503059096 11/12/2014

PATENT ASSIGNMENT COVER SHEET

Electronic Version v1.1 Stylesheet Version v1.2 EPAS ID: PAT3105698

SUBMISSION TYPE:	NEW ASSIGNMENT
NATURE OF CONVEYANCE:	ASSIGNMENT

CONVEYING PARTY DATA

Name	Execution Date
WENBO HOU	11/11/2014
MELANIE GOODMAN KEISER	11/11/2014
XIAOYI MIN	11/11/2014
BRUCE A. MORLEY	11/11/2014

RECEIVING PARTY DATA

Name:	PACESETTER, INC.	
Street Address:	15900 VALLEY VIEW CT.	
City:	SYLMAR	
State/Country:	CALIFORNIA	
Postal Code:	91392-9221	

PROPERTY NUMBERS Total: 1

Property Type	Number	
Application Number:	14539802	

CORRESPONDENCE DATA

Fax Number: (818)362-4795

Correspondence will be sent to the e-mail address first; if that is unsuccessful, it will be sent using a fax number, if provided; if that is unsuccessful, it will be sent via US Mail.

Phone: 818-362-6822
Email: epineiro@sjm.com

Correspondent Name: PACESETTER, INC.
Address Line 1: 15900 VALLEY VIEW CT

Address Line 4: SYLMAR, CALIFORNIA 91392-9221

ATTORNEY DOCKET NUMBER:	A14P1021	
NAME OF SUBMITTER:	ESTELLA PINEIRO	
SIGNATURE:	/Estella Pineiro/	
DATE SIGNED:	11/12/2014	

Total Attachments: 2

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PATENT 503059096 REEL: 034159 FRAME: 0112

ASSIGNMENT

FOR GOOD AND VALUABLE CONSIDERATION, we

- 1) Wenbo Hou 22531 Brightwood Pl Santa Clarita, CA 91350
- Melanie Goodman Keiser
 2213 Preston Ln
 McKinney, TX 75701
- 3) Xiaoyi Min 111t60 Sumac Lane Camarillo, CA 93012

- 4) Bruce A. Morley 2705 Lookout Dr Apt. 6209 Garland, TX 75044
- 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

SYSTEM AND METHOD TO CONTROL A NON-PARESTHESIA STIMULATION BASED ON SENSORY ACTION POTENTIALS

being identified in Pacesetter records as case number:

A14P1021

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

> PATENT REEL: 034159 FRAME: 0113

	COVENANT with said Assignee, its success ge, license or other agreement affecting the rig gned, and that full right to convey the same as	ghts and prope	erty herein conveyed has	is been made to others by the
Date:	11/11/14	Signature:	Wenbo H	, (4.00 Hou
Date:	11 Nor 14	Signature:	Melanie St. Melanie	Sodman Keiser
Date:	Nov. 11,2014	Signature:	XiaoyiMi	-
Date:_	11/11/2014	Signature:_	Bruce A.	Morpley