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(54) **IMPLANTABLE LEAD WITH ISOLATED CONTACT COUPLING**

(57) **ABSTRACT**

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An implantable lead for a medical device with an isolated contact connection for connecting a conductor to a contact reduces the opportunity for conductor material to migrate to a contact or into a patient. The implantable lead comprises a lead body having a proximal end and a distal end, at least one conductor, at least one contact carried on the proximal end, at least one contact carried on the distal end, at least one coupling. The lead has an exterior surface. The conductor is contained in the lead body and extends from the lead proximal end to the distal end. The conductor is electrically insulated. The contact carried on the proximal end is electrically connected to the conductor. The coupling has a conductor coupling and a contact coupling. The conductor coupling is placed over the conductor and attached to the conductor. The contact coupling exits the lead body and has a weld to connect the contact coupling to the contact. There is an isolation space created between the conductor and the contact to prevent the weld from containing conductor material.

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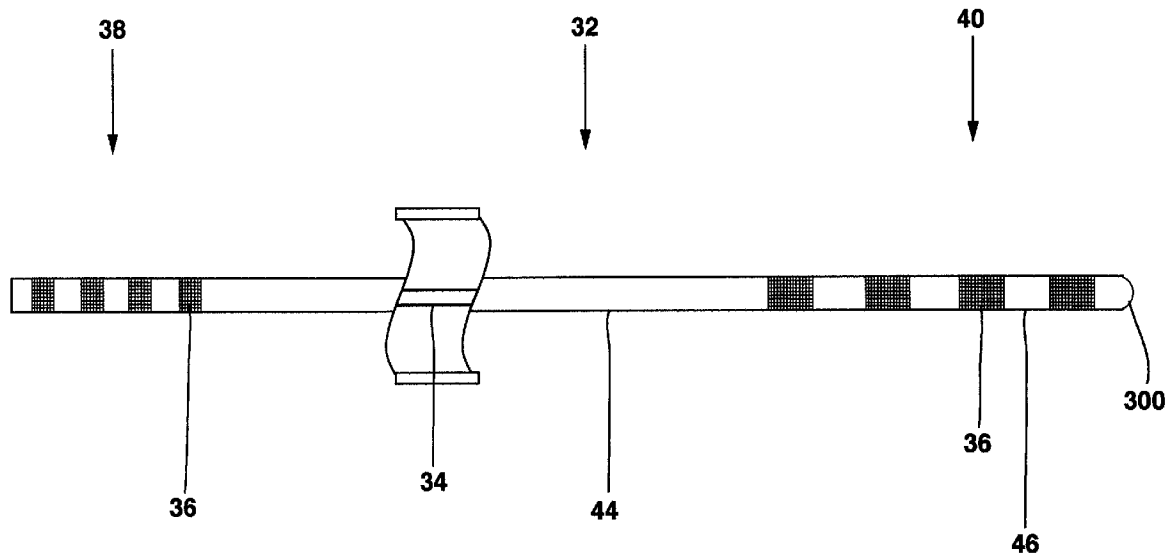
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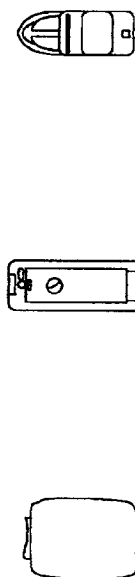
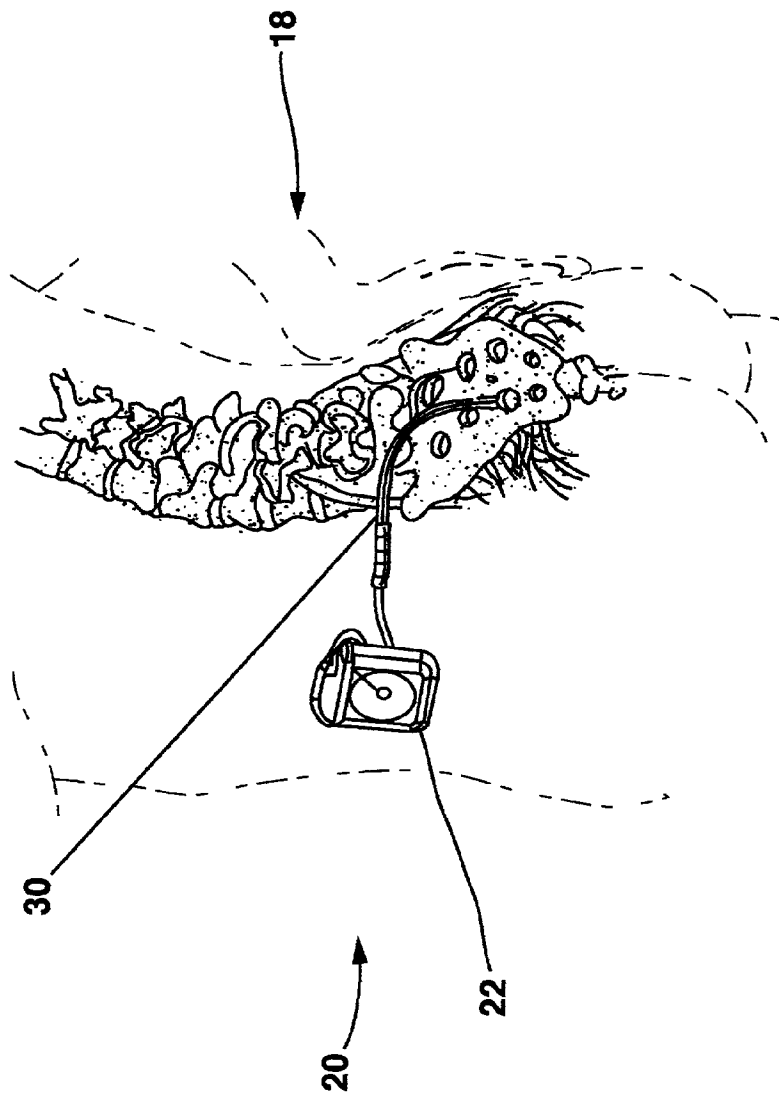


FIG. 1

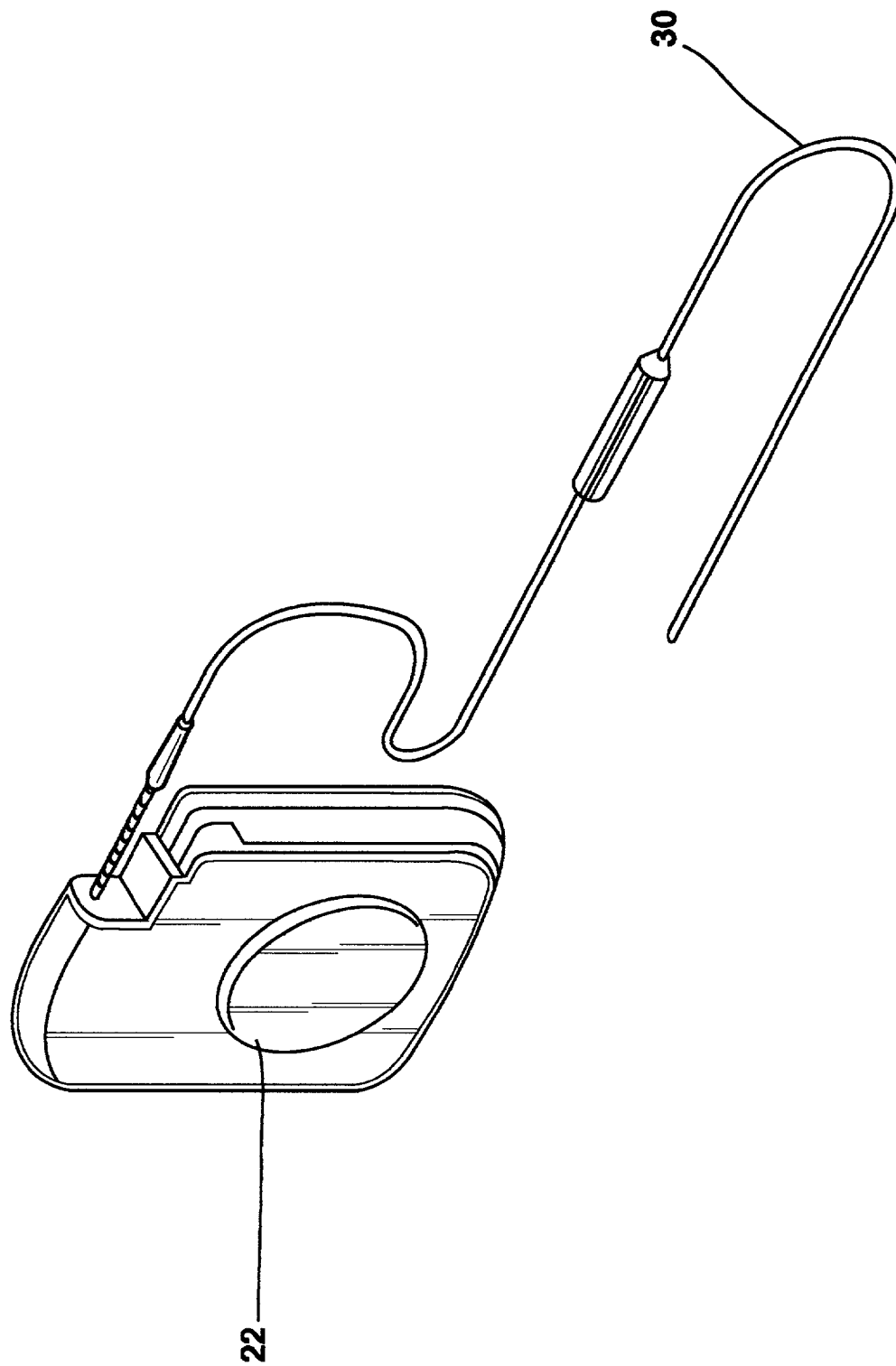


FIG. 2

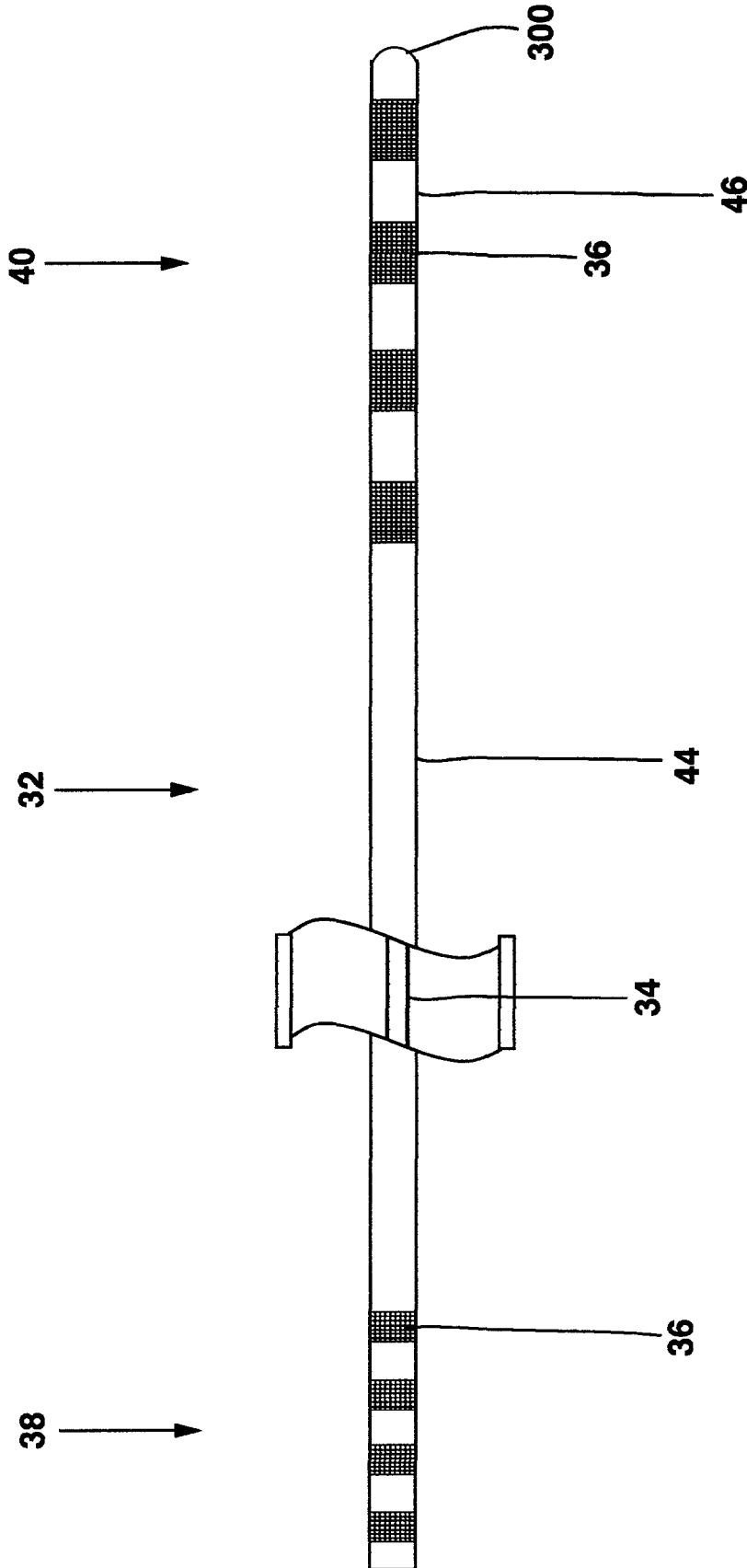
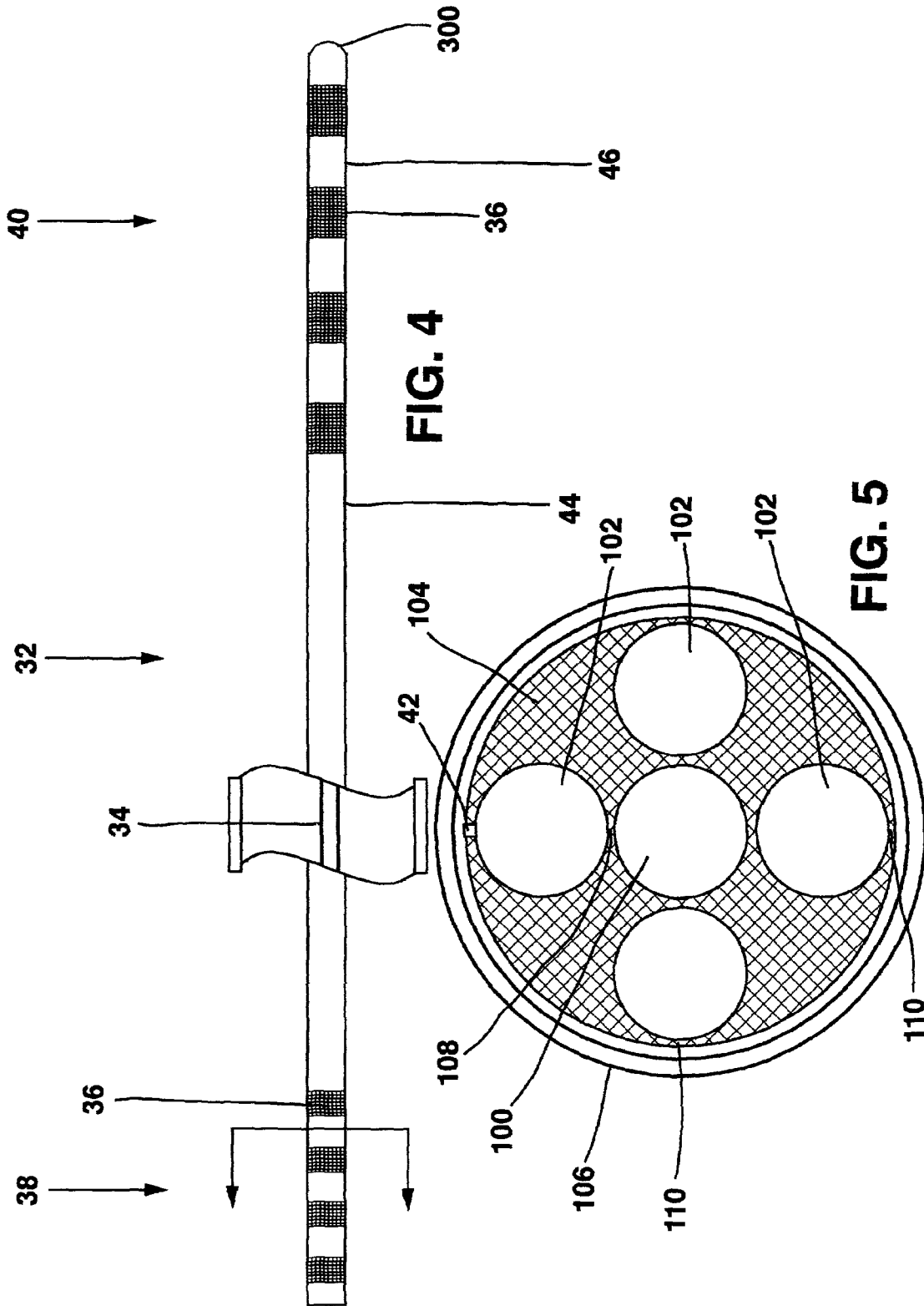


FIG. 3



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