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(54) **Title**: LEAD CONNECTOR WITH A PREMANUFACTURED DISTAL END AND METHOD OF MANUFACTURE

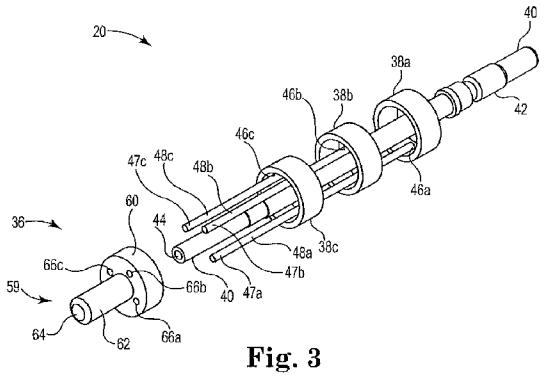

Fig. 3

(57) **Abstract**: A method of manufacturing a lead connector for an implantable medical device including connecting proximal ends of a plurality of conductive wires to an inner surface of a corresponding ring contact, placing a distal frame over distal ends of each of conducive wire of the plurality of conductive wires, the distal ends passing through corresponding shafts in the distal frame from a rear face of the distal frame and extending beyond a front face of the distal frame, arranging the distal frame along with the conductive wires and corresponding ring contacts within a mold cavity, filling the mold cavity with a mold material, the mold material abutting the rear face of the distal frame, and removing a resulting lead connector from the mold cavity.

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