PATENT ASSIGNMENT COVER SHEET

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SUBMISSION TYPE:	NEW ASSIGNMENT
NATURE OF CONVEYANCE:	ASSIGNMENT

CONVEYING PARTY DATA

Name	Execution Date
NICHOLAS PAUL ALEY	02/02/2017
NEIL JOHN BELTON	02/08/2017
MARTIN HOWARD HEMPSTEAD	02/07/2017
MARCEL KRUIP	02/07/2017
PATRICK WILLIAM RETZ	02/06/2017

RECEIVING PARTY DATA

Name:	SIEMENS HEALTHCARE LIMITED
Street Address:	FARADAY HOUSE
Internal Address:	SIR WILLIAM SIEMENS SQUARE
City:	FRIMLEY, CAMBERLEY
State/Country:	GREAT BRITAIN
Postal Code:	GU16 8 QD

PROPERTY NUMBERS Total: 1

Property Type	Number
Application Number:	15510300

CORRESPONDENCE DATA

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ATTORNEY DOCKET NUMBER:	P17,0015 (26965-5539)	
NAME OF SUBMITTER:	MARY ELLEN QUIGLEY	
SIGNATURE:	/Mary Ellen Quigley/	
DATE SIGNED:	03/10/2017	

Total Attachments: 3

PATENT REEL: 041536 FRAME: 0981

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> PATENT REEL: 041536 FRAME: 0982

Docket No.: 2013P23920WOUS

Page 1 of 3

ASSIGNMENT

For good and valuable consideration, I (We),

Nicholas Aley, residing at Friedrich Bauer Straße 1, Erlangen, 91058, DE, citizen of GB Neil John Belton, residing at 150 Brasenose Road, Didcot, Oxon, OX11 7BS, GB, citizen of GB Martin Howard Hempstead, residing at 47 Manor Road, Ducklington, OX29 7YD, GB, citizen of GB

Marcel Kruip, residing at 4 Kineton Road, Oxford, OX1 4PG, GB, citizen of NL Patrick William Retz, residing at 60A Park Road, North Leigh, Witney,, OX29 6RX, GB, citizen of GB

hereafter Individually or collectively referred to as "Assignor(s)";

Hereby, (I) acknowledge having previously assigned, sold and transferred to Siemens Healthcare Limited, a corporation organized and existing under the laws of UNITED KINGDOM, having its principal place of business at Faraday House, Sir William Siemens Square, Frimley, Camberley, GU16 8QD, hereinatter "Assignee", its successors, assigns and legal representatives, or to a predecessor of Assignee, pursuant to (A)(I) the laws of UNITED KINGDOM or (II) a Patent & Secrecy Agreement or similar legal document such as, without limitation, an employee agreement executed at the time of entering into the employment of, or executed as a condition of continuing employment with, the Assignee or a predecessor of the Assignee, the entire right, including any and all priority rights, title and interest, in and for the United States and all foreign countries, in and to any and all inventions or improvements which are disclosed in an invention disclosure and/or in the below-identified documents currently filed with this Assignment, already filed or granted for Letters Patent (in which case, any provision of the subject Assignment that is in confilct with or is in addition to any provision in the prior agreement(s) or assignment(s) then this Assignment shall govern, take precedence, and be of legal effect), or

(B)(i) to the extent such laws of UNITED KINGDOM or such Patent & Secrecy Agreement or similar legal document 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 or improvements which are disclosed in the below-identified application(s) or pending application(s) or granted 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(s) 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), assign, sell and transfer(s) 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/or improvements which are disclosed in the following identified; patent application(s), pending patent application(s) or granted Letter Patent(s)

Patent Application Title: Combined Shim and Bore Cooling Assembly

Filing Date: 09 Sep 2015

Filing Number: PCT/EP2015/070558

Internal Case Number(s): 2013P23920WOUS

IDNR: 1930 / 21.05.2015

Docket No.: 2013P23920WOUS
Page 2 of 3

and in and to said application(s) 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 filled in the United States and all foreign countries on any of the inventions and/or improvements; and in and to all original and reissued patents which have been or shall be filled in the United States and all foreign countries on the inventions and/or improvements;

- (II) Agree that said Assignee may apply for and receive Letters Patent for said inventions and/or 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 said inventions and/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 said inventions and/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 said inventions and/or improvements and all applications for patents and all patents on said inventions and/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.

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Witness Signature	Nicholas Paul Aley
Mang Wang printed name	Nicholas Paul Aley 17 currents 2/2/2016 Date
Witness Signature	Nell John Belton
MARYERAS	8.2.20.7
printed name	Date
Witness Signature	Martin Howard Hempstead
MARY COVES.	7.2.207 Date

Docket No.: 2013P23920WOUS Page 3 of 3

Witness Signature SLADE printed name Witness Signature Patrick William Retz Sebistions Giamell printed name

Siemens Healthcare Limited

Signature(s)

Name(s) Clive Harry French (as attorney for Stemens Healthcare Limited)

Title: Senior IP Counsel GB

Mario Bitter (as altomey for Siemens Healthcare Limited)

Lead IP Counsel

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