

## PATENT ASSIGNMENT COVER SHEET

Electronic Version v1.1  
Stylesheet Version v1.2

EPAS ID: PAT6043362

<b>SUBMISSION TYPE:</b>	NEW ASSIGNMENT
<b>NATURE OF CONVEYANCE:</b>	ASSIGNMENT
<b>CONVEYING PARTY DATA</b>	
<b>Name</b>	<b>Execution Date</b>
PIERRE JAIS	02/12/2020
UNIVERSITE DE BORDEAUX	10/11/2019
CHU DE BORDEAUX	11/13/2019
FONDATION BORDEAUX UNIVERSITE	12/31/2019
<b>RECEIVING PARTY DATA</b>	
<b>Name:</b>	ST. JUDE MEDICAL, CARDIOLOGY DIVISION, INC.
<b>Street Address:</b>	ONE ST. JUDE MEDICAL DRIVE
<b>City:</b>	ST. PAUL
<b>State/Country:</b>	MINNESOTA
<b>Postal Code:</b>	55117
<b>PROPERTY NUMBERS Total: 5</b>	
<b>Property Type</b>	<b>Number</b>
Application Number:	62263136
Application Number:	62330886
Application Number:	15367895
Application Number:	16545233
PCT Number:	US2016064671
<b>CORRESPONDENCE DATA</b>	
<b>Fax Number:</b>	(651)756-2808
<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>	651-756-2000
<b>Email:</b>	jillian.awe@abbott.com
<b>Correspondent Name:</b>	KRISTOFOR L. STORVICK
<b>Address Line 1:</b>	ONE ST. JUDE MEDICAL DRIVE
<b>Address Line 4:</b>	ST. PAUL, MINNESOTA 55117
<b>ATTORNEY DOCKET NUMBER:</b>	CD-1164
<b>NAME OF SUBMITTER:</b>	/JILLIAN K. AWE/
<b>SIGNATURE:</b>	/Jillian K. Awe/

<b>DATE SIGNED:</b>	04/02/2020
---------------------	------------

**Total Attachments: 7**

- source=Fully Executed Assignment#page1.tif
- source=Fully Executed Assignment#page2.tif
- source=Fully Executed Assignment#page3.tif
- source=Fully Executed Assignment#page4.tif
- source=Fully Executed Assignment#page5.tif
- source=Fully Executed Assignment#page6.tif
- source=Fully Executed Assignment#page7.tif

**ASSIGNMENT**

Dr. Pierre Jaïs, an individual, born on February the 16<sup>th</sup> 1964, having his domicile at 7 Chemin de Jales 33160 St Médard en Jalle (hereinafter referred to as "**Co-Inventor**"), and

UNIVERSITE DE BORDEAUX, a Public Establishment for scientific cooperation, having its registered office at 35 place Pey Berland, 33000 Bordeaux, France (hereinafter referred to as the "**Université de Bordeaux**"),

CENTRE HOSPITALIER UNIVERSITAIRE DE BORDEAUX, a Medical public institution, having its registered office at 12, rue Dubernat, 33404 Talence Cedex, France (hereinafter referred to as "**CHU de Bordeaux**"),

IHU LIRYC under the auspices of FONDATION BORDEAUX UNIVERSITÉ, a Private Foundation for scientific cooperation, having its registered office 166, cours de l'Argonne, 33000 Bordeaux, France (hereinafter referred as the "**IHU-LIRYC**", under the auspices of **Fondation Bordeaux Université**"), and

The Université de Bordeaux, the IHU LIRYC under the auspice of Fondation Bordeaux Université, and CHU de Bordeaux are collectively referred to herein as the "**Establishments**",

AND

St. Jude Medical, Cardiology Division, Inc., a Delaware corporation, having its principal place of business at One St. Jude Medical Drive, St. Paul, MN 55117-9983, United States of America (hereinafter referred to as "**SJM**"),

WHEREAS, Establishments, (hereinafter "**Assignors**"), is the co-owner of record of the patent(s) and/or patent application(s) set forth below (hereinafter "**the Assigned Patents**");

WHEREAS, St. Jude Medical, Cardiology Division Inc., a corporation organized under the laws of the State of Delaware, having its principal place of business at One St. Jude Medical Drive, St. Paul, MN 55117-9983 (hereinafter "**Assignee**"), desires to acquire the entire right, title and interest, including and not limited to causes of action, if any, for monetary recovery, including damages for infringement, in and to the Assigned Patents;

NOW, THEREFORE, for good and valuable consideration, the receipt and sufficiency of which are hereby acknowledged, Assignors do hereby sell, assign and transfer unto Assignee, its successors and assigns, the entire right, title and interest in and to all inventions, improvements, know-how and developments associated with the Assigned Patents and the entire right, title and interest, including, without limitation, causes of action, if any, for monetary recovery of any kind, including past damages for infringement, in and to the Assigned Patents and in any re-issue, continuation, division or extension thereof, and all rights to sue therefor and all rights to claim the full benefits and priority rights under the Patent Cooperation Treaty, the Paris Convention and any other international agreement with respect thereto, all of the foregoing to be held and enjoyed by Assignee for its own use, and for its legal representatives and assigns, as fully and entirely as the same would have been held by Assignors had this assignment in sale not been made.

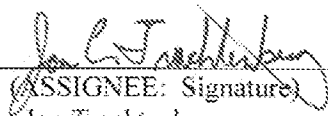
Assignors agree to execute and deliver any further papers and do such other acts as may be necessary and proper to vest full title in and to the Assigned Patents in the Assignee.

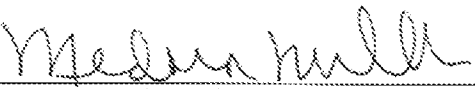
Made in five (5) original copies,

SAID ASSIGNEE HEREBY acknowledges the aforesaid statements and accepts the aforesaid Assignment, transfer, and set over of said invention;

AND, IN TESTIMONY WHEREOF, said ASSIGNEE hereunto sets its hand on the under-mentioned day and year.

11-Feb-2020  
(Date)

  
(ASSIGNEE: Signature)  
Jon Trachtenberg  
Division Counsel  
St. Jude Medical, Cardiology Division, Inc.

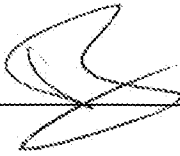
  
(Witness: Signature)  
Printed name: Medora Miller

REF AST AT2019-114

IN WITNESS WHEREOF, Assignor have caused these presents to be duly executed in a manner appropriate thereto this 12 day of February, 2019.

Made in five (5) original copies,

**DR. PIERRE JAIS**



\_\_\_\_\_

Dated: 12/02/2019

IN WITNESS WHEREOF, Assignors have caused these presents to be duly executed in a manner appropriate thereto this 30 day of September, 2019.

Made in five (5) original copies,

**UNIVERSITE DE BORDEAUX**

  
\_\_\_\_\_



By: Mr. Manuel TUNON DE LARA

Title: President

Dated: 10/10/19

REF CHU: 2019-1125-DRC-CC

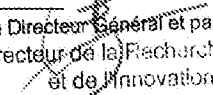
REF AST AT2019-114

IN WITNESS WHEREOF, Assignors have caused these presents to be duly executed in a manner appropriate thereto this 30 day of September, 2019.

Made in five (5) original copies,

**CHU DE BORDEAUX**

By: Mr Yann BUBIEN  
Title: General Director  
Dated: 13<sup>th</sup> member 2019

  
Pour le Directeur Général et par délégation,  
Le Directeur de la Recherche Clinique  
et de l'Innovation

Jonathan BELCASTRO

REF AST AT2019-114

IN WITNESS WHEREOF, Assignor have caused these presents to be duly executed in a manner appropriate thereto this \_\_\_ day of \_\_\_\_\_, 2019.

Made in five (5) original copies,

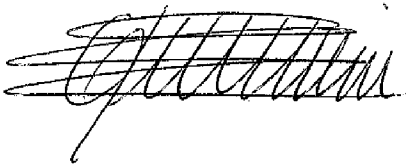
**FONDATION BORDEAUX UNIVERSITÉ**

---

By: Mrs Charlyne QUERCIA

Title: General Director

Dated: 31/12/2015

A handwritten signature in black ink, appearing to read 'Charlyne Quercia', written over a horizontal line.



**Assigned Patents:**

U.S. Provisional Application Number 62/263,136  
U.S. Provisional Application Number 62/330,886  
U.S. Application Number 15/367,895, now U.S. Patent No. 10,398,331  
U.S. Application Number 16/545,233  
International Application Number PCT/US2016/064671  
EP Application Number 16816811.0  
JP Application Number 2018-548651  
CN Application Number 2016800681274