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(54) Title: MODULAR INSERT AND JACK INCLUDING MOVEABLE REACTANCE SECTION

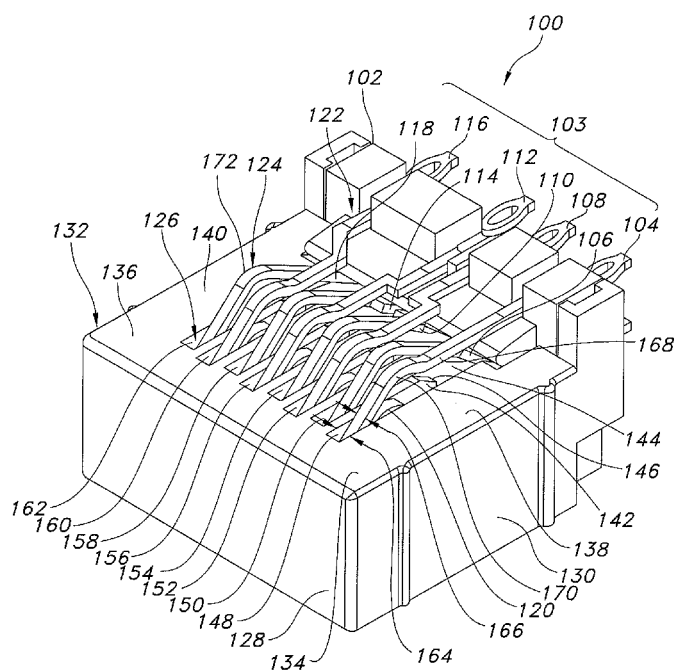


FIG. 1

(57) Abstract: An insert device for use in a communication jack includes a housing, and plug interface contacts mounted with respect to the housing. At least one plug interface contact includes a first length extending along a first axial path and defining a first reaction surface that includes a first electrically conductive surface. The insert device includes a reactance unit having a reactance circuit operable to reduce or compensate for an electrical noise associated with signals conducted by the plug interface contacts, and a plurality of interconnection elements. At least one interconnection element defines a second reaction surface that includes a second electrically conductive surface. The insert device moves the reactance circuit relative to the plug interface contact by sliding the second reaction surface across the first reaction surface, and presses the second electrically conductive surface against the first electrically conductive surface.



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