PATENT ASSIGNMENT COVER SHEET

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SUBMISSION TYPE:	CORRECTIVE ASSIGNMENT
NATURE OF CONVEYANCE:	Corrective Assignment to correct the FILING DATE PRINTED FOR USSN 14/384,547 ON PAGE 1 OF ASSIGNMENT DOCUMENT previously recorded on Reel 051847 Frame 0143. Assignor(s) hereby confirms the ASSIGNMENT.

CONVEYING PARTY DATA

Name	Execution Date
SIEMENS PROGRAM AND SYSTEM ENGINEERING S.R.L.	02/14/2020

RECEIVING PARTY DATA

Name:	SIEMENS CORPORATION
Street Address:	170 WOOD AVENUE SOUTH
City:	ISELIN
State/Country:	NEW JERSEY
Postal Code:	08830

PROPERTY NUMBERS Total: 2

Property Type	Number
Application Number:	14384547
Application Number:	61611210

CORRESPONDENCE DATA

Fax Number: (407)243-0554

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.

Phone: 4077362472

Email: elizabeth.patla@siemens-healthineers.com

Correspondent Name: SANDRA BAKER

Address Line 1: 3501 QUADRANGLE BLVD., SUITE 230

Address Line 2: SIEMENS CORPORATION, IP DEPARTMENT

Address Line 4: ORLANDO, FLORIDA 32817

ATTORNEY DOCKET NUMBER:	2012P06278WOUS
NAME OF SUBMITTER:	ELIZABETH PATLA
SIGNATURE:	/Elizabeth Patla/
DATE SIGNED:	02/27/2020

Total Attachments: 4

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> PATENT REEL: 052028 FRAME: 0827

Docket No.: 2012P06278WOUS

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ASSIGNMENT OF RIGHTS Company to Company

WHEREAS, Siemens Program and System Engineering S.R.L. (Hereafter "Assignor") and Siemens Corporation (Hereafter "Assignee") (individually referred to as "Party" and collectively as "Parties")

Hereby, (I)(A) acknowledge they have entered into certain agreements (hereinafter referred to as "the Agreements") which set forth certain rights, limitations and obligations regarding inventions developed by or among Parties, and/or Intellectual Property owned by one or both of the Parties and the Parties agree that the terms of the Agreements apply to any and all inventions; or

(B)(i) Agree to the extent such Agreement(s) or similar legal document(s) failed or fails, in whole or part, to have assigned, sold or transferred the entire right (including priority rights), title and interest, in and for the United States and all foreign countries, in and to all inventions which are disclosed in an invention disclosure and/or in the below-identified application or application already filed for Letters Patent, or (ii) if no such agreement(s) exist assigning, selling or transferring any such right (including priority rights), title or interest; then for good and valuable consideration, Assignor now and hereby, effective Nunc Pro Tunc on the filing date of the below identified patent application(s), pending patent application(s) or granted Letter Patent(s), assigns, sell and transfers to Assignee, its successors, assigns and legal representatives, the entire right, (including all priority rights), title and interest in and for the United States and all foreign countries, in and to any and all inventions and improvements which are disclosed in the following identified; patent application(s), pending patent application(s) or granted Letter Patent(s) which are disclosed in the application for Letters Patent or granted patent, entitled:

Patent Application Title: FRAMEWORK FOR PERSONALIZATION OF CORONARY FLOW COMPUTATIONS DURING REST AND HYPEREMIA

Filing Date: 13 Mar 2013 11 Sep 2014

Filing Number: 14/384,547

Internal Case Number(s): 2012P06278WOUS

Patent Application Title: Feedback Control Framework for Personalization of

Coronary Flow Simulations During Rest and Hyperemia

Filing Date: **15 Mar 2012** Filing Number: **61/611,210**

Internal Case Number(s): 2012P06278US

and in and to said application or granted patents and all applications claiming priority to said application or granted patent, including, without limitation, and all divisional, continuing, substitute, renewal, reissue, and all other applications for Letters Patent which have been or shall be filed in the United States and all foreign countries on any of the inventions or improvements; and in and to all original and reissued patents which have been or shall be filed in the United States and all foreign countries on the inventions or improvements;

(II) Agree that the Assignee may apply for and receive Letters Patent for said improvements in its own name; and that, when requested, without charge to but at the expense of said Assignee, its successors, assigns and legal representatives, to carry out in good faith the intent and purpose of this assignment, the undersigned will execute all divisional, continuing, substitute, renewal, reissue, and all other patent applications on any and all the inventions or improvements; execute all rightful oaths, assignments, powers of attorney and other papers; communicate to said Assignee, its successors, assigns, and legal representatives, all facts known to the undersigned relating to the inventions or improvements and the history thereof; and generally do everything possible which said

IDNR: 1931 / 09.11.2015

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Assignee, its successors, assigns or legal representatives shall consider desirable for aiding in securing and maintaining proper patent protection for the inventions or improvements and for vesting title to the inventions or improvements and all applications for patents and all patents on the inventions or improvements, in said Assignee, its successors, assigns and legal representatives; and

(III) Covenant with said Assignee, its successors, assigns and legal representatives that no assignment, grant, mortgage, license or other agreement affecting the rights and property

herein conveyed has been made to others by the undersigned, and that full right to convey the same as herein expressed is possessed by the undersigned.

The Parties acknowledge and agree that the inventor(s) may have previously assigned its rights (including all and any priority rights) in one or more above-referenced applications for Letters Patents directly to a Party as directed by the other Party, consistent with the Agreements. Any such directed assignment shall remain in full force and effect and shall take precedence over this Assignment to the extent any conflict exists.

Siemens Prog	gram and System Engineering S.I	R.L.		
Signature(s)		ndania		
Name(s)	CONTHUTYU 3UCIU	ILINUA BUCHROA	_	
Title	HEAD OF CT ROMAVIA	connigree//L tight	_612	CT ROTHWIT
Date	14.02.2020	19.02.2020	_	
Siemens Corp Signature(s) Name(s) Title	Daniel J. Staudt Vice President			
Date	February 18, 2020			



United States Patent and Trademark Office





Electronic Patent Assignment System

Confirmation Receipt

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PATENT ASSIGNMENT COVER SHEET

Electronic Version v1.1 Stylesheet Version v1.2

SUBMISSION TYPE:	NEW ASSIGNMENT
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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. Correspondent Name: SANDRA BAKER Address Line 1: 3501 QUADRANGLE BLVD., SUITE 230 Address Line 2: SIEMENS CORPORATION, IP DEPARTMENT Address Line 4: ORLANDO, FLORIDA 32817 ATTORNEY DOCKET 2012P06728WOUS **NUMBER:** NAME OF SUBMITTER: **ELIZABETH PATLA** Signature: /Elizabeth Patla/ Date: 02/18/2020 Total Attachments: 2 source=2012P06278WOUS SRL to SC#page1.tif source=2012P06278WOUS SRL to SC#page2.tif RECEIPT INFORMATION

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