### 503973428 08/23/2016

### **PATENT ASSIGNMENT COVER SHEET**

Electronic Version v1.1 Stylesheet Version v1.2 EPAS ID: PAT4020084

SUBMISSION TYPE:	NEW ASSIGNMENT
NATURE OF CONVEYANCE:	ASSIGNMENT

#### **CONVEYING PARTY DATA**

Name	Execution Date
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NATALIE A. BRILL	08/17/2016
JIANWEN GU	08/22/2016
JUAN GABRIEL HINCAPIE ORDONEZ	08/18/2016
CHANGFANG ZHU	08/15/2016
HEMANT BOKIL	08/15/2016
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#### **RECEIVING PARTY DATA**

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#### **PROPERTY NUMBERS Total: 1**

Property Type	Number
Application Number:	15244913

#### **CORRESPONDENCE DATA**

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using a fax number, if provided; if that is unsuccessful, it will be sent via US Mail.

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NAME OF SUBMITTER:	KATHLEEN GANNON	
SIGNATURE:	/Kathleen Gannon/	
DATE SIGNED:	08/23/2016	

PATENT 503973428 REEL: 039513 FRAME: 0229

This document serves as an Oath/Declaration (37 CFR 1.63).

Total Attachments: 2

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> PATENT REEL: 039513 FRAME: 0230

# COMBINED DECLARATION & ASSIGNMENT

Attorney Docket No.: 6279,184US1

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Client Ref No. 15-0167US01

THE: MACHINE LEARNING TO OPTIMIZE SPINAL CORD STIMULATION

#### ASSIGNMENT

WHEREAS, I, Michael A. Moffitt, Natalie A. Brill, Jianwen Gu, Juan Gabriel Hincapic Ordonez, Changling Zhu, Hemant Bokil, Stephen Carcleri, have invented certain new and useful improvements as described in U.S. patent application, cutitled MACHINE LEARNING TO OPTIMIZE SPINAL CORD STIMULATION, the application having been executed on even date herewith, and/or being identified in the United States Patent and Trademark Office ("USPTO") by Application No. 15/244,913 filed August 23, 2016 ("Invention"); and

WHERBAS, Boston Scientific Neuromodulation Corporation, a Corporation of the State of Delaware, and having an address of 25155 Rye Canyon Loop, Valencia, CA 91355 (together with its successors and assigns, the "Assignee"), seeks to memorialize its ownership of the entire right, title and interest in and to the Invention;

NOW, THEREPORE, in exchange for good and valuable consideration, the receipt and adequacy of which are hereby acknowledged, I transfer to Assignee my entire right, title, and interest in and to the Invention, including all inventions disclosed or claimed in the above-identified patent application, including any improvements thereof, any corresponding domestic applications (c.g., provisional, non-provisional, divisional, continuation, continuationin-part, reexamination, and/or reissue patent), any corresponding foreign applications, all patents issuing thereon, or other patent application based off or claiming priority to the above-identified patent application, and ali rights and benefits under any applicable treaty or convention. I authorize the USPTO (or foreign equivalent thereof) to issue any patent (or similar legal protection) to the Assignee,

I authorize the Assignee to insert in this instrument the filing date and application number of the application when ascertained. I hereby authorize the Assignee (or its designee) to apply for patent (or similar legal protection) in its own name if desired, in any and all countries.

I represent to the Assigned that I have not and shall not execute any writing or do any act whatsoever conflicting with this Assignment. I agree when requested, without additional consideration, but at the expense of the Assignee, to provide additional reasonable assistance necessary to memorialize this assignment, to execute all oaths, declarations, assignments, powers of attorney and other papers necessary to perfect and vest title to the rights assigned herein to the Assignee; and will render all assistance in filing, obtaining, maintaining, and enforcing any patent (or similar legal protection) on the Invention in any and all countries.

## DECLARATION

I have reviewed and understand the contents of the above-identified patent application including the claims, and I believe I am an original or an original joint inventor of a claimed invention in the above-identified patent application. The above-identified patent application was made or authorized to be made by me. I am aware of and acknowledge my duty to disclose to the USPTO all information known to me to be material to patentability of the claims in the above-identified patent application. I acknowledge that any willful false statement made in this declaration is punishable under 18 U.S.C. 1001 by fine or imprisonment of not more than five (5) years, or both.

Juan Gabriel. Hincapie Ordonez

Date \$\frac{8}{18}/16

## COMBINED DECLARATION & ASSIGNMENT

Attorney Docket No.; 6279,1841351

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Client Ref No. 15-0167US01

Title: MACHINE LEARNING TO OPTIMIZE SPINAL CORD STIMULATION

Date 17 Aug 2016

Date 15 Aug 2016

Changfang Zhu

Date 15 Aug 2016

Date 15 Aug 2016

**PATENT** 

REEL: 039513 FRAME: 0232

**RECORDED: 08/23/2016**