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PATENT ASSIGNMENT

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| SUBMISSION TYPE: | NEW ASSIGNMENT |
|-----------------------|----------------|
| NATURE OF CONVEYANCE: | ASSIGNMENT |

CONVEYING PARTY DATA

| Name | Execution Date |
|------------------------|----------------|
| Dennis Allen Vansickle | 05/15/2012 |

RECEIVING PARTY DATA

| Name: | BOSTON SCIENTIFIC NEUROMODULATION CORPORATION | |
|-----------------|---|--|
| Street Address: | 25155 Rye Canyon Loop | |
| City: | Valencia | |
| State/Country: | CALIFORNIA | |
| Postal Code: | 91355 | |

PROPERTY NUMBERS Total: 1

| Property Type | Number |
|---------------------|----------|
| Application Number: | 13474237 |

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ATTORNEY DOCKET NUMBER: 11-00028US01

NAME OF SUBMITTER: Michael J. Bolan

Total Attachments: 2

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PATENT REEL: 028228 FRAME: 0268 OF \$40.00 154/425/

ASSIGNMENT OF PATENT APPLICATION

WHEREAS, I, Dennis Allen Vansickle, a citizen of The United States of America (hereinafter referred to as "ASSIGNOR"), have invented a certain invention entitled SYSTEM AND METHOD FOR PROGRAMMING NEUROSTIMULATION DEVICES USING CACHED PLUG-IN SOFTWARE DRIVERS (Attorney Docket No. 11-00028US01) for which a United States Patent Application is being filed. This Application also claims priority to U.S. Provisional Patent Application Number 61/488,726 filed with the U.S. Patent and Trademark Office on May 21, 2011; and

WHEREAS, BOSTON SCIENTIFIC NEUROMODULATION CORPORATION, a corporation organized and existing under and by virtue of the laws of the state of Delaware and having its principal place of business at 25155 Rye Canyon Loop, Valencia, CA 91355 (hereinafter referred to as "ASSIGNEE"), is desirous of acquiring the exclusive right, title and interest in, to and under said invention and in, to and under any Patent or similar legal protection to be obtained therefor in the United States of America, its territorial possessions and in any and all countries foreign thereto.

NOW, THEREFORE, for good and valuable consideration, the receipt of which is hereby acknowledged, ASSIGNOR hereby sells, assigns, transfers and sets over unto the said ASSIGNEE, its successors and assign, the full and exclusive right, title and interest to said invention and to all Letters Patent and applications therefore, or similar legal protection, not only in the United States and its territorial possessions, but in all countries foreign thereto to be obtained for said invention by said application, and to any continuation, division, renewal, substitute or reissue thereof or any legal equivalent thereof in the United States or a foreign country for the full term or terms for which the same may be granted, including all priority rights under the International Convention; and

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Docket No. 11-00028US01

ASSIGNOR hereby authorizes and requests the United States Commissioner of Patents and

Trademarks, and any officials of foreign countries whose duty it is to issue patents or any legal

equivalent thereof, to issue said patents to ASSIGNEE, its successors and assigns, in accordance

with this Assignment.

ASSIGNOR hereby covenants that no assignment, sale, agreement or encumbrance has

been or will be made or entered into which would conflict with this Agreement;

ASSIGNOR further covenants that ASSIGNEE will, upon its request, be provided promptly

with all pertinent facts and documents relating to said application, said invention and said Letters

Patent and legal equivalents as may be known and accessible to ASSIGNOR and will testify as to

the same in any interference or litigation related thereto and will promptly execute and deliver to

ASSIGNEE or its legal representative any and all papers, instruments or affidavits required to

apply for, obtain, maintain, issue and enforce said application, said invention and said Letters

Patent and said equivalents in the United States or in any foreign country, which may be necessary

or desirable to carry out the purposes thereof.

15 May 2012 Date

Dennis Allen Vansickle

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