

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>Ronald Grazioso</td> <td>07/31/2012</td> </tr> <tr> <td>Nan Zhang</td> <td>07/31/2012</td> </tr> </tbody> </table>		Name	Execution Date	Ronald Grazioso	07/31/2012	Nan Zhang	07/31/2012
Name	Execution Date						
Ronald Grazioso	07/31/2012						
Nan Zhang	07/31/2012						
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							
<table border="1"> <thead> <tr> <th>Property Type</th> <th>Number</th> </tr> </thead> <tbody> <tr> <td>Application Number:</td> <td>13540079</td> </tr> </tbody> </table>		Property Type	Number	Application Number:	13540079		
Property Type	Number						
Application Number:	13540079						
CORRESPONDENCE DATA							
Fax Number:	7323213014						
Phone:	732-321-3026						
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<i>Correspondence will be sent to the e-mail address first; if that is unsuccessful, it will be sent via US Mail.</i>							
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Address Line 4:	Iselin, NEW JERSEY 08830						
ATTORNEY DOCKET NUMBER:	2010P22733US01						
NAME OF SUBMITTER:	Peter Kendall						
Total Attachments: 2 source=SMS#page1.tif source=SMS#page2.tif							

CH \$40.00 13540079

ASSIGNMENT

For good and valuable consideration, I (We),

Ronald Grazioso, residing at 1230 Armstrong Ave., Knoxville, TN 37917, citizen of US

Nan Zhang, residing at 821 Lourdes Lane, Knoxville, TN 37934, 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 UNITED STATES OF AMERICA, 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: **Providing Variable Cell Density and Sizes in a Radiation Detector**

Filing Date(s): 07/02/2012

Filing Number: 13/540,079

Internal Case Number(s): 2010P22733US01

Patent Application Title: **SiPM Photosensor With Varying Cell Density**

Filing Date(s): 07/06/2011

Filing Number: 61/504,725

Internal Case Number(s): 2010P22733US

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


Ronald Grazioso

Mehmet Aykoc
printed name

July 31, 2012
Date



Witness Signature


Nan Zhang

Mehmet Aykoc
printed name

July 31, 2012
Date

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

Signature 

Name: Peter Kendall, IP Counsel

Date: AUG 8, 2012