

**PATENT ASSIGNMENT**

Electronic Version v1.1  
 Stylesheet Version v1.1

<b>SUBMISSION TYPE:</b>	NEW ASSIGNMENT
<b>NATURE OF CONVEYANCE:</b>	ASSIGNMENT
<b>CONVEYING PARTY DATA</b>	
<b>Name</b>	<b>Execution Date</b>
Boston Scientific Neuromodulation Corporation	01/07/2008
<b>RECEIVING PARTY DATA</b>	
<b>Name:</b>	Advanced Bionics, LLC
<b>Street Address:</b>	25129 Rye Canyon Loop
<b>City:</b>	Valencia
<b>State/Country:</b>	CALIFORNIA
<b>Postal Code:</b>	91355
<b>PROPERTY NUMBERS Total: 1</b>	
<b>Property Type</b>	<b>Number</b>
<b>Application Number:</b>	12728722
<b>CORRESPONDENCE DATA</b>	
<b>Fax Number:</b>	(832)446-2424
<i>Correspondence will be sent via US Mail when the fax attempt is unsuccessful.</i>	
<b>Email:</b>	wcpatent@counselip.com
<b>Correspondent Name:</b>	Wong Cabello
<b>Address Line 1:</b>	20333 State Highway 249
<b>Address Line 2:</b>	Suite 600
<b>Address Line 4:</b>	Houston, TEXAS 77070
<b>ATTORNEY DOCKET NUMBER:</b>	896-0008US2
<b>NAME OF SUBMITTER:</b>	Terril Lewis
<b>Total Attachments: 3</b> source=BSNC to AB LLC Assignment#page1.tif source=BSNC to AB LLC Assignment#page2.tif source=BSNC to AB LLC Assignment#page3.tif	

CH \$40.00 12728722

10527-783002

## PATENT ASSIGNMENT

WHEREAS, Boston Scientific Neuromodulation Corporation, a corporation of the state of Delaware, having a place of business at 25129 Rye Canyon Road, Valencia, California 91355 ("ASSIGNOR"), is the owner of the entire right, title and interest in and to certain United States patents and patent applications identified in the attached Schedule A and hereinafter referred to as "PATENTS AND PATENT APPLICATIONS."

WHEREAS, Advanced Bionics, LLC, a limited liability corporation of the state of Delaware, having a place of business at 25129 Rye Canyon Loop, Valencia, California 91355 ("ASSIGNEE"), is desirous of obtaining the entire right, title and interest in and to the PATENTS AND PATENT APPLICATIONS.

NOW, THEREFORE, in consideration good and valuable considerations paid by ASSIGNEE to ASSIGNOR, the receipt and sufficiency of which are hereby acknowledged, ASSIGNOR hereby sells, assigns and transfers to ASSIGNEE, its successors and assignees, the entire right, title and interest in and to the PATENTS AND PATENT APPLICATIONS, including the right to sue for past infringement thereof.

ASSIGNOR agrees for itself and its successors, legal representatives and assigns, without further compensation, to perform such lawful acts and to sign such further applications, assignments, Preliminary Statements and other lawful documents as the ASSIGNEE may reasonably request to effectuate fully this assignment.

IN TESTIMONY WHEREOF, ASSIGNOR has caused this Assignment to be executed by its duly authorized officer.

BOSTON SCIENTIFIC NEUROMODULATION  
CORPORATION

By Title Vice President - legal + SecretaryDate January 7, 2008

ASSIGNOR

State of Massachusetts  
County of Middlesex : ss

On this 7<sup>th</sup> day of January, 2008, before me personally came Lawrence J. Kroof, to me known, who, being duly sworn, deposes and says that he is the VP-Legal and Secretary of Boston Scientific Neuromodulation Corporation (ASSIGNOR), the corporation described in, and which executed the foregoing instrument; that the seal affixed to said instrument is the seal of said corporation; that it was so affixed by order of the Board of Directors of said corporation; and he signed his name thereto by like order.

Caryn G. Martin  
Notary Public Caryn G. Martin  
My Commission Expires: May 14, 2010

[Notary's Seal]

21819875.doc

Page 13  
 ADVANCED BIONICS LLC  
 PATENT LIST

As of Dec. 7, 2007

05-01192	Inactive	60/533,399	12/30/2003			Fixation Methods and Systems for Cochlear Implant Component or Other Implantable Devices	24971
05-01192	Filed	10/987,561	11/12/2004			Fixation Methods and Systems for Cochlear Implant Component or Other Implantable Devices	24972
05-01240	Inactive	60/514,128	10/24/2003			Electrical Stimulation of the Inner Ear During the Convalescence Period Following Cochlear Implantation to Preserve Neuronal Survival	25019
05-01240	Inactive	10/970,877	10/22/2004			Electrical Stimulation of the Inner Ear During the Convalescence Period Following Cochlear Implantation to Preserve Neuronal Survival	25020
05-01244	Inactive	60/523,928	11/21/2003			Optimizing Pitch Allocation in a Cochlear Implant Using Simple Melodies	25023
05-01244	Filed	10/982,625	11/17/2004			Optimizing Pitch Allocation in a Cochlear Implant Using Simple Melodies	25024
05-01249	Inactive	60/559,296	4/2/2004			Dynamic Spectral Peak Selection for Spectral Masking Strategy	25028
05-01249	Filed	11/096,402	4/1/2005			Methods and Apparatus for Cochlear Implant Signal Processing	25028
05-01251	Inactive	60/530,532	12/17/2003			Low Power Inverted Alterphasic Stimulation in a Cochlear Implant	25030
05-01251	Granted	10/983,981	11/19/2004	7,167,754	1/23/2007	Low Power Inverted Alterphasic Stimulation in a Cochlear Implant	25031
05-01254	Filed	11/016,604	12/16/2004			Estimating Flap Thickness for Cochlear Implants	25033
05-01255	Granted	10/981,944	11/5/2004	7,277,760	10/2/2007	Encoding Fine Time Structure in Presence of Substantial Interaction Across an Electrode Array	25034
05-01255	Filed	11/845,673	8/27/2007			Encoding Fine Time Structure in Presence of Substantial Interaction Across an Electrode Array	34696
05-01256	Granted	11/003,155	12/3/2004	7,242,965	7/10/2007	Outer Hair Cell Stimulation Model for Use by an Intra-Cochlear Implant	25035
05-01256	Filed	11/785,395	6/19/2007			Outer Hair Cell Stimulation Model for Use by an Intra-Cochlear Implant	34457
05-01257	Filed	10/982,390	11/18/2004			Inner Hair Cell Stimulation Model for the Use by an Intra-Cochlear Implant	25036
05-01258	Filed	11/008,869	12/9/2004			Processing Signals Representative of Sound Based on the Identity of an Input Element	25037
05-01265	Inactive	60/685,171	3/24/2005			Cochlear Implant with Localized Fluid Transport	25044
05-01265	Filed	11/387,206	3/23/2006			Cochlear Implant with Localized Fluid Transport	28093
05-01277	Filed	11/261,432	10/28/2005			Hybrid Multi-Function Electrode Array	25056
05-01279	Inactive	60/568,957	5/7/2004			Headpieceless and Magnetless Inductively Coupled Cochlear Implant	25056

BPG 12-12-07  
 AK 12/13/07

PATENT

REEL: 020340 FRAME: 0740

REEL: 024116 FRAME: 0638

RECORDED: 03/22/2010