

PATENT ASSIGNMENT

Electronic Version v1.1
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SUBMISSION TYPE:	NEW ASSIGNMENT																
NATURE OF CONVEYANCE:	ASSIGNMENT																
CONVEYING PARTY DATA																	
<table border="1" style="width: 100%; border-collapse: collapse;"> <thead> <tr> <th style="width: 70%;">Name</th> <th>Execution Date</th> </tr> </thead> <tbody> <tr><td>Stuart Rosenberg</td><td>03/23/2009</td></tr> <tr><td>Allen Keel</td><td>03/23/2009</td></tr> <tr><td>Kyungmoo Ryu</td><td>03/24/2009</td></tr> <tr><td>Wenbo Hou</td><td>03/23/2009</td></tr> <tr><td>Kjell Noren</td><td>03/20/2009</td></tr> <tr><td>Thao Thu Nguyen</td><td>04/01/2009</td></tr> <tr><td>Michael Yang</td><td>03/24/2009</td></tr> </tbody> </table>		Name	Execution Date	Stuart Rosenberg	03/23/2009	Allen Keel	03/23/2009	Kyungmoo Ryu	03/24/2009	Wenbo Hou	03/23/2009	Kjell Noren	03/20/2009	Thao Thu Nguyen	04/01/2009	Michael Yang	03/24/2009
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<table border="1" style="width: 100%; border-collapse: collapse;"> <tr><td>Name:</td><td>PACESETTER, INC.</td></tr> <tr><td>Street Address:</td><td>15900 Valley View Court</td></tr> <tr><td>City:</td><td>Sylmar</td></tr> <tr><td>State/Country:</td><td>CALIFORNIA</td></tr> <tr><td>Postal Code:</td><td>91392-9221</td></tr> </table>		Name:	PACESETTER, INC.	Street Address:	15900 Valley View Court	City:	Sylmar	State/Country:	CALIFORNIA	Postal Code:	91392-9221						
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PROPERTY NUMBERS Total: 1																	
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CORRESPONDENCE DATA																	
<p>Fax Number: (818)362-4795</p> <p><i>Correspondence will be sent via US Mail when the fax attempt is unsuccessful.</i></p> <p>Phone: 818-362-6822</p> <p>Email: epineiro@sjm.com</p> <p>Correspondent Name: PACESETTER, INC.</p> <p>Address Line 1: 15900 VALLEY VIEW COURT</p> <p>Address Line 4: SYLMAR, CALIFORNIA 91392-9221</p>																	
ATTORNEY DOCKET NUMBER:	A09P1018																

CH \$40.00 12416771

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PATENT
REEL: 022491 FRAME: 0951

NAME OF SUBMITTER:

Estella Pineiro

Total Attachments: 4

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ASSIGNMENT

FOR GOOD AND VALUABLE CONSIDERATION, we

- | | | |
|----------------------------------------------------------------------|---------------------------------------------------------------------|-----------------------------------------------------------------|
| 1) Stuart Rosenberg
31413 Arena Drive
Castaic, CA 91384 | 2) Allen Keel
130 Descanso Drive, Apr. 421
San Jose, CA 95134 | 3) Kyungmoo Ryu
37460 Ruby Red Lane
Palmdale, CA 93551 |
| 4) Wenbo Hou
43653 Windrose Place
Lancaster, CA 93536 | 5) Kjell Noren
Karolinagatan 10c, nb
SE-171-58 Solna SWEDEN | 6) Thao Thu Nguyen
9213 3rd Ave. S.
Bloomington, MN 55420 |
| 7) Michael Yang
1771 Country Oaks Lane
Thousand Oaks, CA 91362 | | |

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

CARDIAC RESYNCHRONIZATION THERAPY OPTIMIZATION USING ELECTROMECHANICAL DELAY FROM REALTIME ELECTRODE MOTION TRACKING

being identified in Pacesetter records as case number: **A09P1018**

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

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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.


Date: 3/23/09

Signature: 
Stuart Rosenberg


Date: 3/23/09

Signature: 
Allen Keel

Date: 3/24/09

Signature: 
Kyungmoo Ryu

Date: 3/23/09

Signature: 
Wenbo Hou

Date: 3/24/09

Signature: _____
Kjell Noren

Date: _____

Signature: _____
Thao Thu Nguyen

Date: 3/24/09

Signature: 
Michael Yang

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Date: _____

Signature: _____
Stuart Rosenberg

Date: _____

Signature: _____
Allen Keel

Date: _____

Signature: _____
Kyungmoo Ryu

Date: _____

Signature: _____
Wenbo Hou

Date: Mar 20, 2009

Signature: Kjell Norén
Kjell Norén

Date: _____

Signature: _____
Thao Thu Nguyen

Date: _____

Signature: _____
Michael Yang

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Date: _____ Signature: _____
Stuart Rosenberg

Date: _____ Signature: _____
Allen Keel

Date: _____ Signature: _____
Kyungmoo Ryu

Date: _____ Signature: _____
Wenbo Hou

Date: _____ Signature: _____
Kjell Noren

Date: 4-1-09 Signature: 
Thao Thi Nguyen

Date: _____ Signature: _____
Michael Yang