

PATENT ASSIGNMENT

Electronic Version v1.1
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SUBMISSION TYPE:	NEW ASSIGNMENT						
NATURE OF CONVEYANCE:	ASSIGNMENT						
CONVEYING PARTY DATA							
<table border="1"> <thead> <tr> <th>Name</th> <th>Execution Date</th> </tr> </thead> <tbody> <tr> <td>Michael J Campbell</td> <td>08/29/2012</td> </tr> <tr> <td>William L Winstrom</td> <td>08/28/2012</td> </tr> </tbody> </table>		Name	Execution Date	Michael J Campbell	08/29/2012	William L Winstrom	08/28/2012
Name	Execution Date						
Michael J Campbell	08/29/2012						
William L Winstrom	08/28/2012						
RECEIVING PARTY DATA							
Name:	Advanced Neuromodulation Systems, Inc. d/b/a St. Jude Medical Neuromodulation Division						
Street Address:	6901 Preston Road						
City:	Plano						
State/Country:	TEXAS						
Postal Code:	75024						
PROPERTY NUMBERS Total: 1							
<table border="1"> <thead> <tr> <th>Property Type</th> <th>Number</th> </tr> </thead> <tbody> <tr> <td>Application Number:</td> <td>13596592</td> </tr> </tbody> </table>		Property Type	Number	Application Number:	13596592		
Property Type	Number						
Application Number:	13596592						
CORRESPONDENCE DATA							
Fax Number:	9725268332						
Phone:	972-526-8232						
Email:	pamela.newton@sjmneuro.com						
<i>Correspondence will be sent to the e-mail address first; if that is unsuccessful, it will be sent via US Mail.</i>							
Correspondent Name:	St Jude Medical Neuromodulation Division						
Address Line 1:	6901 Preston Road						
Address Line 4:	Plano, TEXAS 75024						
ATTORNEY DOCKET NUMBER:	11-003 US						
NAME OF SUBMITTER:	Pamela S Newton						
<p>Total Attachments: 3 source=2012-08-29 Signed Assignment#page1.tif source=2012-08-29 Signed Assignment#page2.tif source=2012-08-29 Signed Assignment#page3.tif</p>							

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ASSIGNMENT

WHEREAS, we, **Michael J. Campbell** and **William L. Winstrom**, the undersigned inventors, of residence as listed, having invented certain new and useful improvements in ***EXTERNAL SYSTEMS FOR DETECTING IMPLANTABLE NEUROSTIMULATION LEADS AND DEVICES, AND METHODS OF USING SAME***, as described in U.S. Provisional Application Number **61/538,018**, filed **September 22, 2011** and U.S. Application Number **13/596,592**, filed **August 28, 2012**. We hereby authorize and request the attorneys/agents of Advanced Neuromodulation Systems, Inc. to insert the application number and filing date into the preceding blanks when known.

WHEREAS, **Advanced Neuromodulation Systems, Inc. d/b/a St. Jude Medical Neuromodulation Division** (hereinafter referred to as "Assignee"), a Texas Corporation, with an address of 6901 Preston Road, Plano, Texas, 75024, desires to acquire our entire right, title, and interest in and to the invention, and in and to the application and any Letters Patent that may issue thereon;

Now, THEREFORE, for and in consideration of good and valuable consideration, the receipt and sufficiency of which is hereby acknowledged, we assign to Assignee, all right, title, and interest in and to the invention and in and to the application and all patents which may be granted therefor, and all divisions, reissues, continuations, continuations-in-part and extensions thereof; and we hereby authorize and request the Commissioner of Patents and Trademarks to issue all patents for the invention, or patents resulting therefrom, insofar as our interest is concerned, to Assignee.

We also assign to Assignee, all right, title, and interest to the invention disclosed in the application throughout the world, including the right to file

applications and obtain patents, utility models, industrial models, and designs for the invention in its own name throughout the world including all rights to publish cautionary notices reserving ownership of the invention and all rights to register the invention in appropriate registries; and we further agree to execute any and all powers of attorney, applications, assignments, declarations, affidavits, and any other papers in connection therewith necessary to perfect such right, title, and interest in Assignee.

We will communicate to Assignee any facts known to us respecting any improvements; and, at the expenses of Assignee, we will testify in any legal proceeding, sign all lawful papers, execute all divisional, continuation, continuation-in-part, reissue and substitute applications, make lawful oaths and declarations, and generally do everything possible to vest title in Assignee and to aid Assignee to obtain and enforce proper protection for the invention in all countries.

This Assignment shall be binding on the parties' successors, assigns, and legal representatives.

8-29-2012
Date

Michael J. Campbell
Michael J. Campbell

3705 Pennsylvania Avenue
Sachse, TX 75048
USA

August 28, 2012
Date

William L. Winstrom
William L. Winstrom

10500 Avery Club Drive, Unit 24
Austin, TX 78717
USA