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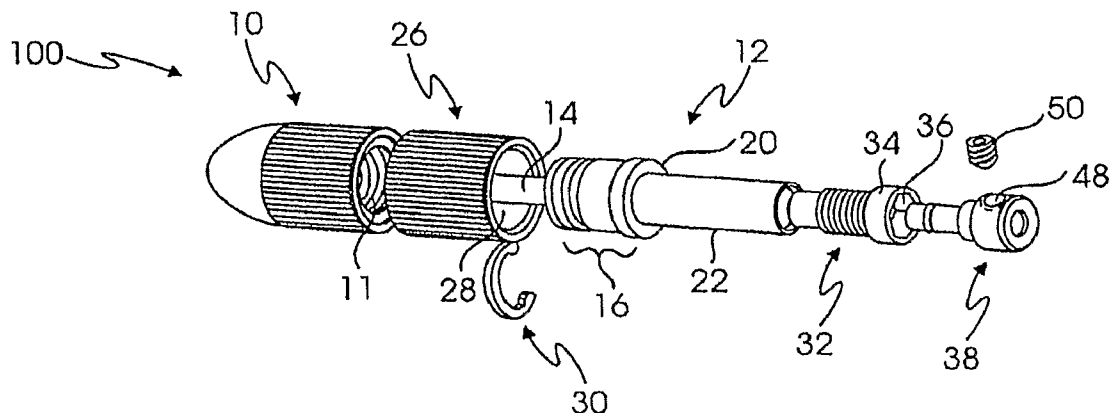
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(54) Title: COAXIAL CONNECTOR AND METHOD FOR CONNECTING CABLE TO SAME



(57) Abstract: A connector is provided for electrically connecting a coaxial cable having a conductive inner wire surrounded by a conductive outer jacket and an insulator therebetween to a two-wire circuit. The connector comprises a conductive bottom contact member having a first passageway dimensioned to fit only the inner wire and the insulator therethrough and to block the conductive outer jacket. A conductive top contact member has a second passageway for the inner wire and the insulator and a clamping member for securing the inner wire to the top contact member. An insulating member for electrically separates the bottom contact member from the top contact member. A pendant-style light fixture using the coaxial connector is also disclosed.

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INTERNATIONAL SEARCH REPORT

International application No.

PCT/US 07/00924

A. CLASSIFICATION OF SUBJECT MATTER

IPC(8): H01R 9/05 (2007.01)

USPC: 439/578

According to International Patent Classification (IPC) or to both national classification and IPC

B. FIELDS SEARCHED

Minimum documentation searched (classification system followed by classification symbols)
USPC: 439/578Documentation searched other than minimum documentation to the extent that such documents are included in the fields searched
USPC: 439/20, 63, 156, 391-395, 401, 406, 407, 427, 428, 453-455, 460-462, 578, 593, 620.02, 620.03, 805; 29/854-858, 861-868, 874, 876; and search terms listed below.

Electronic data base consulted during the international search (name of data base and, where practicable, search terms used)

PubWest (PGPB,USPT,USOC,EPAB,JPAB); Google Scholar

Search Terms: connector, coaxial cable, jacket, wire, (insulator or insulating or insulative or insulation), (clamping or clamp or set screw)

C. DOCUMENTS CONSIDERED TO BE RELEVANT

Category*	Citation of document, with indication, where appropriate, of the relevant passages	Relevant to claim No.
Y	US 4,135,776 A (AILAWADHI et al.) 23 January 1979 (23.01.1979), entire document, especially FIG. 1, 2, col 3, lines 28-30	1-25
Y	US 4,076,367 A (AVINS) 28 February 1978 (28.02.1978), entire document, especially FIG. 1	1-25
Y	US 4,813,887 A (CAPP) 21 March 1989 (21.03.1989), FIG. 2A, element 38	7 and 19
Y	US 6,183,297 B1 (KAY et al.) 06 February 2001 (06.02.2001), col. 2, lines 49-54; col. 5, lines 16-48, and Figs. 9 and 10	8, 12, 21, and 23-25

☐ Further documents are listed in the continuation of Box C.

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