

(12) **United States Design Patent** (10) **Patent No.:** **US D511,468 S**
Aromin (45) **Date of Patent:** **** Nov. 15, 2005**

(54) **LEAKAGE CURRENT DETECTION
INTERRUPTER PLUG**

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(US)

(73) Assignee: **Tower Manufacturing Corporation**,
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(**) Term: **14 Years**

(21) Appl. No.: **29/191,213**

(22) Filed: **Oct. 2, 2003**

(51) **LOC (8) Cl.** **10-04**

(52) **U.S. Cl.** **D10/75; D10/78**

(58) **Field of Search** **D10/75, 78; 361/61,
361/42-50**

(56) **References Cited**

U.S. PATENT DOCUMENTS

5,148,344	A	*	9/1992	Rao et al.		361/42
5,305,173	A	*	4/1994	Kakuta et al.		361/45
D352,667	S	*	11/1994	Chen		D10/75
D363,680	S	*	10/1995	Shan		D10/75
D364,826	S	*	12/1995	Wu		D10/75
5,644,464	A	*	7/1997	Zhou		361/42
5,661,623	A	*	8/1997	McDonald et al.		361/42
5,862,029	A	*	1/1999	Nicol		361/42
6,693,779	B2	*	2/2004	DiSalvo		361/42

* cited by examiner

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(74) *Attorney, Agent, or Firm*—Kriegsman & Kriegsman

(57) **CLAIM**

The ornamental design for a leakage current detection interrupter plug, as shown and described.

DESCRIPTION

FIG. 1 is a perspective view taken from the bottom of a leakage current detection interrupter plug showing my new design;

FIG. 2 is a bottom view of the leakage current detection interrupter plug shown in FIG. 1;

FIG. 3 is a top view of the leakage current detection interrupter plug shown in FIG. 1;

FIG. 4 is a left side view of the leakage current detection interrupter plug shown in FIG. 1;

FIG. 5 is a right side view of the leakage current detection interrupter plug shown in FIG. 1;

FIG. 6 is a front view of the leakage current detection interrupter plug shown in FIG. 1;

FIG. 7 is a rear view of the leakage current detection interrupter plug shown in FIG. 1;

FIG. 8 is a perspective view taken from the bottom of another embodiment of a leakage current detection interrupter plug showing my new design;

FIG. 9 is a bottom view of the leakage current detection interrupter plug shown in FIG. 8;

FIG. 10 is a top view of the leakage current detection interrupter plug shown in FIG. 8;

FIG. 11 is a left side view of the leakage current detection interrupter plug shown in FIG. 8;

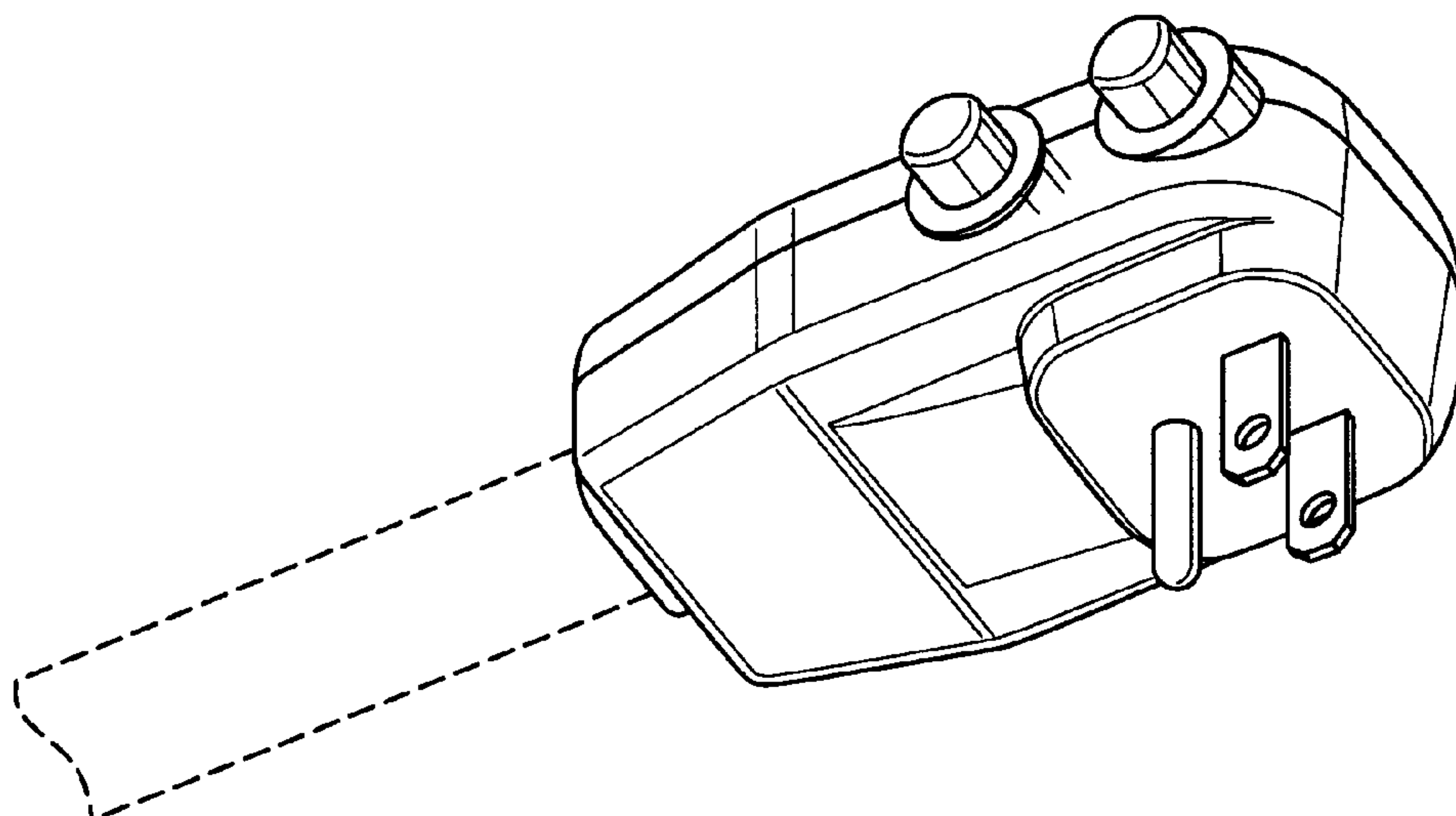
FIG. 12 is a right side view of the leakage current detection interrupter plug shown in FIG. 8;

FIG. 13 is a front view of the leakage current detection interrupter plug shown in FIG. 8; and,

FIG. 14 is a rear view of the leakage current detection interrupter plug shown in FIG. 8.

The broken line showing is for illustrative purposes only and forms no part of the claimed design.

1 Claim, 5 Drawing Sheets



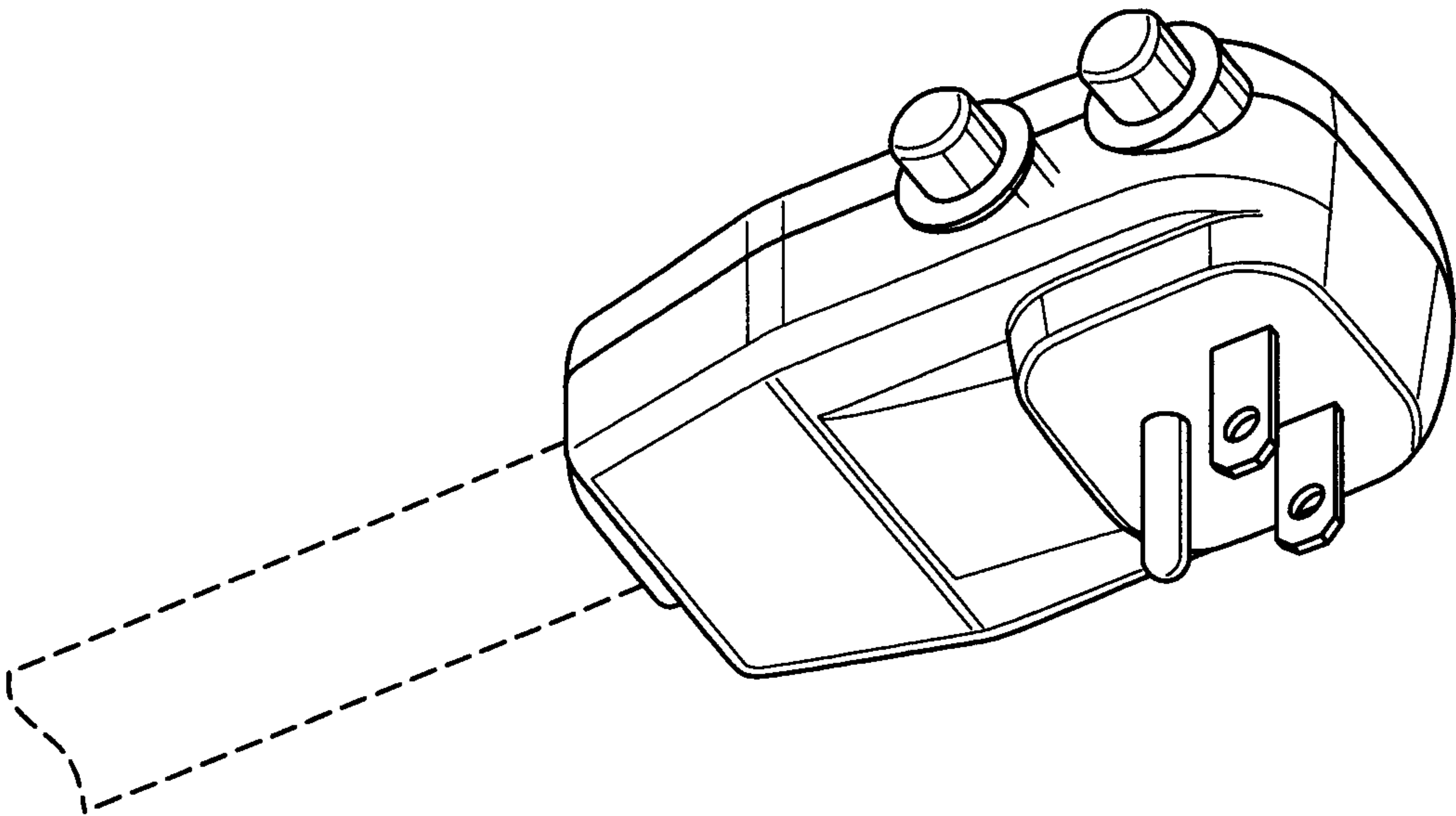


FIG. 1

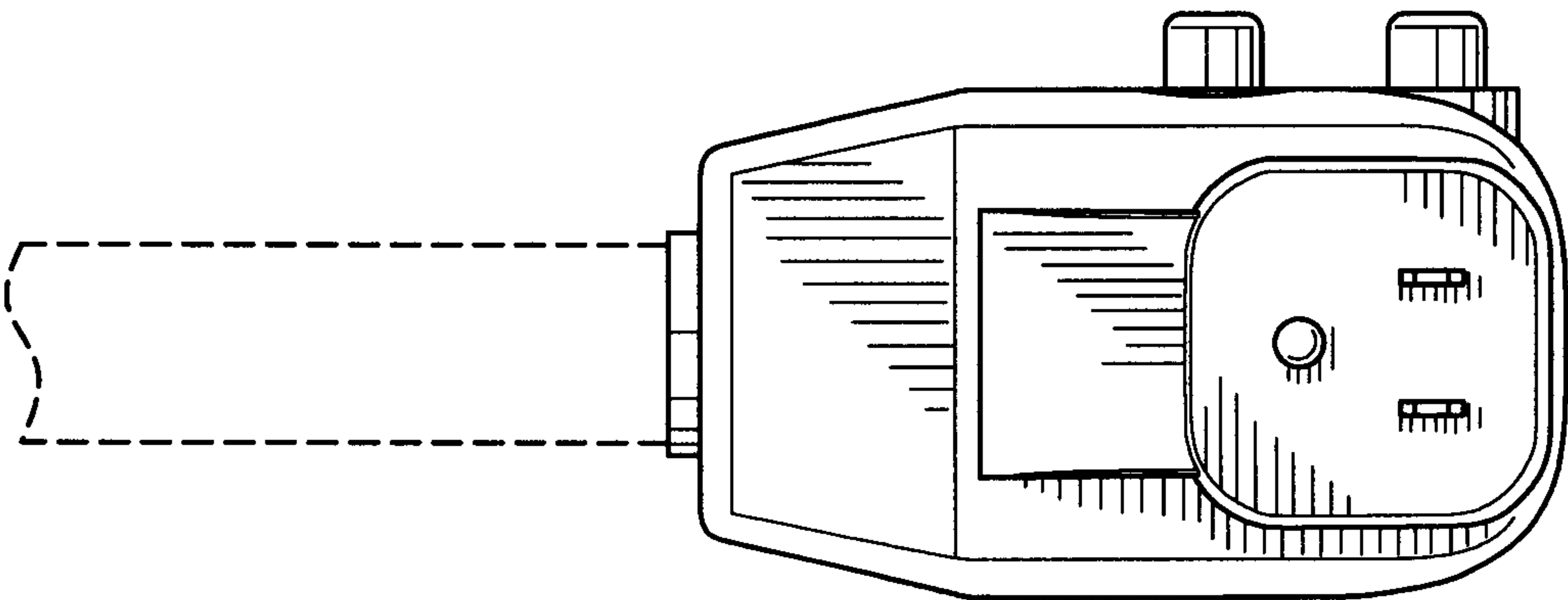


FIG. 2

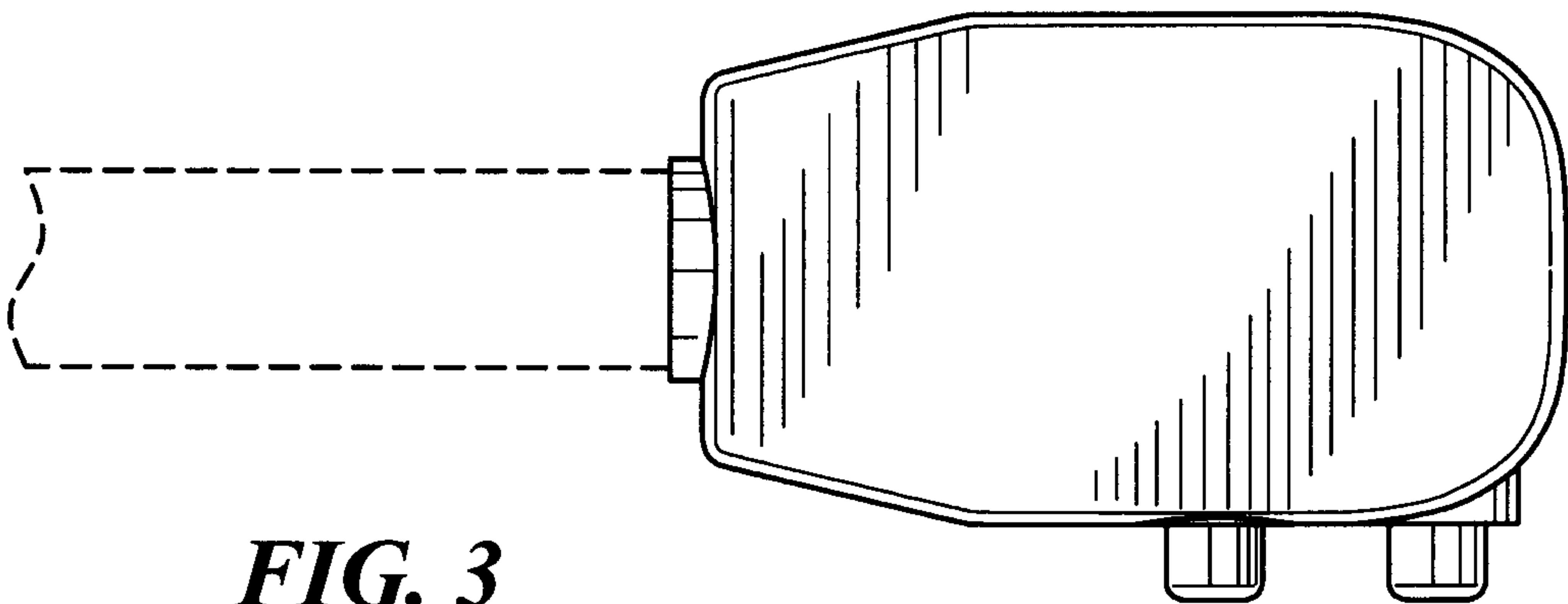


FIG. 3

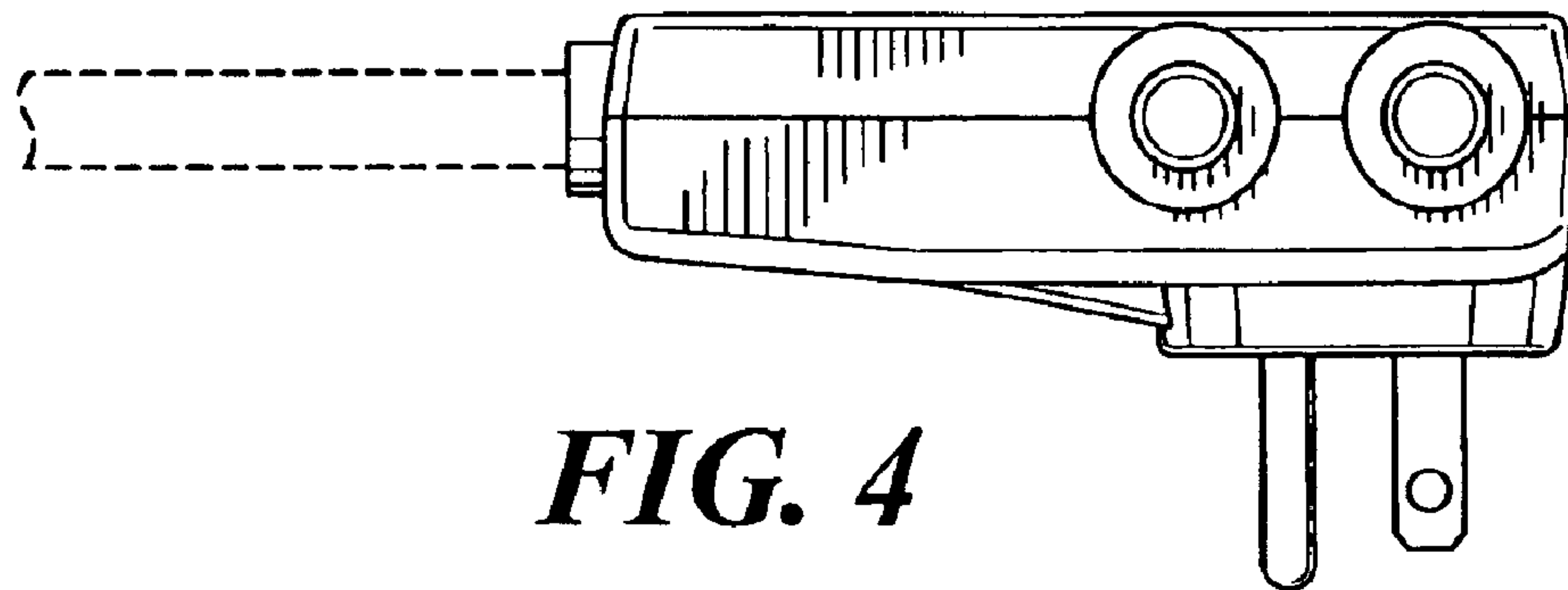


FIG. 4

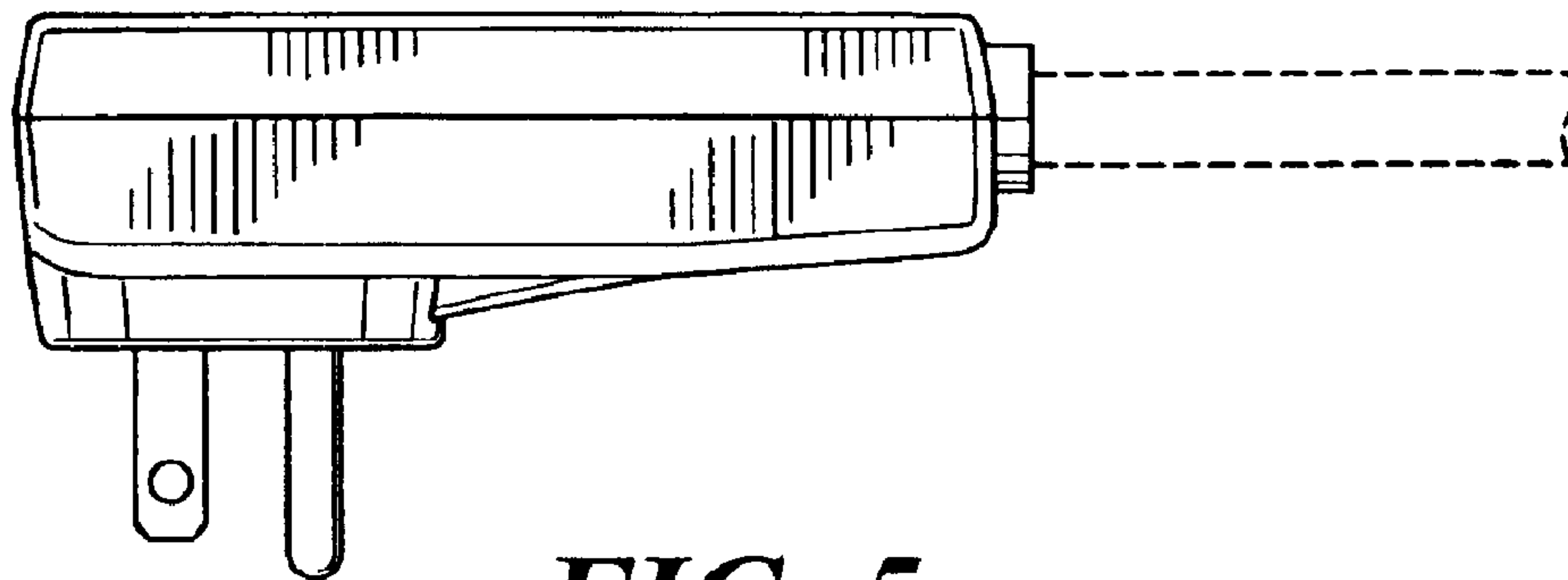


FIG. 5

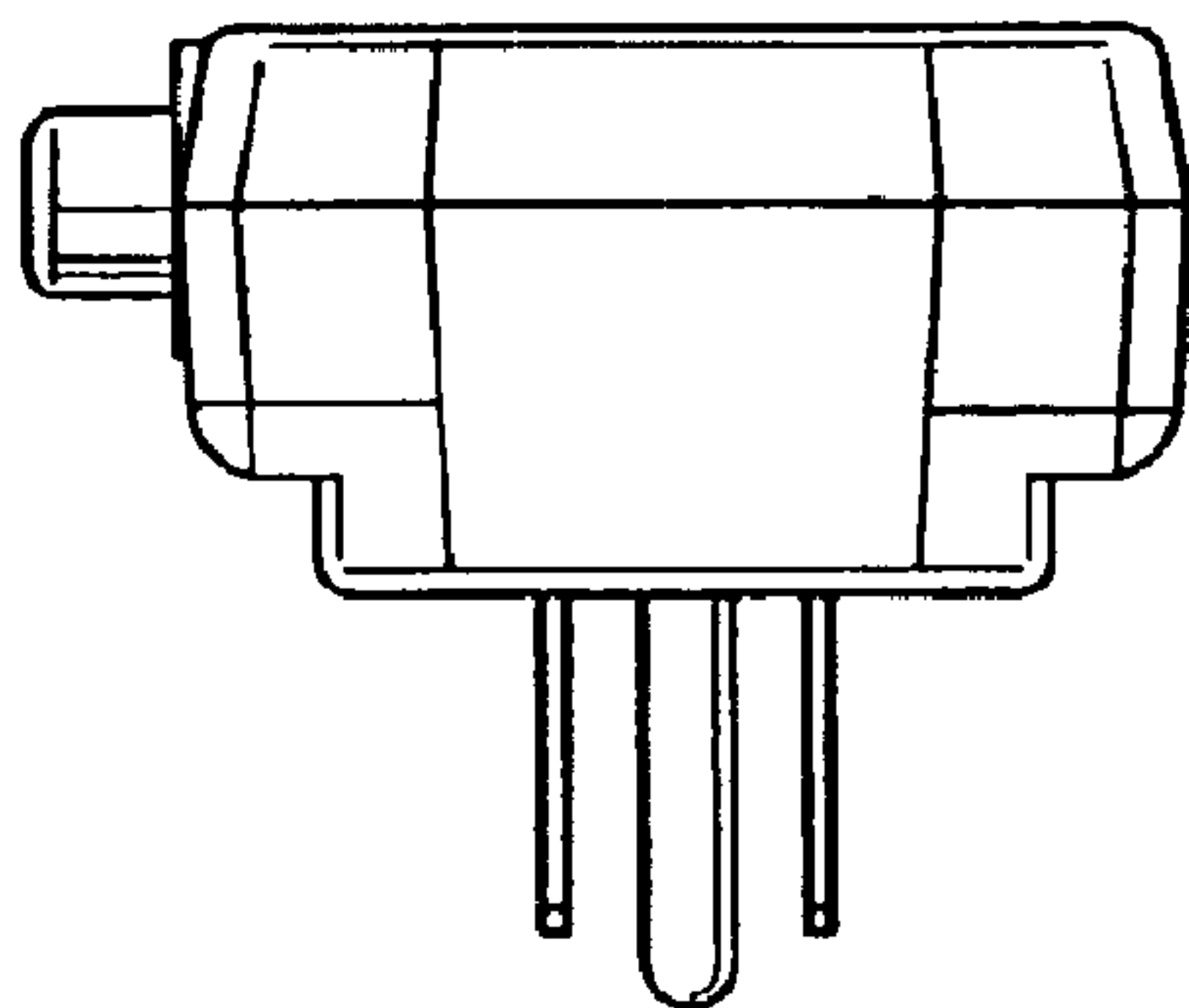


FIG. 6

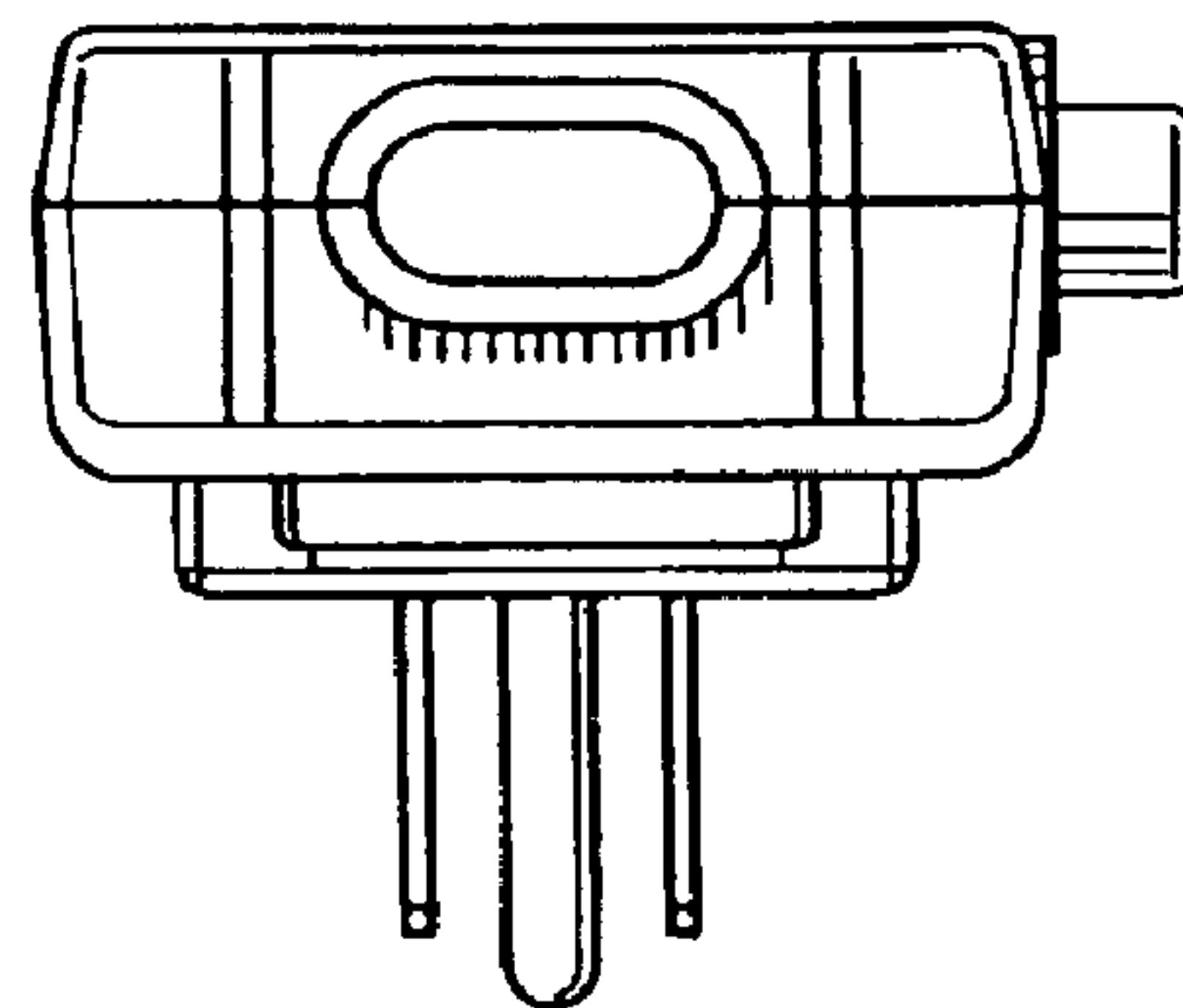


FIG 7

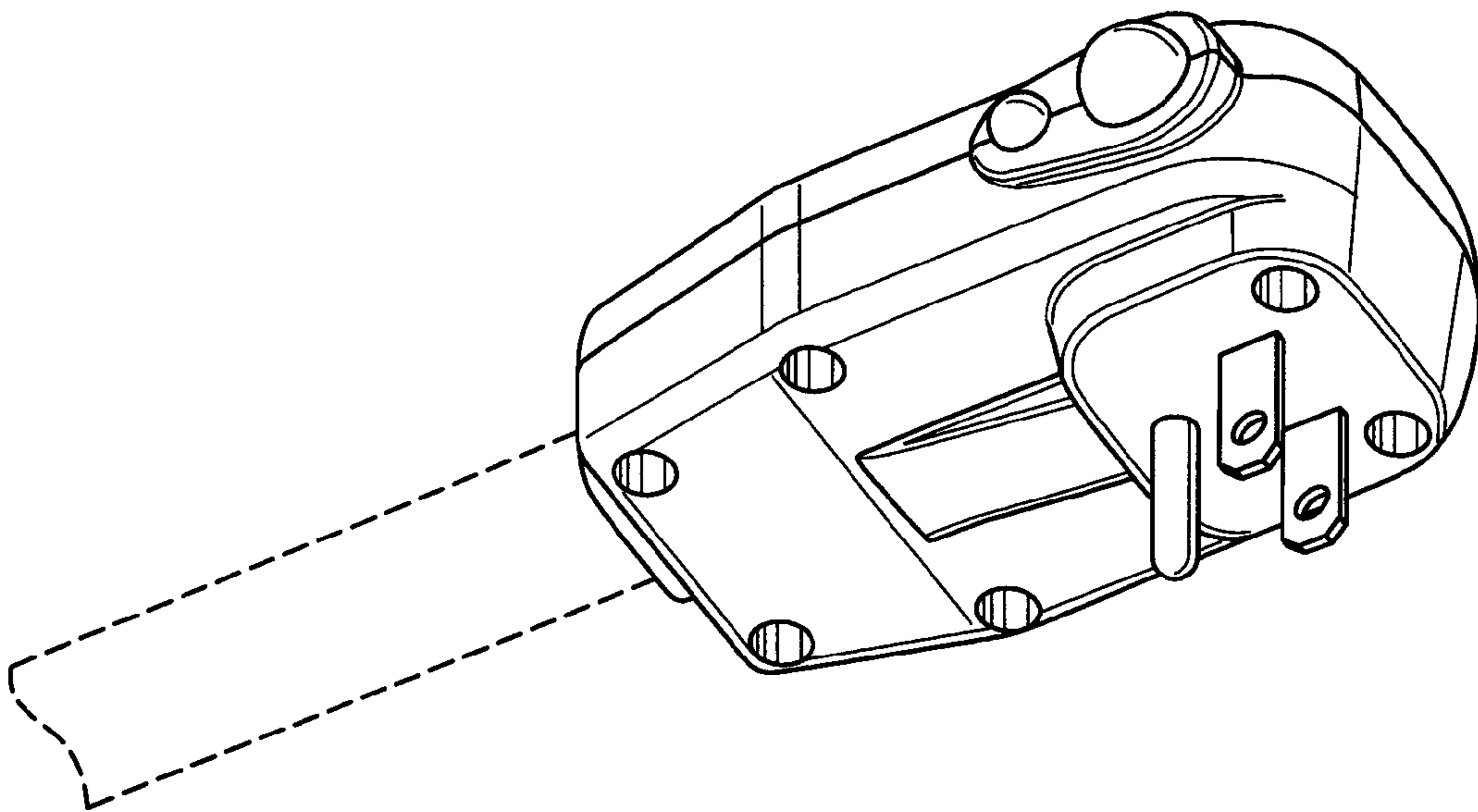


FIG. 8

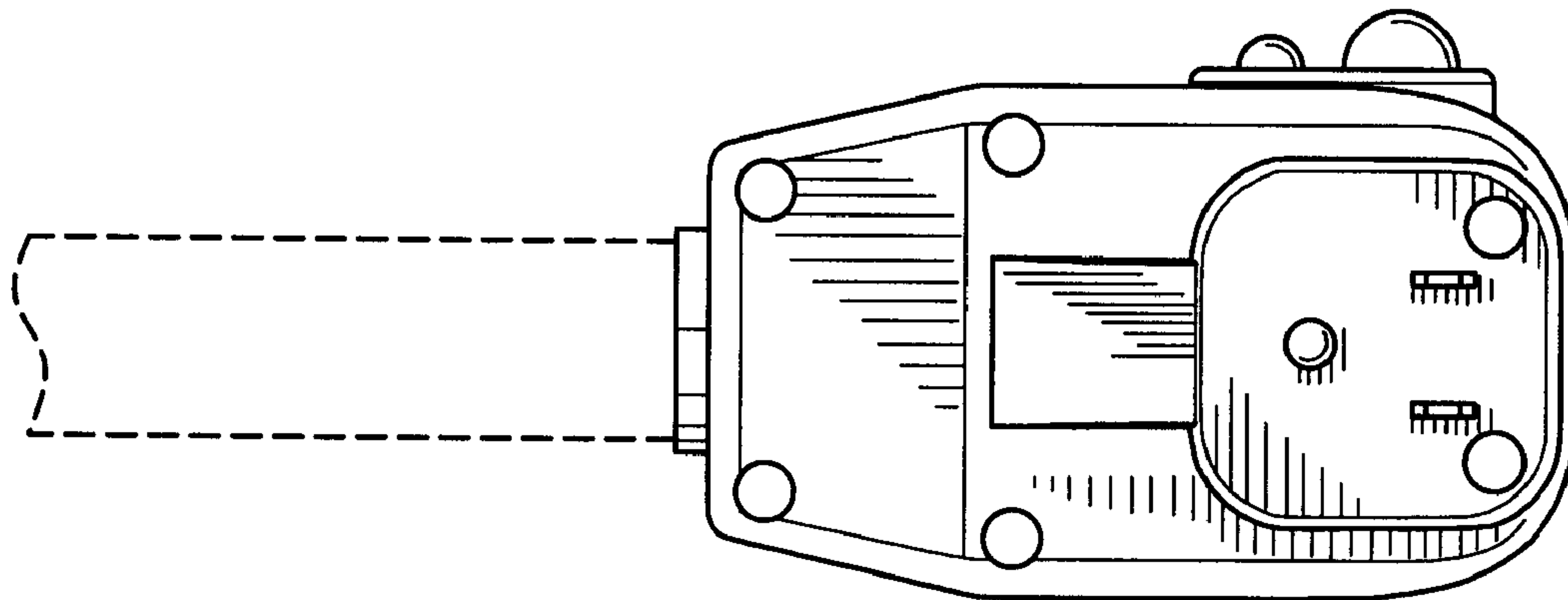


FIG. 9

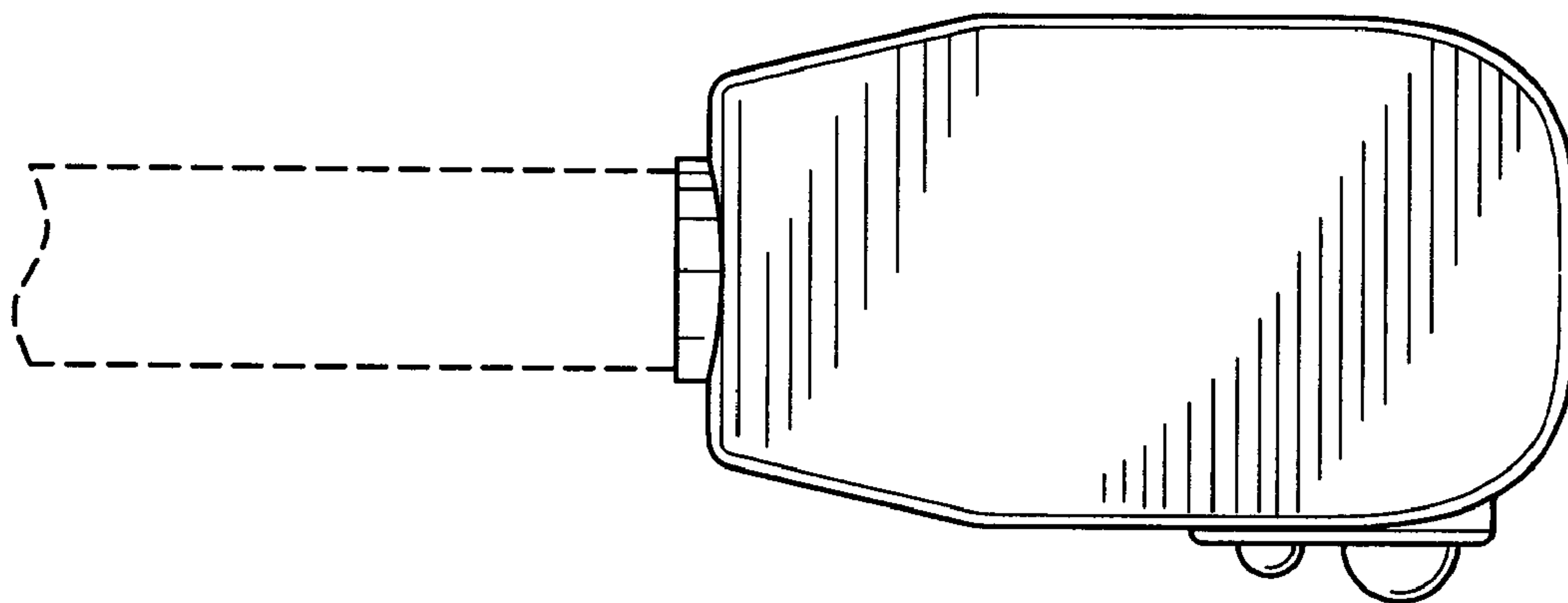


FIG. 10

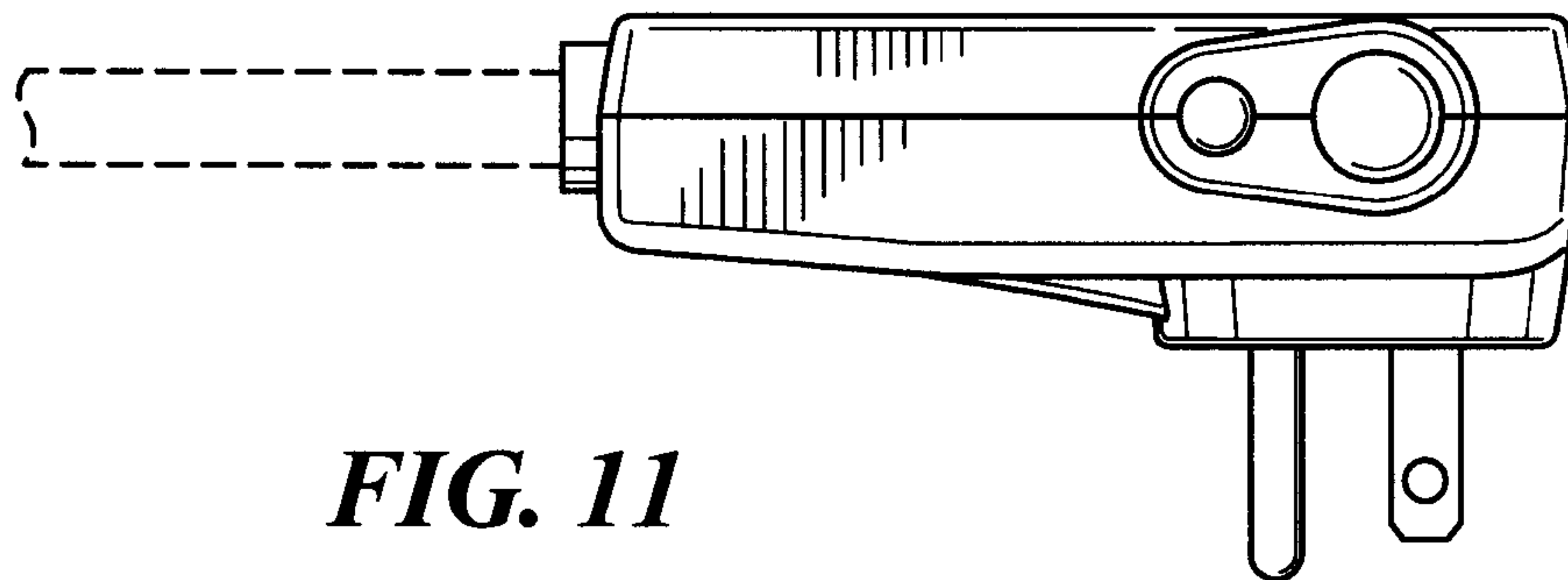


FIG. 11

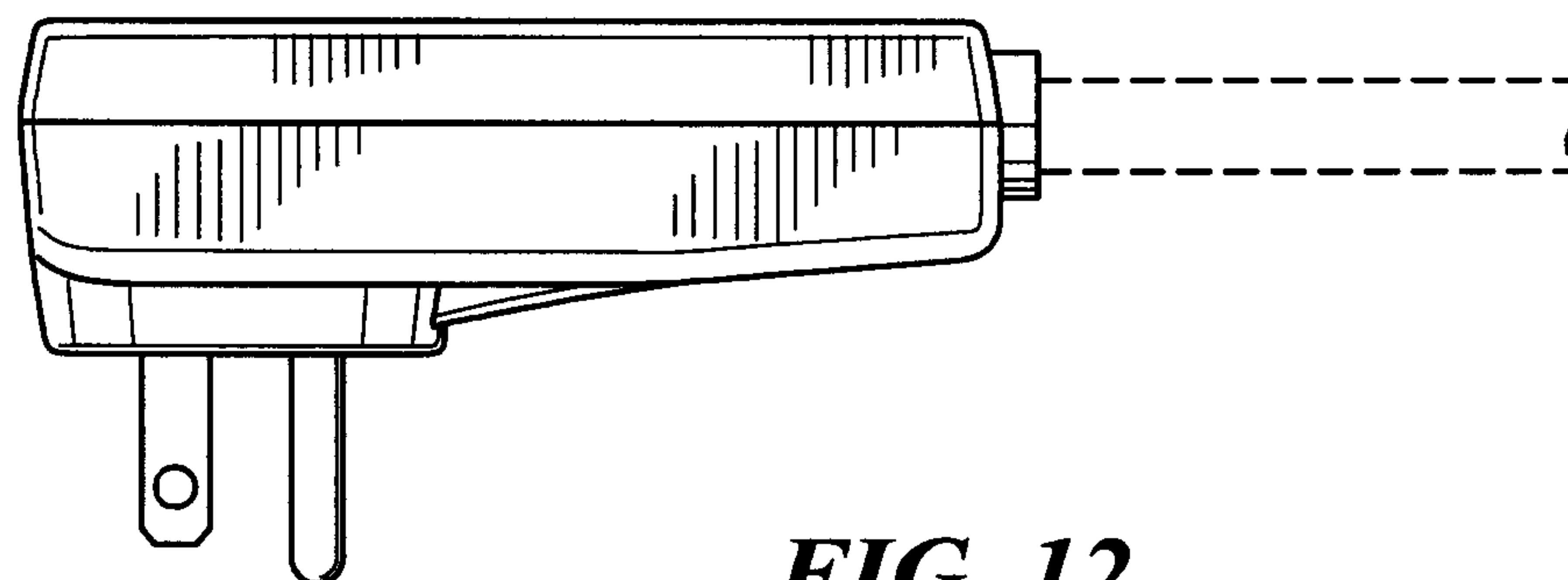


FIG. 12

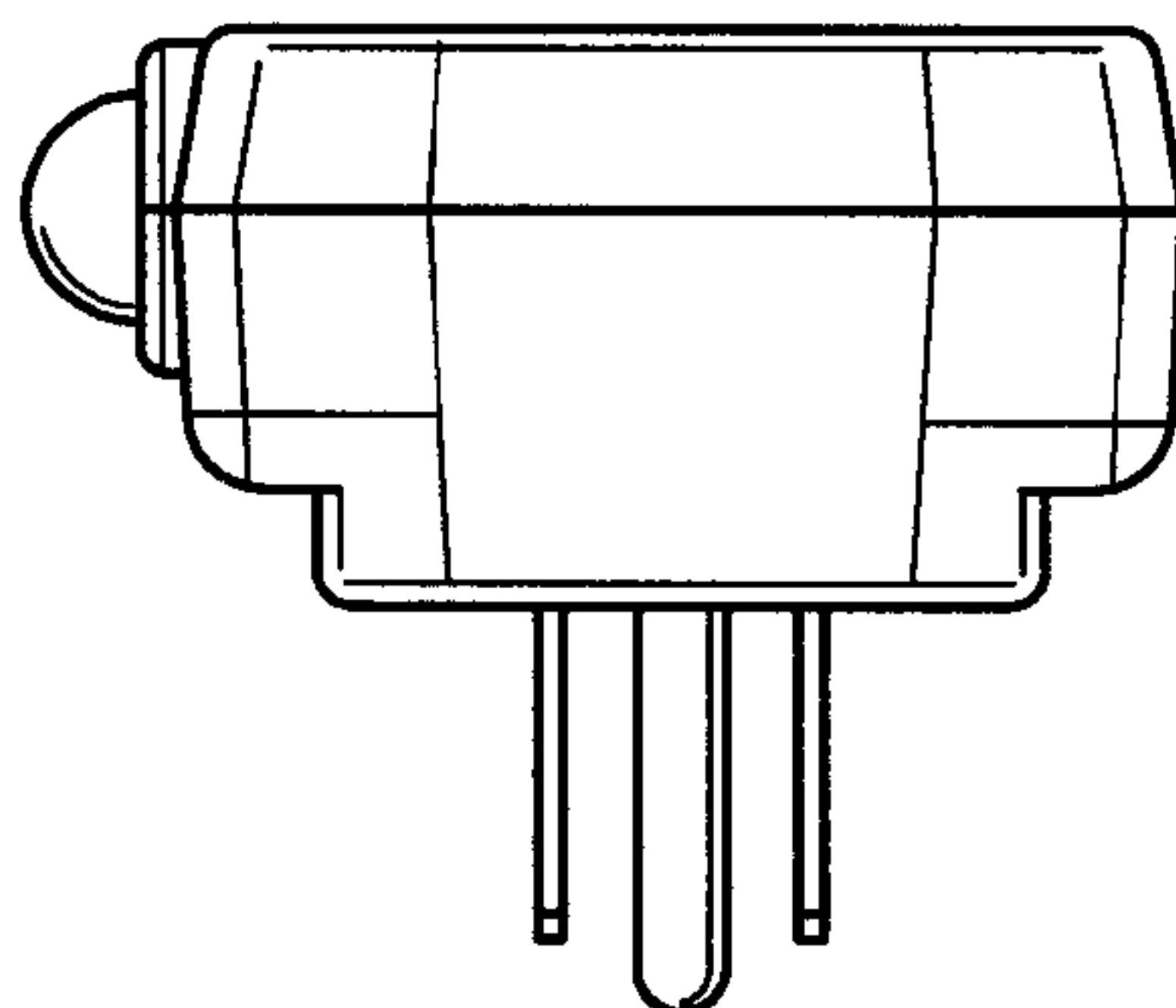


FIG. 13

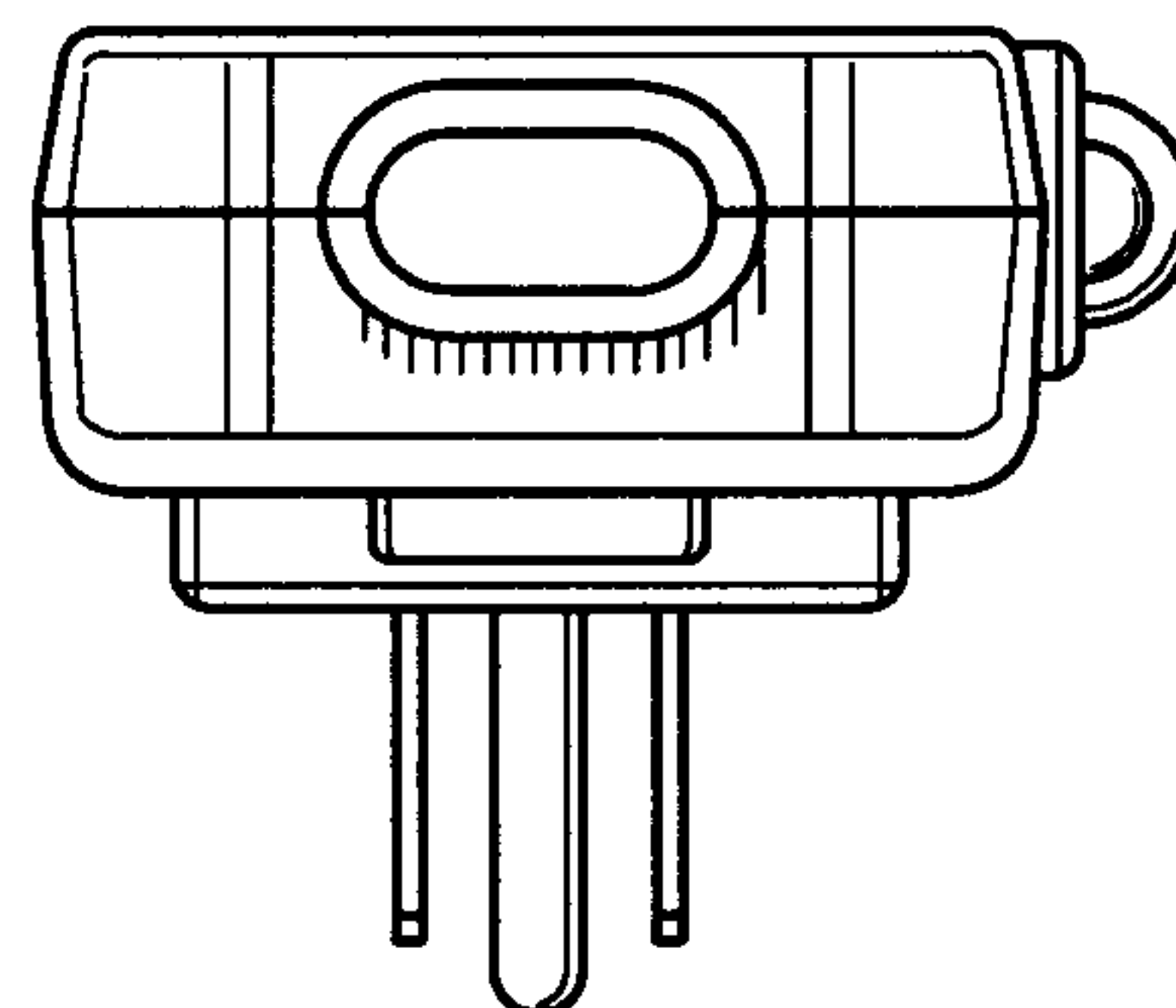


FIG. 14