

## PATENT ASSIGNMENT

Electronic Version v1.1  
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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>Matthias John</td> <td>03/30/2012</td> </tr> <tr> <td>Jan Boese</td> <td>04/04/2012</td> </tr> </tbody> </table>		Name	Execution Date	Matthias John	03/30/2012	Jan Boese	04/04/2012				
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RECEIVING PARTY DATA											
<table border="1"> <tr> <td>Name:</td> <td>Siemens Aktiengesellschaft</td> </tr> <tr> <td>Street Address:</td> <td>Wittelsbacherplatz 2</td> </tr> <tr> <td>City:</td> <td>Munich</td> </tr> <tr> <td>State/Country:</td> <td>GERMANY</td> </tr> <tr> <td>Postal Code:</td> <td>80333</td> </tr> </table>		Name:	Siemens Aktiengesellschaft	Street Address:	Wittelsbacherplatz 2	City:	Munich	State/Country:	GERMANY	Postal Code:	80333
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PROPERTY NUMBERS Total: 1											
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CORRESPONDENCE DATA											
<p>Fax Number: (732)321-3014          Phone: 732-321-3026          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></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:	2011P05412US01										
NAME OF SUBMITTER:	Karen Avant										
Total Attachments: 3 source=SAG Assignment#page1.tif source=SAG Assignment#page2.tif source=SAG Assignment#page3.tif											

CH \$40.00 13412882

## **ASSIGNMENT**

For good and valuable consideration, We, Matthias John, residing at Spittlertorgraben 39, Nürnberg, Germany 90429, citizen of DE; and Jan Boese, residing at Moselstr. 10, Eckental, Germany 90542, citizen of DE; hereafter individually or collectively referred to as "Assignor";

Hereby sell, assign and transfer to Siemens Aktiengesellschaft, a corporation organized and existing under the laws of Germany, having a place of business at Wittelsbacherplatz 2, Munich, Germany 80333, hereinafter "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 improvements which are disclosed in Provisional Application filed on 03.14.2011 and identified as United States Provisional Application Serial No. 61/452,263, and in the application for United States Letters Patent, which has been filed with the United States Patent and Trademark Office on 03.06.2012, under Serial Number 13/412,882, entitled:

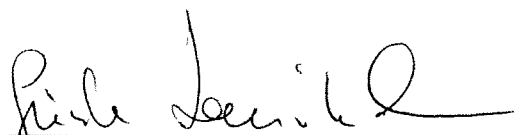
### **Method and System for Catheter Tracking in Fluoroscopic Images Using Adaptive Discriminant Learning and Measurement Fusion**


and in and to said application 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 said 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 said improvements;

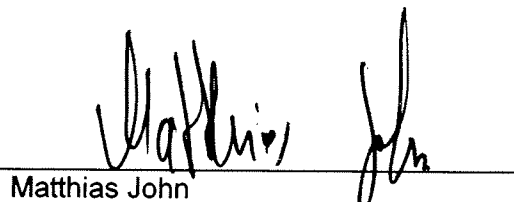
Agree that said Assignee may apply for and receive Letters Patent for said improvements in its own name; and that, when requested, without charge to but at the expense of said Assignee, its successors, assigns and legal representatives, to carry out in good faith the intent and purpose of this assignment, the undersigned will execute all divisional, continuing, substitute, renewal, reissue, and all other patent applications on any and all said 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 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 improvements and for vesting title to said improvements and all applications for patents and all patents on said improvements, in said Assignee, its successors, assigns and legal representatives; and


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

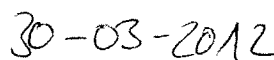
conveyed has been made to others by the undersigned, and that full right to convey the same as herein expressed is possessed by the undersigned.

  
Witness  
print name G. LAURITSCH

  
Witness  
print name Thomas Redel

  
Matthias John

  
Date

  
Date

Yu Deng 4.4.2012  
Witness  
print name Yu Deng Ling-zheng

Thomas Redel 4.4.2012  
Witness  
print name Thomas Redel

Jan Boese  
Jan Boese

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Date

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Date