PATENT ASSIGNMENT COVER SHEET

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SUBMISSION TYPE:	NEW ASSIGNMENT
NATURE OF CONVEYANCE:	ASSIGNMENT

CONVEYING PARTY DATA

Name	Execution Date
KYUNGMOO RYU	12/03/2009
XIAOYI MIN	12/03/2009

RECEIVING PARTY DATA

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

PROPERTY NUMBERS Total: 1

Property Type	Number	
Application Number:	15172993	

CORRESPONDENCE DATA

Fax Number:

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: liliana.cancino-zepeda@abbott.com

Correspondent Name: PACESETTER, INC.

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ATTORNEY DOCKET NUMBER:	A09P1068USO1	
NAME OF SUBMITTER:	LILIANA CANCINO-ZEPEDA	
SIGNATURE: /liliana cancno-zepeda/		
DATE SIGNED:	06/27/2019	

Total Attachments: 1

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PATENT 505548761 REEL: 049616 FRAME: 0852

ASSIGNMENT

FOR GOOD AND VALUABLE CONSIDERATION, we

1) Kyungmoo Ryu 37460 Ruby Red Lane Palmdale, CA 93551

- Xiaoyi Min
 3228 Versaille Court
 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

OPTIMAL PACING CONFIGURATION VIA VENTRICULAR CONDUCTION DELAYS

being identified in Pacesetter records as case number:

A09P1068US01

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.

Date:	1213/09	Signature:	
	,		Kyungmoo Ryu
Date:	12/03/09	Signature:	Xiaoyi Min

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