505557278 07/03/2019

PATENT ASSIGNMENT COVER SHEET

Electronic Version v1.1 Stylesheet Version v1.2 EPAS ID: PAT5604075

SUBMISSION TYPE:	NEW ASSIGNMENT
NATURE OF CONVEYANCE:	ASSIGNMENT

CONVEYING PARTY DATA

Name	Execution Date
YONGJIAN WU	07/25/2016
SAMIR SHAH	10/03/2016
HEIDI HELLMAN	07/25/2016
REZA SHAHANDEH	07/26/2016
TEJPAL SINGH	08/02/2016
YOUJING HUANG	08/02/2016
CHAO-WEN YOUNG	07/29/2016

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:	16502774

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.

Email: liliana.cancino-zepeda@abbott.com

Correspondent Name: PACESETTER, INC.

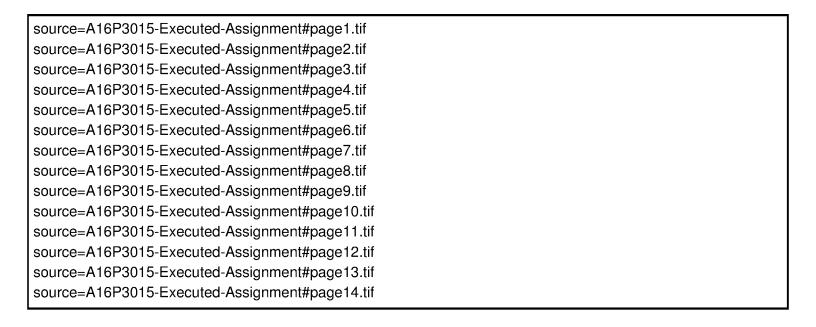
Address Line 1:15900 VALLEY VIEW COURTAddress Line 4:SYLMAR, CALIFORNIA 91392

ATTORNEY DOCKET NUMBER:	A16P3015USC1
NAME OF SUBMITTER:	LILIANA CANCINO-ZEPEDA
SIGNATURE:	/lilianacancino-zepeda/
DATE SIGNED:	07/03/2019

Total Attachments: 14

PATENT REEL: 049678 FRAME: 0001

505557278



PATENT REEL: 049678 FRAME: 0002

FOR GOOD AND VALUABLE CONSIDERATION, WE,

- Yongjian Wu
 14633 Ambric Knolls Road
 Saratoga, CA 95070
- Samir Shah 26550 Black Oak Drive Valencia, CA 91381
- Heidi Heliman
 11620 Mayfield Ave. #214
 Los Angeles, CA 90049
- Reze Shahandeh
 2928 Woodflower Street
 Thousand Oaks, CA 91362
- Teipal Singh
 25002 W. Oilver Way
 Stevenson Ranch, CA 91381
- 6. Youjing Huang 5754 McKetter Drive San Jose, CA 95129
- Chao-Wen Young 21970 Calcooli Court Cupertino, CA 95014
- 1. HEREBY sell, sesign, and transfer to Peoesetter, 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.

THE IMPLANTABLE MEDICAL DEVICE AND METHOD FOR MANAGING ADVERTISING AND SCANNING SCHEDULES

being identified in Pacesetter records as case number.

A16P3615

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 filled in the United States and all foreign countries on any of said improvements; and in and to all original and released patents which have been or shall be filled in the United States and all foreign countries on said improvements;

- AGREE that Assignee may apply for and receive Letters Petent 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 fulfil the intent and purpose of this agreement, the undersigned will execute all divisional, continuing, substitute, renewal, release, 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 undereigned relating to said improvements and the history thereof, and generally do everything possible which said Assignee, its successors, assigns, or representatives shall consider destrable 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 euccessor, 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: <u>07/25 /2 0/</u> 6	Signature:	<u> </u>
Date	Signature:	Samir Shah

Cate:	Signature:	Heidi Helimen
Date:	Signature;	Rezs Shehardeh
Date:	Signature:	Tejpal Singh
Cete:	Signature:	Youjing Huseg
Date:	Signature:	Chao-Wan Young

FOR GOOD AND VALUABLE CONSIDERATION, WE,

- Yongjian Wu
 14633 Ambric Knolls Road
 Saratoga, CA 95070
- Samir Shah 26660 Black Oak Drive Valencia, CA 91381
- Heidi Heliman
 11620 Mayfield Ave. #214
 Los Angeles, CA 90049
- Reza Shahandeh
 2928 Woodflower Street
 Thousand Oaks, CA 91362
- Tejpal Singh
 25002 W. Oliver Way
 Stevenson Ranch, CA 91381
- Youjing Huang
 5754 McKetlar Drive
 San Jose, CA 95129
- Chao-Wen Young 21970 Oaknoli Court Cupertino, CA 95014
- 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.

THE IMPLANTABLE MEDICAL DEVICE AND METHOD FOR MANAGING ADVERTISING AND SCANNING SCHEDULES

being identified in Pacesetter records as case number:

A16P3015

and in and to said application and all divisional, continuing, substitute, renewal, reissue, and all other applications for Lettere 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;

- 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.

Oate:		Signature:	Yongjian Wu
Date:	10/03/2016	Signature:	<u> </u>

	"	Chao-Wen Young
Date:	Signature:	
Date:	Signature:	Youjing Huang
Dale:	Signature:	Tejpai Singh
Cate:	Signature:	Reza Shahandeh
Date:	Signature:	Heidi Heilman

FOR GOOD AND VALUABLE CONSIDERATION, WE.

- Yongjian Wu
 14633 Ambric Knolls Road
 Saratoga, CA 95070
- Samir Shah 26550 Black Oak Drive Valencia, CA 91381
- Heidi Hellman
 11620 Mayfield Ave. #214
 Los Angeles, CA 90049
- Reza Shahandeh
 2928 Woodflower Street
 Thousand Oaks, CA 91362
- Tejpal Singh
 25002 W. Oliver Way
 Stevenson Ranch, CA 91381
- Youjing Huang
 5754 McKellar Drive
 San Jose, CA 95129
- Chao-Wen Young
 21970 Oaknoll Court
 Cupertino, CA 95014
- 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

THE IMPLANTABLE MEDICAL DEVICE AND METHOD FOR MANAGING ADVERTISING AND SCANNING SCHEDULES

being identified in Pacesetter records as case number:

A16P3015

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:	Signature:	9: Yongjian Wu		
Date:	Signature:	Sarrie Shah		

Attomey Oockel No. A16P3015

Dete: <u>1/25/16</u>	Signature:	Heidi Heliman
Cate:	Signature:	Raza Shahandeh
Oate:	Signature:	Tojon Sirji
Date:	Signature:	Youjing Huang
Christ:	Signeture:	Chao-Wen Young

FOR GOOD AND VALUABLE CONSIDERATION, WE.

- Yongjian Wu
 14633 Ambric Knolls Road
 Saratoga, CA 95070
- Samir Shah
 26550 Black Oak Drive
 Valencia, CA 91381
- Heidi Hellman
 11620 Mayfield Ave. #214
 Los Angeles, CA 90049
- Reza Shahandeh
 2928 Woodflower Street
 Thousand Oaks, CA 91362
- Tejpal Singh 25002 W. Oliver Way Stevenson Ranch, CA 91381
- Youjing Huang
 5754 McKellar Drive
 San Jose, CA 95129
- Chao-Wen Young
 21970 Oaknoll Court
 Cupertino, CA 95014
- 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

THE IMPLANTABLE MEDICAL DEVICE AND METHOD FOR MANAGING ADVERTISING AND SCANNING SCHEDULES

being identified in Pacesetter records as case number:

A16P3015

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 caths, 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:	Signature:	Yongjian Wu
Date:	Signature:	Somir Shah

Date:	Signature:	Haidi Heliman
Dete: 2/2/2016	Signature:	Life Character and Comments
Date:	Signature:	Tejpal Singh
Date:	Signature:	Youjing Husing
Osts:	Signature:	Chao-Man Young

2.

FOR GOOD AND VALUABLE CONSIDERATION, WE,

- 1 Yengjian Wu 14633 Ambrie Knolls Road Saratoga, CA 95070
- Samir Shah 26550 Black Oak Drive Valencia, CA 91361
- Heidi Hellman
 11620 Mayfield Ave. #214
 Los Angeles, CA 90049
- Reza Shahandeh
 2928 Woodflower Street
 Thousand Oaks, CA 91362
- Tejpal Singh
 25002 W. Oliver Way
 Stevenson Ranch, CA 91381
- Youjing Huang
 5754 McKellar Drive
 San Jose, CA 95129
- 7. Chao-Wen Young 21970 Oaknoll Court Cupertino, CA 95014
- 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

THE IMPLANTABLE MEDICAL DEVICE AND METHOD FOR MANAGING ADVERTISING AND SCANNING SCHEDULES

being identified in Pacesetter records as case number:

A16P3015

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:

- 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 properly 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:	Signature: Yongjian Wu	**********
Date:	Signature:Samir Shah	

Date:	Signature:	Heidi Heliman
Date:	Signature:	Reza Shahardeh
Date:	Signature:	
Date:	Signature:	Youjing Huang
Dafe:	Signature:	Obac-Wan Yourn

FOR GOOD AND VALUABLE CONSIDERATION, WE.

- Yongjian Wu
 14633 Ambric Knolle Road
 Sareloga, CA 95070
- Samir Shah
 26580 Black Oak Drive
 Valencia, CA 91381
- Heidi Hellman
 11620 Mayfield Ave. #214
 Los Angeles, CA 90049
- Reza Shahandeh
 2928 Woodflower Street
 Thousand Oaks, CA 91362
- Telpal Singh
 25002 W. Oliver Way
 Steveneon Rench, CA 91381
- Youjing Huang 5754 McKellar Orive San Jose, CA 95129
- Chao-Wen Young
 21970 Oaknoll Court
 Cupertino, CA 95014
- 4. 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.

THE IMPLANTABLE MEDICAL DEVICE AND METHOD FOR MANAGING ADVERTISING AND SCANNING SCHEDULES

being identified in Pacesetter records as case number:

A16P3015

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;

- 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 undereigned 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:	Signature:	Yongilan Wu
20to:	Signature:	Sens Shan

Oete:	Signatura:	Hekî: Helimen
Date:	Signature:	Reze Shahandeh
Date:	Signature:	Tejpel Singh
Osto: <u>2/2/2016</u>	Signature:	49,343
Date;	Signature:	Chao-Wen Young

FOR GOOD AND VALUABLE CONSIDERATION, WE.

- Yongjian Wu
 14633 Ambric Knolls Road
 Seretogs, CA 95070
- 2. Samir Shah 26560 Black Oak Drive Valencia, CA 91381
- Heldi Heliman
 11620 Mayfield Avo. #214
 Los Angelos, CA 90049
- Reza Shahandah
 2928 Woodflower Street
 Thousand Oaks, CA 91382
- Teipst Singh
 25002 W. Oliver Way
 Stevenson Ranch, CA 91381
- 6. Youjing Huang 5754 McKellar Drive San Jose, CA 95129
- Chao-Wen Young
 21970 Oaknoë Court
 Cuperlino, CA 95014
- 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.

THE IMPLANTABLE MEDICAL DEVICE AND METHOD FOR MANAGING ADVERTISING AND SCANNING SCHEDULES

being identified in Pacesetter records as case number.

A16P3015

and in and to said application and all divisional, continuing, substitute, renewal, release, 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 released patents which have been or shall be filed in the United States and all foreign countries on said improvements:

- 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, release, 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 little 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 eald 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:	Signature:	Yongjian Wu
Date:	Signature:	Sansia Shah

Oate:	Signature:	Haid Heilmas
Dete:	Signature:	Rezs Shahawlah
Charles	Signature:	Tejpa: Singh
Date:	Signatura:	Youjing Husing
Dete: 63/3-01/301/0	Signature:	Shall Mark Young