

ABSTRACTJACK ASSEMBLY INCLUDING A CONTACT SWITCHING SYSTEM

A jack assembly (12) is provided with a contact switching system for receiving a coaxial plug (14). The assembly includes an insulative housing (18) having a terminal-receiving chamber (26) and an aperture (22a) communicating with the chamber for insertion therethrough of the coaxial plug. The housing includes a terminal pivot support (48a, 56a) in the chamber. A fixed terminal (46, 54) is mounted on the housing and includes a fixed contact portion (46b, 54b) located in the chamber. A movable terminal (50, 58) is mounted on the housing and includes a cantilevered spring contact arm (50d, 58d) projecting from the terminal pivot support for pivoting thereabout. The cantilevered spring contact arm includes a first contact portion (50c, 58e) for contacting the contact portion of the fixed terminal and a second contact portion (50f, 58g) for contacting the coaxial plug when inserted into the chamber. The spring contact arm is resiliently preloaded to bias the first contact portion against the contact portion of the fixed terminal. The spring contact arm is configured so that the first contact portion slides along and wipes over the contact portion of the fixed terminal when the coaxial plug is inserted into the chamber and in contact with the second contact portion of the movable terminal.

This Sheet Has Been Replaced

