PATENT ASSIGNMENT

Electronic Version v1.1

Stylesheet Version v1.1

SUBMISSION TYPE:	: NEW ASSIGNMENT				
NATURE OF CONVE	YANCE:	ASS	ASSIGNMENT		
CONVEYING PARTY	' DATA				
		Name		Execution Date	
Jacob B. Leven				04/03/2013	
Anne Margaret Pianca				04/02/2013	
John Michael Barker				04/02/2013	
Geoffrey Abellana Vi	llarta			04/12/2013	
Milad Girgis				04/16/2013	
RECEIVING PARTY I	DATA				
Name:	Boston Scientific Neuromodulation Corporation				
Street Address:	25155 Rye Canyon Loop				
City:	Valencia				
State/Country:	CALIFORNIA				
Postal Code:	91355				
			Number]	
Property T			Number		
Application Number: 13864		13864049	1049		
CORRESPONDENCE	E DATA				
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			ne fax attempt is unsuccessful.		
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Correspondent Name: Bruce E. Black, FROMMER LAWRENCE & HAUG					
Address Line 1:745 Fifth AvenueAddress Line 4:NEW YORK, NEW YORK 10151					
Address Line 4:					
ATTORNEY DOCKET NUMBER:		1362	1362009-2282.1		
NAME OF SUBMITTER:			Terri Downey		
Signature:			ri Downey/	PATENT	
502371477		ı		REEL: 030543 FRAME: 0671	

Date:	06/04/2013
	This document serves as an Oath/Declaration (37 CFR 1.63).
Total Attachments: 4 source=01284254#page1.tif source=01284254#page2.tif source=01284254#page3.tif source=01284254#page4.tif	

COMBINED DECLARATION & ASSIGNMENT

Attorney Docket No.: Page 1 of 2

Client Ref. No.: 12-0345US01

Title: LEAD WITH CONTACT END CONDUCTOR GUIDE AND METHODS OF MAKING AND USING

ASSIGNMENT

WHEREAS, Jacob B. Leven, Anne Margaret Pianea, John Michael Barker, Geoffrey Abellana Villarta, and Milad Girgis have invented certain new and useful improvements as described in the specification bearing the above Attorney Docket No. and title, executed by me concurrently herewith, and/or being identified in the United States Patent and Trademark Office ("USPTO") by Application No. 13/8(.04, 049), filed Apv. 11, 20/3 ("Invention").

WHEREAS, BOSTON SCIENTIFIC NEUROMODULATION CORPORATION, a Corporation of the State of Delaware, and having an address of 25155 Rye Canyon Loop, Valencia, California 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, THEREFORE, 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 aboveidentified patent application, including any improvements thereof, any corresponding domestic applications (e.g., provisional, non-provisional, divisional, continuation, continuation-in-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 all 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 Assignce 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.

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COMBINED DECLARATION	Attorney Docket No.: 1362009-2282.1	Page 2 of 2	
& ASSIGNMENT	Client Ref. No.: 12-0345US01		
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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.

Dated:	<u>03 ANC 2013</u>
Dated:	<u>2 APRN 2013</u>
Dated:	<u> 2.440.2013</u>
Dated:	
Dated:	16 APR 2013

Jacob B. Leven, Inventor

Anne Margaret Planca, Inventor

e Gen<u>i di bi</u>ta

John Michael Barker, Inventor

Geoffrey Abellana Villarta, Inventor

A parte Milad Girgis, Inventor

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PATENT REEL: 030543 FRAME: 0674

COMBINED DECLARATION & ASSIGNMENT

Attorney Docket No.: 1362009-2282.1	Page 1 of 2
Client Ref. No.: 12-0345U	JS01
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GUIDE AND METHODS OF MAKING AND USING

ASSIGNMENT

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WHEREAS, BOSTON SCIENTIFIC NEUROMODULATION CORPORATION, a Corporation of the State of Delaware, and having an address of 25155 Rye Canyon Loop, Valencia, California 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, THEREFORE, 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 (e.g., provisional, non-provisional, divisional, continuation, continuation-in-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 all 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.

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> 01248631.DOCX PATENT REEL: 030543 FRAME: 0675

COMBINED DECLARATION & ASSIGNMENT	Attorney Docket No.: 1362009-2282.1	Page 2 of 2
	Client Ref. No.: 12-0345US01	
S / ILSEVIFICSEVIES	Title: LEAD WITH CONT/ GUIDE AND METHODS O	

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Dated:	12 Apr 8013
Dated:	
Dated:	<u>7 </u>
Dated:	12APR 2013
Dated:	16 APR- 2013

had been

Jacob B. Leven. Inventor

Anne Margaret Planca, Inventor

John Michael Barker, Inventor

Geoffrey Abellana Villarta, Inventor

Milad Girgis, Inventor 7

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PATENT REEL: 030543 FRAME: 0676

RECORDED: 06/04/2013