

**PATENT ASSIGNMENT**

Electronic Version v1.1  
 Stylesheet Version v1.1

<b>SUBMISSION TYPE:</b>	NEW ASSIGNMENT						
<b>NATURE OF CONVEYANCE:</b>	ASSIGNMENT						
<b>CONVEYING PARTY DATA</b>							
<table border="1" style="width:100%; border-collapse: collapse;"> <thead> <tr> <th style="width:70%;">Name</th> <th>Execution Date</th> </tr> </thead> <tbody> <tr> <td>James Frank Caruba</td> <td>08/22/2005</td> </tr> <tr> <td>John C. Engdahl</td> <td>08/18/2005</td> </tr> </tbody> </table>		Name	Execution Date	James Frank Caruba	08/22/2005	John C. Engdahl	08/18/2005
Name	Execution Date						
James Frank Caruba	08/22/2005						
John C. Engdahl	08/18/2005						
<b>RECEIVING PARTY DATA</b>							
<b>Name:</b>	Siemens Medical Solutions USA, Inc.						
<b>Street Address:</b>	51 Valley Stream Parkway						
<b>City:</b>	Malvern						
<b>State/Country:</b>	PENNSYLVANIA						
<b>Postal Code:</b>	19355-1406						
<b>PROPERTY NUMBERS Total: 1</b>							
<table border="1" style="width:100%; border-collapse: collapse;"> <thead> <tr> <th style="width:30%;">Property Type</th> <th>Number</th> </tr> </thead> <tbody> <tr> <td>Application Number:</td> <td>11165937</td> </tr> </tbody> </table>		Property Type	Number	Application Number:	11165937		
Property Type	Number						
Application Number:	11165937						
<b>CORRESPONDENCE DATA</b>							
<b>Fax Number:</b>	(732)321-3014						
<i>Correspondence will be sent via US Mail when the fax attempt is unsuccessful.</i>							
<b>Phone:</b>	732-321-3026						
<b>Email:</b>	connie.buscemi@siemens.com						
<b>Correspondent Name:</b>	Elsa Keller						
<b>Address Line 1:</b>	170 Wood Avenue South						
<b>Address Line 4:</b>	Iselin, NEW JERSEY 08830						
<b>NAME OF SUBMITTER:</b>	Connie Buscemi						
<b>Total Attachments: 3</b> source=Executed Assignment#page1.tif source=Executed Assignment#page2.tif source=Executed Assignment#page3.tif							

CH \$40.00 11165937

## ASSIGNMENT

For good and valuable consideration, We, **James Frank Caruba**, residing at 225 Buckingham Drive, Bartlett, IL 60103, citizen of US; and **John C. Engdahl**, residing at ~~785 N. Waukegan Road,~~ <sup>5604 W. Grande Circle,</sup> ~~Lake Forest, IL 60045,~~ <sup>Pecunia, IL 61615</sup> citizen of US; 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 06.24.05, U.S. Serial No.: 11/165,937,

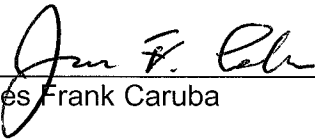
entitled:

### **Burst-Mode Readout For Solid State Radiation Detectors Using Partitioned Pipeline Architecture**

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

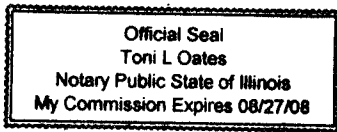
Covenant with said Assignee, its successors, assigns and legal representatives that no assignment, grant, mortgage, license or other agreement affecting the rights and property herein conveyed has been made to others by the undersigned, and that full right to convey the same as herein expressed is possessed by the undersigned.

  
James Frank Caruba

State of Illinois )  
 )  
County of Cook ) : ss

Before me this 22<sup>nd</sup> day of August, 2005 personally appeared **James Frank Caruba** 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

\_\_\_\_\_  
John C. Engdahl

State of )  
 )  
County of ) : ss

Before me this \_\_\_\_\_ day of \_\_\_\_\_, 2005 personally appeared **John C. Engdahl** 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

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.

\_\_\_\_\_  
James Frank Caruba

State of \_\_\_\_\_ )  
  ): ss  
County of \_\_\_\_\_ )

Before me this \_\_\_\_\_ day of \_\_\_\_\_, 2005 personally appeared **James Frank Caruba** 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

*John C. Engdahl*  
\_\_\_\_\_  
John C. Engdahl

State of IL )  
  ): ss  
County of Peoria )

Before me this 18 day of August, 2005 personally appeared **John C. Engdahl** 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]



*Dennis M. Koch*  
\_\_\_\_\_  
Notary Public