

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>Samir Chowdhury</td><td>05/15/2006</td></tr><tr><td>Jinhun Joung</td><td>04/24/2006</td></tr></tbody></table>	Name	Execution Date	Samir Chowdhury	05/15/2006	Jinhun Joung	04/24/2006	
Name	Execution Date						
Samir Chowdhury	05/15/2006						
Jinhun Joung	04/24/2006						
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>11353649</td></tr></tbody></table>	Property Type	Number	Application Number:	11353649			
Property Type	Number						
Application Number:	11353649						
CORRESPONDENCE DATA							
Fax Number:	(732)321-3014						
<i>Correspondence will be sent via US Mail when the fax attempt is unsuccessful.</i>							
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Address Line 4:	Iselin, NEW JERSEY 08830						
ATTORNEY DOCKET NUMBER:	2005P05304US						
NAME OF SUBMITTER:	Karen Avant						
Total Attachments: 3 source=2005P05304US-Assignment#page1.tif source=2005P05304US-Assignment#page2.tif							

CH 11353649 \$40.00

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PATENT
REEL: 017617 FRAME: 0596

ASSIGNMENT

For good and valuable consideration, We, Samir Chowdhury, residing at 3237 N. Hoyne #2, Chicago, IL 60618, a citizen of the US; and Jinhun Joung, residing at 4251 Bunker Hill Drive, Algonquin, IL 60102, a citizen of Korea; hereafter individually or collectively referred to as "Assignor";

Hereby sell, assign and transfer to Siemens Medical Solutions USA, Inc., a corporation organized and existing under the state 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, 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 the application for United States Letters Patent, which has been executed by the undersigned and filed

on February 14, 2006, U.S. Serial No.: 11/353,649,
entitled:

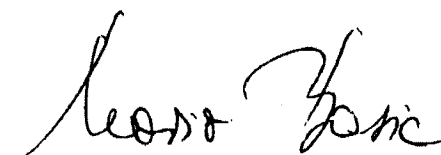
**Quantitative Radiation Detection Using Geiger Mode Avalanche
Photodiode Binary Detector Cell Arrays**

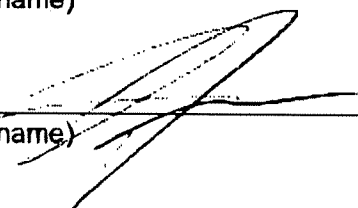
and in and to said application and all divisional, continuing, substitute, renewal, reissue, and all other applications for Letters Patent which have been or shall be filed in the United States and all foreign countries on any of said improvements; and in and to all original and reissued patents which have been or shall be filed in the United States and all foreign countries on said improvements;

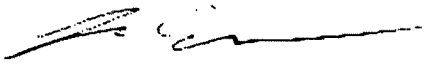
Agree that said Assignee may apply for and receive Letters Patent for said improvements in its own name; and that, when requested, without charge to but at the expense of said Assignee, its successors, assigns and legal representatives, to carry out in good faith the intent and purpose of this assignment, 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

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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.

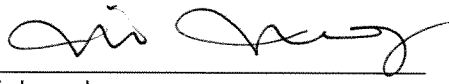
Witness: 
(type name)

Witness: 
(type name)


Samir Chowdhury

Date: 5/15/2006

Date: may 15-06

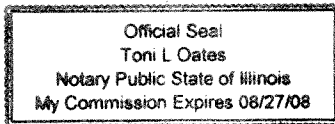


Jinhun Joung

State of Illinois)
County of Cook): ss
)

Before me this 24th day of April, 2006 personally appeared Jinhun Joung to me personally known to be the person who is described in and who executed the above instrument, and acknowledged to me that he executed the same of his own free will for the purpose therein set forth.

[Seal]





Notary Public