

ABSTRACT OF THE DISCLOSURE

SHIELDED ELECTRICAL CONNECTOR
WITH GROUND CONTACT SPRING

5 A shielded electrical connector is provided with features that enable
miniaturization. The connector includes a shield having a ground spring for
deflectably engaging a mated plug that is matably inserted with the connector. The
ground spring has at least one elbow so that the ground spring has a longer effective
length. For example, the ground spring may extend over more than one panel of the
shield or have at least one generally angular or L-shaped segments. Also, a connector
10 cable assembly is provided having a first plug connector and a second plug connector
mounted at opposite ends of a cable. To ensure that a user can insert the respective
plug connectors only into the respectively corresponding receptacle connectors, each
of the plug connectors has a shield with a keying projection. The first and second
plug connectors may be substantially identical, except that the keying projections of
15 the first and second connectors are on respectively opposite sides.

This Sheet Has Been Replaced

