

PATENT ASSIGNMENT

Electronic Version v1.1

Stylesheet Version v1.1

| SUBMISSION TYPE: | NEW ASSIGNMENT | | | | | | |
|---|--------------------------------|----------------|---------------------|------------|-----------|------------|--|
| NATURE OF CONVEYANCE: | ASSIGNMENT | | | | | | |
| CONVEYING PARTY DATA | | | | | | | |
| <table border="1"><thead><tr><th>Name</th><th>Execution Date</th></tr></thead><tbody><tr><td>David K.L. Peterson</td><td>01/19/2006</td></tr><tr><td>Yuping He</td><td>09/06/2006</td></tr></tbody></table> | Name | Execution Date | David K.L. Peterson | 01/19/2006 | Yuping He | 09/06/2006 | |
| Name | Execution Date | | | | | | |
| David K.L. Peterson | 01/19/2006 | | | | | | |
| Yuping He | 09/06/2006 | | | | | | |
| RECEIVING PARTY DATA | | | | | | | |
| Name: | Advanced Bionics Corporation | | | | | | |
| Street Address: | 25129 Rye Canyon Road | | | | | | |
| City: | Valencia | | | | | | |
| State/Country: | CALIFORNIA | | | | | | |
| Postal Code: | 91355 | | | | | | |
| PROPERTY NUMBERS Total: 1 | | | | | | | |
| <table border="1"><thead><tr><th>Property Type</th><th>Number</th></tr></thead><tbody><tr><td>Application Number:</td><td>11177503</td></tr></tbody></table> | Property Type | Number | Application Number: | 11177503 | | | |
| Property Type | Number | | | | | | |
| Application Number: | 11177503 | | | | | | |
| CORRESPONDENCE DATA | | | | | | | |
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| Email: | mgoldstein@advancedbionics.com | | | | | | |
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| Address Line 4: | Valencia, CALIFORNIA 91355 | | | | | | |
| ATTORNEY DOCKET NUMBER: | 05-01276 (AB-528U) | | | | | | |
| NAME OF SUBMITTER: | Laura H. Bishop | | | | | | |
| Total Attachments: 2 source=AB-528U Asgn#page1.tif source=AB-528U Asgn#page2.tif | | | | | | | |

CH \$40.00 11177503

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PATENT
REEL: 018218 FRAME: 0478

ASSIGNMENT OF INVENTION(S) -- EMPLOYEE
(Utility Application -- no priority)

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

Current Output Architecture for an Implantable Stimulator Device

described in an application for Letters Patent of the United States, identified as Attorney Docket No. AB-528U, at Advanced Bionics Corporation, 25129 Rye Canyon Loop, Valencia, CA 91355, and filed on July 8, 2005, as Application Serial No. 11/177,503, and the invention(s) and improvement(s) set forth therein, and any and all continuations, divisionals, and renewals of and substitutes for said application 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

January 19th, 2006

DATE

David K.L. Peterson

Inventor's Printed Name

Witnessed by:DATE: January 19, 2006

1st Witness's Signature:



1st Witness's Printed Name:

Marci Goldstein

DATE: _____

2d Witness's Signature: _____

2d Witness's Printed Name: _____

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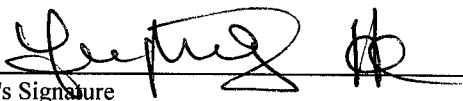
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Inventor's Signature

9-6-06
DATE

Yuping He
Inventor's Printed Name

Witnessed by:

DATE: 9-6-06

1st Witness's Signature: Marc Goldstein

1st Witness's Printed Name: Marc Goldstein

DATE: _____

2d Witness's Signature: _____

2d Witness's Printed Name: _____