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Walker et al.

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(54) **LINKED AREA PARAMETER ADJUSTMENT FOR SPINAL CORD STIMULATION AND ASSOCIATED SYSTEMS AND METHODS**

(56) **References Cited**

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(21) Appl. No.: **14/617,745**

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Related U.S. Application Data

(63) Continuation of application No. 14/226,644, filed on Mar. 26, 2014, now Pat. No. 9,002,461, which is a continuation of application No. 13/914,494, filed on Jun. 10, 2013, now Pat. No. 8,712,535, which is a continuation of application No. 12/510,930, filed on Jul. 28, 2009, now Pat. No. 8,498,710.

(57) **ABSTRACT**

Systems and methods for managing pain in a patient using an electrical waveform that link the modulation of a waveform parameter for different areas of a patient. One embodiment in a system for managing pain in a patient comprises an electric device configured to be implanted into the patient and including a plurality of electrodes having at least a first electrode associated with a first area of the patient and a second electrode associated with a second area of the patient. The system further includes an implantable device configured to be coupled to the electrode device and having a computer-operable medium programmed to change the waveform parameter applied to the first electrode and automatically set the waveform parameter applied to the second electrode based on a relationship between a first therapy range and a second therapy range of the waveform parameter.

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A61N 1/36 (2006.01)
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(52) **U.S. Cl.**

CPC **A61N 1/36071** (2013.01); **A61N 1/0551** (2013.01)

(58) **Field of Classification Search**

USPC 607/2, 46, 116
See application file for complete search history.

34 Claims, 19 Drawing Sheets

