

PATENT ASSIGNMENT COVER SHEET

Electronic Version v1.1
Stylesheet Version v1.2

EPAS ID: PAT5919942

SUBMISSION TYPE:	NEW ASSIGNMENT
NATURE OF CONVEYANCE:	CONFIRMATORY ASSIGNMENT
CONVEYING PARTY DATA	
Name	Execution Date
THEO VAN WALSUM	12/19/2019
HUA MA	12/23/2019
RECEIVING PARTY DATA	
Name:	ERASMUS UNIVERSITY MEDICAL CENTER ROTTERDAM
Street Address:	DR. MOLEWATERPLEIN 50
City:	3015 GE ROTTERDAM
State/Country:	NETHERLANDS
PROPERTY NUMBERS Total: 1	
Property Type	Number
Application Number:	16739718
CORRESPONDENCE DATA	
Fax Number:	(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>	
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ATTORNEY DOCKET NUMBER:	PIE-025 #1
NAME OF SUBMITTER:	JAY P. SBROLLINI
SIGNATURE:	/Jay P. Sbrollini/
DATE SIGNED:	01/21/2020
Total Attachments: 4	
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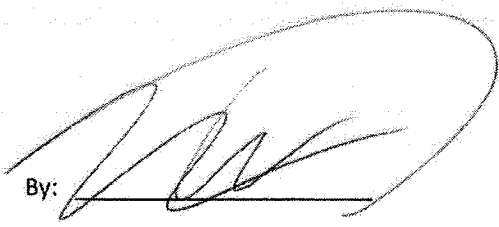
CONFIRMATORY ASSIGNMENT OF PATENT RIGHTS

For valuable consideration, the receipt and sufficiency of which is hereby acknowledged, I, **Theo van Walsum** ("**ASSIGNOR**"), whose residence address is Schapenhoeve 23, 3992 PL Houten, Netherlands, has assigned, and by these presents assigns, sells and transfers to **Erasmus University Medical Center Rotterdam** ("**ASSIGNEE**"), whose operating address is Dr. Molewaterplein 50, 3015 GE Rotterdam, the Netherlands, the full extent of all right, title, and interest in and to any and all of the following (collectively, "**RIGHTS**"):

1. The US Provisional Patent Application No. 62/791,286, entitled "Methods and Systems for Dynamic Coronary Roadmapping," filed on January 11, 2019 ("**APPLICATION**");
2. All inventions claimed or described in the **APPLICATION** (collectively, "**INVENTIONS**");
3. All rights 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**");
4. All reissues, reexaminations, extensions, or registrations of the **RELATED PATENTS**;
5. 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;
6. The right to claim priority rights deriving from the **APPLICATION**;
7. 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
8. 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**.

Furthermore, **ASSIGNOR** agrees 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. **ASSIGNOR** requests 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**.

By: 

Theo van Walsum

Assignor

ATTESTATION

The undersigned witnessed the signature of Theo van Walsum to this document and makes the following statements:

1. Theo van Walsum is personally known to me (or proved to me on the basis of satisfactory evidence) and appeared before me on Thursday 19 Dec 1965 to execute this document.
2. Theo van Walsum subscribed to this document.

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

By: 

Print Name: C.E.M. Gousens

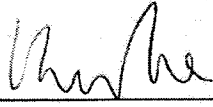
CONFIRMATORY ASSIGNMENT OF PATENT RIGHTS

For valuable consideration, the receipt and sufficiency of which is hereby acknowledged, I, **Hua Ma** ("**ASSIGNOR**"), whose residence address is Oosteinde 102B, 3061 SW Rotterdam, the Netherlands, has assigned, and by these presents does assign, sell, and transfer to **Erasmus University Medical Center Rotterdam** ("**ASSIGNEE**"), whose operating address is Dr. Molewaterplein 50, 3015 GE Rotterdam, the Netherlands, the full extent of all right, title, and interest in and to any and all of the following (collectively, "**RIGHTS**"):

1. The US Provisional Patent Application No. 62/791,286, entitled "Methods and Systems for Dynamic Coronary Roadmapping," filed on January 11, 2019 ("**APPLICATION**");
2. All inventions claimed or described in the **APPLICATION** (collectively, "**INVENTIONS**");
3. All rights 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**");
4. All reissues, reexaminations, extensions, or registrations of the **RELATED PATENTS**;
5. 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;
6. The right to claim priority rights deriving from the **APPLICATION**;
7. 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
8. 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**.

Furthermore, **ASSIGNOR** agrees 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. **ASSIGNOR** requests 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**.

By: 

Hua Ma


ASSIGNOR

ATTESTATION

The undersigned witnessed the signature of Hua Ma to this document and makes the following statements:

1. Hua Ma s personally known to me (or proved to me on the basis of satisfactory evidence) and appeared before me on 23. 12. 2019, _____, to execute this document.
2. Hua Ma subscribed to this document.

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

By: 

Print Name: Qiutan YANG