PATENT ASSIGNMENT COVER SHEET

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NATURE OF CONVEYANCE: Corrective Assignment to correct the ASSIGNOR: SIEMENS AKTIENGELSELLSCHAFT previously recorded on Reel 045934 Frame 0505. Assignor(s) hereby confirms the ASSIGNOR: SIEMENS	SUBMISSION TYPE:	CORRECTIVE ASSIGNMENT	
AKTILINGLOCITAL 1.		AKTIENGELSELLSCHAFT previously recorded on Reel 045934 Frame	

CONVEYING PARTY DATA

Name	Execution Date
SIEMENS AKTIENGESELLSCHAFT	04/23/2018

RECEIVING PARTY DATA

Name:	SIEMENS HEALTHCARE GMBH	
Street Address:	HENKESTR. 127	
City:	ERLANGEN	
State/Country:	GERMANY	
Postal Code:	91052	

PROPERTY NUMBERS Total: 1

Property Type	Number
Application Number:	15928197

CORRESPONDENCE DATA

Fax Number: (703)668-8200

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: 7036688000

Email: dcmailroom@hdp.com

HARNESS, DICKEY & PIERCE, P.L.C. **Correspondent Name:**

Address Line 1: P.O. BOX 8910

Address Line 4: RESTON, VIRGINIA 20195

ATTORNEY DOCKET NUMBER:	32860HC-002811-US
NAME OF SUBMITTER:	DONALD J DALEY, REG. NO. 34,313
SIGNATURE:	/Donald J. Daley/
DATE SIGNED:	06/28/2018

Total Attachments: 5

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PATENT ASSIGNMENT COVER SHEET

Electronic Version v1.1 Stylesheet Version v1.2

SUBMISSION TY	YPE: NEW ASSIGNMENT			
NATURE OF CONVEYANCE: ASSIGNMENT		ASSIGNMENT		
CONVEYING PA	RTY DATA			
	N	ame	Execution Date	
SIEMENS AKTIENGELSELLSCHAFT		04/23/2018		
RECEIVING PAF	RTY DATA	LTHCARE GMBH		
RECEIVING PAR	RTY DATA	LTHCARE GMBH		
RECEIVING PAR	RTY DATA	LTHCARE GMBH		
RECEIVING PAR Name: Street Address:	SIEMENS HEA	LTHCARE GMBH		

PROPERTY NUMBERS: Total: 1

Property Type	Number	***************************************
Application Number:	15928197	

CORRESPONDENCE DATA

Fax Number:

(703)668-8200

Phone:

7036688000

PATENT 5/30/2018

REEL: 046453 FRAME: 0085

Email: dcmailroom@hdp.com 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: HARNESS, DICKEY & PIERCE, P.L.C. Address Line 1: P.O. BOX 8910 Address Line 4: RESTON, VIRGINIA 20195 ATTORNEY DOCKET 32860HC-002811-US NUMBER: NAME OF SUBMITTER: DONALD J DALEY, REG. NO. 34,313 Signature: /Donald J. Daley/ Date: 05/30/2018 **Total Attachments: 2** source=20180530ASSIGN#page1.tif source=20180530ASSIGN#page2.tif RECEIPT INFORMATION **EPAS ID:** PAT4982948 Receipt Date: 05/30/2018

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PATENT 5/30/2018

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Docket No.: 2017P06051 US

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ASSIGNMENT OF RIGHTS Company to Company

WHEREAS, Siemens Aktiengesellschaft (Hereafter "Assignor") and Siemens Healthcare GmbH (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: METHOD FOR PERFORMING AN ANGIOGRAPHIC MEASUREMENT AND CREATING AN ANGIOGRAM

Filing Date: 22 Mar 2018 Filing Number: 15/928,197

Internal Case Number(s): 2017P06051 US

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 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

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(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 Aktier	ngesellschaft,		
Signature(s)	1.V./W	la il for	
Name(s)	Laske/	Zirkel	
Title	Both Authorized Officers		
Date _	2 3 APR 2018		
Siemens Health	ncare GmbH		
Signature(s)	1.b. Plan	1.V. lube/	
Name(s) _	Niewalda	Wolfram	
Title	Both Authorized Officers		
Date	'O 2 MAY 2018		

PATENT REEL: 046453 FRAME: 0088