505356831 03/04/2019

PATENT ASSIGNMENT COVER SHEET

Electronic Version v1.1 Stylesheet Version v1.2 EPAS ID: PAT5403619

SUBMISSION TYPE:	NEW ASSIGNMENT
NATURE OF CONVEYANCE:	ASSIGNMENT

CONVEYING PARTY DATA

Name	Execution Date
SIEMENS CORPORATION	11/10/2016

RECEIVING PARTY DATA

Name:	SIEMENS AKTIENGESELLSCHAFT	
Street Address:	WITTELSBACHERPLATZ 2	
City:	MUNICH	
State/Country:	GERMANY	
Postal Code:	80333	

PROPERTY NUMBERS Total: 1

Property Type	Number
Application Number:	16291825

CORRESPONDENCE DATA

Fax Number: (609)734-3570

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: ipdsms@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:	2013P21401US05
NAME OF SUBMITTER:	ELIZABETH PATLA
SIGNATURE:	/Elizabeth Patla/
DATE SIGNED:	03/04/2019

Total Attachments: 2

source=201321401_SC to SAG epas#page1.tif source=201321401 SC to SAG epas#page2.tif

> **PATENT REEL: 048496 FRAME: 0488** 505356831

Docket No.: 2013P21401US01

Page 1 of 2

ASSIGNMENT OF RIGHTS Company to Company

WHEREAS, Siemens Corporation (Hereafter "Assignor") and Siemens Aktiengesellschaft (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:Machine Learning Based Method for Fractional Flow Reserve Assessment

Filing Date: 17 Oct 2013
Filing Number: 61/891,920

Internal Case Number(s): 2013P21401 US

Patent Application Title: Method and System for Machine Learning Based Assessment of Fractional Flow Reserve

Filing Date: 16 Oct 2014 Filing Number: 14/516,163

Internal Case Number(s): 2013P21401 US01

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

IDNR: 1931 / 09.11.2015

Docket No.: **2013P21401US01** Page 2 of 2

improvements and the history thereof; and generally do everything possible which said 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 Corp	ioration () / /	A.
Signature(s)		7
Name(s)	Daniel J. Staudt	
Title	Vice President	
Date	November 10, 2016	
Siemens Aktiengesellschaft		
Signature(s)	<u> </u>	iv for
Name(s)	Rubik	Zirkel
Title	both authorized officers	
Date	November 10, 2016	

PATENT REEL: 048496 FRAME: 0490