

PATENT ASSIGNMENT

Electronic Version v1.1

Stylesheet Version v1.1

SUBMISSION TYPE: NEW ASSIGNMENT

NATURE OF CONVEYANCE: ASSIGNMENT

CONVEYING PARTY DATA

Name	Execution Date
Louis Wong	02/06/2007
Cem Shaquer	02/06/2007
Gene A. Bornzin	02/06/2007
Euljoon Park	02/06/2007
Andre Walker	01/19/2007
Dorin Panescu	01/23/2007
Jiong Xia	02/07/2007
Shahrooz Shahparnia	02/09/2007

RECEIVING PARTY DATA

Name:	Pacesetter, Inc.
Street Address:	701 E. Evelyn Avenue
City:	Sunnyvale
State/Country:	CALIFORNIA
Postal Code:	94086

PROPERTY NUMBERS Total: 1

Property Type	Number
Application Number:	11684671

CORRESPONDENCE DATA

Fax Number: (408)738-0285  
*Correspondence will be sent via US Mail when the fax attempt is unsuccessful.*  
Phone: 408-522-6181  
Email: ecampbell@sjm.com  
Correspondent Name: Pacesetter, Inc.  
Address Line 1: 701 E. Evelyn Avenue  
Address Line 2: Attn: Esther Campbell  
Address Line 4: Sunnyvale, CALIFORNIA 94086

PATENT

500237348

REEL: 018994 FRAME: 0871

CH \$40.00 11684671

ATTORNEY DOCKET NUMBER:	A06P3006-US2
NAME OF SUBMITTER:	Steven Mitchell
<p>Total Attachments: 6</p> <p>source=A06P3006_US2_Assign#page1.tif</p> <p>source=A06P3006_US2_Assign#page2.tif</p> <p>source=A06P3006_US2_Assign#page3.tif</p> <p>source=A06P3006_US2_Assign#page4.tif</p> <p>source=A06P3006_US2_Assign#page5.tif</p> <p>source=A06P3006_US2_Assign#page6.tif</p>	

# ASSIGNMENT

FOR GOOD AND VALUABLE CONSIDERATION, WE,

Louis Wong  
1070 Lois Avenue  
Sunnyvale, CA 94087

Euljoon Park  
27054 Mapletree Court  
Valencia, CA 91381

Cem Shaquer  
1642 Hyacinth Lane  
San Jose, CA 95124

Andre Walker  
15174 Via Del Sur  
Monte Sereno, CA 95030

Gene A. Bornzin  
608 Stonebrook Street  
Simi Valley, CA 93065

Dorin Panescu  
5275 Country Forge Lane  
San Jose, CA 95136

Jolie Xia  
76 Barnes Court, Apt. 111  
Stanford, CA 94305

Shahrooz Shahparnia  
387 Century Drive  
Campbell, CA 95008

1. HEREBY sell, assign, and transfer to Pacesetter, Inc., herein the "Assignee," the entire right, title and interest in and to any and all improvements which are disclosed in the application for United States Letters Patent, which has been executed by the undersigned concurrently herewith, and is entitled

## **Tissue Characterization Using Intracardiac Impedances with an Implantable Lead System**


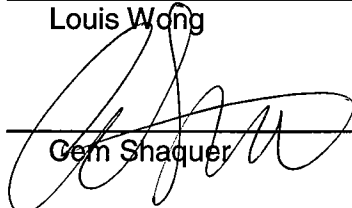
being identified in Pacesetter records as case number: **A06P3006-US2**

and in and to said application and all divisional, continuing, substitute, renewal, reissue, and all other applications for Letters Patent which have been or shall be filed in the United States and all foreign countries on any of said improvements; and in and to all original and reissued patents which have been or shall be filed in the United States and all foreign countries on said improvements;

2. AGREE that Assignee may apply for and receive Letters Patent for said improvements in its own name, and that, when requested, without charge to but at the expense of said Assignee, its successors, assigns, and legal representatives who carry out in good faith the intent and purpose of this agreement, the undersigned will execute all divisional, continuing, substitute, renewal, reissue, and all other patent applications on any and all said improvements; execute all rightful oaths, assignments, powers of attorney and other papers; communicate to said Assignee, its successors, assigns, and representatives, all facts known to the undersigned relating to said improvements and the history thereof; and generally do everything possible which said Assignee, its successors, assigns, or representatives shall consider desirable for aiding in securing and maintaining proper patent protection for said improvements and for vesting title to said improvements and all applications for patents and all patents on said improvements, in said Assignee, its successors, assigns, and legal representatives; and

3. COVENANT with said Assignee, its successor, assigns and legal representatives that no assignment, grant, mortgage, license or other agreement affecting the rights and property herein conveyed has been made to others by the undersigned, and that full right to convey the same as herein expressed is possessed by the undersigned.

**Tissue Characterization Using Intracardiac Impedances  
with an Implantable Lead System**

Date: 2/6/07Signature:   
Louis WongDate: 2/6/07Signature:   
Cem Shaquer

Date: \_\_\_\_\_

Signature: \_\_\_\_\_  
Gene A. Bornzin

Date: \_\_\_\_\_

Signature: \_\_\_\_\_  
Euljoon Park

Date: \_\_\_\_\_

Signature: \_\_\_\_\_  
Andre WalkerDate: 1/30/07Signature:   
Dorin Panescu

Date: \_\_\_\_\_

Signature: \_\_\_\_\_  
Jiong Xia

Date: \_\_\_\_\_

Signature: \_\_\_\_\_  
Shahrooz Shahparnia

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with an Implantable Lead System**

Date: \_\_\_\_\_

Signature: \_\_\_\_\_  
Louis Wong

Date: \_\_\_\_\_

Signature: \_\_\_\_\_  
Cem ShaquerDate: 2/6/07Signature:   
Gene A. BornzinDate: 2/6/07Signature:   
Euljoon Park

Date: \_\_\_\_\_

Signature: \_\_\_\_\_  
Andre Walker

Date: \_\_\_\_\_

Signature: \_\_\_\_\_  
Dorin Panescu

Date: \_\_\_\_\_

Signature: \_\_\_\_\_  
Jolie Xia

Date: \_\_\_\_\_

Signature: \_\_\_\_\_  
Shahrooz Shahparnia

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with an Implantable Lead System**

Date: \_\_\_\_\_

Signature: \_\_\_\_\_

Louis Wong

Date: 2/6/07

Signature: \_\_\_\_\_

Cem Siflaquer

Date: \_\_\_\_\_

Signature: \_\_\_\_\_

Gene A. Bornzin

Date: \_\_\_\_\_

Signature: \_\_\_\_\_

Euljoon Park

Date: 4/19/07

Signature: \_\_\_\_\_

Andre Walker

Date: 1/23/07

Signature: \_\_\_\_\_

Dorin Panescu

Date: \_\_\_\_\_

Signature: \_\_\_\_\_

Jolie Xia

Date: \_\_\_\_\_

Signature: \_\_\_\_\_

Shahrooz Shahparnia

**Tissue Characterization Using Intracardiac Impedances  
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Signature: \_\_\_\_\_  
Louis Wong

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Cem Shaquer

Date: \_\_\_\_\_

Signature: \_\_\_\_\_  
Gene A. Bornzin

Date: \_\_\_\_\_

Signature: \_\_\_\_\_  
Euljoon Park

Date: \_\_\_\_\_

Signature: \_\_\_\_\_  
Andre Walker

Date: \_\_\_\_\_

Signature: \_\_\_\_\_  
Dorin PanescuDate: 2/7/2007Signature: \_\_\_\_\_  
Jiong Xia

Date: \_\_\_\_\_

Signature: \_\_\_\_\_  
Shahrooz Shahparnia

**Tissue Characterization Using Intracardiac Impedances  
with an Implantable Lead System**

Date: \_\_\_\_\_

Signature: \_\_\_\_\_  
Louis Wong

Date: \_\_\_\_\_

Signature: \_\_\_\_\_  
Cem Shaquer

Date: \_\_\_\_\_

Signature: \_\_\_\_\_  
Gene A. Bornzin

Date: \_\_\_\_\_

Signature: \_\_\_\_\_  
Euljoon Park

Date: \_\_\_\_\_

Signature: \_\_\_\_\_  
Andre Walker

Date: \_\_\_\_\_

Signature: \_\_\_\_\_  
Dorin Panescu

Date: \_\_\_\_\_

Signature: \_\_\_\_\_  
Jiong XiaDate: Feb. 9, 2007Signature:   
Shahrooz Shahparnia