

US00D545764S

(12) **United States Design Patent** (10) **Patent No.:** **US D545,764 S**
Allison (45) **Date of Patent:** **** Jul. 3, 2007**

(54) **UNIVERSAL ELECTRICAL PLUG AND SOCKET**

2003/0068909 A1* 4/2003 Su 439/131

* cited by examiner

(75) Inventor: **Brian Allison**, Vancouver, WA (US)

Primary Examiner—M. H. Tung

(73) Assignee: **IP Holdings, LLC**, Vancouver, WA (US)

Assistant Examiner—Rosemary K. Tarcza

(74) *Attorney, Agent, or Firm*—Robert J. Ireland

(**) Term: **14 Years**

(57) **CLAIM**

(21) Appl. No.: **29/209,893**

The ornamental design for an universal electrical plug and socket, as illustrated and described.

(22) Filed: **Jul. 22, 2004**

DESCRIPTION

(51) **LOC (8) Cl.** **13-03**

(52) **U.S. Cl.** **D13/137.1**

(58) **Field of Classification Search** D13/108,
D13/110, 137.1–137.4, 138.1, 138.2, 139.1,
D13/139.6–139.8, 133, 154; 439/105–106,
439/171–172, 140, 160, 164, 135–138, 446,
439/131, 606, 11, 13, 31, 650–654, 628, 476.1,
439/478, 480, 483, 484, 696, 692, 645–646;
337/197–198; 174/53–58

See application file for complete search history.

(56) **References Cited**

U.S. PATENT DOCUMENTS

3,025,486 A * 3/1962 Falconer 439/103
D322,954 S * 1/1992 Avramovich D13/133
D324,028 S * 2/1992 Sueyoshi et al. D13/133
D373,568 S * 9/1996 Bloom et al. D13/133
D375,081 S * 10/1996 Sandor et al. D13/139.1
5,603,638 A * 2/1997 Brown et al. 439/606
5,613,863 A * 3/1997 Klaus et al. 439/131
D380,732 S * 7/1997 Saunders D13/137.1
D399,822 S * 10/1998 Starec et al. D13/139.1
D404,008 S * 1/1999 Bennet D13/137.1
D406,260 S * 3/1999 Wardenburg D13/137.1
6,109,977 A * 8/2000 Baxter et al. 439/693
6,435,916 B1 * 8/2002 Amberg et al. 439/651
6,790,093 B2 * 9/2004 Tanaka et al. 439/651
D510,067 S * 9/2005 Miller D13/137.4
D511,748 S * 11/2005 Caine et al. D13/154
6,991,482 B1 * 1/2006 Liao 439/166
6,997,723 B2 * 2/2006 Lee 439/92

FIG. 1 is a perspective view of a combined electrical plug and according to the new and unique design;

FIG. 2 is an exploded perspective view thereof, with the plug and receptacle separated;

FIG. 3 is a top view of the receptacle alone, the bottom view being a mirror image of the top view of the receptacle;

FIG. 4 is a side view of the receptacle alone, the opposite side view being a mirror image of the side view of the receptacle;

FIG. 5 is a back view of the receptacle alone;

FIG. 6 is a front view of the receptacle alone;

FIG. 7 is a top view of the plug alone, the bottom plan view being a mirror image

FIG. 8 is a side elevation view of the plug alone, the opposite side elevation view being a mirror image;

FIG. 9 is a front end view of the plug alone; and,

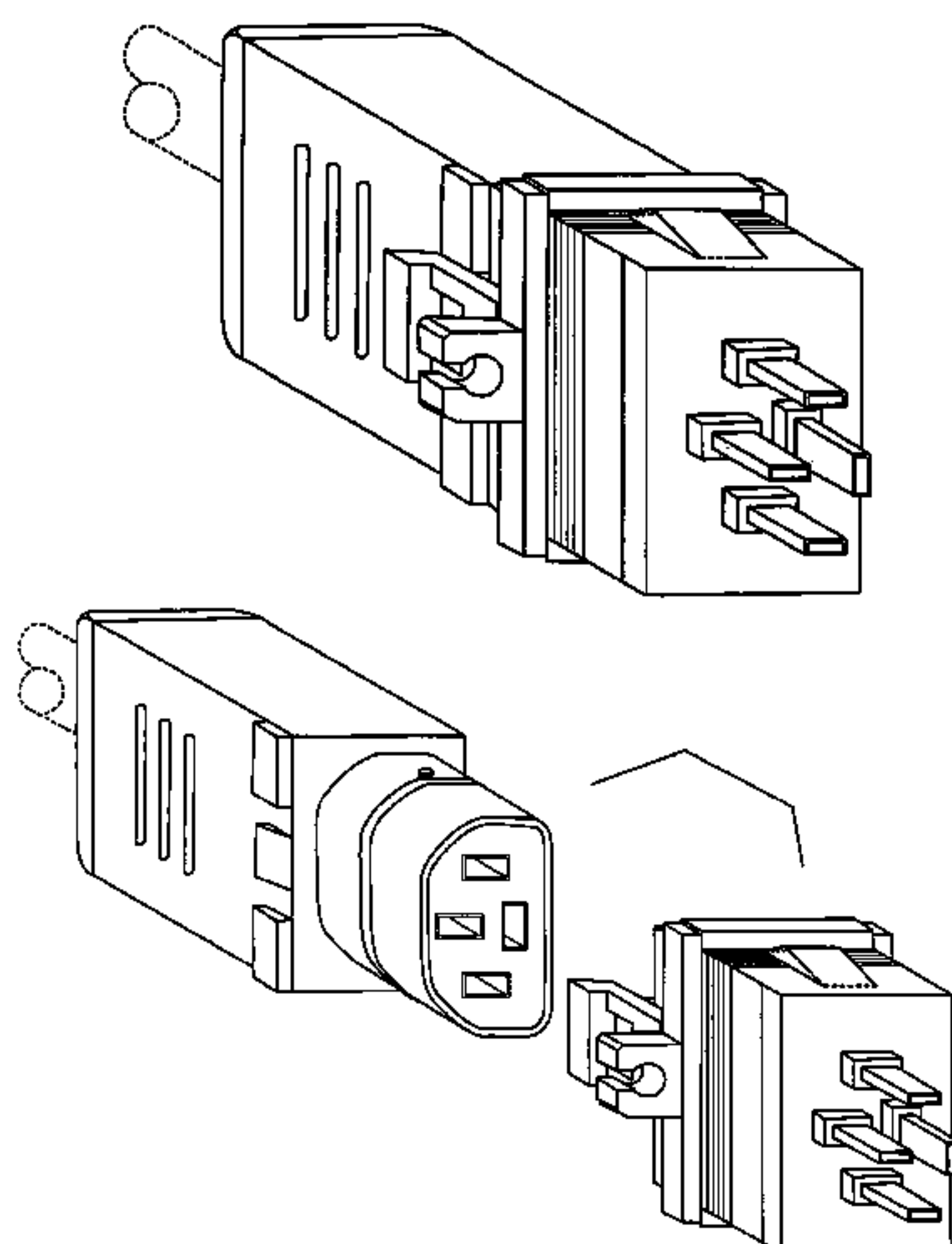
FIG. 10 is a back end view of the plug alone.

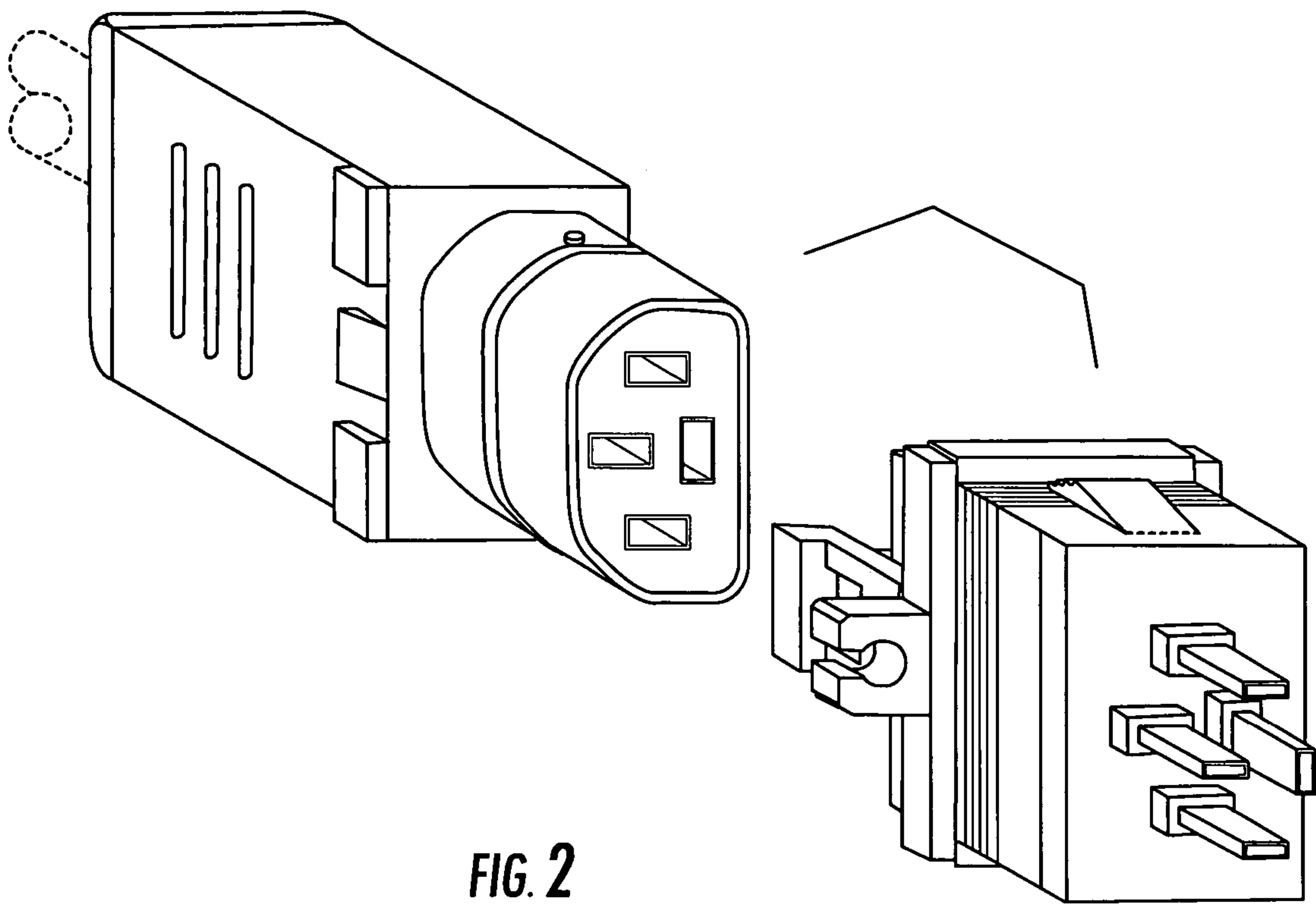
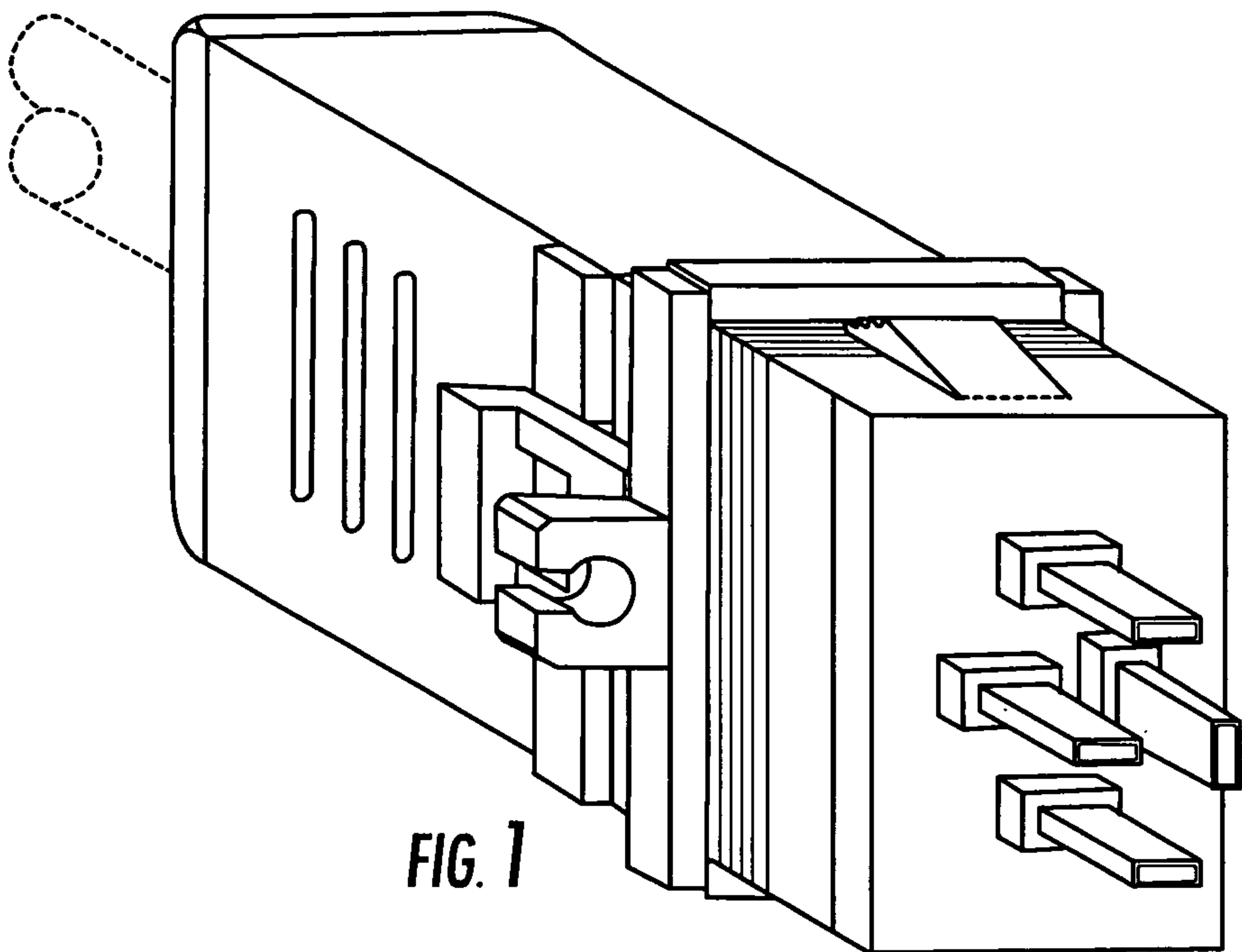
FIGS. 3–10 are shown in a reduced scale in the drawings.

The broken lines are shown for illustrative purposes only and form no part of the claimed design.

For the purposes of disclosure, the plug has been omitted in FIGS. 3–6 and the receptacle has been omitted in FIGS. 7–10, understanding that FIGS. 1–2 demonstrate the plug receptacle unit connected and separated.

1 Claim, 2 Drawing Sheets





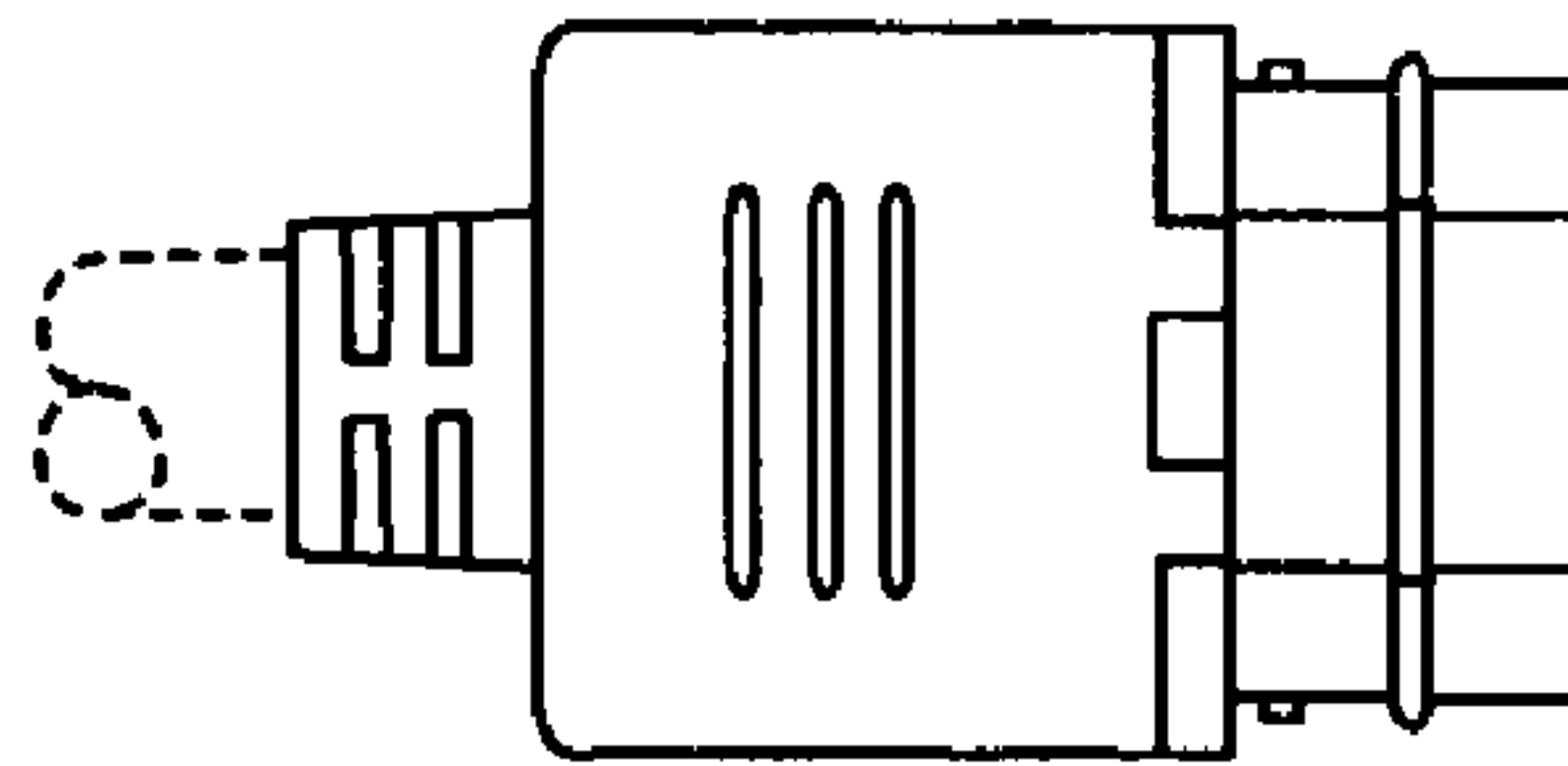


FIG. 3

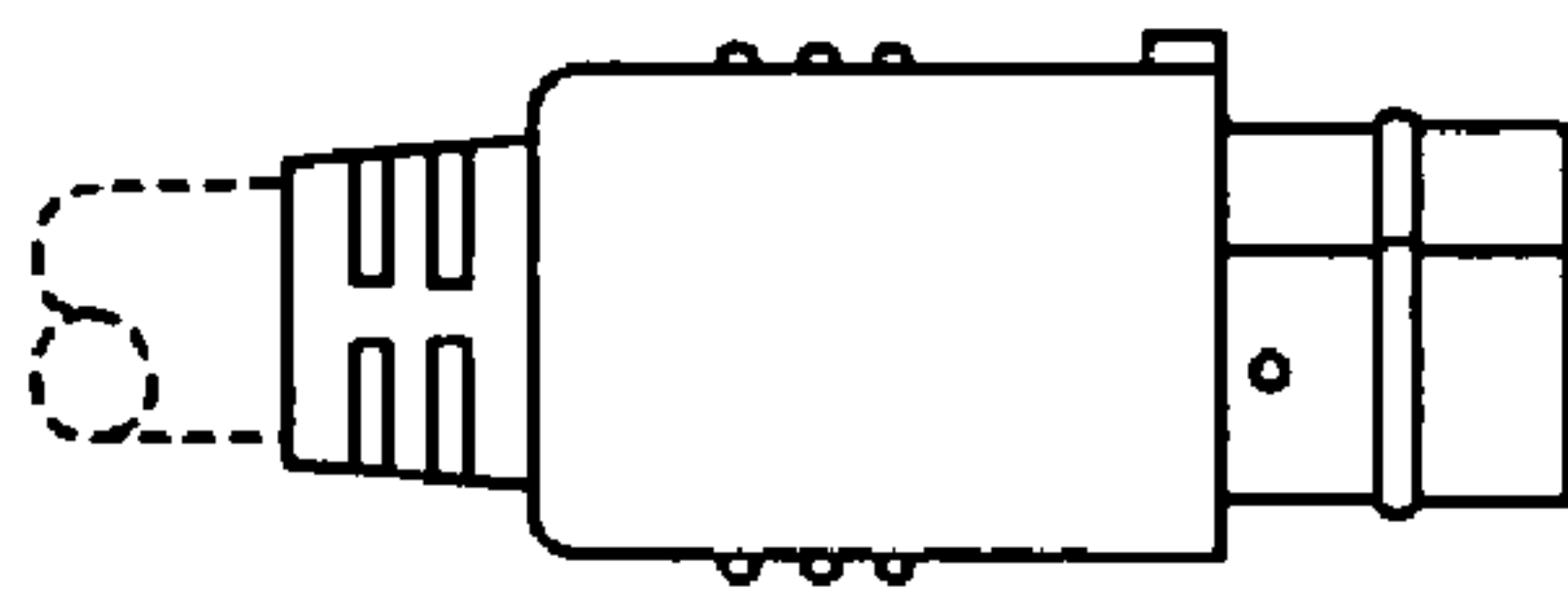


FIG. 4

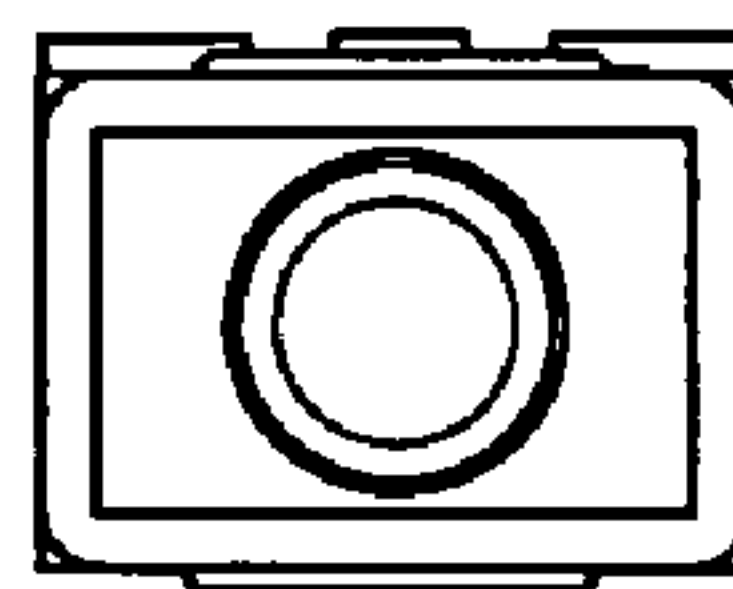


FIG. 5

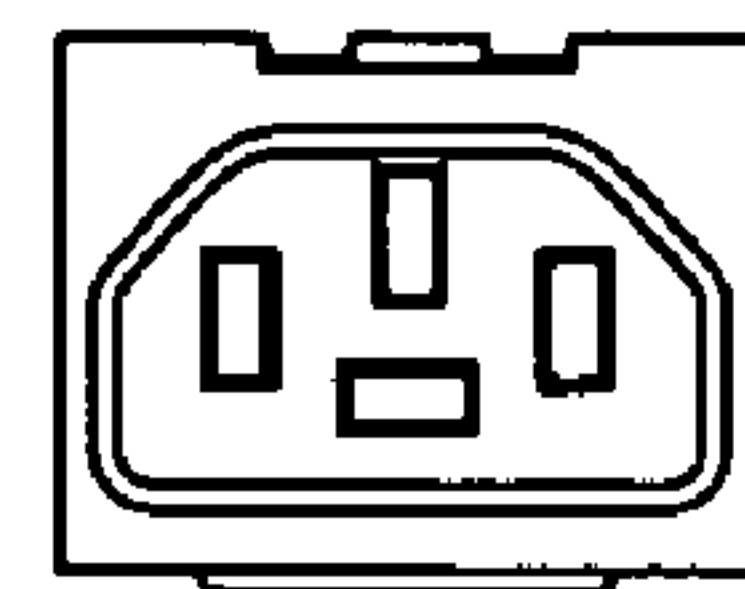


FIG. 6

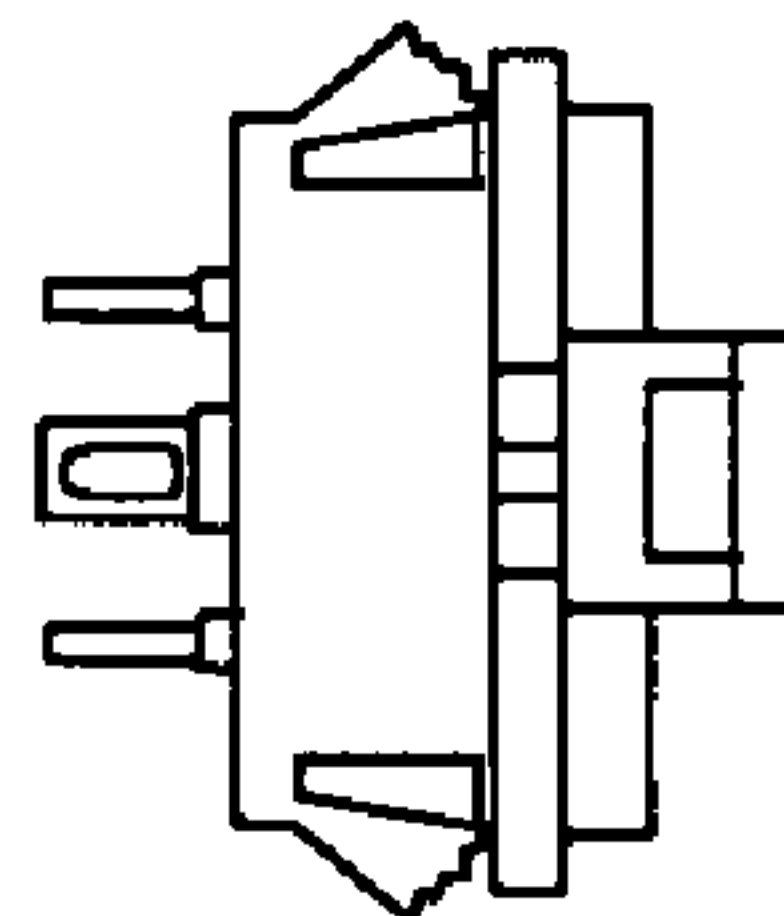


FIG. 7

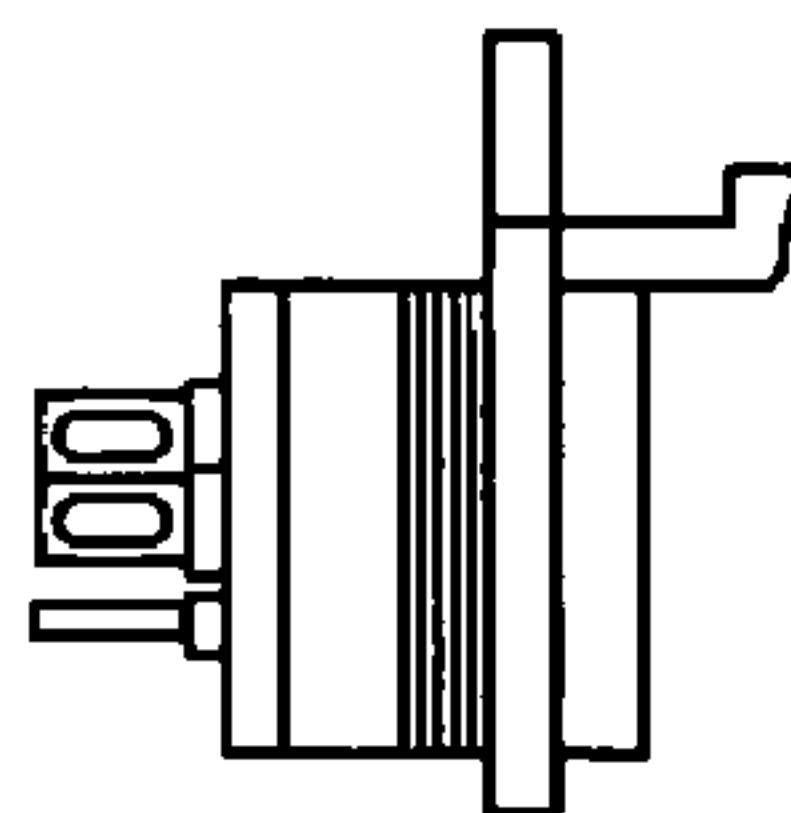


FIG. 8

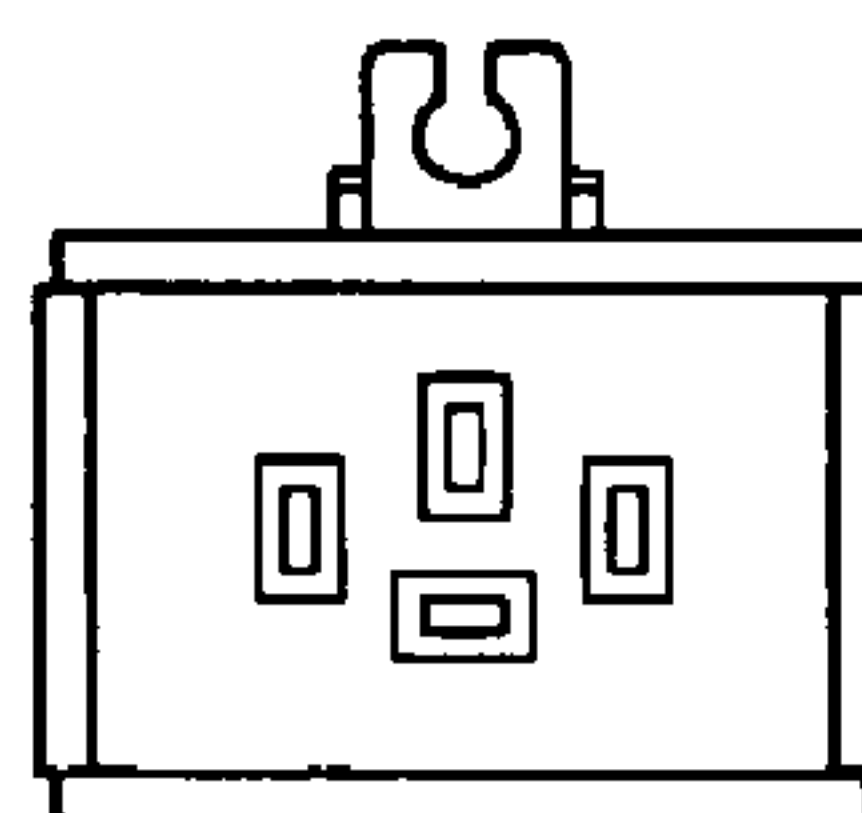


FIG. 9

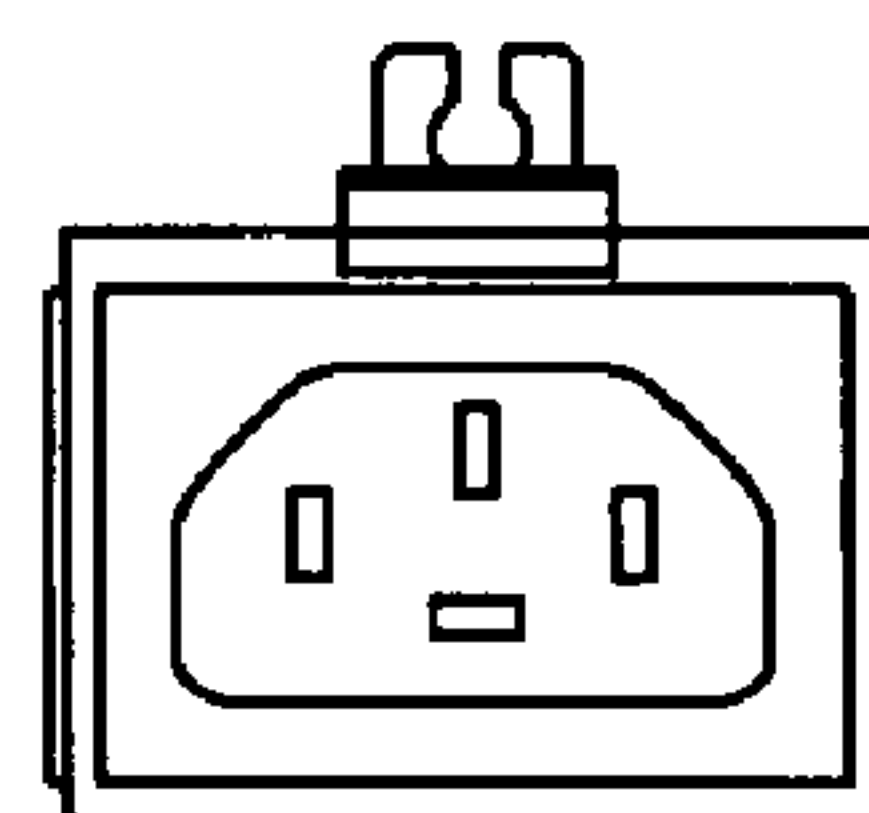


FIG. 10