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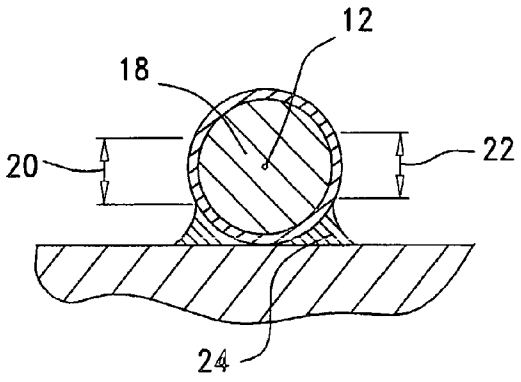
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(54) Title: FLEXIBLE RING INTERCONNECTION SYSTEM



(57) Abstract: Multiple small conductive and flexible hollow rings (10), each of which is made from a pliable material, provide a flexible connection medium for use between a substrate (8) and a microelectronic device package (4). Each ring is soldered to both the substrate and the device. A portion (20, 22) of the sidewall of each ring is not soldered thus insuring that at least part of the ring stays flexible. The rings accommodate elevation differences on a substrate and electronic device package. They also provide a vibration resistant and flexible joint.

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