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Eidenschink et al.

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(54) **PACEMAKER INTEGRATED WITH VASCULAR INTERVENTION CATHETER**

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(58) **Field of Classification Search**

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See application file for complete search history.

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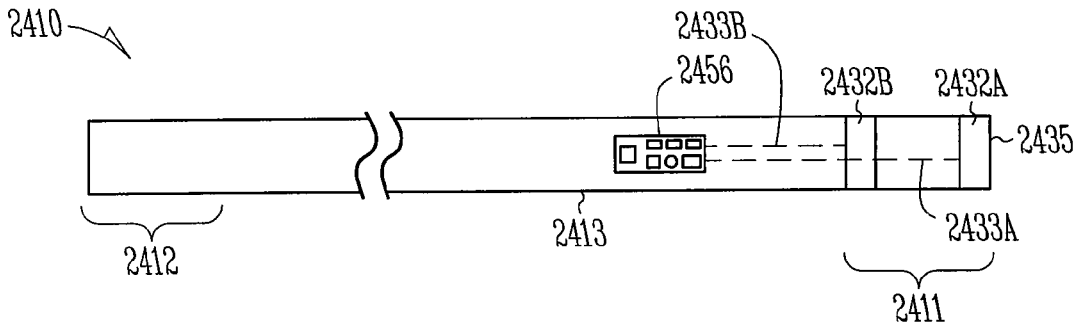
(57) **ABSTRACT**

Cardioprotective pacing is applied to prevent and/or reduce cardiac injury associated with myocardial infarction (MI) and revascularization procedure. Pacing pulses are generated from a flexible pacemaker circuit integrated with a percutaneous transluminal vascular intervention (PTVI) device and delivered through pacing electrodes incorporated onto the PTVI device during the revascularization procedure.

21 Claims, 15 Drawing Sheets