

## PATENT ASSIGNMENT

Electronic Version v1.1  
 Stylesheet Version v1.1

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>Helene C. Houle</td> <td>05/23/2012</td> </tr> </tbody> </table>		Name	Execution Date	Helene C. Houle	05/23/2012						
Name	Execution Date										
Helene C. Houle	05/23/2012										
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>19355-1406</td> </tr> </table>		Name:	Siemens Medical Solutions USA, Inc.	Street Address:	51 Valley Stream Parkway	City:	Malvern	State/Country:	PENNSYLVANIA	Postal Code:	19355-1406
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											
<table border="1"> <thead> <tr> <th>Property Type</th> <th>Number</th> </tr> </thead> <tbody> <tr> <td>Application Number:</td> <td>13416216</td> </tr> </tbody> </table>		Property Type	Number	Application Number:	13416216						
Property Type	Number										
Application Number:	13416216										
CORRESPONDENCE DATA											
Fax Number:	(732)321-3014										
Phone:	7323213026										
Email:	IPDadmin.us@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>											
Correspondent Name:	Sandra Baker										
Address Line 1:	170 Wood Avenue South										
Address Line 2:	Intellectual Property Department										
Address Line 4:	Iselin, NEW JERSEY 08830										
ATTORNEY DOCKET NUMBER:	2011P05067US01										
NAME OF SUBMITTER:	Karen Avant										
Total Attachments: 2 source=SMS Assignment#page1.tif source=SMS Assignment#page2.tif											

CH \$40.00 13416216

## ASSIGNMENT

I, *Helene C. Houle*, residing at 359 Titleist Court, San Jose, CA 95127, a **citizen of CA**; hereinafter referred to as Assignor(s), (A) hereby 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 place of business at 51 Valley Stream Parkway, Malvern, PA 19355-1406, (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 March 9, 2011 and identified as United States Provisional Application Serial No. 61/451,015, and the application for United States Letters patent, which has been filed with the United States Patent and Trademark Office on March 9, 2012, under Serial No. 13/416,216 entitled:

### **Physically-Constrained Modeling of a Heart in Medical Imaging**

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, 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;

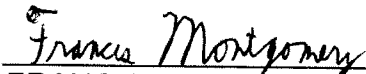
Assignor(s) agree that, at the request of the Assignee and, without charge to but at the expense of said Assignee, Assignor(s) will carry out in good faith the intent and purpose of this Assignment; execute all divisional, continuing, substitute, renewal, reissue, and all other patent applications on 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.



HELENE C. HOULE

Date: May 23<sup>RD</sup>, 2012



FRANCIS G. MONTGOMERY

IP Counsel,

Siemens Medical Solutions USA, Inc.

Date: 5/24/12