503863847 06/09/2016

# PATENT ASSIGNMENT COVER SHEET

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SUBMISSION TYPE:	NEW ASSIGNMENT
NATURE OF CONVEYANCE:	ASSIGNMENT

## **CONVEYING PARTY DATA**

Name	Execution Date
JAMES L. CORBEIL	03/03/2016
HUBERTUS FISCHER	02/19/2016
RONALD GRAZIOSO	03/03/2016
ROBERT E. NUTT	02/16/2016
RONALD NUTT	02/15/2016
WOLFGANG RENZ	02/17/2016
BERND PICHLER	06/06/2016
MARKUS VESTER	03/04/2016
GUNTER SCHNUR	03/09/2016
MATTHIAS J SCHMAND	03/03/2016
NAN ZHANG	03/03/2016
RALF LADEBECK	03/07/2016

## **RECEIVING PARTY DATA**

Name:	Siemens Medical Solutions USA, Inc.	
Street Address:	51 Valley Stream Parkway	
City:	Malvern	
State/Country:	PENNSYLVANIA	
Postal Code:	19355-1406	

## **PROPERTY NUMBERS Total: 1**

Property Type	Number
Application Number:	14805573

## **CORRESPONDENCE DATA**

(407)243-3175 Fax Number:

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.

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Email: IPDadmin.us@siemens.com

**Correspondent Name:** SANDRA BAKER

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Address Line 2: SIEMENS CORPORATION, IP DEPARTMENT

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PATENT

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Address Line 4: ORLANDO, FLORIDA 32817	
ATTORNEY DOCKET NUMBER:	2004P88084US03
NAME OF SUBMITTER:	LINDA DONNELLY
SIGNATURE:	/LINDA DONNELLY/
DATE SIGNED:	06/09/2016
Total Attachments: 12	
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#### ASSIGNMENT

For good and valuable consideration, I (We),

James L. Corbeil, residing at 700 Dawson Creek Lane, Knoxville, TN 37922, US, citizen of US Hubertus Fischer, residing at Zweidlerweg 12, Bamberg, 96050, DE, citizen of DE Ronald Grazioso, residing at 1230 Armstrong Avenue, Knoxville, TN 37917, US, citizen of US Raif Ladebeck, residing at Grazer Str. 2, Erlangen, 91052, DE, citizen of DE Robert E. Nutt, residing at 1100 April Drive, Knoxville, TN 37919, US, citizen of US Ronald Nutt, residing at 11130 Kingston Pike, Suite 1-409, Knoxville, TN 37934, US, citizen of US

Bernd J. Pichler, residing at Albrecht Ring 10, Scheyern, 85298, DE, citizen of DE Wolfgang Renz, residing at Konrad-Zuse-Str. 23, Erlangen, 91052, DE, citizen of DE Matthias J. Schmand, residing at 2465 Parris Dr., Lenoir City, TN 37772, US, citizen of DE Günter Schnur, residing at Hundert Beete 11c, Hemhofen, 91334, DE, citizen of DE Markus Vester, residing at Hans-Fallada-Str. 59, Nürnberg, 90471, DE, citizen of DE Nan Zhang, residing at 821 Lourdes Lane, Knoxville, TN 37934, US, citizen of CA

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

Hereby, (I) acknowledge having previously assigned, sold and transferred to **Siemens Medical Solutions USA**, **Inc.**, a corporation organized and existing under the laws of DELAWARE, having its principal place of business at 51 Valley Stream Parkway, Malvern, PA, 19355-1406, hereinafter "Assignee", its successors, assigns and legal representatives, or to a predecessor of Assignee, pursuant to (A)(i) the laws of UNITED STATES OF AMERICA 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 conflict 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 STATES OF AMERICA 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

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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 PET/MR IMAGING SYSTEM AND APD-BASED PET DETECTOR FOR USE IN SIMULTANEOUS PET/MR IMAGING

Filing Date: 07/22/2015 Filing Number: 14/805,573

Internal Case Number(s): 2004P88084 US03

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 filed 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 filed 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 alding 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.

Witness Signature	James L. Corbell
HOLLI WILLIAMS printed name	3/3/2016 Date
Witness Signature	Hubertus Fischer
printed name	Date

Docket No.: 2004P88084 US03 Page 2 of 4

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)

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(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.

Witness Signature	James L, Corbell
printed name	Date
Mathyllumedein Witness Signature	Hubertus Fischer
Martin Hemmerlein	19-76-2016 Date

Docket No.: 2004P88084 US03 Page 3 of 4

Witness Signature	Ronald Grazioso
Witness Signature Holli William S printed name	3/3/16 Date
Witness Signature	Ralf Ladebeck
printed name	Date
Witness Signature	Robert E. Nutt
printed name	Date
Witness Signature	Ronald Nutt
printed name	Date
Witness Signature	Bernd J. Pichler
printed name	Date
Witness Signature	Wolfgang Renz
printed name	Date

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Witness Signature	Ronald Grazioso	
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Renate Ditting Witness Signature Renate Vitrich 07.03.2016 printed name	Ralf Ladebeck  7 - Mar - 2016  Date	
Witness Signature	Robert E. Nutt	
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Witness Signature	Ronald Nutt	
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Witness Signature	Bernd J. Pichler	
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Witness Signature	Wolfgang Renz	
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Witness Signature	Ronald Grazioso
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Witness Signature	Ralf Ladebeck
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Witness Signature	Ronald Nutt
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Witness Signature	Bernd J. Pichler
printed name	Date
Witness Signature	Wolfgang Renz
printed name	Date

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Witness Signature	Ronald Grazioso
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Witness Signature	Wolfgang Renz
printed name	Date

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Witness Signature	Ronald Grazioso
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Witness Signature	Ralf Ladebeck
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Witness Signature	Ronald Nutt
printed name	Date
Witness Signature	Bernd J. Pichler
printed name	Date
Witness Signature	Wolfgang Rept
MARKUS ADRIANY printed name	17-Feb-2016 Date

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Witness Signature	Ronald Grazioso	
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Ines Wickerlsheim printed name	Bernd J. Pichler  June - 6 - 2016  Pate	
Witness Signature	Wolfgang Renz	
printed name	Date	

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Witness Signature	Günter Schnur	
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Witness Signature	Markus Vester	
CARIN LINE-RE,F	14ar 4th 2016	
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Witness Signature	Nan Zhang	
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Witness Signature	Matthias J. Schmand
printed name	Date
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Witness Signature	Günter Schnur
weissunbergy printed name	Date gth, 2016
Witness Signature	Markus Vester
printed name	Date
Witness Signature	Nan Zhang
printed name	Date
Companies Representative(s) Siemens Medical Solutions USA, Inc.	
Signature(s):	
Name(s): Peter Kendall	
Title: <u>IP Counsel</u>	
Date:	·

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Wh' Welian Witness Signature	Matthias J. Schmand
Holli WilliamS printed name	<u>Date</u>
Witness Signature	Günter Schnur
printed name	Date
Witness Signature	Markus Vester
printed name	Date
Witness Signature	Menglicery Nan Zhang
Holli Willam 5 printed name	Mar 3, 2016 Date
Companies Representative(s) Siemens Medical Solutions USA, Inc	·
Signature(s):	
Name(s): Peter Kendall  Title: IP Counsel	
Date: $\frac{\sqrt{9}/900}$	<u>Co</u>

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**RECORDED: 06/09/2016**