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McCabe et al.

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(54) **IMPLANT CONDUCTOR ASSEMBLY WITH IMPROVED RADIO FREQUENCY PROPERTIES**

(52) **U.S. Cl.**
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(58) **Field of Classification Search**
USPC 607/116
See application file for complete search history.

(72) Inventors: **Steven Owen McCabe**, Porirua (NZ);
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(56) **References Cited**

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(57) **ABSTRACT**

In one aspect the invention provides an implant conductor lead assembly which includes an electrode lead, and at least one field target conductor. The field target conductor(s) is located adjacent to the electrode lead to mutually couple the field target conductor to the electrode lead. The electrode lead acts to concentrate electromagnetic fields in the vicinity of the implant conductor assembly towards the field target conductor or conductors.

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21 Claims, 9 Drawing Sheets