

PATENT ASSIGNMENT

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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>Mingqing Chen</td> <td>02/08/2012</td> </tr> <tr> <td>Yefeng Zheng</td> <td>02/01/2012</td> </tr> <tr> <td>Gareth Funka-Lea</td> <td>02/01/2012</td> </tr> <tr> <td>Dorin Comaniciu</td> <td>02/01/2012</td> </tr> </tbody> </table>		Name	Execution Date	Mingqing Chen	02/08/2012	Yefeng Zheng	02/01/2012	Gareth Funka-Lea	02/01/2012	Dorin Comaniciu	02/01/2012
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RECEIVING PARTY DATA											
<table border="1"> <tr> <td>Name:</td> <td>Siemens Corporation</td> </tr> <tr> <td>Street Address:</td> <td>170 Wood Avenue South</td> </tr> <tr> <td>City:</td> <td>Iselin</td> </tr> <tr> <td>State/Country:</td> <td>NEW JERSEY</td> </tr> <tr> <td>Postal Code:</td> <td>08830</td> </tr> </table>		Name:	Siemens Corporation	Street Address:	170 Wood Avenue South	City:	Iselin	State/Country:	NEW JERSEY	Postal Code:	08830
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<table border="1"> <thead> <tr> <th>Property Type</th> <th>Number</th> </tr> </thead> <tbody> <tr> <td>Application Number:</td> <td>13346818</td> </tr> </tbody> </table>		Property Type	Number	Application Number:	13346818						
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CORRESPONDENCE DATA											
<p>Fax Number: (732)321-3014 Phone: 7323213026 Email: karen.avant@siemens.com <i>Correspondence will be sent to the e-mail address first; if that is unsuccessful, it will be sent via US Mail.</i></p> <p>Correspondent Name: Sandra Baker Address Line 1: 170 Wood Avenue South Address Line 2: Intellectual Property Department Address Line 4: Iselin, NEW JERSEY 08830</p>											
ATTORNEY DOCKET NUMBER:	2011P01063US01										
NAME OF SUBMITTER:	Karen Avant										
<p>Total Attachments: 3 source=Corp Assignment#page1.tif source=Corp Assignment#page2.tif source=Corp Assignment#page3.tif</p>											

CH \$40.00 13346818

ASSIGNMENT

We, *Mingqing Chen*, residing at 513 Hawkeye Drive, Iowa City, IA 52246, a citizen of CN; *Yefeng Zheng*, residing at 5 Aster Way, Dayton, NJ 08810, a citizen of CN; *Gareth Funka-Lea*, residing at 24 Silvers Lane, Cranbury, NJ 08512, a citizen of the US; and *Dorin Comaniciu*, residing at 2 Stuart Lane West, Princeton, NJ 08550, a citizen of RO; hereinafter referred to as Assignor(s), (A) hereby acknowledge having previously assigned, sold and transferred to SIEMENS CORPORATION, a Corporation organized and existing under the laws of Delaware, having its place of business at 170 Wood Avenue South, Iselin, NJ 08830, (hereinafter referred to as Assignee), its successors, assigns and legal representatives, or to a predecessor of Assignee, pursuant to 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 which are disclosed in the below-identified application for United States 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 assignment(s) shall govern, take precedence, and be of legal effect), or (B)(i) to the extent such Patent & Secrecy Agreement or similar legal document failed or fails, in whole or part, to have assigned, sold or transferred the entire right, title and interest, in and for the United States and all foreign countries, in and to all inventions which are disclosed in the below-identified application for United States Letters patent, or (ii) if no such agreement(s) exist assigning, selling or transferring any such right, title or interest; then for good and valuable consideration, Assignor(s) now and hereby assign, sell and transfer to Assignee, its successors, assigns and legal representatives, the entire right, title and interest, in and for the United States and all foreign countries, in and to any and all inventions which are disclosed in Provisional Application filed on January 20, 2011 and identified as United States Provisional Application Serial No. 61/434,558, and the application for United States Letters patent, which has been filed with the United States Patent and Trademark Office on January 10, 2012, under Serial No. 13/346,818 entitled:

**Method and System for 3D Cardiac Motion Estimation from Single Scan of C-Arm
Angiography**

Assignor(s) above acknowledgment or assignment also includes all right, title and interest in and to said application and all applications claiming priority to said application, including, without limitation, all divisional, continuing, substitute, renewal,

application, including, without limitation, 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 said inventions; 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 said inventions;

Assignor(s) agree that Assignee may apply for and receive Letters Patent for said inventions in its own name or that of its designee;

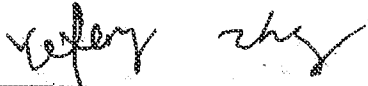
Assignor(s) agree that, at the request of the Assignee and, without charge to but at the expense of said Assignee, Assignor(s) will carry out in good faith the intent and purpose of this Assignment; execute all divisional, continuing, substitute, renewal, reissue, and all other patent applications on any and all said inventions; execute all rightful oaths, assignments, powers of attorney and other papers; communicate to Assignee, all facts known to the undersigned relating to said inventions and the history thereof; and generally do everything possible which Assignee shall consider desirable for aiding in securing and maintaining proper patent protection for said inventions and for vesting title to said inventions, and all applications for patents and all patents on inventions in said Assignee;

Assignor(s) covenant with Assignee 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.



MINGQING CHEN

Date: Feb 8, 2012



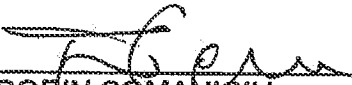
YEFENG ZHENG

Date: 2/1/12



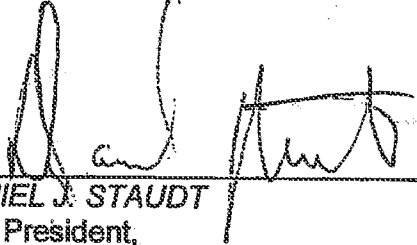
GARETH FUNKA-LEA

Date: 1 Feb 2012



DORIN COMANICIU

Date: 9/1/12



DANIEL J. STAUDT
Vice President,
Siemens Corporation

Date: 2/9/12