

## PATENT ASSIGNMENT COVER SHEET

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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>
JEAN-PAUL ABEN	01/20/2020
CHRIS BOUWMAN	01/20/2020
<b>RECEIVING PARTY DATA</b>	
<b>Name:</b>	PIE MEDICAL IMAGING B.V.
<b>Street Address:</b>	PHILIPSWEG 1
<b>City:</b>	MAASTRICHT
<b>State/Country:</b>	NETHERLANDS
<b>PROPERTY NUMBERS Total: 1</b>	
<b>Property Type</b>	<b>Number</b>
<b>Application Number:</b>	16630833
<b>CORRESPONDENCE DATA</b>	
<b>Fax Number:</b>	(203)323-1800
<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>	(203) 323-1800
<b>Email:</b>	pto@gordonjacobson.com
<b>Correspondent Name:</b>	GORDON & JACOBSON, P.C.
<b>Address Line 1:</b>	60 LONG RIDGE ROAD
<b>Address Line 2:</b>	SUITE 407
<b>Address Line 4:</b>	STAMFORD, CONNECTICUT 06902
<b>ATTORNEY DOCKET NUMBER:</b>	PIE-020US
<b>NAME OF SUBMITTER:</b>	JAY P. SBROLLINI
<b>SIGNATURE:</b>	/Jay P. Sbrollini/
<b>DATE SIGNED:</b>	01/27/2020
<b>Total Attachments: 4</b>	
source=Assign-Signed-Aben-PIE-020US#page1.tif	
source=Assign-Signed-Aben-PIE-020US#page2.tif	
source=Assign-Signed-Bouwman-PIE-020US#page1.tif	
source=Assign-Signed-Bouwman-PIE-020US#page2.tif	

## ASSIGNMENT

WHEREAS, I, **Jean-Paul Aben**, the undersigned, as **ASSIGNOR** herein, am an inventor of certain inventions or improvements relating to

### **METHODS AND SYSTEMS FOR GUIDANCE IN CARDIAC RESYNCHRONIZATION THERAPY**

described or set forth in an application for Letters Patent of the United States, identified as Attorney Docket No. PIE-020US by Gordon & Jacobson, PC and filed on 1/13/2020, as Application Serial No. 16/630,833 (the "**APPLICATION**"),

AND WHEREAS, **Pie Medical Imaging B.V.**, a corporation organized under the laws of The Netherlands, and having an address of Philipsweg 1, Maastricht, The Netherlands, as **ASSIGNEE** herein, and its successors, assigns and legal representatives, is desirous of obtaining the entire right, title and interest, for all countries in and to and the invention(s) and improvement(s) set forth in the **APPLICATION**;

NOW, THEREFORE TO ALL WHOM IT MAY CONCERN, BE IT KNOWN, that the **ASSIGNOR**, for good and valuable consideration, the receipt and sufficiency of which are hereby acknowledged, has assigned, sold, transferred, and conveyed, and by this instrument does assign, sell, transfer and convey, unto said **ASSIGNEE**, its successors and assigns, and **ASSIGNEE**, its successors and assigns, the following (collectively, "**RIGHTS**");

1. All invention(s) and improvement(s) claimed or described in the **APPLICATION** (collectively, "**INVENTIONS**");

2. All rights, title and interests with respect to the **INVENTIONS**, including all U.S. or foreign patents or other governmental grants or issuances that may be granted with respect to the Inventions or from any direct or indirect divisional, continuation, continuation-in-part, or other patent application claiming priority rights from the **APPLICATION** ("**RELATED PATENTS**");

3. All reissues, reexaminations, extensions, or registrations of the **RELATED PATENTS**;

4. All non-United States patents, patent applications, and counterparts relating to any or all of the **INVENTIONS**, the **APPLICATION**, or the **RELATED PATENTS**, including, without limitation, certificates of invention, utility models, industrial design protection, design patent protection, and other governmental grants or issuances ("**FOREIGN RIGHTS**"), and including the right to file foreign applications directly in the name of **ASSIGNEE**, its successors and assigns;

5. The right to claim priority rights deriving from the **APPLICATION**;

6. All causes of action and remedies related to the **APPLICATION**, the **INVENTIONS**, the **RELATED PATENTS**, or the **FOREIGN RIGHTS**, including, without limitation, the right to sue for past, present or future infringement, misappropriation or violation of rights related to any of the foregoing and the right to collect royalties and other payments under or on account of any of the foregoing; and

7. Any and all other rights and interests arising out of, or in connection with, or in relation to the **APPLICATION**, the **INVENTIONS**, the **RELATED PATENTS**, or the **FOREIGN RIGHTS**.

AND I do hereby authorize and request the issuing authority to issue any and all of said United States and foreign patents on said **APPLICATION** or applications to the **ASSIGNEE**, its successors and assigns, as the assignees of the entire right, title and interest in and to the same, for the sole use and benefit of the **ASSIGNEE**, its successors and assigns.

AND I do hereby covenant and warrant that I have full right to convey the **RIGHTS** assigned herein free and clear of all licenses, encumbrances and liens whatsoever, and that I have not executed and will not execute any instruments in conflict herewith.

AND I, for the conditions aforesaid, do hereby covenant and agree to and with the ASSIGNEE, its successors and assigns, that I, my executors, administrators, or other personal representatives, shall and will do all lawful acts and things, make all rightful oaths, and make, execute, and deliver any and all other instruments in writing, and any and all further applications, papers, powers, affidavits, assignments, disclaimers and other documents, which in the opinion of counsel for the ASSIGNEE, its successors and assigns, may be required or necessary in this or in any foreign country more effectually to secure to and vest in the ASSIGNEE, its successors and assigns, the RIGHTS, benefits, privileges and advantages hereby sold, assigned, confirmed, transferred and conveyed.

The undersigned hereby grant(s) David P. Gordon, Esq., David S. Jacobson, Esq., Jay P. Sbröllini, Esq., and Christian Mannino, Esq. the power to insert on this Assignment any further identification of the application, or inventor(s), or any other information which may be necessary in order to comply with the rules of the U.S. Patent and Trademark Office or other foreign patent office for the recordation of this document and to correct any errors or defects herein.

**ASSIGNOR:**

IN WITNESS WHEREOF, Jean-Paul Aben has hereunto set his or her hands and seals this 20 day of January, 2020.

  
\_\_\_\_\_  
Jean-Paul Aben

**ATTESTATION**

The undersigned witnessed the signature of Jean-Paul Aben to this document and makes the following statements:

1. Jean-Paul Aben is personally known to me (or proved to me on the basis of satisfactory evidence) and appeared before me on January 20, 2020, to execute this document.
2. Jean-Paul Aben subscribed to this document.

I declare under penalty of perjury that the foregoing is true and correct.

By:  \_\_\_\_\_

Print Name: Chris Bowman

## ASSIGNMENT

WHEREAS, I, **Chris Bouwman**, the undersigned, as **ASSIGNOR** herein, am an inventor of certain inventions or improvements relating to

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5. The right to claim priority rights deriving from the **APPLICATION**;
6. All causes of action and remedies related to the **APPLICATION**, the **INVENTIONS**, the **RELATED PATENTS**, or the **FOREIGN RIGHTS**, including, without limitation, the right to sue for past, present or future infringement, misappropriation or violation of rights related to any of the foregoing and the right to collect royalties and other payments under or on account of any of the foregoing; and
7. Any and all other rights and interests arising out of, or in connection with, or in relation to the **APPLICATION**, the **INVENTIONS**, the **RELATED PATENTS**, or the **FOREIGN RIGHTS**.

AND I do hereby authorize and request the issuing authority to issue any and all of said United States and foreign patents on said **APPLICATION** or applications to the **ASSIGNEE**, its successors and assigns, as the assignees of the entire right, title and interest in and to the same, for the sole use and benefit of the **ASSIGNEE**, its successors and assigns.

AND I do hereby covenant and warrant that I have full right to convey the **RIGHTS** assigned herein free and clear of all licenses, encumbrances and liens whatsoever, and that I have not executed and will not execute any instruments in conflict herewith.

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The undersigned hereby grant(s) David P. Gordon, Esq., David S. Jacobson, Esq., Jay P. Sbröllini, Esq., and Christian Mannino, Esq. the power to insert on this Assignment any further identification of the application, or inventor(s), or any other information which may be necessary in order to comply with the rules of the U.S. Patent and Trademark Office or other foreign patent office for the recordation of this document and to correct any errors or defects herein.

**ASSIGNOR:**

IN WITNESS WHEREOF, Chris Bouwman has hereunto set his or her hands and seals this 20 day of January, 2020.

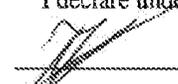
  
Chris Bouwman

**ATTESTATION**

The undersigned witnessed the signature of Chris Bouwman to this document and makes the following statements:

1. Chris Bouwman is personally known to me (or proved to me on the basis of satisfactory evidence) and appeared before me on January 20, 2020 to execute this document.
2. Chris Bouwman subscribed to this document.

I declare under penalty of perjury that the foregoing is true and correct.

By:  \_\_\_\_\_

Print Name: Jean - Paul Abin