

PATENT ASSIGNMENT

Electronic Version v1.1
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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>Yoram Vodovotz</td> <td>08/23/2011</td> </tr> <tr> <td>Maxim Vyacheslavovich Mikheev</td> <td>08/24/2011</td> </tr> </tbody> </table>		Name	Execution Date	Yoram Vodovotz	08/23/2011	Maxim Vyacheslavovich Mikheev	08/24/2011						
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RECEIVING PARTY DATA													
<table border="1"> <tr> <td>Name:</td> <td>University of Pittsburgh - Of the Commonwealth System of Higher Education</td> </tr> <tr> <td>Street Address:</td> <td>200 Gardner Steel Conference Center</td> </tr> <tr> <td>Internal Address:</td> <td>Thackeray and O'Hara Streets</td> </tr> <tr> <td>City:</td> <td>Pittsburgh</td> </tr> <tr> <td>State/Country:</td> <td>PENNSYLVANIA</td> </tr> <tr> <td>Postal Code:</td> <td>15260</td> </tr> </table>		Name:	University of Pittsburgh - Of the Commonwealth System of Higher Education	Street Address:	200 Gardner Steel Conference Center	Internal Address:	Thackeray and O'Hara Streets	City:	Pittsburgh	State/Country:	PENNSYLVANIA	Postal Code:	15260
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PROPERTY NUMBERS Total: 1													
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CORRESPONDENCE DATA													
Fax Number: 2155683439 <i>Correspondence will be sent via US Mail when the fax attempt is unsuccessful.</i> Phone: 215-564-1457 Email: assignments@woodcock.com Correspondent Name: Julia Hackstie Address Line 1: 2929 Arch Street, 12th Floor Address Line 4: Philadelphia, PENNSYLVANIA 19104-2891													
ATTORNEY DOCKET NUMBER:	NIHA-0462												
NAME OF SUBMITTER:	Julia C. Hackstie												
Signature:	/Julia C. Hackstie/												
Date:	04/11/2013												

CH \$40.00 13322066

Total Attachments: 4

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ASSIGNMENT

WHEREAS, Yoram Vodovotz of Sewickley, Pennsylvania, U.S.A. (herein referred to as "Assignor"), is an/the inventor of the following Invention:

ENGINEERED BIOLOGICAL PACEMAKERS

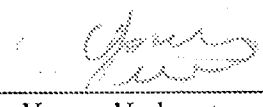
("Invention") for which a PCT patent application was filed on May 21, 2010 and assigned application serial number PCT/US2010/035823 (the "Patent Property"); and

WHEREAS, the Invention was previously disclosed to the University of Pittsburgh -- Of the Commonwealth System of Higher Education, a non-profit corporation organized and existing under the laws of the Commonwealth of Pennsylvania, with an office at 200 Gardner Steel Conference Center, Thackeray and O'Hara Streets, Pittsburgh, Pennsylvania 15260 (the "University") ("Assignee") and assigned to the University pursuant to Assignor's obligations under the University's Patent Rights and Technology Transfer Policy (the "Patent Policy") and in consideration of Assignor's employment and/or association with the University and the rights provided to Assignor under the Patent Policy and/or said Assignor's employment agreement;

NOW, THEREFORE, for good and valuable consideration, receipt of which is hereby acknowledged, and intending to be bound hereby, Assignor hereby assigns, sells, transfers, and sets over unto said Assignee, effective immediately, his/her entire right, title, and interest in and to said Patent Property and the inventions and improvements therein disclosed or hereinafter developed for the United States and all foreign countries and any Letters Patent which may issue therefrom in the United States and all foreign countries and all divisionals, reissues, continuations, continuations-in-part, requests for continued examinations, renewals, and/or extensions thereof including all priority rights under the International Convention associated therewith for each country in the Union, said Assignee to have and to hold the interests herein assigned to the full ends of the terms of said Letters Patent and any and all divisionals, reissues, continuations, requests for continued examinations, renewals, and/or extensions thereof, respectively, as fully and entirely as the same would have been held and enjoyed by Assignor had this assignment not been made.

And for the consideration aforesaid, Assignor agrees that he/she will communicate to said Assignee or the representatives thereof any facts known to Assignor respecting said inventions and improvements, and will, upon request, but at Assignee's expense, testify in any legal proceedings, sign all lawful papers, execute all divisional, reissue, continuation, continuation in part, request for continued examination, renewal, and/or extension applications, make all rightful oaths, and generally do all other and further lawful acts, deemed necessary or expedient by said Assignee or by counsel for said Assignee, to assist or enable said Assignee to obtain and enforce full benefits from the rights and interests herein assigned.

Dated: 8/23/11



Yoram Vodovotz

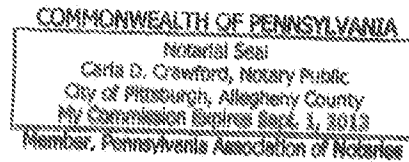
Commonwealth of Pennsylvania :
:
County of Allegheny :

Before me, a Notary Public in and for the said County and State, personally appeared Yoram Vodovotz, who acknowledged that he/she is the person who executed the foregoing Assignment and acknowledged it to be his/her free and voluntary act and deed.

Witness my hand and notarial seal this 23rd day of August, 2011.

Carla D. Crawford
Notary Public

(NOTARY SEAL)



ASSIGNMENT

WHEREAS, Maxim Vyacheslavovich Mikheev of Pittsburgh, Pennsylvania, U.S.A. (herein referred to as "Assignor"), is an/the inventor of the following Invention:

ENGINEERED BIOLOGICAL PACEMAKERS

("Invention") for which a PCT patent application was filed on May 21, 2010 and assigned application serial number PCT/US2010/035823 (the "Patent Property"); and

WHEREAS, the Invention was previously disclosed to the University of Pittsburgh -- Of the Commonwealth System of Higher Education, a non-profit corporation organized and existing under the laws of the Commonwealth of Pennsylvania, with an office at 200 Gardner Steel Conference Center, Thackeray and O'Hara Streets, Pittsburgh, Pennsylvania 15260 (the "University") ("Assignee") and assigned to the University pursuant to Assignor's obligations under the University's Patent Rights and Technology Transfer Policy (the "Patent Policy") and in consideration of Assignor's employment and/or association with the University and the rights provided to Assignor under the Patent Policy and/or said Assignor's employment agreement;

NOW, THEREFORE, for good and valuable consideration, receipt of which is hereby acknowledged, and intending to be bound hereby, Assignor hereby assigns, sells, transfers, and sets over unto said Assignee, effective immediately, his/her entire right, title, and interest in and to said Patent Property and the inventions and improvements therein disclosed or hereinafter developed for the United States and all foreign countries and any Letters Patent which may issue therefrom in the United States and all foreign countries and all divisionals, reissues, continuations, continuations-in-part, requests for continued examinations, renewals, and/or extensions thereof including all priority rights under the International Convention associated therewith for each country in the Union, said Assignee to have and to hold the interests herein assigned to the full ends of the terms of said Letters Patent and any and all divisionals, reissues, continuations, requests for continued examinations, renewals, and/or extensions thereof, respectively, as fully and entirely as the same would have been held and enjoyed by Assignor had this assignment not been made.

And for the consideration aforesaid, Assignor agrees that he/she will communicate to said Assignee or the representatives thereof any facts known to Assignor respecting said inventions and improvements, and will, upon request, but at Assignee's expense, testify in any legal proceedings, sign all lawful papers, execute all divisional, reissue, continuation, continuation in part, request for continued examination, renewal, and/or extension applications, make all rightful oaths, and generally do all other and further lawful acts, deemed necessary or expedient by said Assignee or by counsel for said Assignee, to assist or enable said Assignee to obtain and enforce full benefits from the rights and interests herein assigned.

Dated: 8/24/11



Maxim Vyacheslavovich Mikheev

Commonwealth of Pennsylvania :
:
County of Allegheny :

Before me, a Notary Public in and for the said County and State, personally appeared Maxim Vyacheslavovich Mikheev, who acknowledged that he/she is the person who executed the foregoing Assignment and acknowledged it to be his/her free and voluntary act and deed.

Witness my hand and notarial seal this 24th day of August, 2011.

Cara D. Crawford
Notary Public

(NOTARY SEAL)

