

PATENT ASSIGNMENT COVER SHEET

Electronic Version v1.1
 Stylesheet Version v1.2

EPAS ID: PAT6198415

SUBMISSION TYPE:	NEW ASSIGNMENT
NATURE OF CONVEYANCE:	ASSIGNMENT
CONVEYING PARTY DATA	
Name	Execution Date
IVANA ISGUM	04/25/2018
MAJD ZREIK	04/30/2018
RECEIVING PARTY DATA	
Name:	UMC UTRECHT HOLDING B.V.
Street Address:	YALELAAN 40
City:	UTRECHT
State/Country:	NETHERLANDS
Postal Code:	3584 CM
PROPERTY NUMBERS Total: 1	
Property Type	Number
Application Number:	16911323
CORRESPONDENCE DATA	
Fax Number:	(203)323-1803
<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>	
Email:	pto@gordonjacobson.com
Correspondent Name:	GORDON & JACOBSON, PC
Address Line 1:	60 LONG RIDGE ROAD
Address Line 2:	SUITE 407
Address Line 4:	STAMFORD, CONNECTICUT 06902
ATTORNEY DOCKET NUMBER:	PIE-023C1
NAME OF SUBMITTER:	JAY P. SBROLLINI
SIGNATURE:	/Jay P. Sbroilini/
DATE SIGNED:	07/14/2020
Total Attachments: 6	
source=Assign1-AsFiled-PIE-023PROV-Isgum,Zreik-UMC#page1.tif	
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source=Assign1-AsFiled-PIE-023PROV-Isgum,Zreik-UMC#page5.tif	

ASSIGNMENT

WHEREAS, I, **Ivana Isgum**, hereinafter referred to as the "**ASSIGNOR**", a citizen of The Netherlands, whose post office address is Ankermonde 20, 3434 GC Nieuwegein, The Netherlands, have invented along with co-inventor **Majd Zreik** certain new and useful improvements in

Automatic Coronary Artery Plaque and Stenosis Classification Using Recurrent Convolutional Neural Network in Coronary CT Angiography

filed by me on April 11, 2018 as serial number 62/656,066;

AND WHEREAS, **UMC Utrecht Holding B.V.**, hereinafter referred to as the "**ASSIGNEE**", a company existing under the laws of The Netherlands and having a place of business at Yalelaan 40, 3584 CM Utrecht, 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.

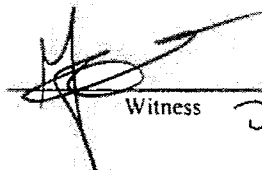
The undersigned hereby grant(s) David P. Gordon, Esq., David S. Jacobson, Esq., Jay P. Sbrollini, Esq. and Christian Mannino, Esq. the power to insert on this Assignment any further identification which may be necessary in order to comply with the rules of the U.S. Patent and Trademark Office for the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

ASSIGNOR(S):

IN WITNESS WHEREOF, I, Ivana Isgum, have hereunto set my hand and seal
this 25 day of April, 2018.


Ivana Isgum

BE IT KNOWN, that on this 25 day of April, 2018, personally appeared
Ivana Isgum, known to me (or satisfactorily proven) to be the individual described in and who
executed the foregoing assignment.


Witness J de Paris

PIE-023PROV

ACCEPTED BY THE ASSIGNEE:

Date: 30-04-2018

UMC Utrecht Holding B.V.

By: 

Print Name: O. Schoots

Title: Chief Executive Officer

ASSIGNMENT

WHEREAS, I, **Majd Zreik**, hereinafter referred to as the "**ASSIGNOR**", a citizen of Israel, whose post office address is Klifrakplantsoen 133, 3544 RD Utrecht, The Netherlands, have invented along with co-inventor **Ivana Isgum**, certain new and useful improvements in

Automatic Coronary Artery Plaque and Stenosis Classification Using Recurrent Convolutional Neural Network in Coronary CT Angiography

filed by me on April 11, 2018 as serial number 62/656,066,

AND WHEREAS, **UMC Utrecht Holding B.V.**, hereinafter referred to as the "**ASSIGNEE**", a company existing under the laws of The Netherlands and having a place of business at Yalelaan 40, 3584 CM Utrecht, 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.

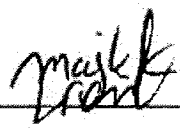
AND I, for the conditions aforesaid, do hereby covenant and agree to and with the **ASSIGNEE**, its successors and assigns, that I, my executors, administrators, or other personal representatives, shall and will do all lawful acts and things, make all rightful oaths, and make, execute, and deliver any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

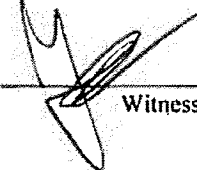
IN WITNESS WHEREOF, I, **Majd Zreik**, have hereunto set my hand and seal
this 30 day of April, 2018.



Majd Zreik

State of N/A)
County of N/A) ss:

BE IT KNOWN, that on this 30 day of April, 2018, personally appeared **Majd Zreik**, known to me (or satisfactorily proven) to be the individual described in and who executed the foregoing assignment.



Witness J. de Benin

PIE-023PROV

ACCEPTED BY THE ASSIGNEE:

Date: 30-04-2018

UMC Utrecht Holding B.V.

By: 

Print Name: O. Schoots

Title: Chief Executive Officer