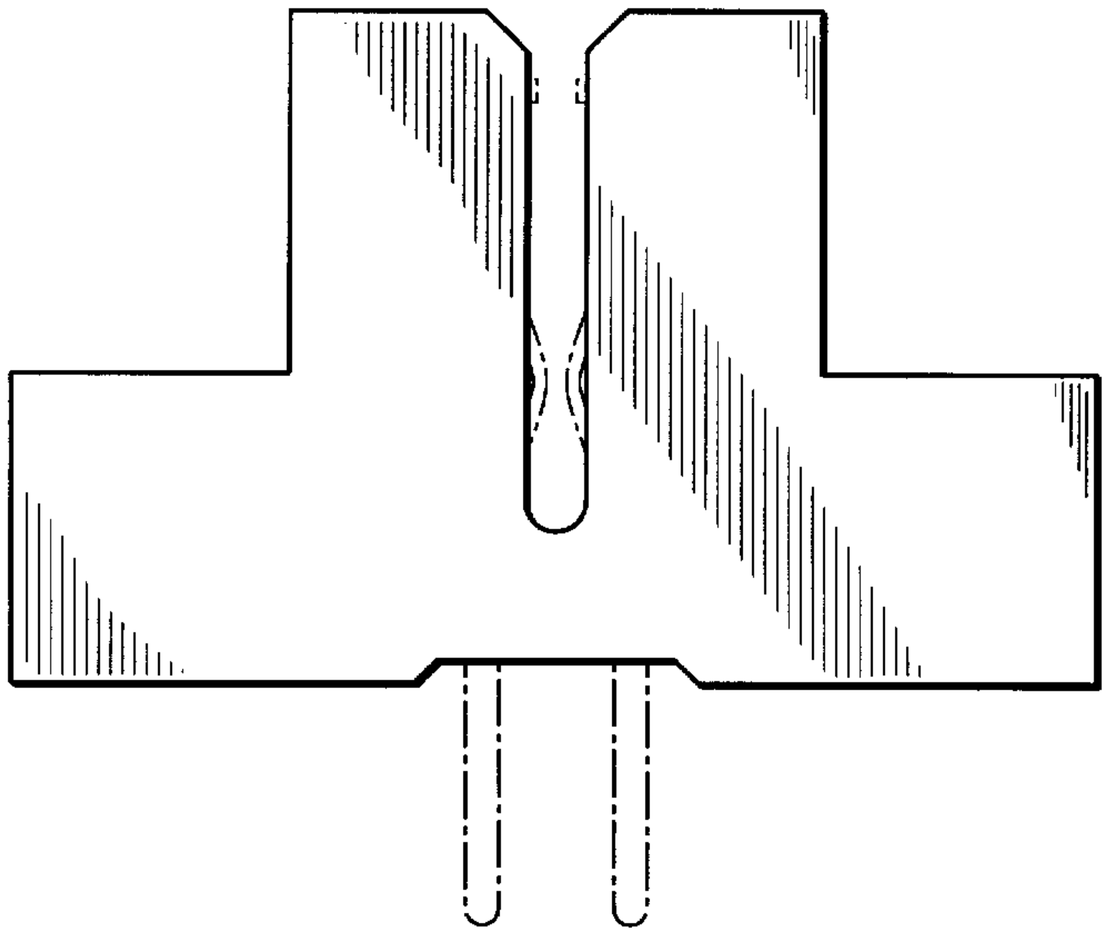


FIG._8

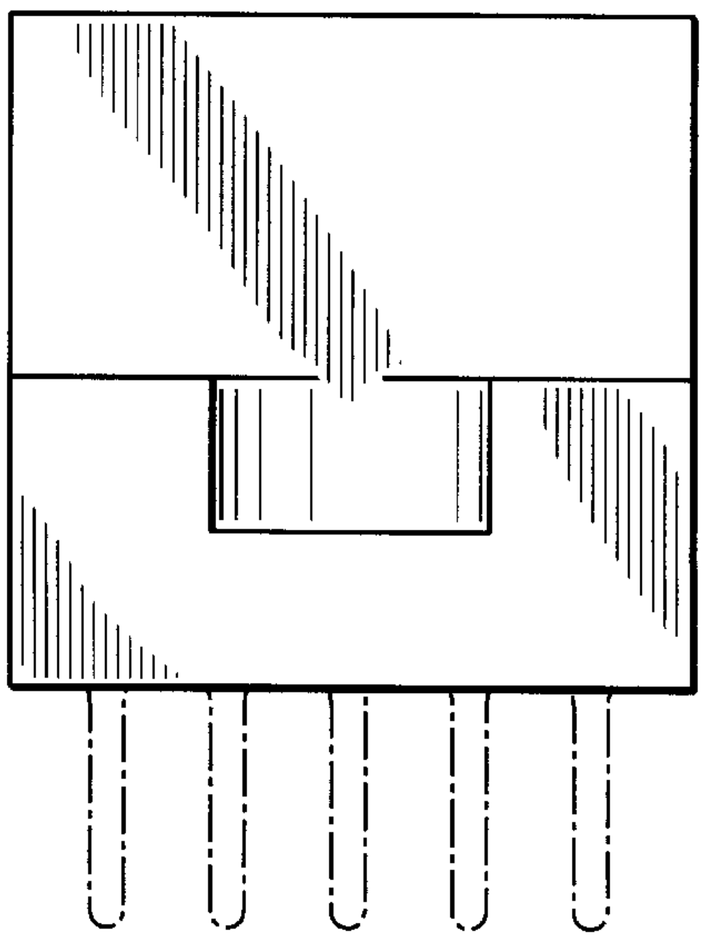


FIG._9

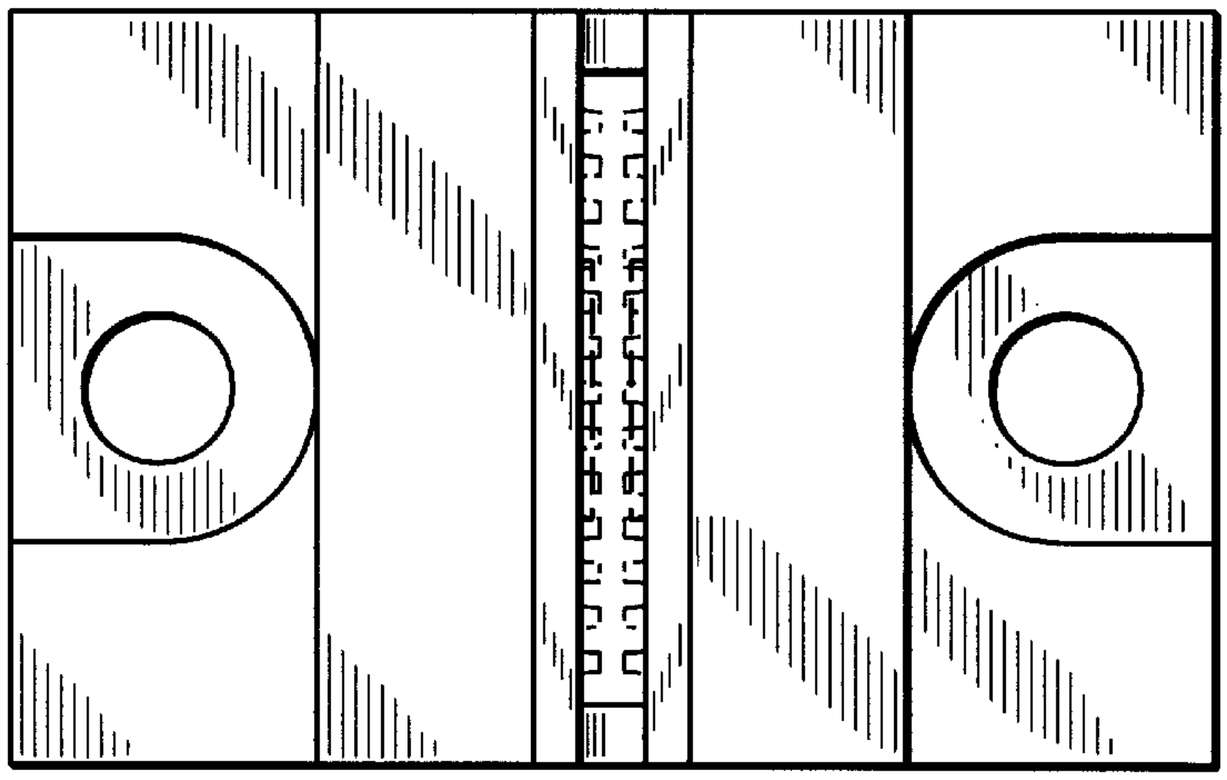


FIG._10

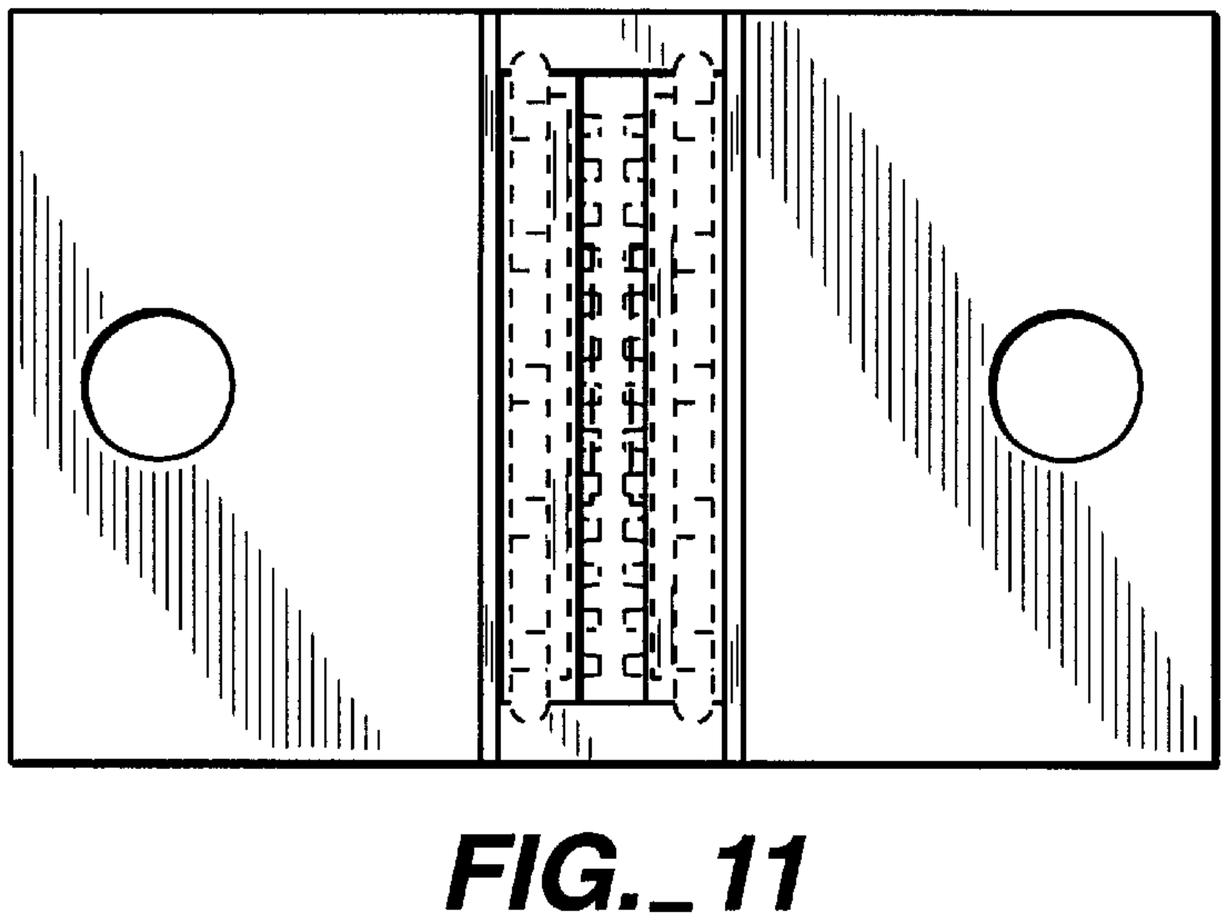


FIG._11

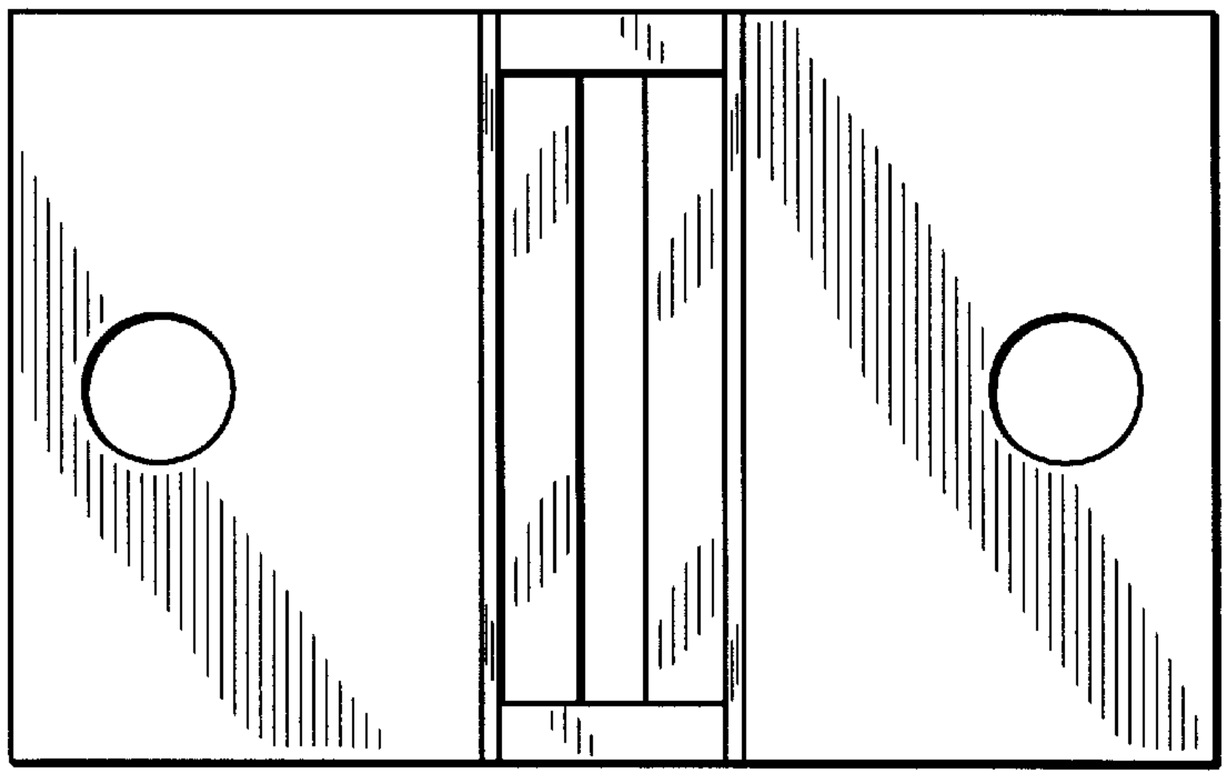


FIG._12

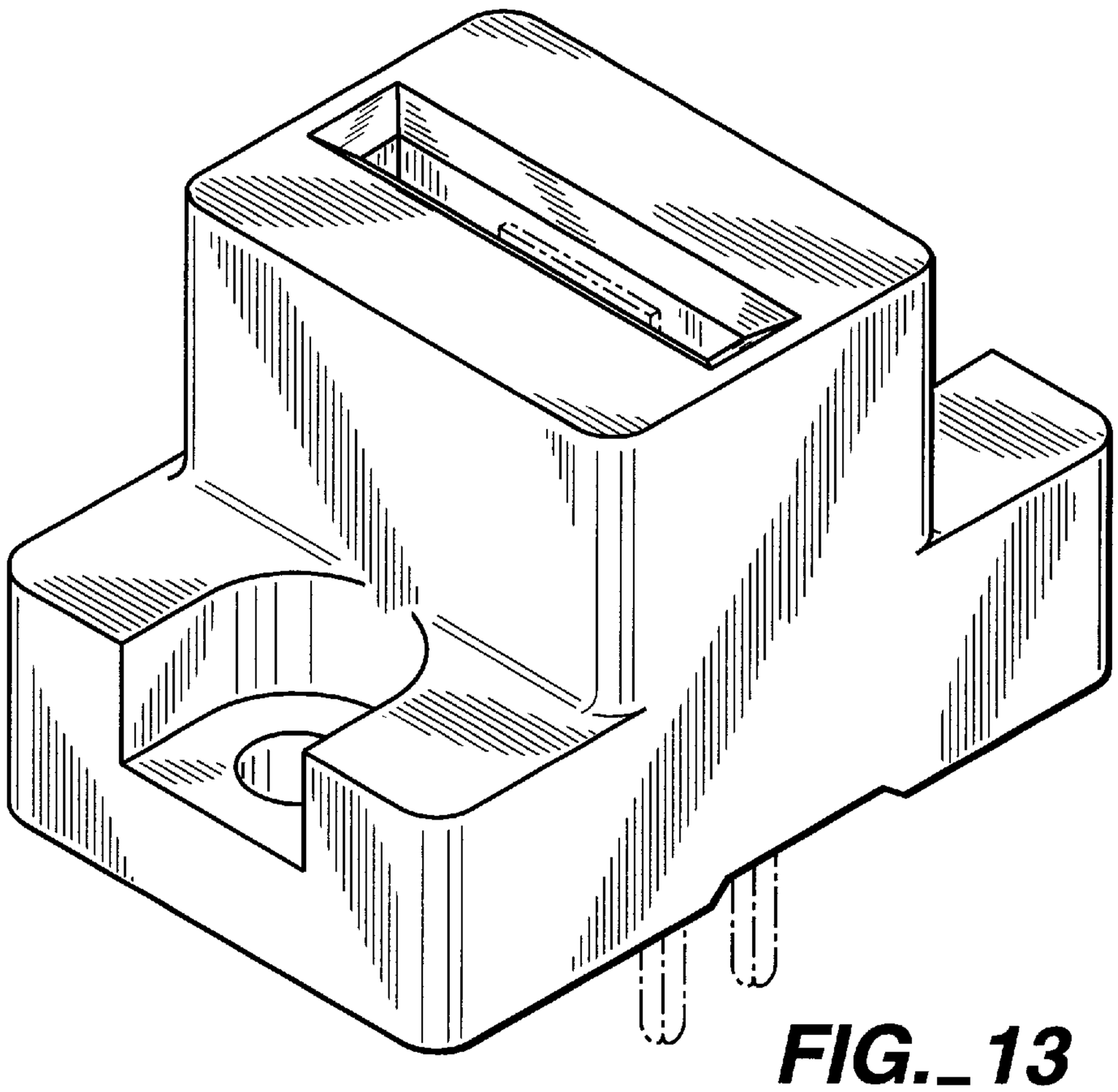


FIG._13

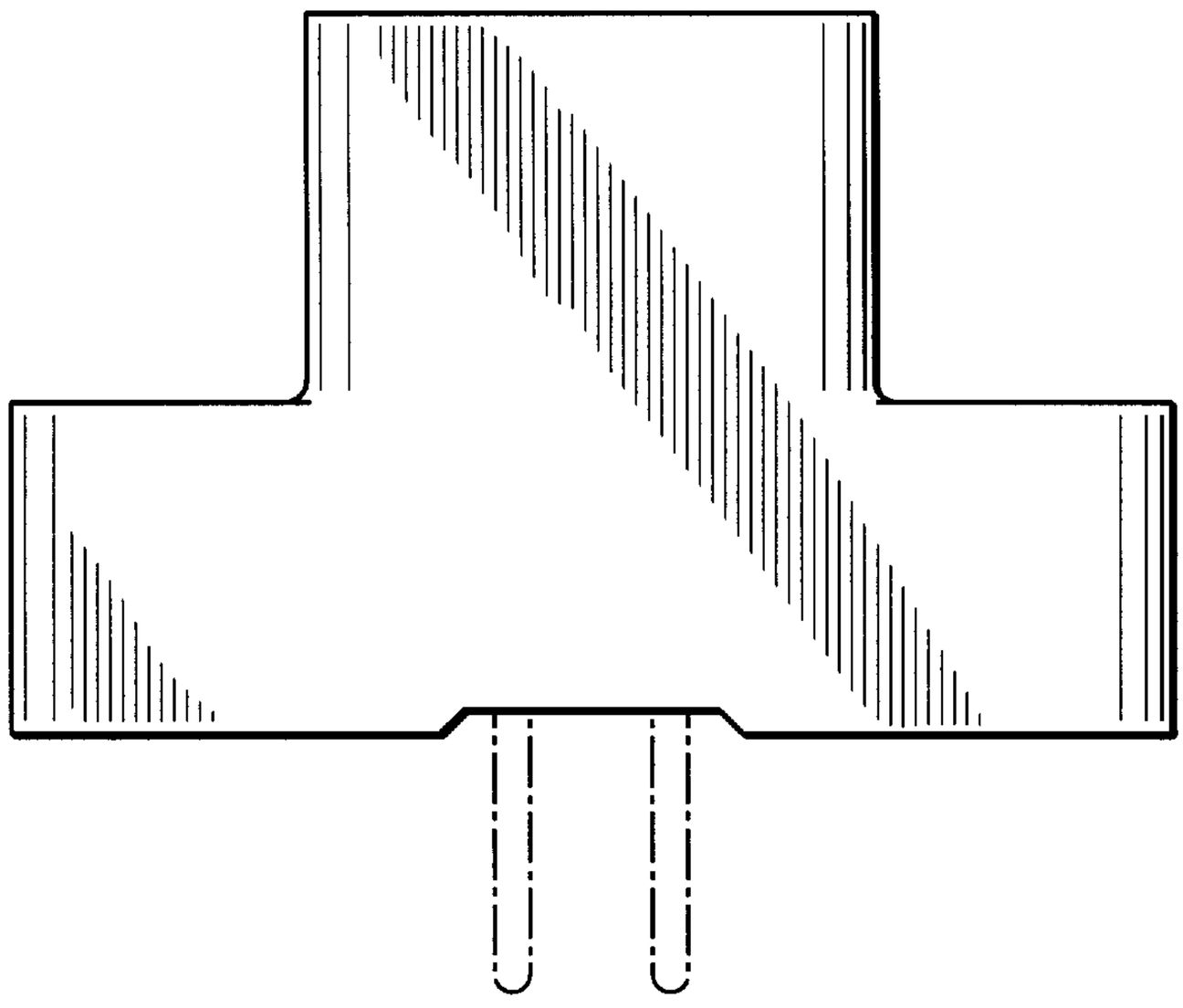


FIG._14

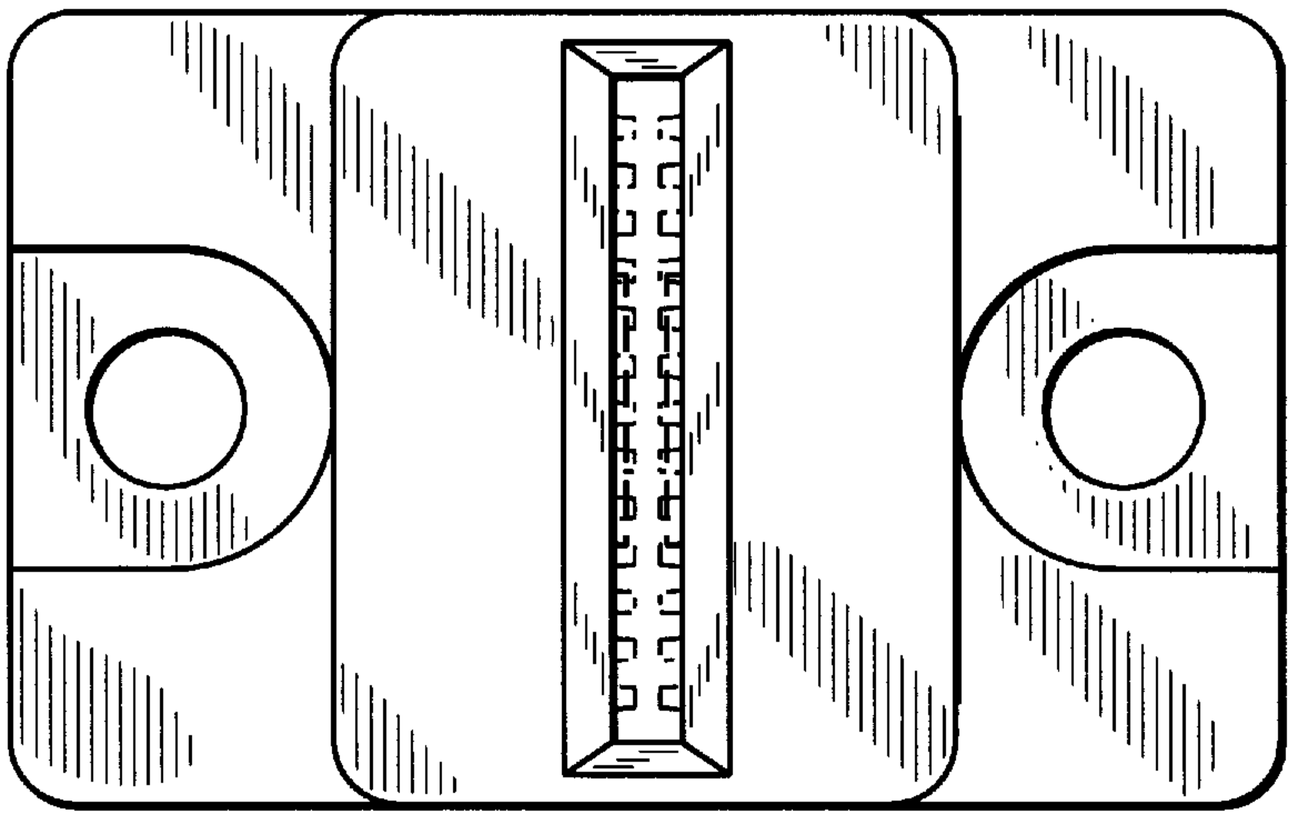


FIG._15

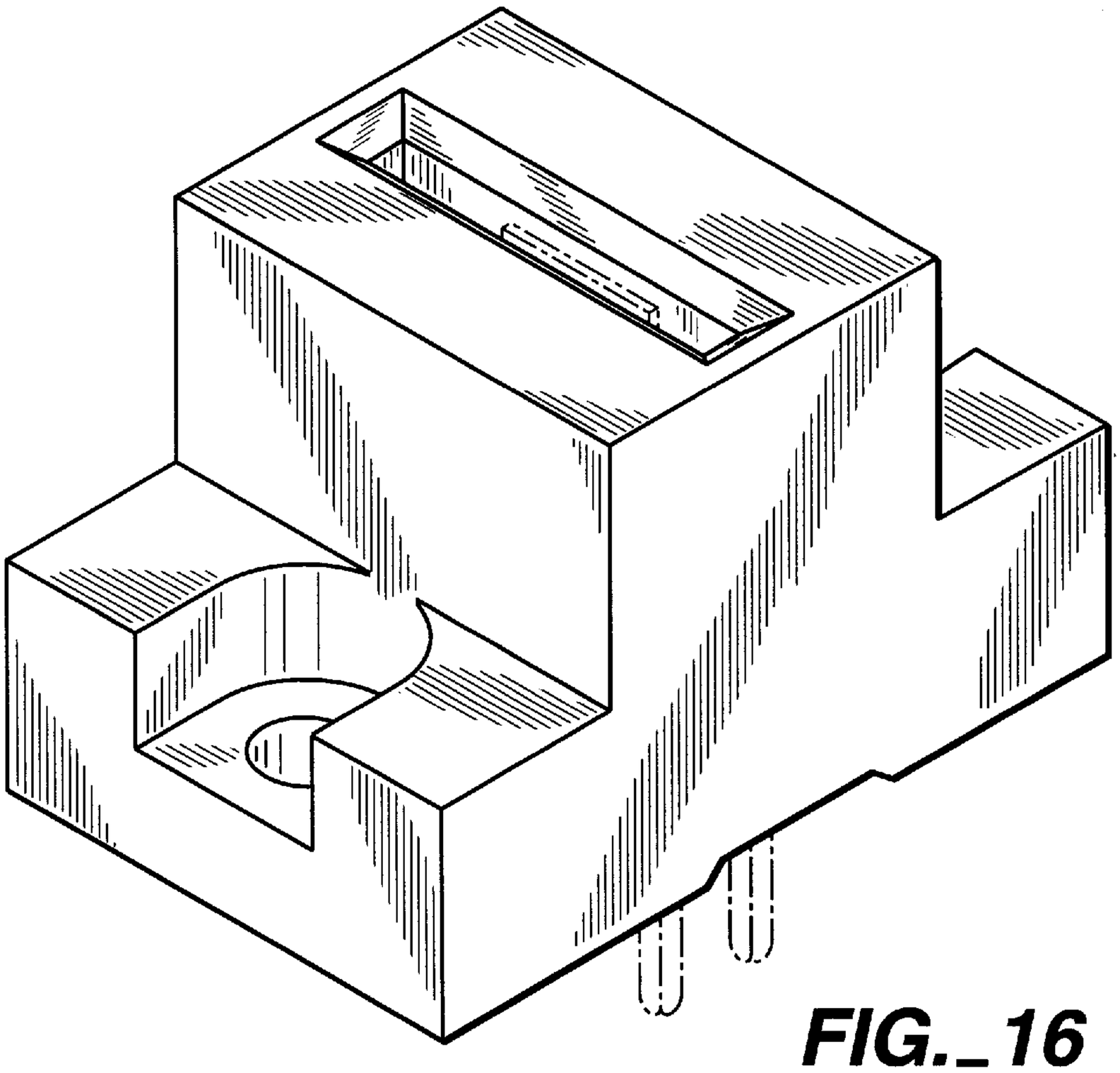


FIG._16

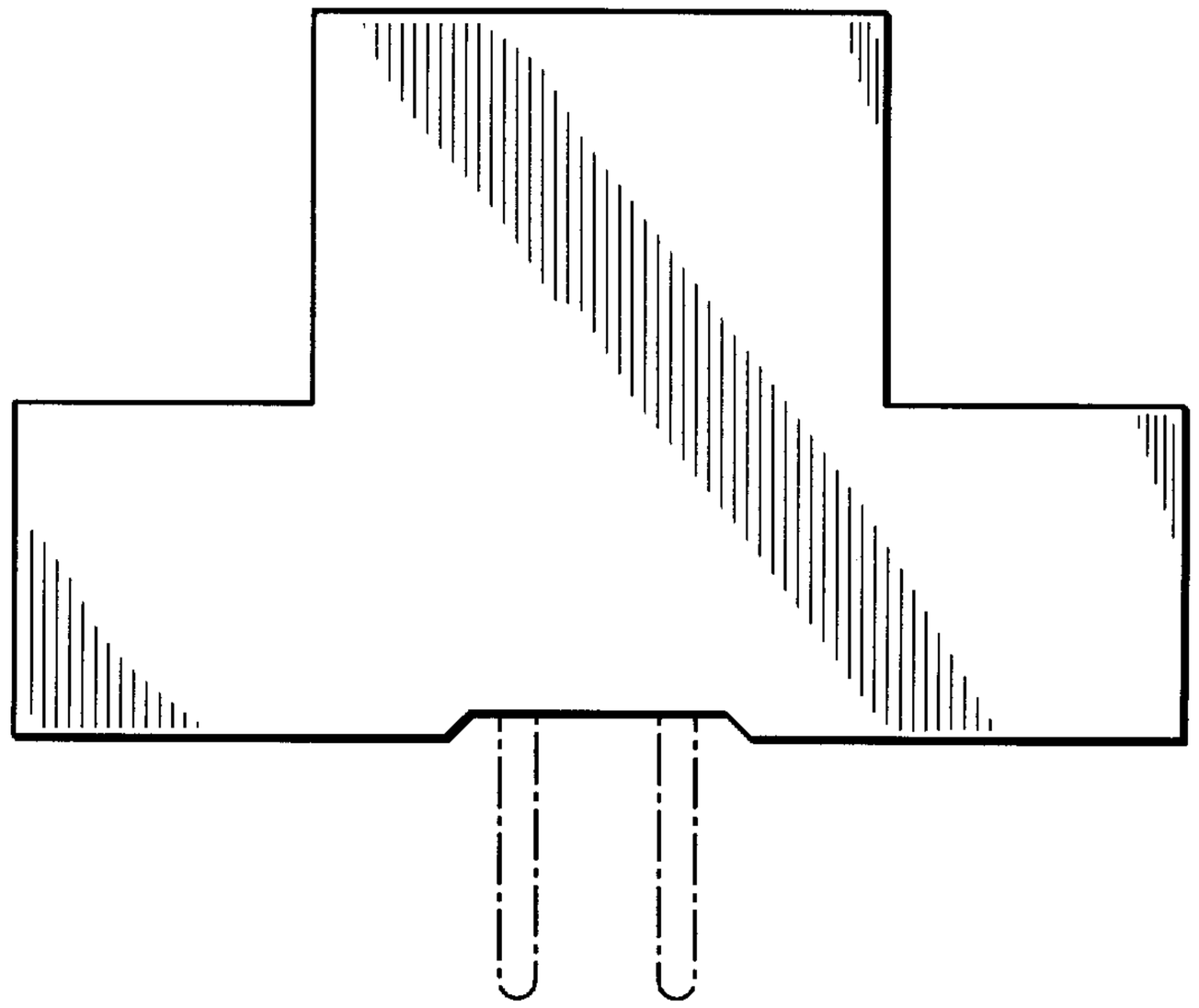


FIG._17

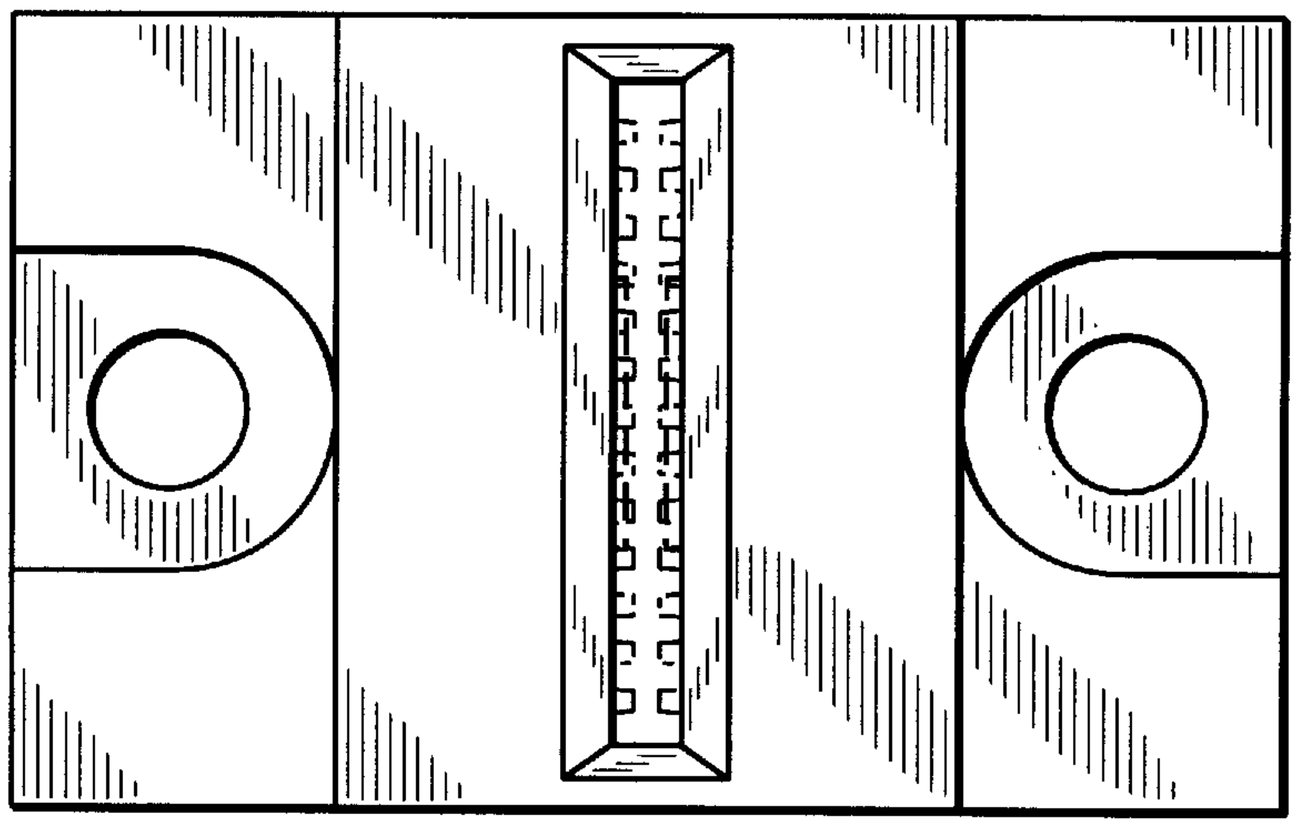


FIG._18

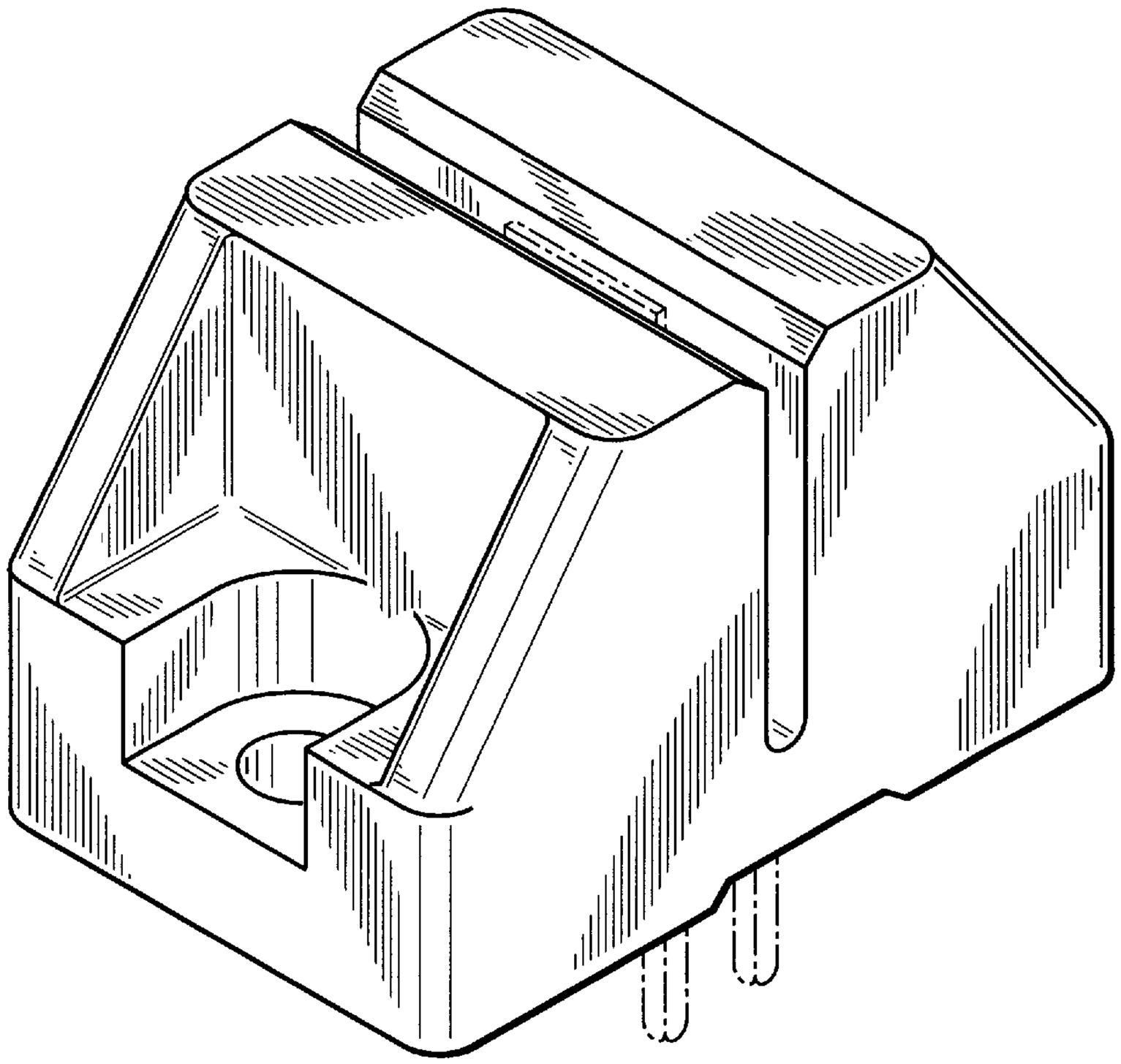


FIG._19

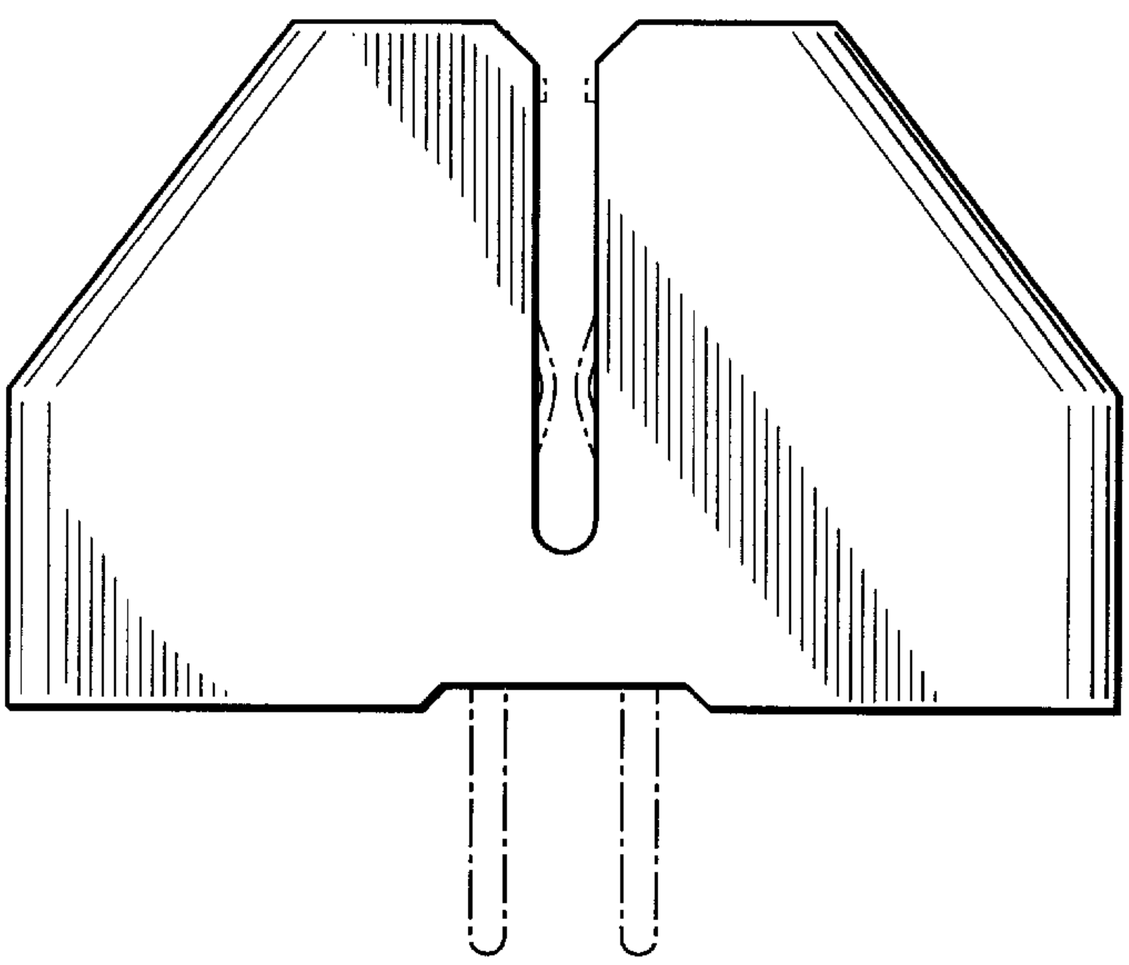


FIG._20

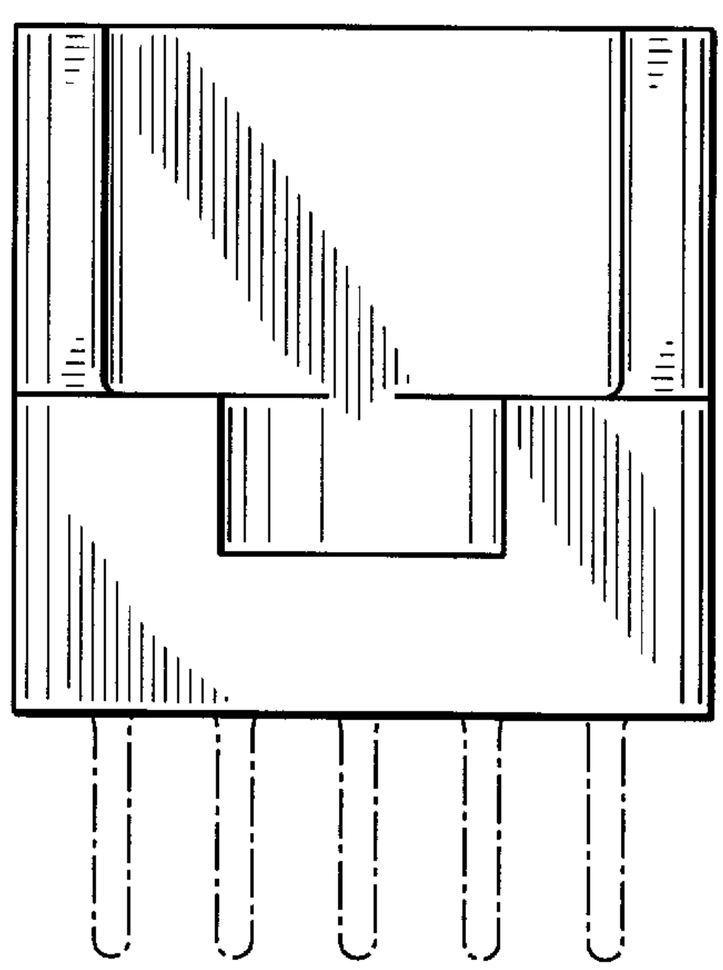


FIG._21

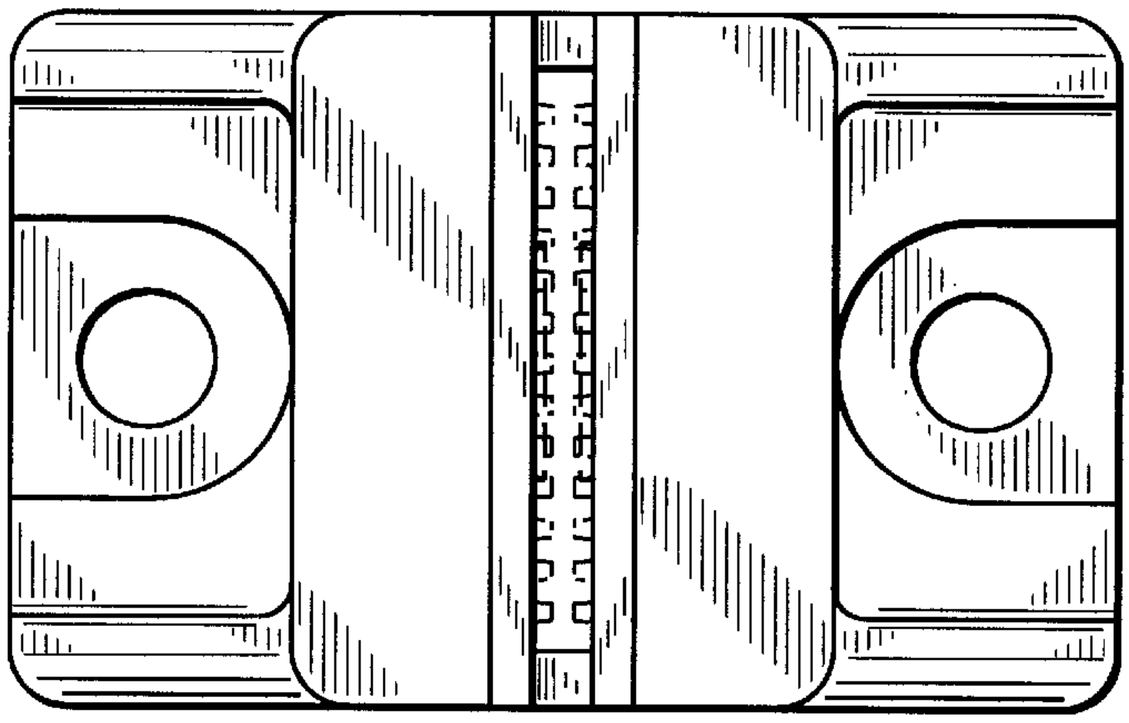


FIG._22

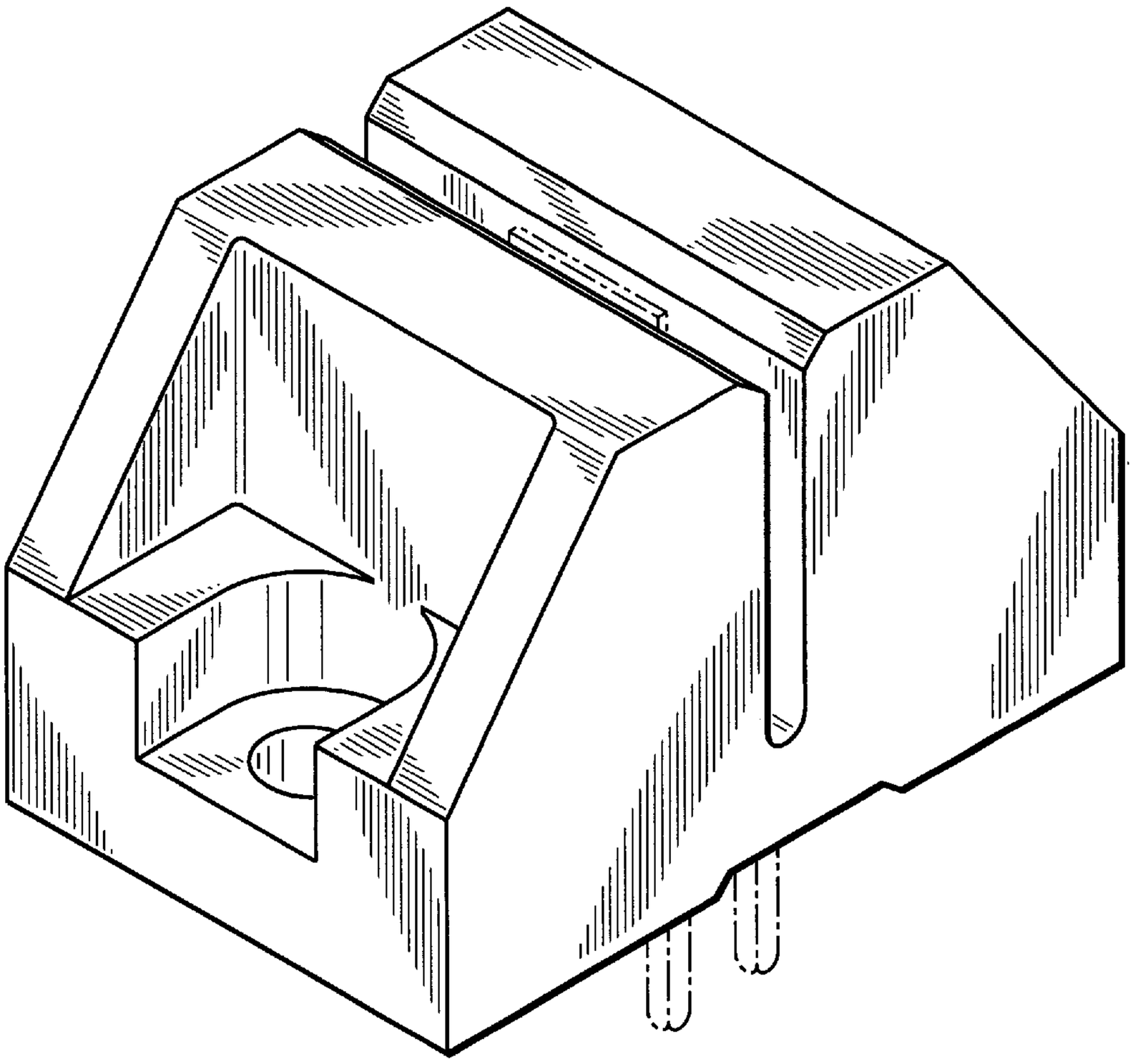


FIG._23

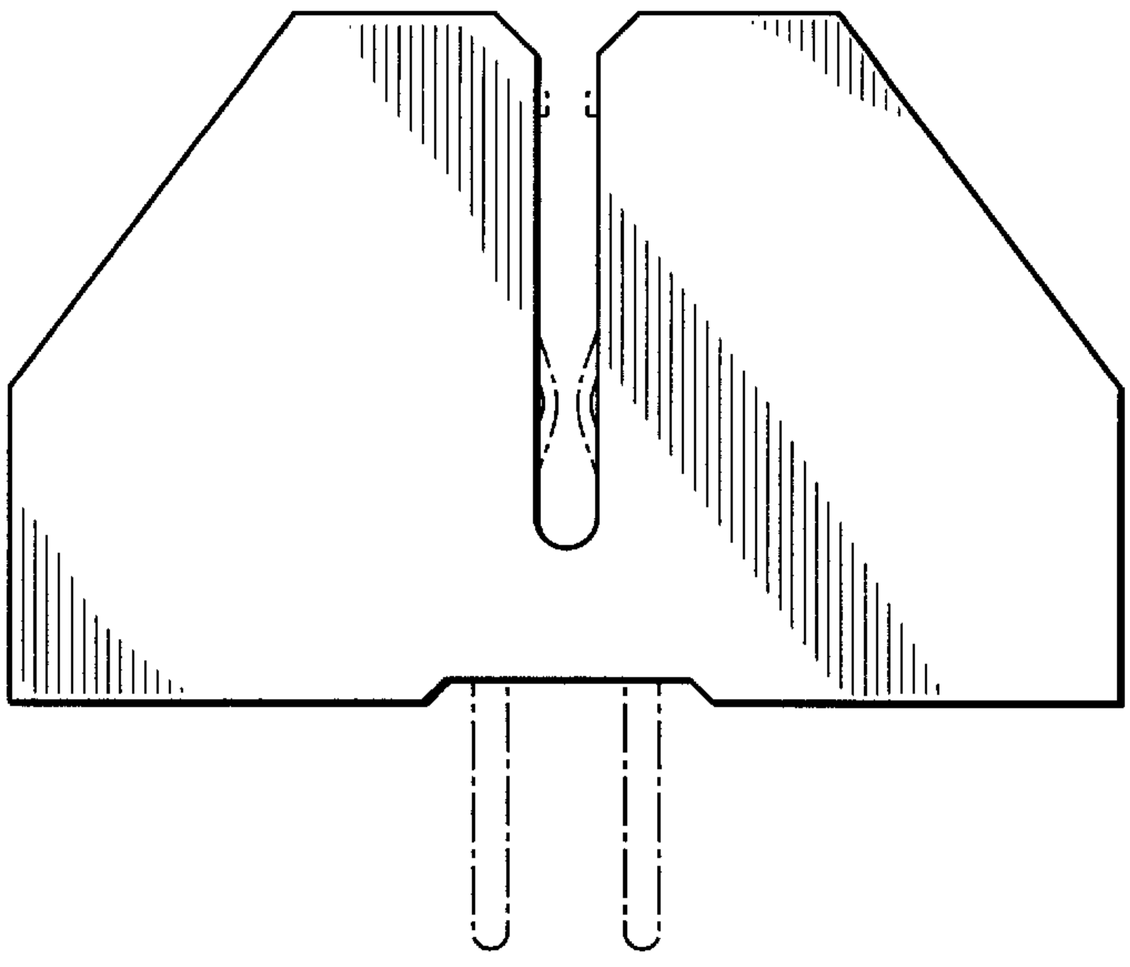


FIG._24

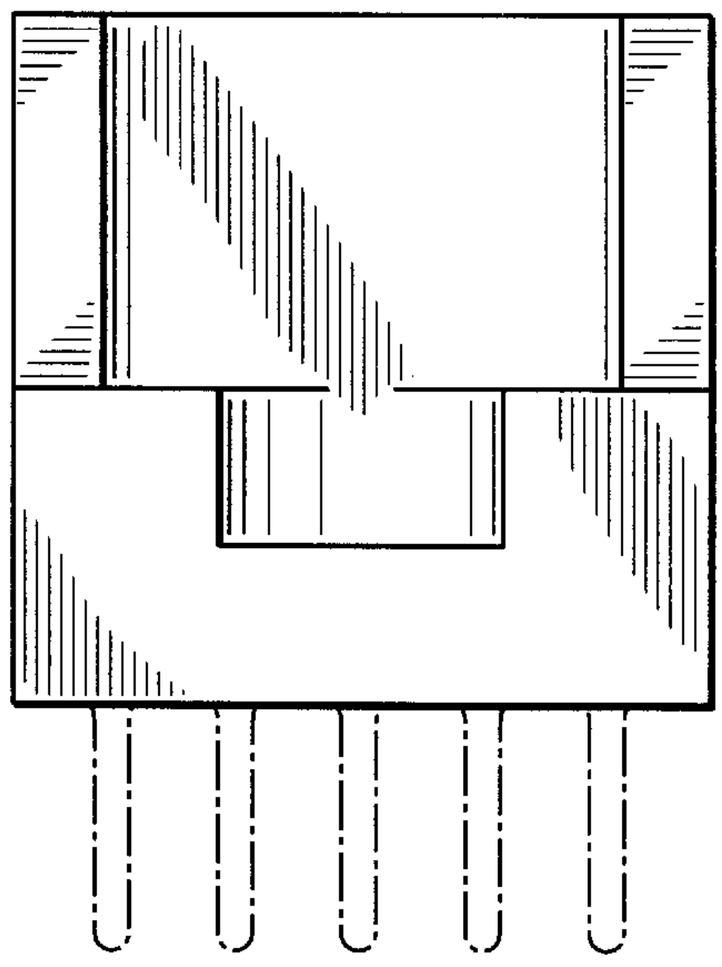


FIG._25

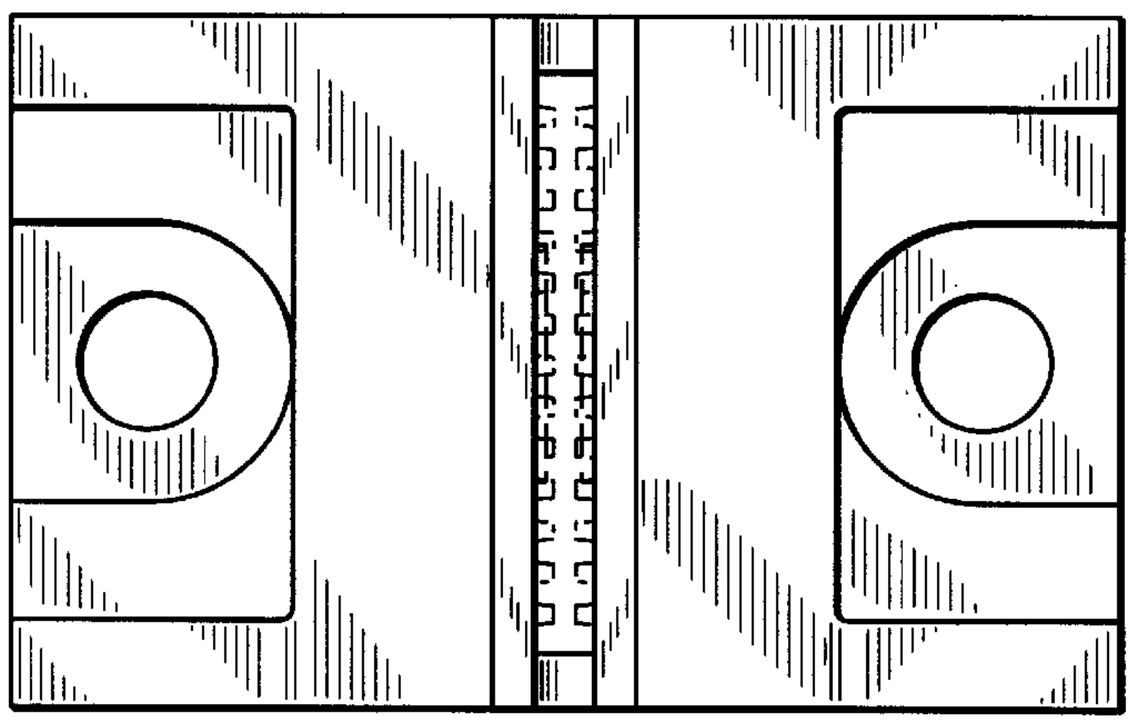


FIG._26

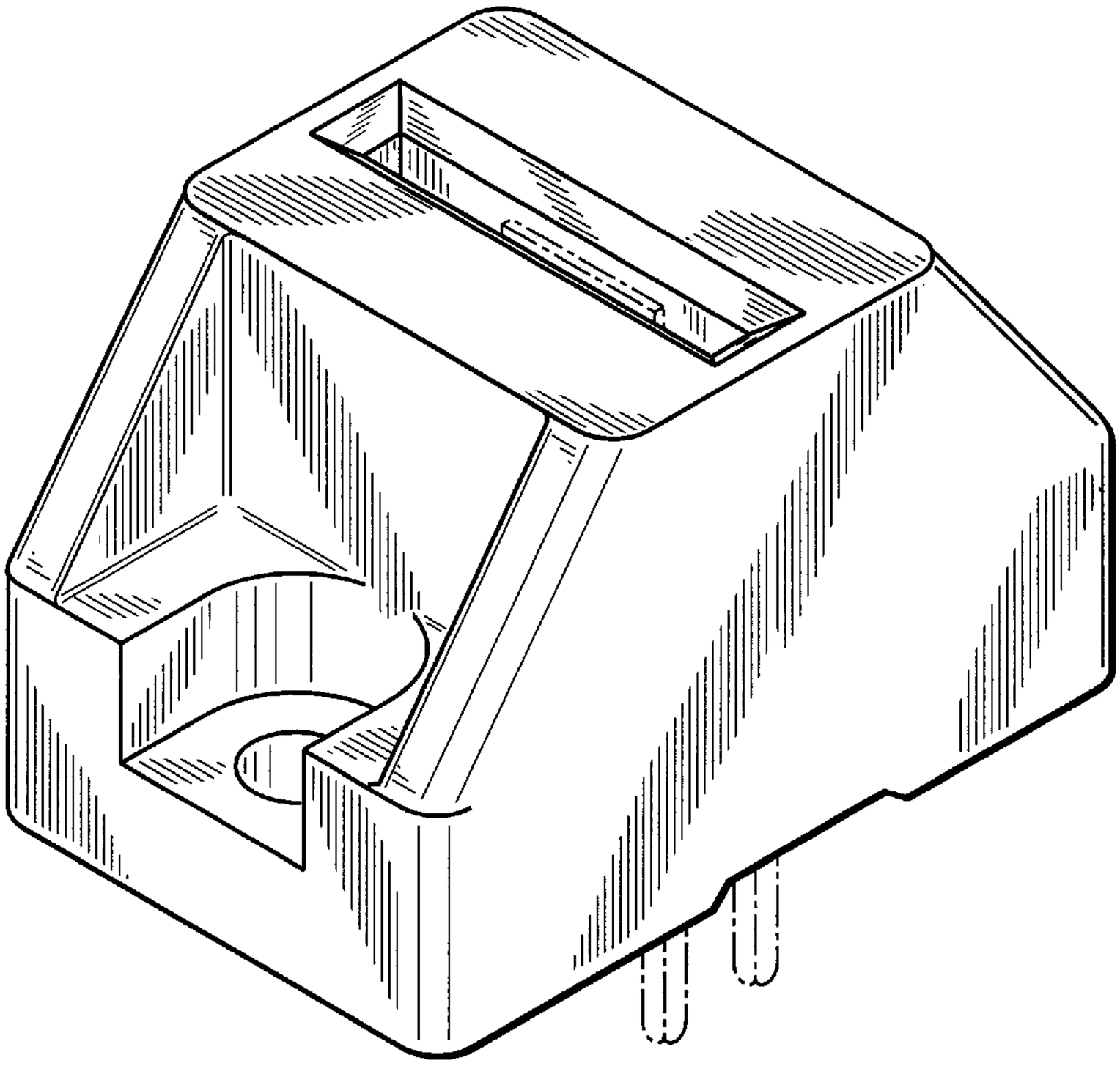


FIG._27

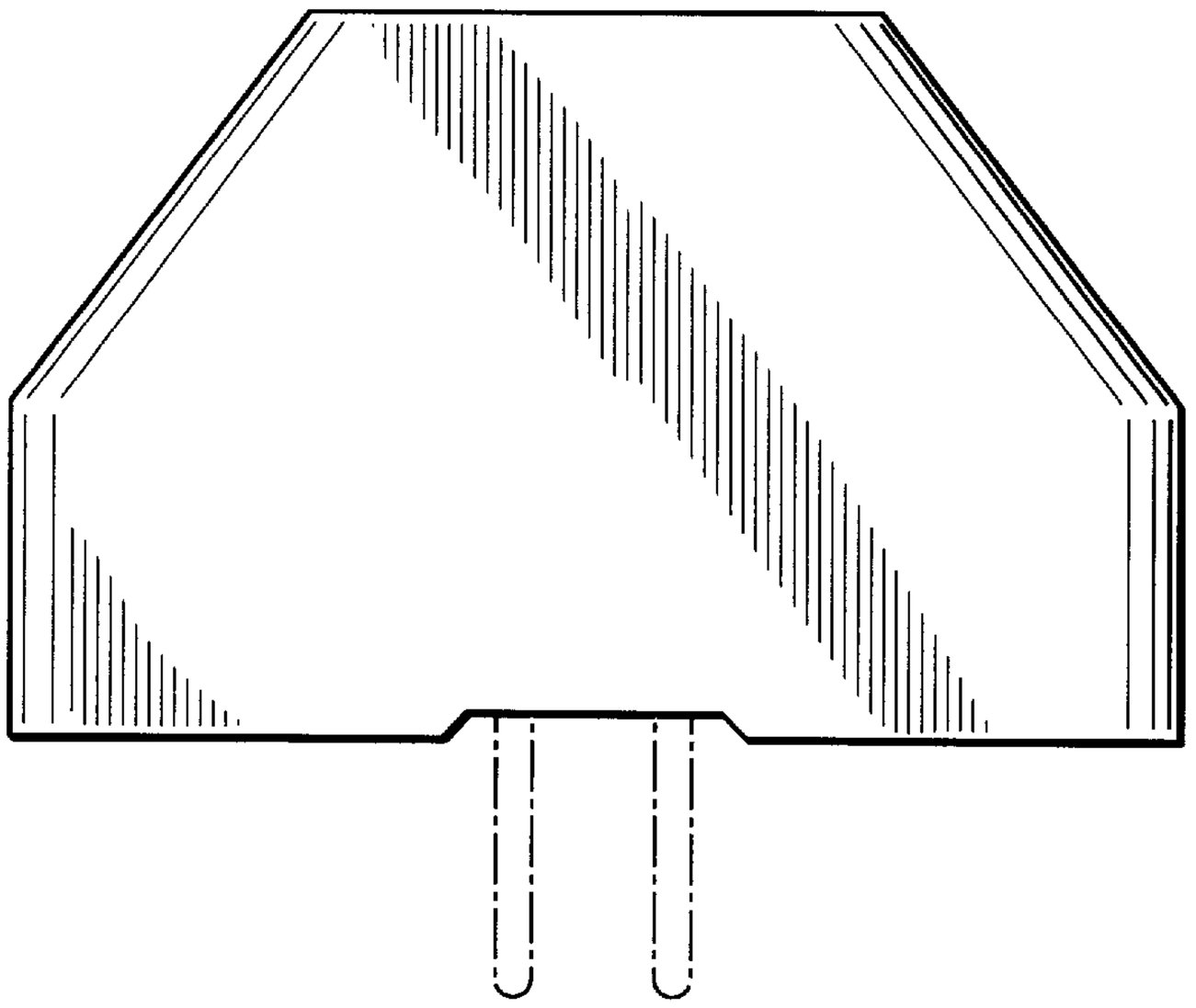


FIG._28

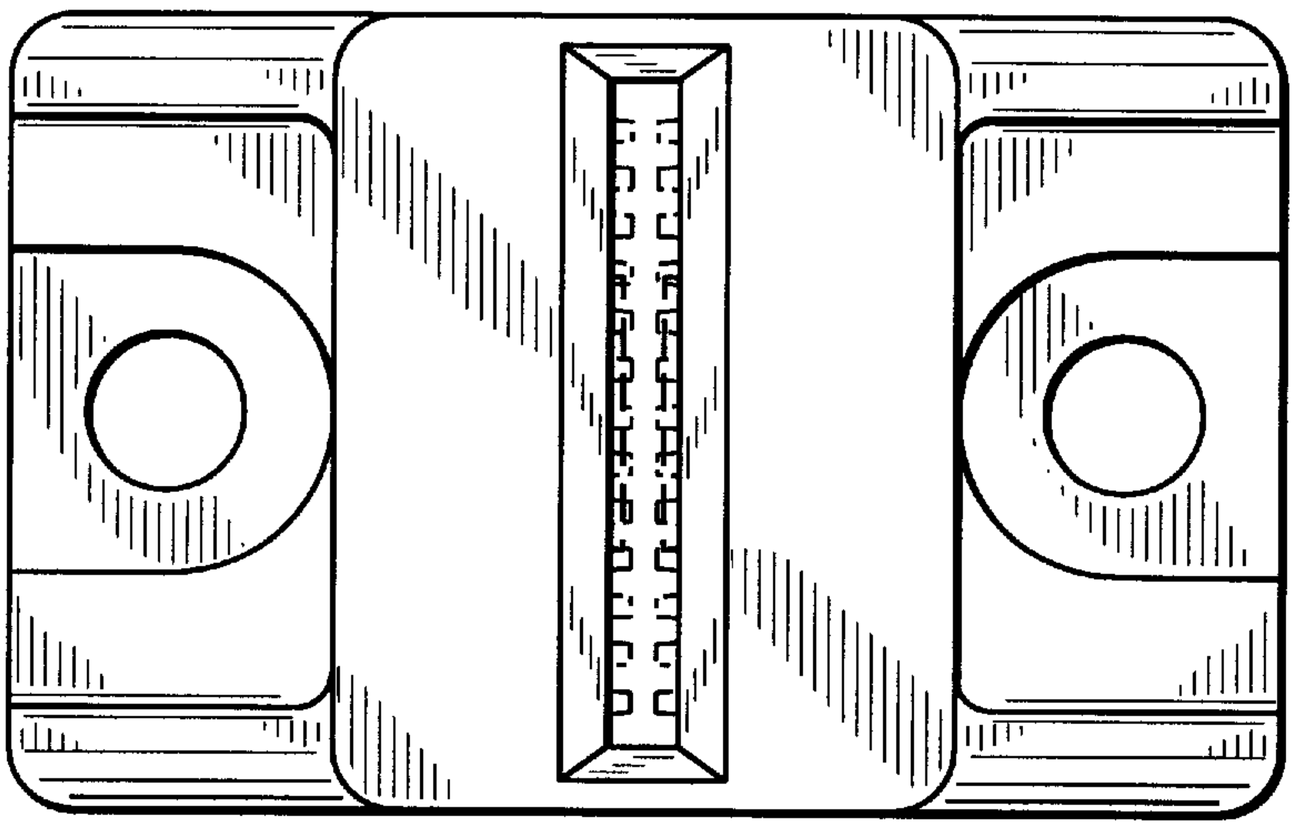


FIG._29

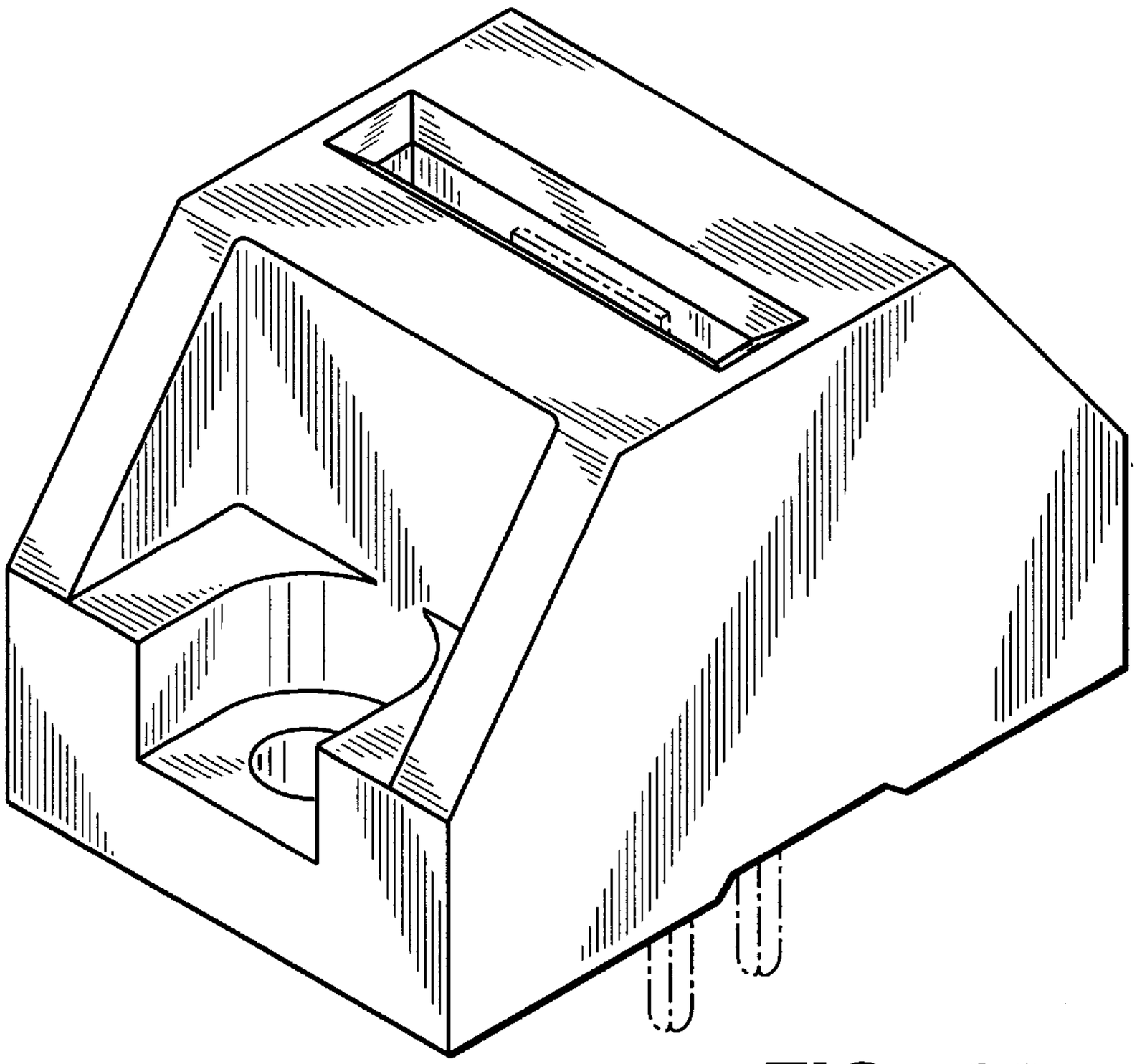


FIG._30

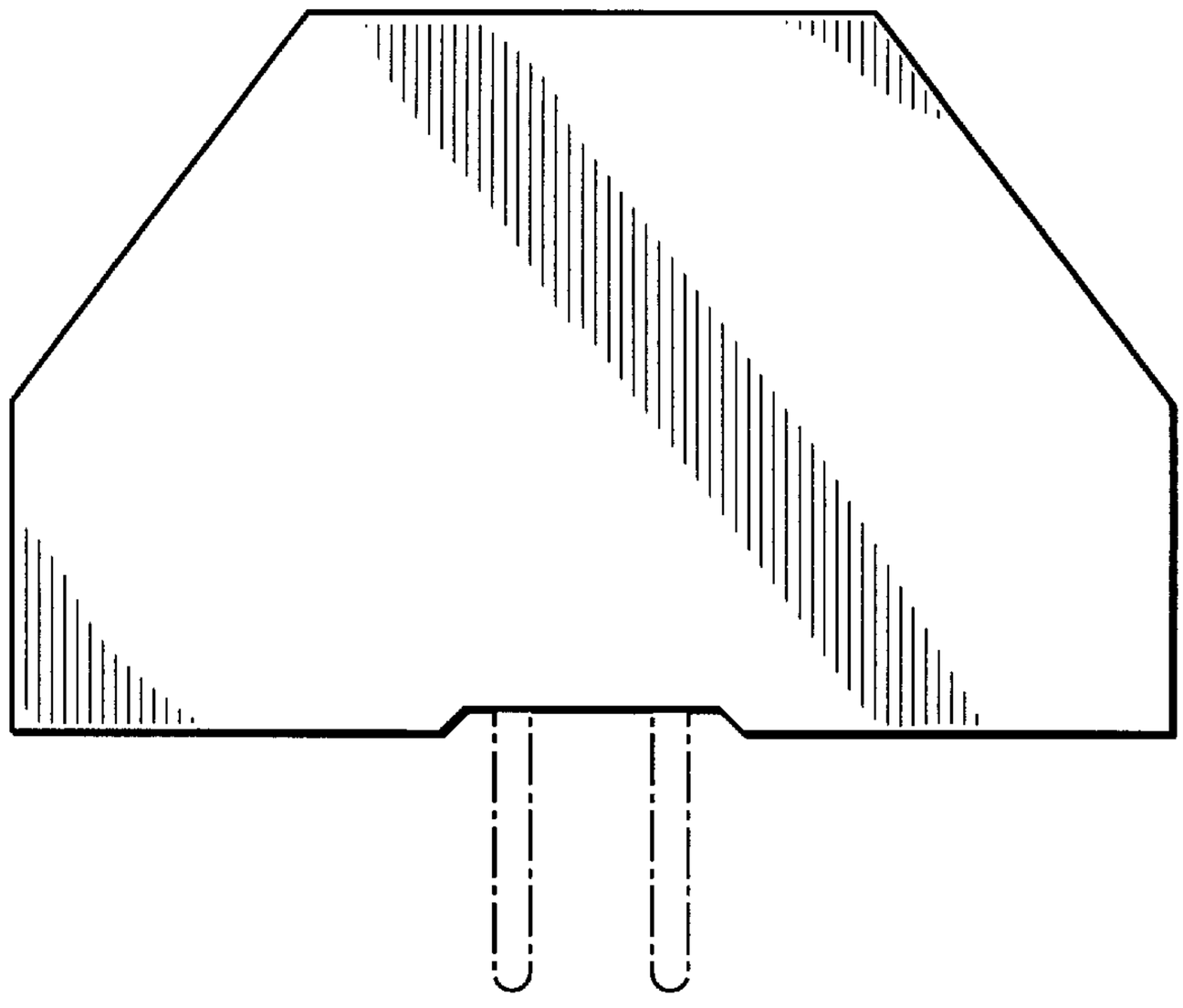


FIG._31

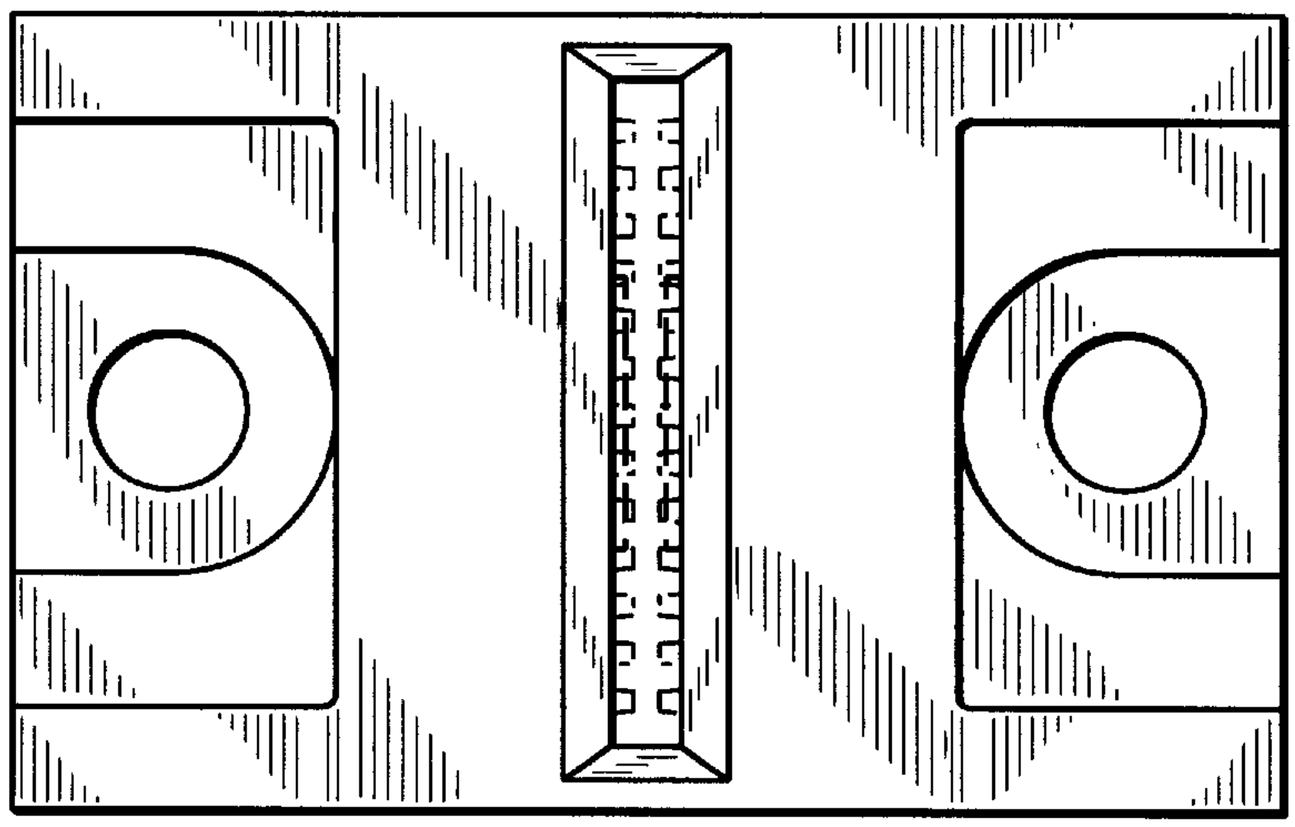


FIG._32