

## PATENT ASSIGNMENT

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SUBMISSION TYPE:	NEW ASSIGNMENT
NATURE OF CONVEYANCE:	ASSIGNMENT
CONVEYING PARTY DATA	
Name	Execution Date
Emarit Ranu	03/27/2012
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:	13776211
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ATTORNEY DOCKET NUMBER:	585-0116US
NAME OF SUBMITTER:	Terril Lewis
Total Attachments: 2 source=0116US_Assignment#page1.tif source=0116US_Assignment#page2.tif	

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ASSIGNMENT

FOR GOOD AND VALUABLE CONSIDERATION, the receipt, sufficiency and adequacy of which are hereby acknowledged, the undersigned inventors (referred to as the "Assignor" whether singular or plural), does hereby:

SELL, ASSIGN, AND TRANSFER to Boston Scientific Neuromodulation Corporation, having a place of business at 25155 Rye Canyon Loop, Valencia, CA 91355 ("Assignee") its entire worldwide right, title, and interest in and to:

any and all inventions which are disclosed or claimed in the following patent application ("inventions") which is to be filed, entitled:

*Verifying Correct Operation of an Implantable Neurostimulator Device Using Current Distribution Circuitry*, which is executed by signing a declaration concurrently herewith;

and improvements thereof (hereinafter "inventions or improvements"), including any and all inventions or improvements which have been or might be disclosed or claimed in a divisional, continuation, continuation-in-part, substitute, provisional, non-provisional, renewal, reissue, or other application based off of the above-referenced patent application or claiming priority to the above-referenced patent application;

and all original, reissued, or reexamined patents or applications which have been or shall be issued or filed in the United States or in foreign countries on such inventions or improvements;

The Assignor further:

AUTHORIZES AND REQUESTS the issuing authority to issue any and all United States or foreign patents granted on such inventions or improvements to the Assignee;

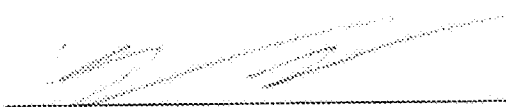
WARRANTS AND COVENANTS that no assignment, grant, mortgage, license or other agreement affecting the rights herein conveyed has been or will be made to others by the Assignor, and that the full right to convey the same as herein expressed is possessed by the undersigned, except to the extent that the Assignor has previously already assigned it rights to the Assignee, in which case this present assignment should not be understood to affect any such rights already transferred to the Assignee; and

COVENANTS, when requested and at the expense of the Assignee, to: carry out in good faith the intent and purpose of this assignment; to execute all divisional, continuing, substitute, renewal, reissue, and all other patent applications on any and all such inventions or improvements; to execute all rightful oaths, declarations, assignments, powers of attorney and other papers necessary to perfect the rights hereby transferred to the Assignee; and generally to

do everything possible which the Assignee shall consider desirable for vesting title to such inventions or improvements in the Assignee, and for securing, maintaining and enforcing proper patent protection for such inventions or improvements.

TO BE BINDING on the heirs, assigns, representatives and successors of the undersigned and extend to the successors, assigns and nominees of the Assignee.

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**Emarit Ranu**

27 MAR 2012

**Date**