

PATENT ASSIGNMENT COVER SHEET

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| SUBMISSION TYPE: | NEW ASSIGNMENT |
| NATURE OF CONVEYANCE: | ASSIGNMENT |
| CONVEYING PARTY DATA | |
| Name | Execution Date |
| RON SCHORMANS | 05/14/2018 |
| JEAN-PAUL ABEN | 05/14/2018 |
| DENNIS KOEHN | 05/14/2018 |
| RECEIVING PARTY DATA | |
| Name: | PIE MEDICAL IMAGING B.V. |
| Street Address: | PHILIPSWEG 1 |
| City: | 6227 AJ MAASTRICHT |
| State/Country: | NETHERLANDS |
| PROPERTY NUMBERS Total: 1 | |
| Property Type | Number |
| Application Number: | 15971275 |
| CORRESPONDENCE DATA | |
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| <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> | |
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| ATTORNEY DOCKET NUMBER: | PIE-019 |
| NAME OF SUBMITTER: | JAY P. SBROLLINI |
| SIGNATURE: | /Jay P. Sbrollini/ |
| DATE SIGNED: | 05/17/2018 |
| Total Attachments: 6 | |
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ASSIGNMENT

WHEREAS, I, **Ron Schormans**, hereinafter referred to as the "**ASSIGNOR**", a citizen of The Netherlands, whose post office address is St. Annalaan 5, 6147 CP Heerlen, The Netherlands, have invented certain new and useful improvements in

Method and Apparatus for Determining Blood Velocity in X-Ray Angiography Images

as described and set forth in an application for Letters Patent of the United States of America, filed on May 4, 2018, as serial number 15/971,275;

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 place of business at Philipsweg 1, 6227 AJ Maastricht, The Netherlands, is desirous of acquiring or confirming its acquisition of the entire right, title and interest in and to said invention, inventions or improvements, and in and to said application, and in and to any and all patents, both of the United States and of all foreign countries, that may be obtained therefor;

NOW, THEREFORE, TO ALL WHOM IT MAY CONCERN, BE IT KNOWN, that I, the **ASSIGNOR**, for good and valuable considerations, the receipt and sufficiency of which I hereby acknowledge, have sold, assigned, transferred and conveyed, and by this assignment do sell, assign, transfer and convey, unto the **ASSIGNEE**, its successors and assigns, the entire right, title and interest throughout the world, in and to my invention, inventions or improvements described or set forth in said application, in any form or embodiment thereof, and in and to said application, and in and to any provisional or non-provisional application of which said application claims the benefit, and in and to any applications filed in any foreign country based thereon, including the right to file foreign applications under the provisions of any convention or treaty; and in and to any confirmation, divisional, continuation, continuation-in-part, or substitute application or any other application which claims the benefit of said application which may be filed on said invention, inventions or improvements in the United States or in any foreign country; and in and to any and all patents, certificates, utility models, reissues, extensions, additions or confirmations thereof which may be granted in the United States or in any foreign country upon said invention, inventions or improvements, to have and to hold the same to the full end of the term or terms for which any and all such United States and foreign patents and grants may be issued on said invention, inventions or improvements.

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 assignee of the entire right, title and interest in and to the same, for the sole use and benefit of said **ASSIGNEE**, its successors and assigns.

AND I do hereby covenant and warrant that I have full right to convey the entire right, title and interest herein assigned 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.

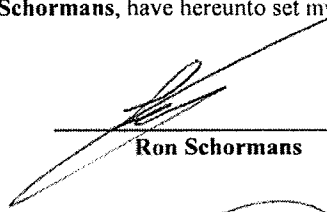
AND I, for the conditions aforesaid, do hereby covenant and agree to and with the **ASSIGNEE**, its successors and assigns, that I, my executors, administrators, or other personal representatives, shall and will do all lawful acts and things, make all rightful oaths, and make, execute, and deliver any 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 said **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 entire right, title and interest in and to said

invention, inventions, or improvements, application or applications, patents, rights, titles, benefits, privileges and advantages hereby sold, assigned, confirmed, transferred and conveyed.

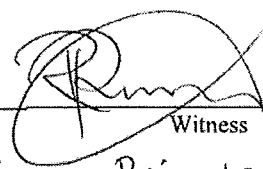
The undersigned hereby grant(s) David P. Gordon, Esq., David S. Jacobson, Esq., Jay P. Sbrollini, Esq. and Christian Mannino, Esq. the power to insert on this Assignment any further identification which may be necessary in order to comply with the rules of the U.S. Patent and Trademark Office for the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

ASSIGNOR(S):

IN WITNESS WHEREOF, I, **Ron Schormans**, have hereunto set my hand and seal
this 14 day of May, 2018.



Ron Schormans



Witness

Rianne Reinartz

Print Name

ASSIGNMENT

WHEREAS, I, **Jean-Paul Aben**, hereinafter referred to as the "**ASSIGNOR**", a citizen of The Netherlands, whose post office address is Provinciale weg 22, 6141 AB Limbricht, The Netherlands, have invented certain new and useful improvements in

Method and Apparatus for Determining Blood Velocity in X-Ray Angiography Images

as described and set forth in an application for Letters Patent of the United States of America, filed on May 4, 2018, as serial number 15/971,275;

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NOW, THEREFORE, TO ALL WHOM IT MAY CONCERN, BE IT KNOWN, that I, the **ASSIGNOR**, for good and valuable considerations, the receipt and sufficiency of which I hereby acknowledge, have sold, assigned, transferred and conveyed, and by this assignment do sell, assign, transfer and convey, unto the **ASSIGNEE**, its successors and assigns, the entire right, title and interest throughout the world, in and to my invention, inventions or improvements described or set forth in said application, in any form or embodiment thereof, and in and to said application, and in and to any provisional or non-provisional application of which said application claims the benefit, and in and to any applications filed in any foreign country based thereon, including the right to file foreign applications under the provisions of any convention or treaty; and in and to any confirmation, divisional, continuation, continuation-in-part, or substitute application or any other application which claims the benefit of said application which may be filed on said invention, inventions or improvements in the United States or in any foreign country; and in and to any and all patents, certificates, utility models, reissues, extensions, additions or confirmations thereof which may be granted in the United States or in any foreign country upon said invention, inventions or improvements, to have and to hold the same to the full end of the term or terms for which any and all such United States and foreign patents and grants may be issued on said invention, inventions or improvements.

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 assignee of the entire right, title and interest in and to the same, for the sole use and benefit of said **ASSIGNEE**, its successors and assigns.

AND I do hereby covenant and warrant that I have full right to convey the entire right, title and interest herein assigned 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 said **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 entire right, title and interest in and to said

invention, inventions, or improvements, application or applications, patents, rights, titles, 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 which may be necessary in order to comply with the rules of the U.S. Patent and Trademark Office for the recordation of this document and to correct any errors or defects herein.

ASSIGNOR(S):

IN WITNESS WHEREOF, I, **Jean-Paul Aben**, have hereunto set my hand and seal
this 14 day of May, 2018.



Jean-Paul Aben



Witness

Rianne Reinartz

Print Name

ASSIGNMENT

WHEREAS, I, **Dennis Koehn**, hereinafter referred to as the "**ASSIGNOR**", a citizen of The Netherlands, whose post office address is Davidbron 26, 6367 TJ Voerendaal, The Netherlands, have invented certain new and useful improvements in

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as described and set forth in an application for Letters Patent of the United States of America, filed on May 4, 2018, as serial number 15/971,275;

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IN WITNESS WHEREOF, I, **Dennis Koehn**, have hereunto set my hand and seal
this 14 day of May, 2018.



Dennis Koehn



Witness

Rianne Reinartz

Print Name