

**PATENT ASSIGNMENT**

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SUBMISSION TYPE:	NEW ASSIGNMENT
NATURE OF CONVEYANCE:	ASSIGNMENT
<b>CONVEYING PARTY DATA</b>	
<b>Name</b>	<b>Execution Date</b>
Courtney Lane	08/25/2009
Rafael Carbunaru	08/18/2009
Kerry Bradley	08/18/2009
David K.L. Peterson	08/19/2009
Andrew DiGiore	08/25/2009
Michael Moffitt	08/26/2009
<b>RECEIVING PARTY DATA</b>	
<b>Name:</b>	BOSTON SCIENTIFIC NEUROMODULATION CORPORATION
<b>Street Address:</b>	25155 Rye Canyon Loop
<b>City:</b>	Valencia
<b>State/Country:</b>	CALIFORNIA
<b>Postal Code:</b>	91355
<b>PROPERTY NUMBERS Total: 1</b>	
<b>Property Type</b>	<b>Number</b>
<b>Application Number:</b>	12550213
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<b>ATTORNEY DOCKET NUMBER:</b>	BSC/NMOD 09-00133-01
<b>NAME OF SUBMITTER:</b>	Michael J. Bolan

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Total Attachments: 2

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ASSIGNMENT OF PATENT APPLICATION

WHEREAS, We, Courtney Lane, Kerry Bradley, David K.L. Peterson, Andrew DiGiore, Michael Moffit, citizens of United States of America and Rafael Carburaru, a citizen of Venezuela, (hereinafter referred to as "ASSIGNORS"), have invented a certain invention entitled **METHODS TO AVOID FREQUENCY LOCKING IN A MULTI-CHANNEL NEUROSTIMULATION SYSTEM USING PULSE SHIFTING** for which Utility Application for Letters Patent of the United States of America is being filed, 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, ASSIGNORS hereby sell, assign, transfer and set over unto the said ASSIGNEE, its successors and assigns, the full and exclusive right, title and interest to said invention and to all Letters Patent or application 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 ASSIGNORS hereby authorize and request 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.

ASSIGNORS hereby covenant that no assignment, sale, agreement or encumbrance has been or will be made or entered into which would conflict with this Agreement;

ASSIGNORS further covenant 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 ASSIGNORS 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.

25 Aug 2009  
Date

Courtney Lane  
Courtney Lane

18 Aug 2009  
Date

Rafael Carbinara  
Rafael Carbinara

18 Aug 2009  
Date

Kerry Bradley  
Kerry Bradley

19 Aug 2009  
Date

David K.L. Peterson  
David K.L. Peterson

25 Aug 2009  
Date

Andrew DiGiore  
Andrew DiGiore

26 Aug 2009  
Date

Michael Moffitt  
Michael Moffitt