# PATENT ASSIGNMENT COVER SHEET

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SUBMISSION TYPE:	NEW ASSIGNMENT
NATURE OF CONVEYANCE:	ASSIGNMENT

### **CONVEYING PARTY DATA**

Name	Execution Date
UMC UTRECHT HOLDING B.V.	06/29/2018

## **RECEIVING PARTY DATA**

Name:	PIE MEDICAL IMAGING B.V.
Street Address:	PHILIPSWEG 1
City:	NL 6227 AJ MAASTRICHT
State/Country:	NETHERLANDS

# **PROPERTY NUMBERS Total: 1**

Property Type	Number
Application Number:	16379248

### CORRESPONDENCE DATA

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ATTORNEY DOCKET NUMBER:	PIE-023 #2
NAME OF SUBMITTER:	JAY P. SBROLLINI
SIGNATURE:	/Jay P. Sbrollini/
DATE SIGNED:	04/16/2019

#### **Total Attachments: 5**

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**PATENT** REEL: 048897 FRAME: 0552 505430200

#### **ASSIGNMENT OF PATENT RIGHTS**

WHEREAS, UMC Utrecht Holding B.V., hereinafter referred to as the "ASSIGNOR," a company existing under the laws of The Netherlands, and having a corporate address at Yalelaan 40, 3584 CM Utrecht, The Netherlands, has acquired rights, title and interest to certain inventions as set forth in the patent applications listed in Schedule A, herein referred to as the "PATENT APPLICATIONS,"

AND WHEREAS, Pie Medical Imaging B.V., hereinafter referred to as the "ASSIGNEE," a company existing under the laws of The Netherlands, and having a corporate address at Philipsweg I, NL-6227 AJ Maastricht, The Netherlands, is desirous of acquiring or confirming its acquisition of all rights, title, and interests in and to the PATENT APPLICATIONS;

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 is hereby acknowledged, has sold, assigned, transferred, and conveyed, and by this assignment does sell, assign, transfer and convey, unto said ASSIGNEE, its successors and assigns, and ASSIGNEE, its successors and assigns accept the following (collectively, the "RIGHTS"):

- 1. All rights, title, and interest in and to the PATENT APPLICATIONS:
- All rights, title, and interest in and to all patent applications filed throughout the world (including any patent application filed in the United States) claiming priority rights from the PATENT APPLICATIONS (collectively, the "RELATED APPLICATIONS");
- All rights, title, and interest with respect to any direct or indirect divisional, continuation, continuation-in-part, reissue, reexamination or other patent application or patent claiming priority rights from the PATENT APPLICATIONS and/or the RELATED APPLICATIONS;
- The right to claim priority rights deriving from the PATENT APPLICATIONS and/or the RELATED APPLICATIONS;
- All rights, title, and interest in and to any inventions claimed or described in the PATENT APPLICATIONS and/or the RELATED APPLICATIONS, in any form or embodiment thereof (collectively, "the INVENTIONS");
- All rights, title, and interest in and to all patent applications or other governmental grants or issuances that may be granted throughout the world with respect to the INVENTIONS;
- 7. All causes of action and remedies related to any or all of the 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
- Any and all other rights and interests arising out of, or regarding, or in relation to the RIGHTS.

Furthermore, the ASSIGNOR does hereby agree to sign all documents and do such additional acts that are deemed necessary to perfect enjoyment of the RIGHTS, conduct proceedings regarding the RIGHTS (including any litigation or interference proceedings), or perfect or defend title to the RIGHTS, all without further compensation. The ASSIGNOR does hereby request the respective patent or government agency in each jurisdiction to issue any and all patents, certificates of invention, utility models, or other governmental grants or issuances that may be granted upon any of the RIGHTS in the name of the ASSIGNEE, as the assignee to the entire interest therein.

The terms and conditions of this Assignment will inure to the benefit of the ASSIGNEE, its successors, legal representatives, and assigns and will be binding upon the ASSIGNOR.

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Date: 24-06-2018 By: Oscar Schoots UMC Utrecht Holding B.V. (ASSIGNOR) Title: Director ATTESTATION The undersigned witnessed the signature of OSCLOCES as the legal representative of UMC Utrecht Holding B.V. to this document and makes the following statements: 1. O. Schools is personally known to me (or proved to me on the basis of satisfactory evidence) and appeared before me on 29-06- 2018, to execute this document. 2. \_\_\_\_\_ subscribed to this document. I declare under penalty of perjury that the foregoing is true and correct. [Remainder of page intentionally left blank; one or more signature pages may follow.]



By: René Guillaume

Pie Medical Imaging B.V. (ASSIGNEE)

Title: Managing Director

## ATTESTATION

1 1 11 · ·	
The undersigned witnessed the signature of <u>for for the sec</u> as the legal representative	e
of Pie Medical Imaging B.V. to this document and makes the following statements:	
is personally known to me (or proved to me on the basis of satisfactory evidence) and appeared before me on	
satisfaptGry evidence) and appeared before me on ZZZZ, 2018, to execute this document.	
2. <u>\\\\\\\\\\\\\\\\\\\\\\\\\\\\\\\\\\\\</u>	

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

Ву:

Print Noble: <u>Jean-Paul Aben</u>

[Remainder of page intentionally left blank; one or more signature pages may follow.]

### SCHEDULE A

- U.S. Provisional Patent Application No. 62/476,382, filed on March 24, 2017, entitled "Method and System for Assessing Vessel Obstruction Based on Machine Learning," Attorney Docket PIE-018PROV
- U.S. Patent Application No. 15/933,854, filed on March 23, 2018, entitled "Method and System for Assessing Vessel Obstruction Based on Machine Learning," Attorney Docket PIE-018
- International Patent Application No. PCT/IB2018/051985, filed on March 23, 2018, entitled "Method and System for Assessing Vessel Obstruction Based on Machine Learning," Attorney Docket PIE-018PCT
- U.S. Provisional Patent Application No. 62/656,066, filed on April 11, 2018, entitled "Automatic Coronary Artery Plaque and Stenosis Classification Using Recurrent Convolutional Neural Network in Coronary CT Angiography," Attorney Docket PIE-023PROV

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PATENT REEL: 048897 FRAME: 0557