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| <b>PATENT ASSIGNMENT COVER SHEET</b> |
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Electronic Version v1.1  
 Stylesheet Version v1.2

EPAS ID: PAT7538005

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|---|---|
| <b>SUBMISSION TYPE:</b>   | NEW ASSIGNMENT                                |
| <b>NATURE OF CONVEYANCE:</b>  | ASSIGNMENT                                    |
| <b>CONVEYING PARTY DATA</b>   |   |
| <b>Name</b>   | <b>Execution Date</b>                         |
| NIMA BADIE  | 04/25/2018                                    |
| JAN O. MANGUAL-SOTO   | 04/26/2018                                    |
| LUKE C. MCSPADDEN   | 04/24/2018                                    |
| LOUIS-PHILIPPE RICHER   | 04/25/2018                                    |
| JONG GILL   | 04/26/2018                                    |
| <b>RECEIVING PARTY DATA</b>   |   |
| <b>Name:</b>  | PACESETTER, INC.                              |
| <b>Street Address:</b>  | 15900 VALLEY VIEW COURT                       |
| <b>City:</b>  | SYLMAR  |
| <b>State/Country:</b>   | CALIFORNIA                                    |
| <b>Postal Code:</b>   | 91342   |
| <b>PROPERTY NUMBERS Total: 2</b>  |   |
| <b>Property Type</b>  | <b>Number</b>                                 |
| <b>Application Number:</b>  | 16740553                                      |
| <b>Application Number:</b>  | 17832765                                      |
| <b>CORRESPONDENCE DATA</b>  |   |
| <b>Fax Number:</b>  | (314)584-4062                                 |
| <i>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.</i> |   |
| <b>Phone:</b>   | 3145844080                                    |
| <b>Email:</b>   | jleclair@splglaw.com, ASJM_Patents@abbott.com |
| <b>Correspondent Name:</b>  | THE SMALL PATENT LAW GROUP LLC                |
| <b>Address Line 1:</b>  | 1423 STRASSNER DRIVE, SUITE 100               |
| <b>Address Line 4:</b>  | BRENTWOOD, MISSOURI 63144                     |
| <b>ATTORNEY DOCKET NUMBER:</b>  | 13243USC1 AND 13243USC2                       |
| <b>NAME OF SUBMITTER:</b>   | DEAN D. SMALL                                 |
| <b>SIGNATURE:</b>   | /Dean D. Small/                               |
| <b>DATE SIGNED:</b>   | 09/14/2022                                    |
| <b>Total Attachments: 6</b>   |   |

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**PATENT**

**REEL: 061094 FRAME: 0258**

# ASSIGNMENT

FOR GOOD AND VALUABLE CONSIDERATION, WE

- |  |   |  |
|--|---|--|
| 1) Nima Badie<br>1735 Spruce St., #3<br>Berkeley, CA 94709                       | 2) Jan O. Mangual-Soto<br>Via Torino 38<br>Rho, ITALY 20017 | 3) Luke C. McSpadden<br>1833 Edgecliffe Dr., #2<br>Los Angeles, CA 90026 |
| 4) Louis-Philippe Richer<br>4117 Ernest-Hemingway<br>Montreal,<br>H4R 0C3 CANADA | 5) John Gill<br>23310 Mariner Lane<br>Valencia, CA 91355    |  |

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

**HEART FAILURE PROGRESSION MONITORING BASED ON  
LV CONDUCTION PATTERN AND MORPHOLOGY TRENDS**

being identified in Pacesetter records as case number: **13243US01**


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: 4/25/2018

Signature:   
Nima Badie

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

Signature: \_\_\_\_\_  
Jan O. Mangual-Soto

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

Signature: \_\_\_\_\_  
Luke C. McSpadden

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

Signature: \_\_\_\_\_  
Louis-Philippe Richer

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

Signature: \_\_\_\_\_  
Jong Gill

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

Signature: \_\_\_\_\_  
Nima Badie

Date: 26 / APR / 2018

Signature: \_\_\_\_\_  
Jan O. Mangual-Soto

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

Signature: \_\_\_\_\_  
Luke C. McSpadden

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

Signature: \_\_\_\_\_  
Louis-Philippe Richer

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

Signature: \_\_\_\_\_  
Jong Gill

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

Signature: \_\_\_\_\_  
Nima Badie

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

Signature: \_\_\_\_\_  
Jan O. Mangual-Soto

Date: 4/29/2018

Signature:   
Luke C. McSpadden

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

Signature: \_\_\_\_\_  
Louis-Philippe Richer

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

Signature: \_\_\_\_\_  
Jong Gill

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

Signature: \_\_\_\_\_  
Nima Badie

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

Signature: \_\_\_\_\_  
Jan O. Mangual-Soto

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

Signature: \_\_\_\_\_  
Luke C. McSpadden

Date: 2018/04/25

Signature:   
Louis-Philippe Richer

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

Signature: \_\_\_\_\_  
Jong Gill

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

Signature: \_\_\_\_\_  
Nirna Badie

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

Signature: \_\_\_\_\_  
Jan O. Mangual-Soto

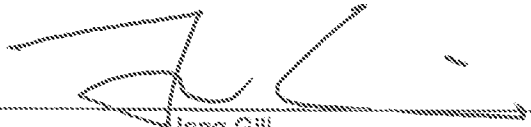
Date: \_\_\_\_\_

Signature: \_\_\_\_\_  
Luke C. McSpadden

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

Signature: \_\_\_\_\_  
Louis-Philippe Richer

Date: 8/26/20

Signature:  \_\_\_\_\_  
Long Gill