PATENT ASSIGNMENT

Electronic Version v1.1 Stylesheet Version v1.1

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

CONVEYING PARTY DATA

| Name | Execution Date |
|----------------|----------------|
| Peter B Hegi | 06/14/2010 |
| Jonathan Ruais | 06/04/2010 |

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

| Property Type | Number |
|---------------------|----------|
| Application Number: | 12789921 |

CORRESPONDENCE DATA

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Address Line 4: Plano, TEXAS 75024

ATTORNEY DOCKET NUMBER: 08-013 US

NAME OF SUBMITTER: Pete Lando

Total Attachments: 2

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CH \$40.00

PATENT REEL: 024532 FRAME: 0781

ASSIGNMENT

WHEREAS, we, **Peter B. Hegi** and **Jonathan Ruais**, the undersigned inventors, of residence as listed, having invented certain new and useful improvements in **SYSTEM AND METHOD FOR PROGRAMMING AN IMPLANTABLE SPINAL CORD STIMULATION SYSTEM**, as described in the U.S. patent application executed concurrently herewith and US Provisional Application Number **61/182,590**, filed **May 29, 2009**.

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

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PATENT REEL: 024532 FRAME: 0782 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.

5/24/2010

Date

Peter B. Hegi

4251 Potomac Avenue Dallas, TX 75205 USA

6/4/2010 Date

RECORDED: 06/14/2010

Jonathan Ruais

6709 Valley View Drive

2308 Canyon Creek Drive ML-McKinney, TX 75070 75071 900-

USA

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