

## PATENT ASSIGNMENT COVER SHEET

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 Stylesheet Version v1.2

EPAS ID: PAT2679931

SUBMISSION TYPE:	NEW ASSIGNMENT										
NATURE OF CONVEYANCE:	ASSIGNMENT										
CONVEYING PARTY DATA											
<table border="1"> <thead> <tr> <th>Name</th> <th>Execution Date</th> </tr> </thead> <tbody> <tr> <td>HAROLD JAMES WADE</td> <td>11/15/2013</td> </tr> <tr> <td>HONGXUAN ZHANG</td> <td>11/15/2013</td> </tr> <tr> <td>ANTHONY LAWRENCE</td> <td>11/15/2013</td> </tr> </tbody> </table>		Name	Execution Date	HAROLD JAMES WADE	11/15/2013	HONGXUAN ZHANG	11/15/2013	ANTHONY LAWRENCE	11/15/2013		
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RECEIVING PARTY DATA											
<table border="1"> <tr> <td>Name:</td> <td>Siemens Medical Solutions USA, Inc.</td> </tr> <tr> <td>Street Address:</td> <td>51 Valley Stream Parkway</td> </tr> <tr> <td>City:</td> <td>Malvern</td> </tr> <tr> <td>State/Country:</td> <td>PENNSYLVANIA</td> </tr> <tr> <td>Postal Code:</td> <td>19355</td> </tr> </table>		Name:	Siemens Medical Solutions USA, Inc.	Street Address:	51 Valley Stream Parkway	City:	Malvern	State/Country:	PENNSYLVANIA	Postal Code:	19355
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PROPERTY NUMBERS Total: 1											
<table border="1"> <thead> <tr> <th>Property Type</th> <th>Number</th> </tr> </thead> <tbody> <tr> <td>Application Number:</td> <td>14083480</td> </tr> </tbody> </table>		Property Type	Number	Application Number:	14083480						
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CORRESPONDENCE DATA											
<p>Fax Number: (732)321-3014          Phone: 610-219-5819          Email: IPDadmin.us@siemens.com  <i>Correspondence will be sent via US Mail when the email attempt is unsuccessful.</i>          Correspondent Name: BRENNAN K BRADLEY          Address Line 1: 170 WOOD AVENUE SOUTH          Address Line 4: ISELIN, NEW JERSEY 08830</p>											
ATTORNEY DOCKET NUMBER:	2012P27480US01										
NAME OF SUBMITTER:	DENISE MORGAN										
Signature:	/Denise Morgan/										
Date:	01/14/2014										
<p>Total Attachments: 3          source=executed_assignment#page1.tif          source=executed_assignment#page2.tif          source=executed_assignment#page3.tif</p>											

PATENT

## ASSIGNMENT

For good and valuable consideration, I (We),

**Harold James Wade**, residing at 1126 South Weldon Road, Rockford, IL 61102, US, citizen of US

**Hongxuan Zhang**, residing at 1074 S. Parkside Drive, Palatine, IL 60067, US, citizen of US

**Anthony Lawrence**, residing at 4851 Tarrington Dr., Hoffman Estates, IL 60010, US, citizen of IN

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 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: **System and Method To Calculate Cardiac Characteristics**  
Filed Herewith  
Filing Number: TBA  
Internal Case Number(s): 2012P27480 US01


Patent Application Title: **System for Calculated Cardiac Characteristic based Medical Condition Diagnosis**  
Filing Date (MM/DD/YYYY): 11/29/2012  
Filing Number: 61/731,018  
Internal Case Number(s): 2012P27480US

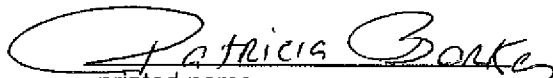
and in and to said application(s) or granted patents and all applications claiming priority to said application or granted patent, including, without limitation, and all divisional, continuing, substitute, renewal, reissue, and all other applications for Letters Patent which have been or shall be filed 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;

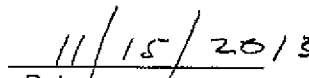
(II) Agree that said Assignee may apply for and receive Letters Patent for said inventions and/or improvements in its own name; and that, when requested, without charge to but at the expense of said Assignee, its successors, assigns and legal representatives, to carry out in good faith the intent and 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 aiding in securing and maintaining proper patent protection for said inventions and/or improvements and for vesting title to 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

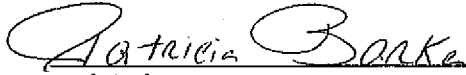
  
Harold James Wade

  
printed name

  
Date

  
Witness Signature

  
Hongxuan Zhang

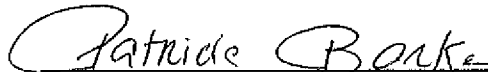
  
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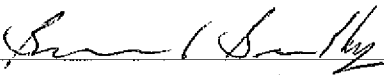
  
Anthony Lawrence

  
printed name

2013-11-15  
Date

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Companies Representative(s)  
Siemens Medical Solutions USA, Inc.

Signature 

Name  
Brennan K. Bradley, IP Counsel

Date  
1/10/2014