



US00D396013S

**United States Patent** [19]  
**Luebke**

[11] **Patent Number:** **Des. 396,013**  
[45] **Date of Patent:** **\*\*Jul. 14, 1998**

[54] **PLUG-IN ELECTRICAL INSTRUMENT**

[75] **Inventor:** **Thomas M. Luebke**, Menomonee Falls, Wis.

[73] **Assignee:** **Applied Power Inc.**, Butler, Wis.

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

[21] **Appl. No.:** **64,746**

[22] **Filed:** **Jan. 9, 1997**

[51] **LOC (6) Cl.** ..... **10-04**

[52] **U.S. Cl.** ..... **D10/78**

[58] **Field of Search** ..... D10/78; 324/133,  
324/508-511; 361/42-50, 86, 87

[56] **References Cited**

**U.S. PATENT DOCUMENTS**

D. 300,809 4/1989 Schwartz ..... D10/78  
D. 312,583 12/1990 Kopp ..... D10/78

**OTHER PUBLICATIONS**

Applicant's Exhibit A, GB Electrical, Inc. Catalog #AD-240R, dated 1992, p. 130; showing GRT-500 Receptacle Tester and Circuit Analyzer and GFI-501 Ground Fault Indicator Tester.

Applicant's Exhibit B, A.W. Sperry Instruments Inc., Model CS-500A Circuit Breaker Finder, admitted prior art.

Applicant's Exhibit C, Specialized Products Company Catalog, p. 145, showing Ideal E-Z Check® Receptacle Analyzers, admitted prior art.

Applicant's Exhibit D, GSA Systems, Inc., two pages showing plug-in housings, dated Dec. 1994, admitted prior art.

Applicant's Exhibit E, two catalog pages showing ST-1, ST-1D, and ST-1THD circuit analyzers, admitted prior art.

*Primary Examiner*—Antoine Duval Davis

*Attorney, Agent, or Firm*—Quarles & Brady

[57] **CLAIM**

The ornamental design for a plug-in electrical instrument, as shown and described.

**DESCRIPTION**

FIG. 1 is a perspective view of a plug-in electrical instrument showing my new design;

FIG. 2 is a top elevational view thereof;

FIG. 3 is a left side elevational view thereof, the right side elevational view being a mirror image of FIG. 3;

FIG. 4 is a front elevational view thereof;

FIG. 5 is a rear elevational view thereof;

FIG. 6 is a bottom elevational view thereof;

FIG. 7 is a perspective view similar to FIG. 1 but of a second embodiment of a plug-in electrical instrument showing my new design;

FIG. 8 is a top elevational view thereof, the left, front, rear and bottom elevational views thereof being the same as the respective FIGS. 3-6, and the right side elevational view being a mirror image of FIG. 3;

FIG. 9 is a perspective view of a third embodiment of a plug-in electrical instrument showing my new design;

FIG. 10 is a top elevational view thereof;

FIG. 11 is a front elevational view thereof;

FIG. 12 is a bottom elevational view thereof, the left and rear elevational views thereof being the same as the respective FIGS. 3 and 5, and the right side elevational view being a mirror image of FIG. 3;

FIG. 13 is a perspective view of a fourth embodiment of a plug-in electrical instrument showing my new design; and,

FIG. 14 is a top elevational view thereof, the left side, front, rear and bottom elevational views thereof being the same as respective FIGS. 3, 11, 5 and 12, and the right side elevational view being a mirror image of FIG. 3.

**1 Claim, 4 Drawing Sheets**

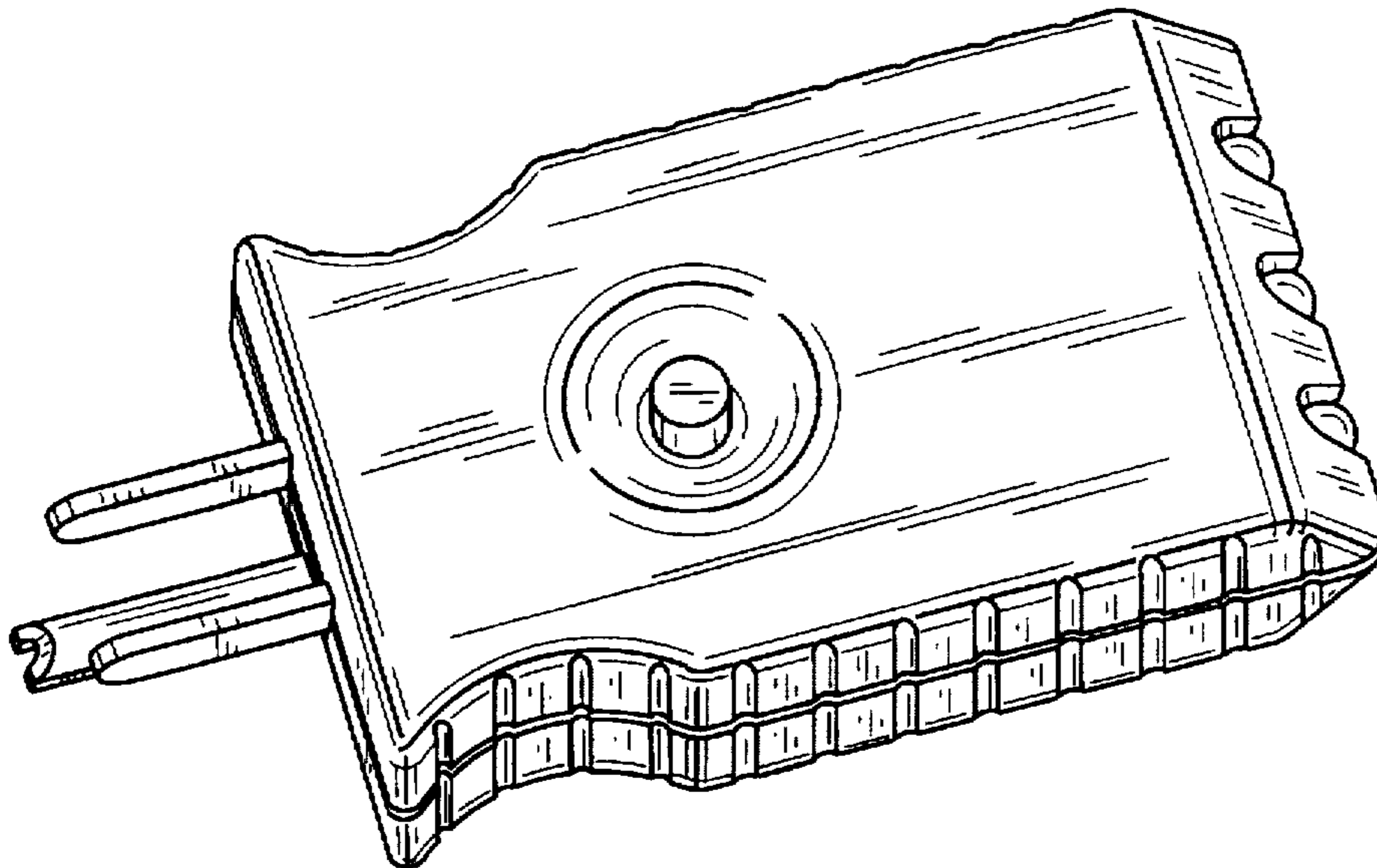


FIG. 1

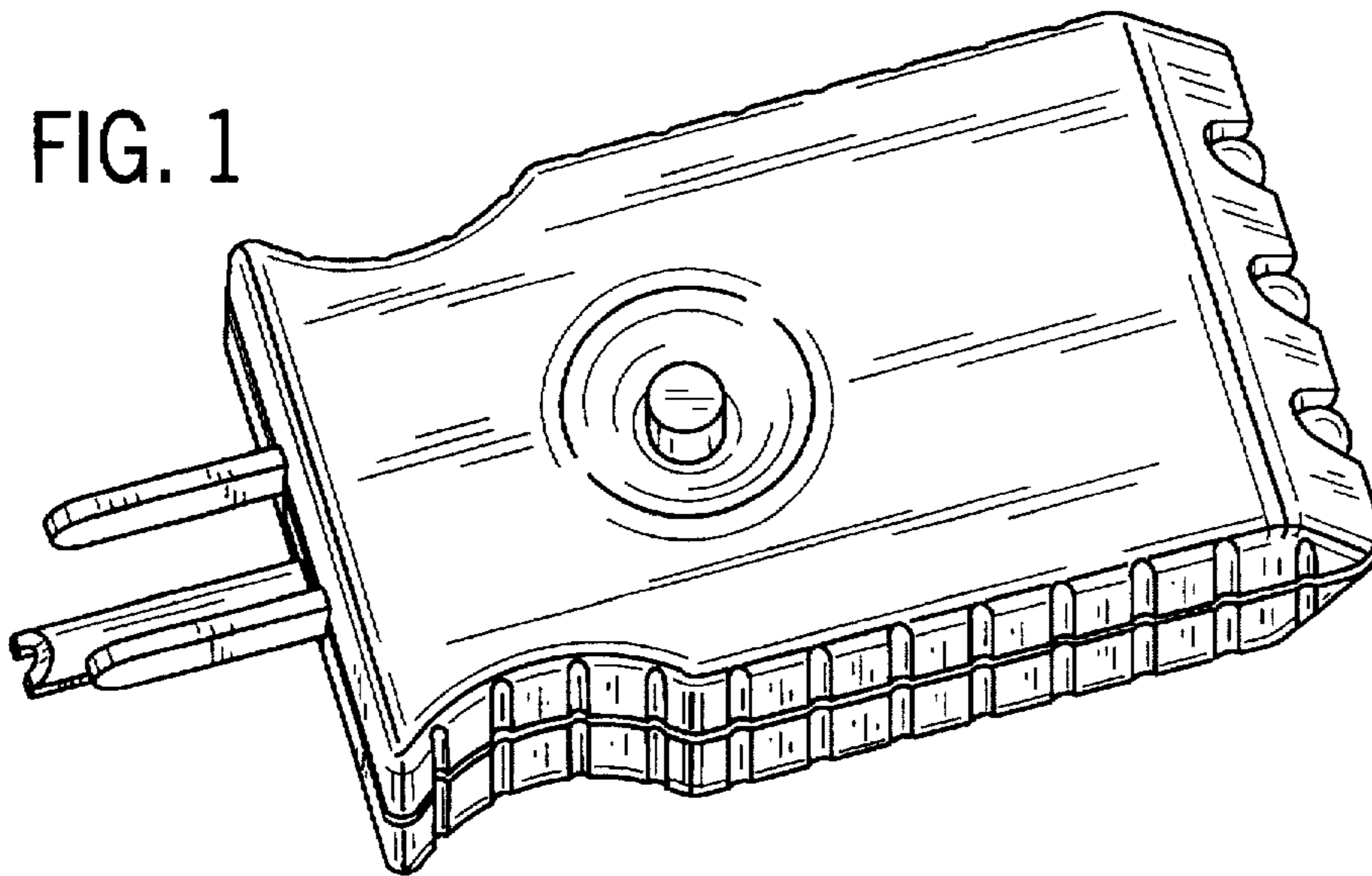


FIG. 2

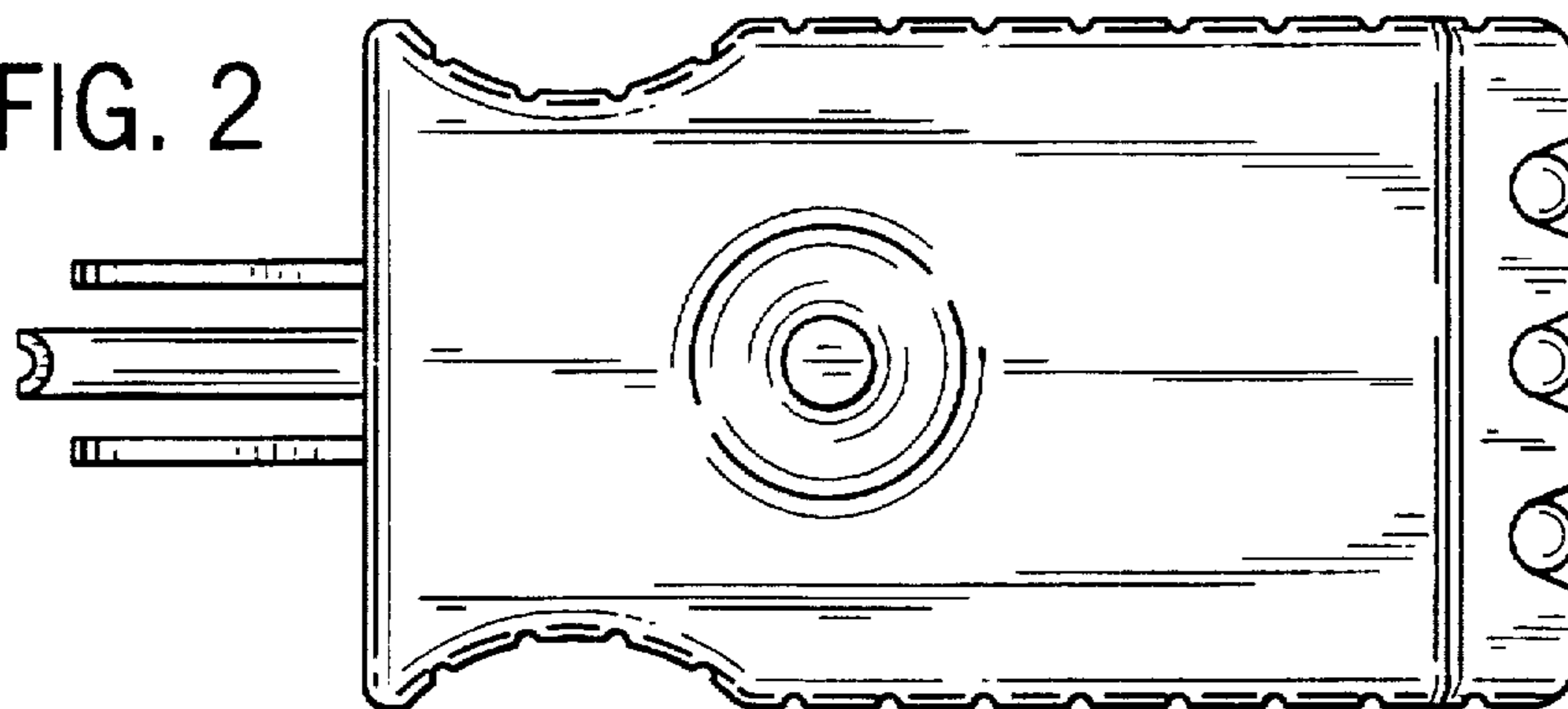


FIG. 3

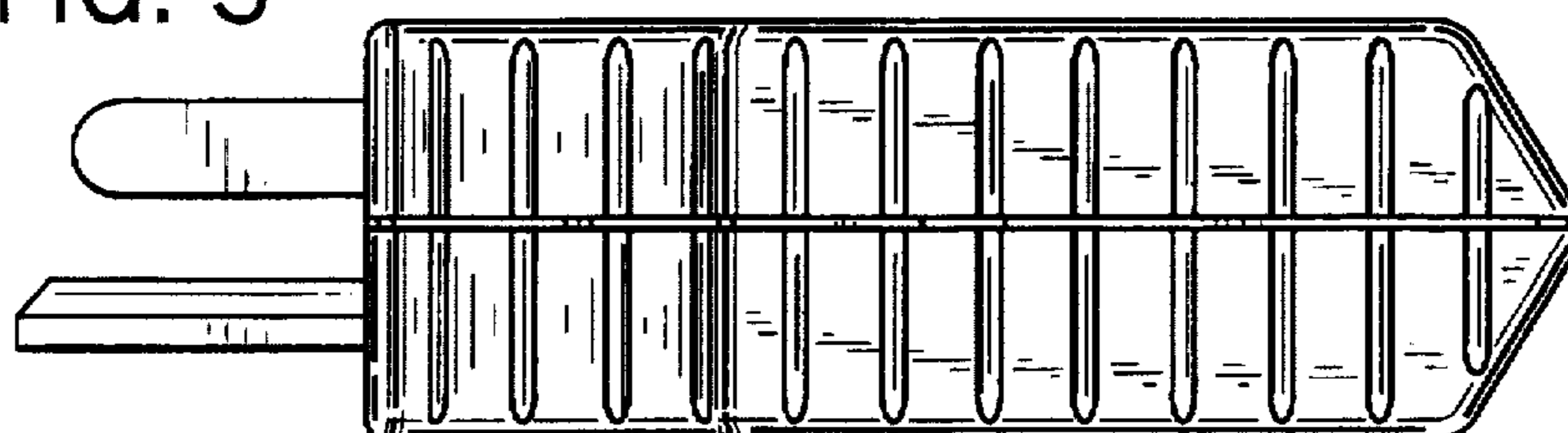


FIG. 4

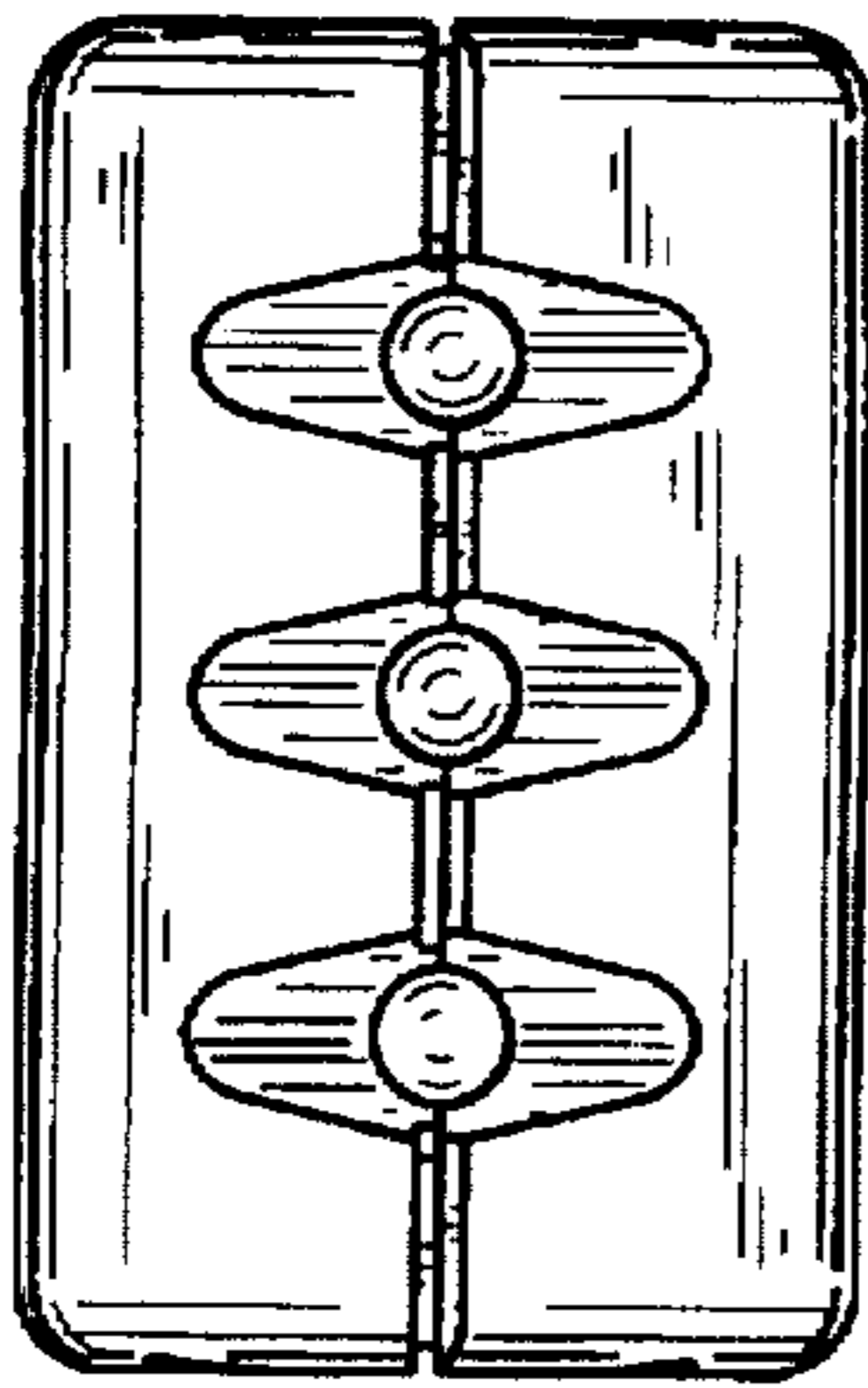


FIG. 5

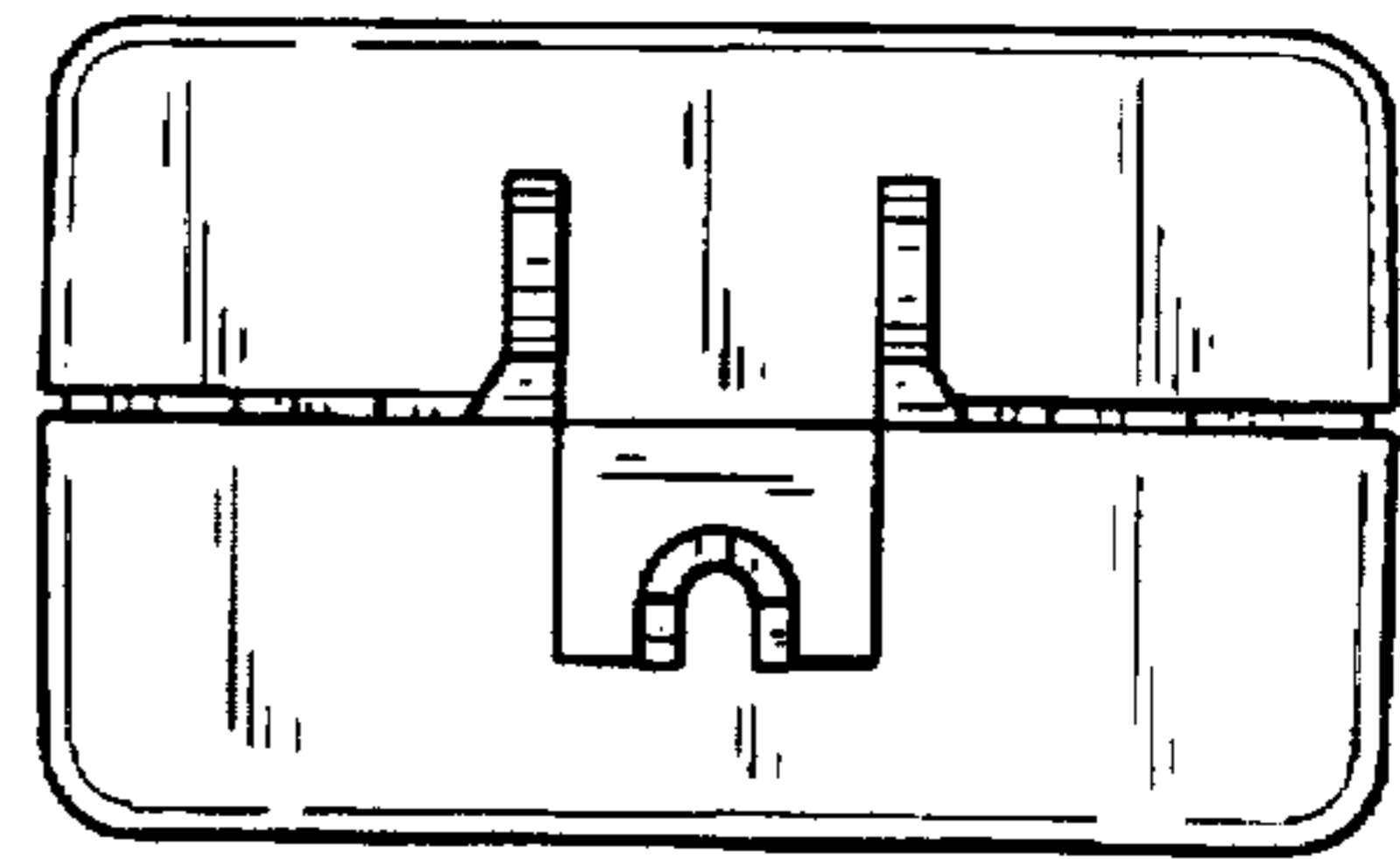


FIG. 6

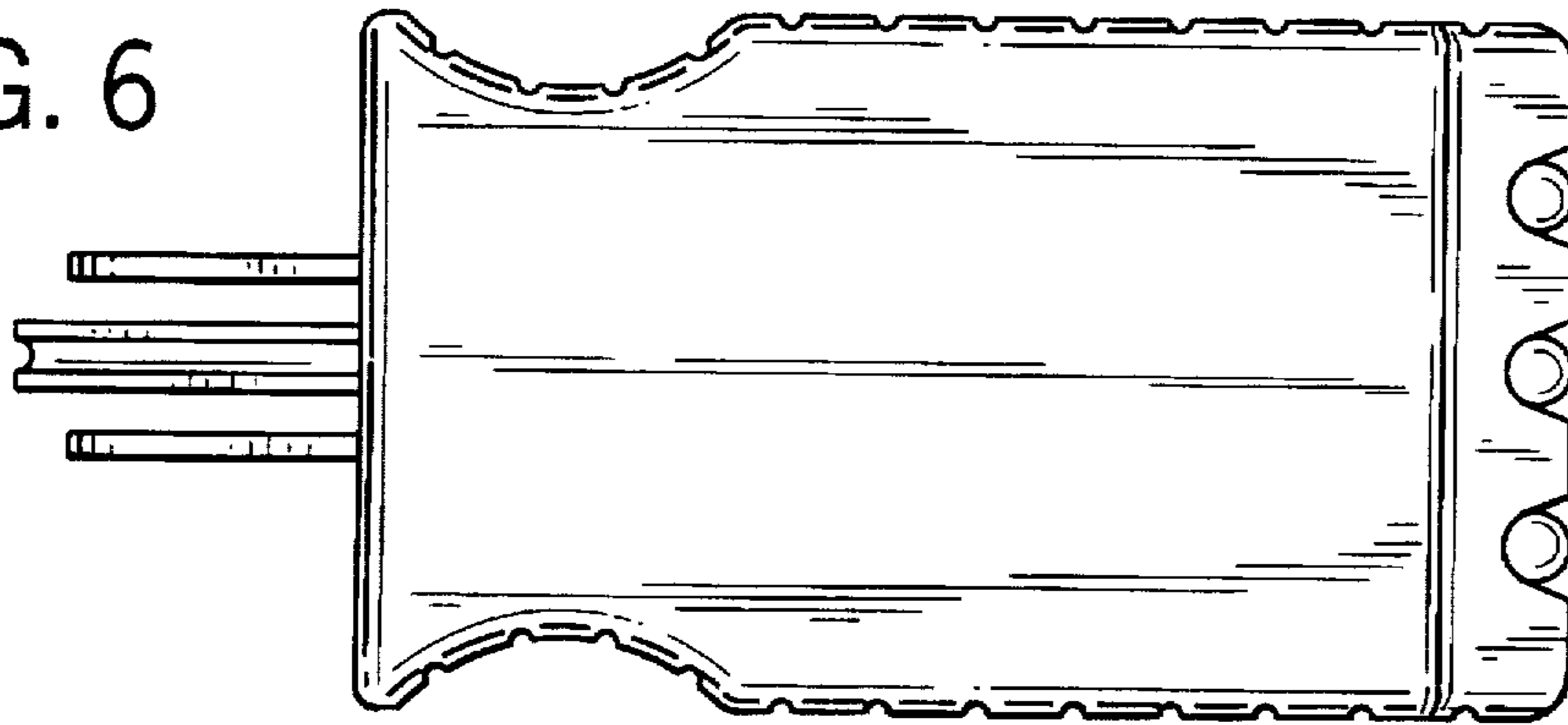


FIG. 7

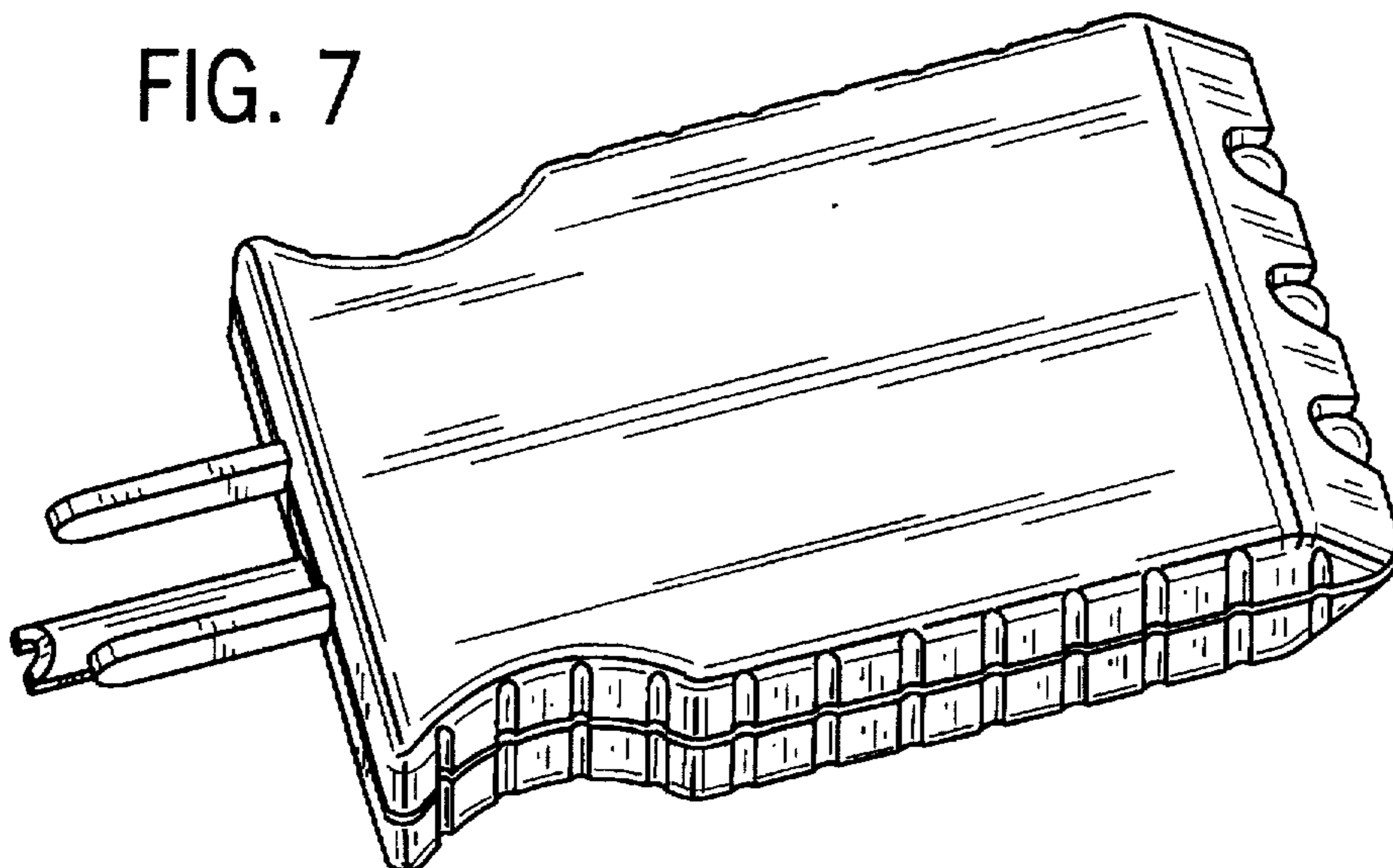


FIG. 8

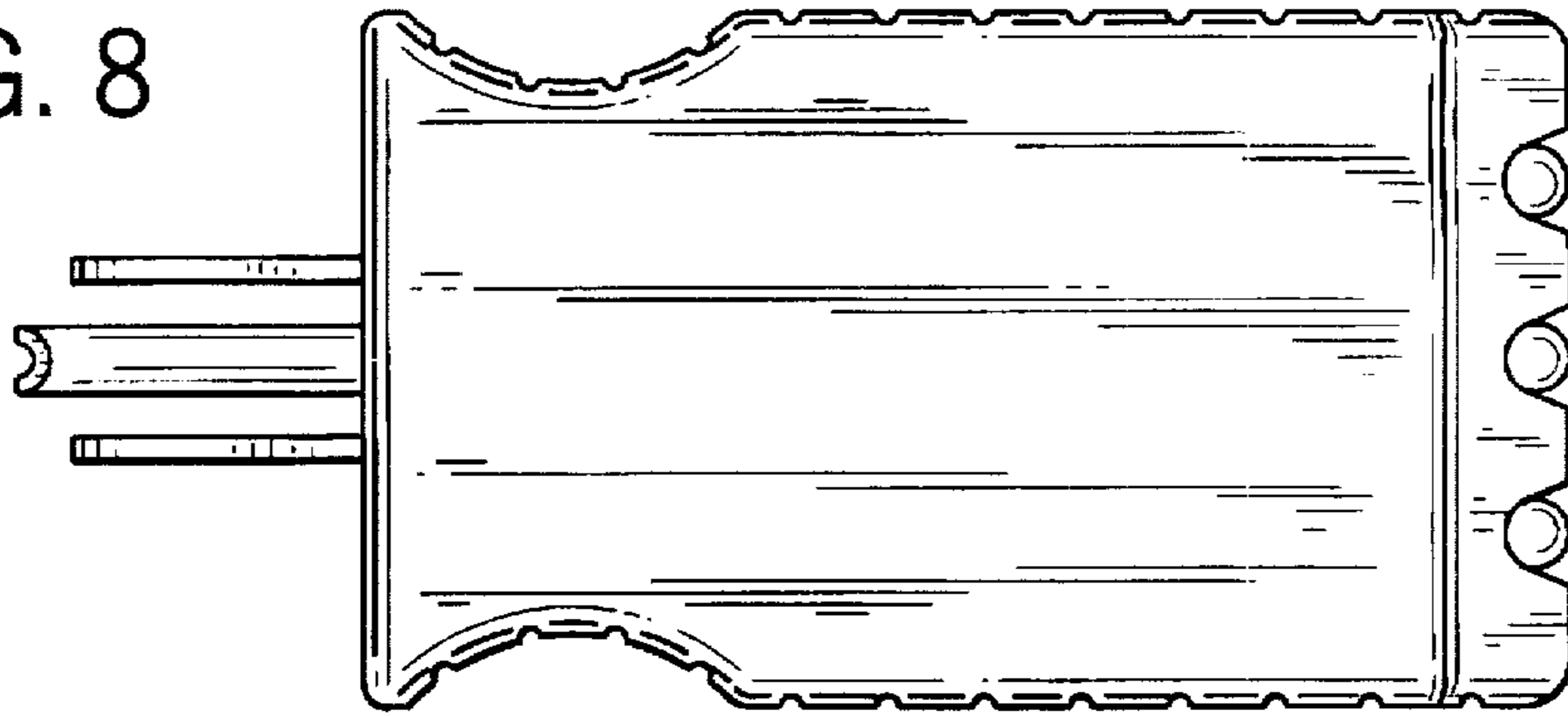


FIG. 9

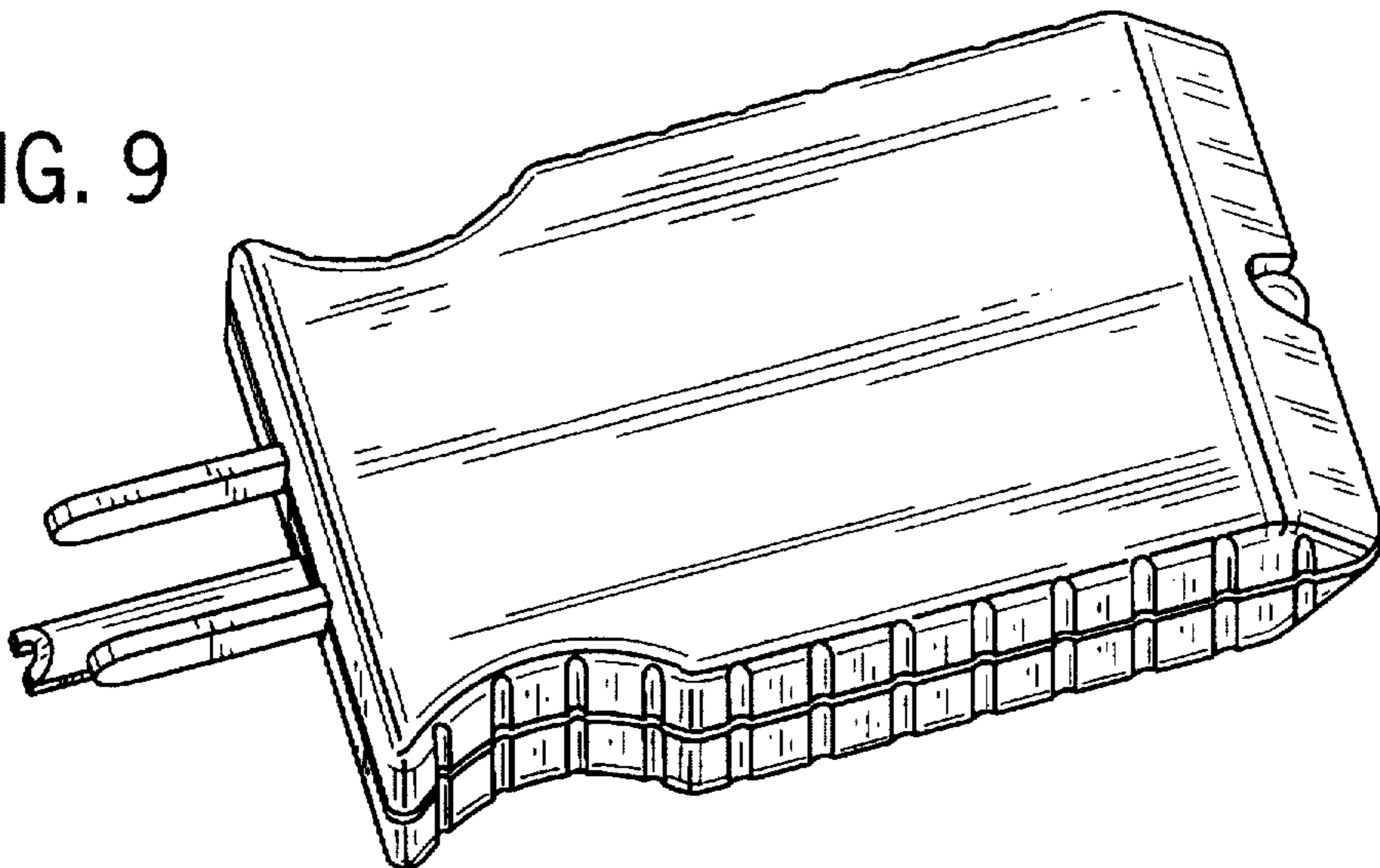


FIG. 10

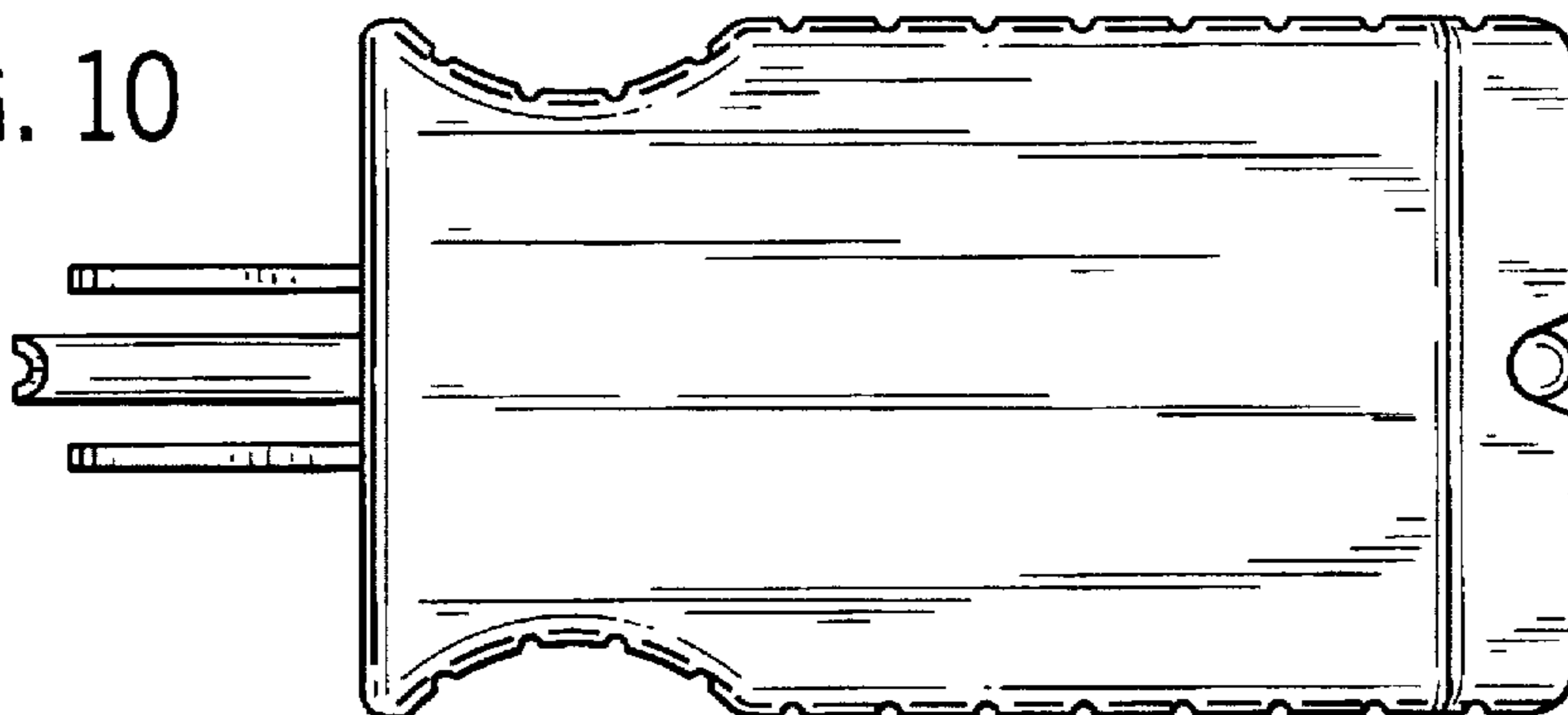


FIG. 11

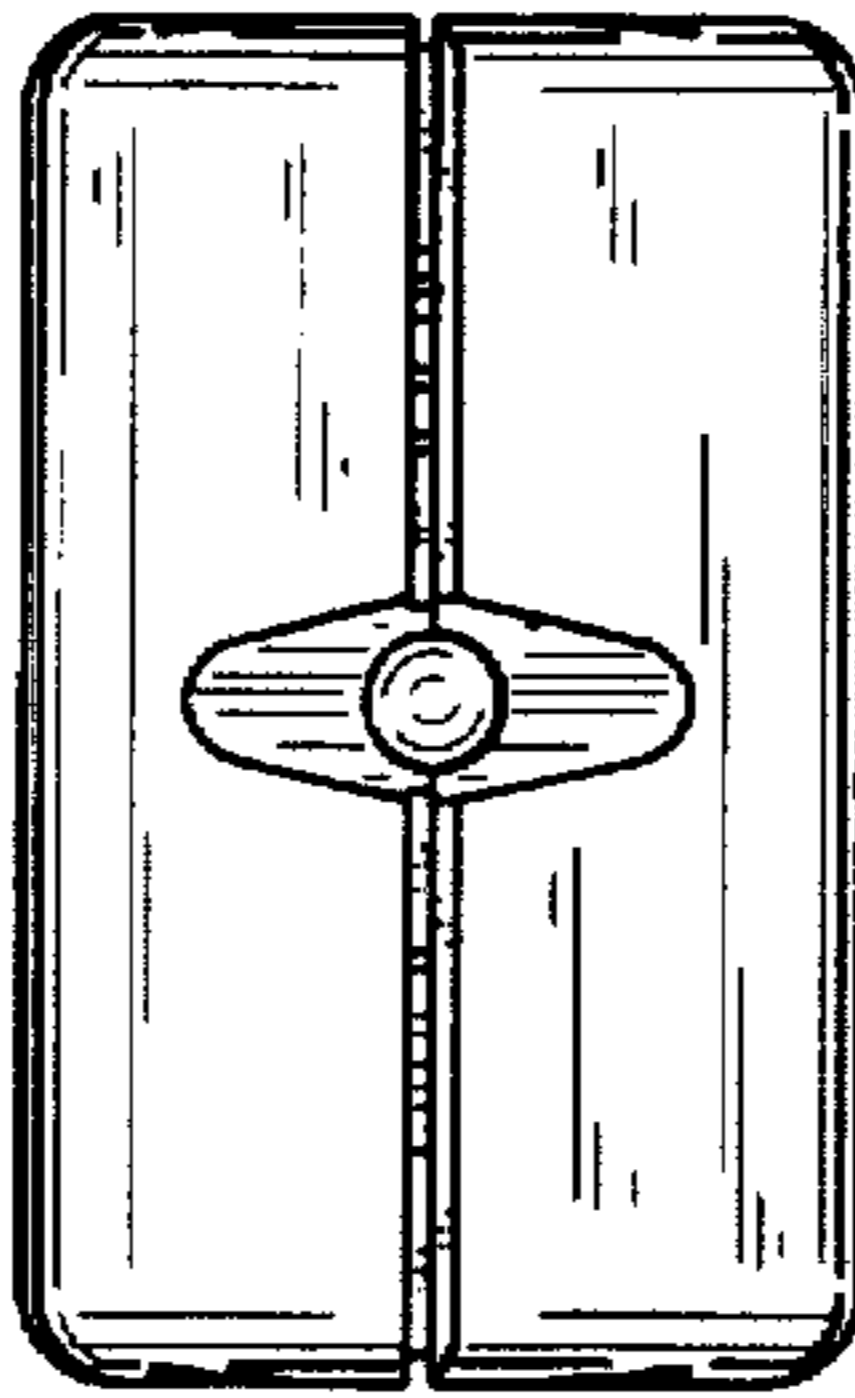


FIG. 12

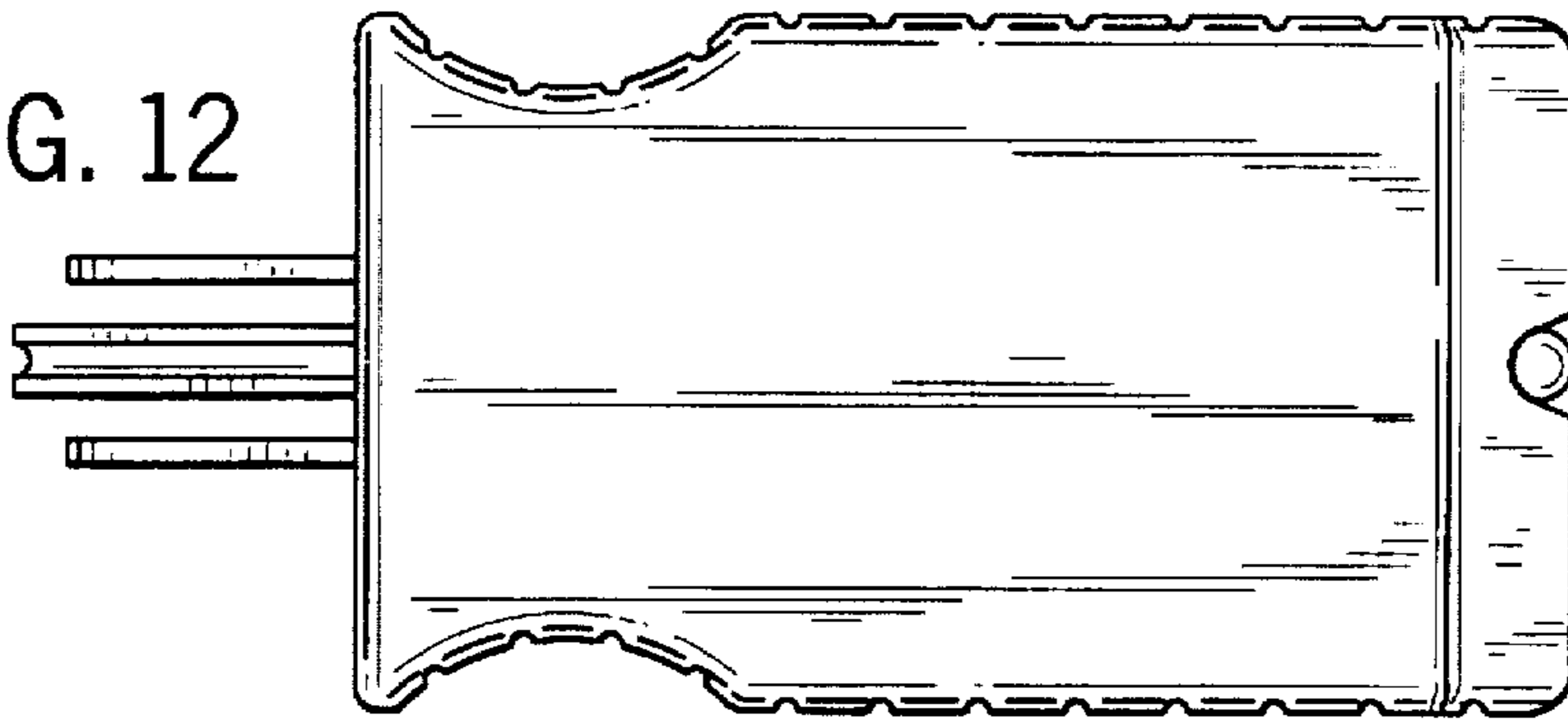


FIG. 13

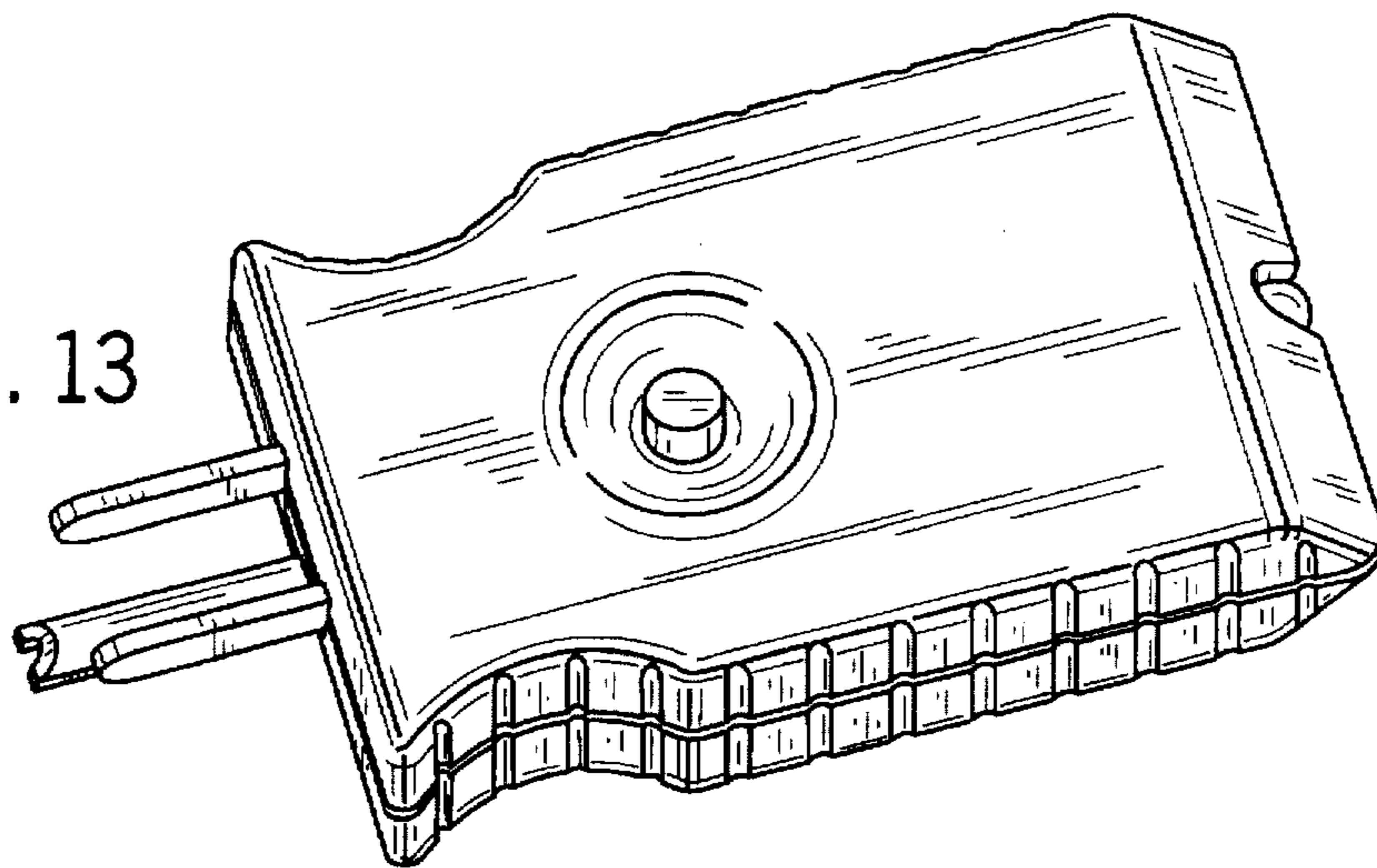


FIG. 14

