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(54) Title: RIGHT ANGLED COAXIAL ELECTRICAL CONNECTOR AND METHODS FOR VERIFYING PROPER ASSEMBLY THEREOF

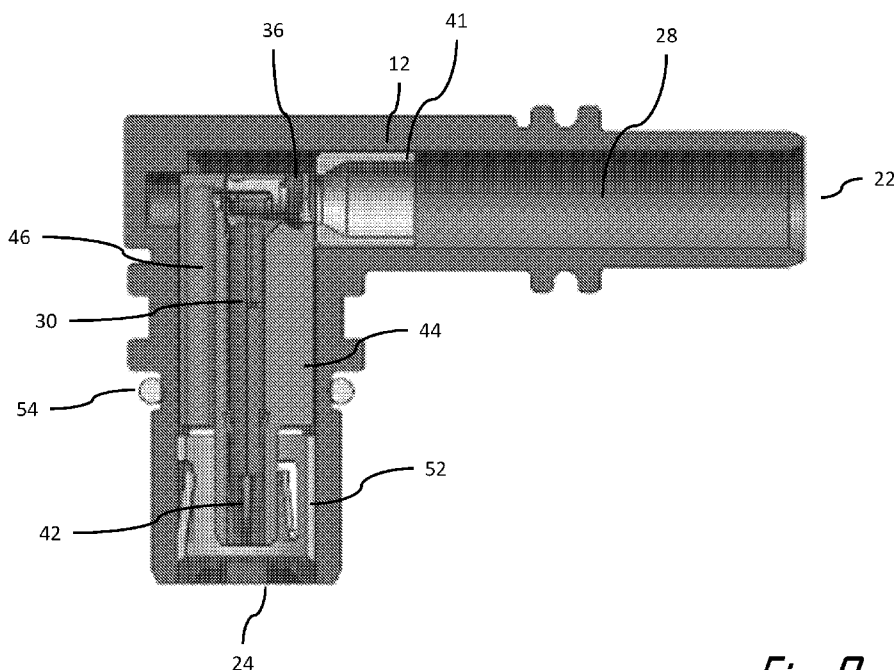


Fig 3

(57) Abstract: A right angled coaxial electrical connector (12) is provided and includes a housing (16) having a first and second opening (22, 24) and a first terminal (38) disposed within the internal cavity (28) that is configured to be connected to a center conductor (32) of a coaxial cable (14) inserted in the first opening (22). The connector (12) also includes a center contact (30) disposed within the internal cavity (28), accessible through the second opening (24), and defining a corresponding second terminal (36) configured to receive a tip of the first terminal (38). The connector (12) additionally includes a conductive shield (52) surrounding the center contact (30) and disposed within the internal cavity (28) and an insulator (44) intermediate the shield (52) and the center contact (30). The insulator (44) defines a portal (46) extending from the second opening (24) to the location of the tip of the first terminal (38) when fully seated within the second terminal (36). Methods (100, 200) of verifying proper assembly of the right angled coaxial electrical connector (12)

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