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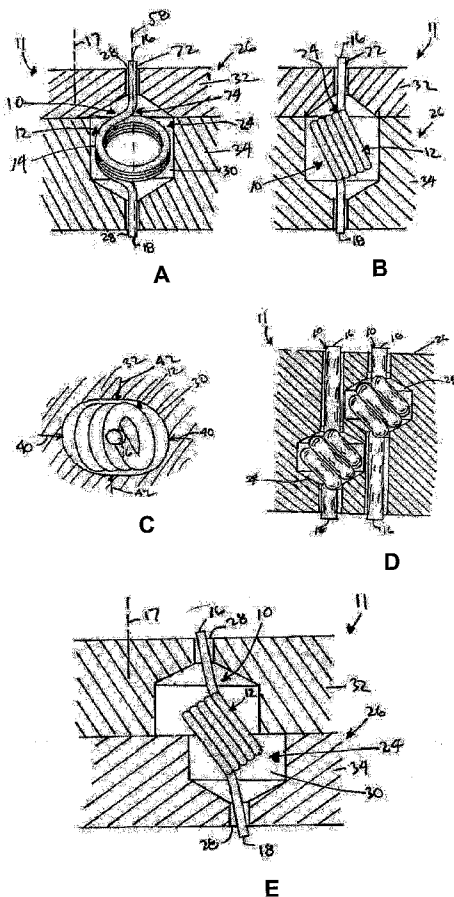
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(54) Title: COMPLIANT ELECTRICAL CONTACT ASSEMBLY



(57) Abstract: A compliant electrical contact assembly (11) for temporarily interfacing two electrical devices. The assembly (11) includes a contact (10) having loops (14) with axes forming with a closed coil with opposed contact points (16, 18). The axes is angled from the direction (17) of the compression force (15) holding the assembly (11) sandwiched between the electrical devices. The electrically shorted loops (14) of the coil slide on the surfaces of one another as the compression force (15) is applied, providing compliance. The contact (16, 18) can be made extremely small such that pitches in the micrometer range can be achieved with very low inductance values. The contact (10) is installed in a through aperture (24) in a dielectric panel (26) such that the contact points (16, 18) extend from opposed openings of the aperture (24). Optionally, the aperture (24) is filled with a compliant, conductive elastomer (36).



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