

# PATENT ASSIGNMENT

Electronic Version v1.1

Stylesheet Version v1.1

SUBMISSION TYPE:	NEW ASSIGNMENT										
NATURE OF CONVEYANCE:	ASSIGNMENT										
<b>CONVEYING PARTY DATA</b>											
<table border="1" style="width: 100%; border-collapse: collapse;"> <thead> <tr> <th style="width: 70%;">Name</th> <th style="width: 30%;">Execution Date</th> </tr> </thead> <tbody> <tr> <td>Tracey L. Kruger</td> <td>10/04/2006</td> </tr> <tr> <td>Leonid M. Litvak</td> <td>09/01/2006</td> </tr> <tr> <td>Philip A. Segel</td> <td>09/12/2006</td> </tr> </tbody> </table>		Name	Execution Date	Tracey L. Kruger	10/04/2006	Leonid M. Litvak	09/01/2006	Philip A. Segel	09/12/2006		
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<b>RECEIVING PARTY DATA</b>											
<table border="1" style="width: 100%; border-collapse: collapse;"> <tr> <td style="width: 20%;">Name:</td> <td>Advanced Bionics Corporation</td> </tr> <tr> <td>Street Address:</td> <td>25129 Rye Canyon Rd.</td> </tr> <tr> <td>City:</td> <td>Valencia</td> </tr> <tr> <td>State/Country:</td> <td>CALIFORNIA</td> </tr> <tr> <td>Postal Code:</td> <td>91355</td> </tr> </table>		Name:	Advanced Bionics Corporation	Street Address:	25129 Rye Canyon Rd.	City:	Valencia	State/Country:	CALIFORNIA	Postal Code:	91355
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<b>CORRESPONDENCE DATA</b>											
<p>Fax Number: (661)362-1507</p> <p><i>Correspondence will be sent via US Mail when the fax attempt is unsuccessful.</i></p> <p>Phone: 661-362-1832</p> <p>Email: janice.gainer@advancedbionics.com</p> <p>Correspondent Name: Janice Gainer</p> <p>Address Line 1: 28515 Westinghouse Place</p> <p>Address Line 2: Intellectual Property Dept.</p> <p>Address Line 4: Valencia, CALIFORNIA 91355</p>											
ATTORNEY DOCKET NUMBER:	05-00571-06										
NAME OF SUBMITTER:	Bryant R. Gold										
<p>Total Attachments: 3</p> <p>source=05-00571-06-AssignKruger-signed#page1.tif</p>											

CH \$40.00 12334455

**501236350**

**PATENT**  
**REEL: 024705 FRAME: 0086**

source=05-00571-06-AssignLitvak-signed#page1.tif

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**ASSIGNMENT OF INVENTION(S) -- EMPLOYEE**  
(Utility Application – prior Provisional)

FOR GOOD AND VALUABLE CONSIDERATION,

I, the undersigned, in consideration of my employment with Advanced Bionics Corporation, and in accordance with my Employee Invention Agreement with Advanced Bionics Corporation, hereby sell, assign and transfer unto

Advanced Bionics Corporation,

a corporation organized under the laws of the state of Delaware, as Assignee, and its successors, assigns and legal representatives, the entire right, title and interest, for all countries in and to certain inventions relating to

Adaptive Place-Pitch Ranking Procedure for Optimizing Performance of a Multi-Channel Neural Stimulator

described in an application for Letters Patent of the United States, identified as Attorney Docket No. 05-00571-04, at Advanced Bionics Corporation, 25129 Rye Canyon Rd., Valencia, CA 91355, and filed on September 01, 2006, as Application Serial No. 11/469,820, which application is a Continuation-in-Part of United States Application Serial No. 10/819,611, filed on April 07, 2004, as Attorney Docket No. 05-00571-02 [AB-339U]; which application claims the benefit of United States Provisional Patent Application Serial No. 60/464,222, filed on April 18, 2003, as Attorney Docket No. 05-00571-01 [AB-339P] and the invention(s) and improvement(s) set forth therein, and any and all non-provisional applications, continuations, divisionals, and renewals of and substitutes for said application(s) for said Letters Patent, and all the rights and privileges under any and all Letters Patent that may be granted therefor in any country, and any reissues, or reexaminations, or extensions of said Letters Patent. I request that any and all Letters Patent for said inventions be issued to said Assignee, its successors, assigns and legal representatives, or to such nominees as it may designate.

I agree that, when requested, I will, without charge to said Assignee but at its expense, sign all papers, take all rightful oaths, and do all acts which may be necessary, desirable or convenient for securing and maintaining patents for said inventions in any and all countries and for vesting title thereto in said Assignee, its successors, assigns and legal representatives or nominees.

I authorize and empower said Assignee, its successors, assigns and legal representatives or nominees, to invoke and claim for any application for patent or other form of protection for said inventions filed by it or them, the benefit of the right of priority provided by the International Convention for the Protection of Industrial Property, as amended, or by any convention which may henceforth be substituted for it, and to invoke and claim such right of priority without further written or oral authorization from me.

I hereby consent that a copy of this assignment shall be deemed a full legal and formal equivalent of any assignment, consent to file or like document which may be required in any country for any purpose and more particularly in proof of the right of the said Assignee or nominee to claim the aforesaid benefit of the right of priority provided by the International convention which may henceforth be substituted for it.

I hereby authorize Bryant R. Gold, attorney for Assignee, or his designee, to insert the filing date and Serial number into the first paragraph of this assignment, after the application for Letters Patent has been filed, and the U.S. Patent Office has assigned such application a Serial Number.

I covenant with said Assignee, its successors, assigns and legal representatives, that the rights and property herein conveyed are free and clear of any encumbrance, and that I have full right to convey the same as herein expressed.

IN WITNESS WHEREOF, I have hereunto signed my name on the day and year set forth below.

\_\_\_\_\_  
Inventor's Signature

Tracey L. Kruger  
Inventor's Printed Name

10/4/06  
DATE

Witnessed by:

DATE: 10/04/06

1st Witness's Signature: \_\_\_\_\_

1st Witness's Printed Name: \_\_\_\_\_

Polly Meredith  
Polly Meredith

DATE: \_\_\_\_\_

2d Witness's Signature: \_\_\_\_\_

2d Witness's Printed Name: \_\_\_\_\_

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\_\_\_\_\_  
Inventor's Signature

Sep 01 '06  
\_\_\_\_\_  
DATE


Leonid M. Litvak  
\_\_\_\_\_  
Inventor's Printed Name

Witnessed by:

DATE: 9/1/06

1st Witness's Signature: \_\_\_\_\_

1st Witness's Printed Name: \_\_\_\_\_

  
HOVSEP ALABASHYAN

DATE: \_\_\_\_\_

2d Witness's Signature: \_\_\_\_\_

2d Witness's Printed Name: \_\_\_\_\_

ASSIGNMENT

WHEREAS, I, Philip A. Segel, of Englewood, Colorado, for good and valuable consideration and in accordance with my Employee Invention Agreement with Advanced Bionics Corporation, have assigned and do hereby assign to ADVANCED BIONICS CORPORATION, a Delaware Corporation organized under the laws of the State of Delaware, with its principal place of business in Sylmar, California, its successors, assigns and legal representatives, the entire right, title and interest in and to all subject matter invented by us and disclosed in United States Patent Application entitled

Adaptive Place-Pitch Ranking Procedure for Optimizing Performance of a Multi-Channel Neural Stimulator

described in an application for Letters Patent of the United States, identified as Attorney Docket No. 05-00571-04, at Advanced Bionics Corporation, 12740 San Fernando Rd., Sylmar, CA 91342, and filed on September 01, 2006, as Application Serial No. 11/469,820, which application is a Continuation-in-Part of United States Application Serial No. 10/819,611, filed on April 07, 2004, as Attorney Docket No. 05-00571-02 [AB-339U]; which application claims the benefit of United States Provisional Patent Application Serial No. 60/464,222, filed on April 18, 2003, as Attorney Docket No. 05-00571-01 [AB-339P] and the invention(s) and improvement(s) set forth therein, and any and all non-provisional applications, continuations, continuations-in-part, divisionals, and renewals of and substitutes for said application(s) for said Letters Patent, and all the rights and privileges under any and all Letters Patent that may be granted therefor in any country, and any reissues, or reexaminations, or extensions of said Letters Patent. I request that any and all Letters Patent for said inventions be issued to said Assignee, its successors, assigns and legal representatives, or to such nominees as it may designate.

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IN WITNESS WHEREOF, I have hereunto signed my name on the day and year set forth below.

  
\_\_\_\_\_  
Inventor's Signature

Philip A. Segel  
\_\_\_\_\_  
Inventor's Printed Name

Sept 12, 2006  
\_\_\_\_\_  
DATE

Witnessed by:

DATE: SEP 12, 2006

1st Witness's Signature:

1st Witness's Printed Name:

DATE: \_\_\_\_\_

2d Witness's Signature: \_\_\_\_\_

2d Witness's Printed Name: \_\_\_\_\_

**PATENT**