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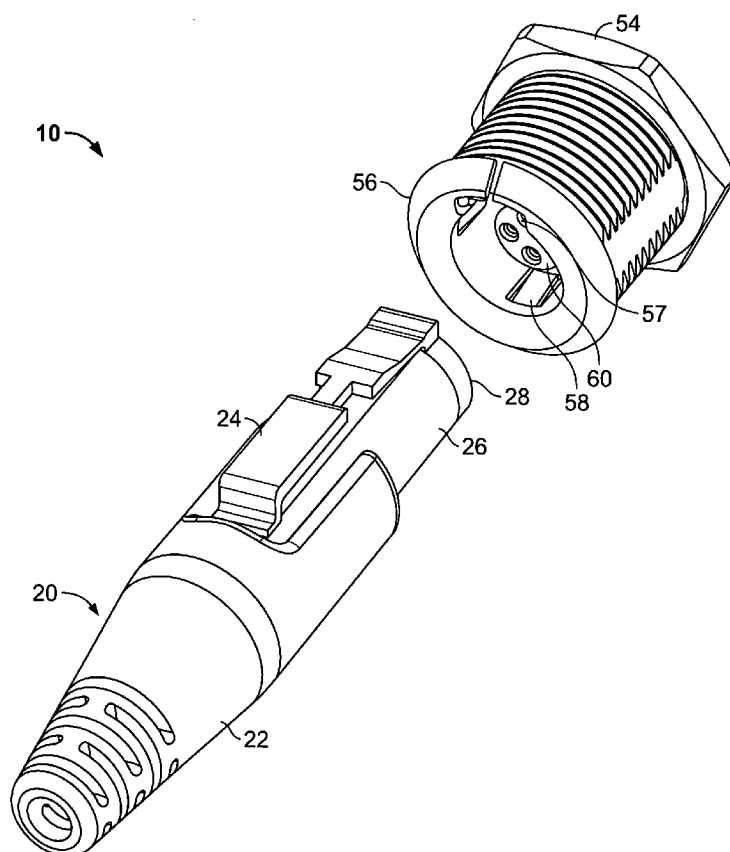
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(54) Title: MINIATURE CIRCULAR CONNECTOR SYSTEM



(57) **Abstract:** A generally circular plug and receptacle connector system for use with electronic systems and devices is provided. This system includes: a plug component and a receptacle component. The plug component further includes: a housing having an internal channel formed therein for receiving a length of stripped wire; a shielded conduit attached to the housing, wherein the shielded conduit further includes a chamber formed therein; a plug body disposed within the shielded chamber; and a plurality of conductive pins disposed within the plug body, wherein the conductive pins are adapted on one end to be coupled with the length of stripped wire. The receptacle component further includes: a housing having a shielded chamber formed therein; a flanged member disposed within the housing for connecting to the plug component; a receptacle body disposed within the shielded chamber; and a plurality of conductive sockets disposed within the receptacle body, wherein the conductive sockets of the receptacle component are adapted to mate with the conductive pins of the plug component.

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