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To the Director of the United States Patent and Trademark Office: Please record the attached original documents or copy thereof.

1. Name of conveying party(ies):
 a. **Brent Allen Clothier**
 b. **Sergio Paulo Martins Loureiro**
 c. **Venkat Subramaniam Venkataramani**
 d. **Alok Mani Srivastava**

Additional names(s) of conveying party(ies) Yes No

2. Name and address of receiving party(ies):

Name: General Electric Company

Internal Address: 1 River Road
Schenectady, New York 12345

Street Address: 1 River Road

City: Schenectady State: NY ZIP: 12345

Additional name(s) & address(es) attached? Yes No

113014 U.S. PTO
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3. Nature of conveyance:

Assignment Merger
 Security Agreement Change of Name
 Other _____

Execution Date: a. 1/3/2007; b. 1/2/2007; c. 12/22/2006;
d. 1/3/2007

4. Application number(s) or patent numbers(s):

If this document is being filed together with a new application, the execution date of the application is: 01/10/2007

A. Patent Application No.(s)	Filing Date	B. Patent No.(s)

Additional numbers attached? Yes No

5. Name and address of party to whom correspondence concerning document should be mailed:

Name: Cantor Colburn, LLP

Internal Address: 55 Griffin Road South
Bloomfield, CT 06002

Street Address: 55 Griffin Road South

City: Bloomfield State: CT ZIP: 06002

6. Total number of applications and patents involved: 1

7. Total fee (37 CFR 3.41):.....\$ 40.00

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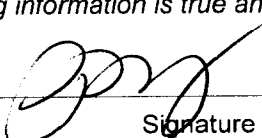
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9. Statement and signature.
To the best of my knowledge and belief, the foregoing information is true and correct and any attached copy is a true copy of the original document.

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PATENT

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ASSIGNMENT

In accordance with my/our obligations under an Employee Innovation and Proprietary Information Agreement or (as applicable) arising out of other agreements (such as, but not limited to, the Services Agreement between the General Electric Company, a New York Corporation, and my employer), and/or for other good and valuable consideration of which I/we acknowledge receipt, I/we,

Brent Allen Clothier	of	803 Christian Court, Niskayuna, NY 12309
Sergio Paulo Martins Loureiro	of	110 Lincoln Avenue, Saratoga Springs, NY 12866
Venkat Subramaniam Venkataramani	of	5 Saxony Street, Clifton Park, NY 12065
Alok Mani Srivastava	of	1378 Philomena Road, Niskayuna, NY 12309

hereby sell and assign to **General Electric Company, a New York Corporation**, (hereinafter referred to as "Company") having an address at 1 River Road, Schenectady, New York 12345, USA, its successors and assigns my (our) entire respective right(s), title(s) and interest(s) in and to the invention and improvements invented and originated by me/us and described in the non-provisional] application for United States Patent currently entitled:

**SCINTILLATING COMPOSITIONS FOR DETECTING NEUTRONS AND
METHODS OF MAKING THE SAME**

executed concurrently herewith,

filed on _____ having Serial Number _____

and any and all applications for patent and patents therefrom in any and all countries, including all divisions, continuations, reexaminations and reissues thereof, and all rights of priority resulting from the filing of said United States application, and authorize and request any official whose duty it is to issue patents, to issue any patent on said inventions and improvements resulting therefrom to said Company, or its successors or assigns and agree that on request and without further consideration, but at the expense of said Company, I/we will communicate to said Company or its representatives or nominees any facts known to me/us respecting said inventions and improvements and testify in any legal proceeding, sign all lawful papers, execute all divisional, continuation, reexamination and reissue applications, make all rightful oaths and generally do everything possible to aid said Company, its successors, assigns, and nominees to obtain and enforce proper patent protection for said invention and its improvements in all countries.

INVENTOR 1

Signature: [Handwritten Signature]
Brent Allen Clothier

Date: 1/3/2007

Witnessed by: [Handwritten Signature]
Signature

Date: 1/3/07

Sean M. Sweeney
Printed Name of Witness

Witnessed by: [Handwritten Signature]
Signature

Date: 1/3/07

JAMES VARTUL
Printed Name of Witness

SECTION BELOW IS FOR USE ONLY IF SIGNING IN PRESENCE OF A NOTARY

_____ Date: _____
Brent Allen Clothier

STATE OF _____

ss. _____

COUNTY OF _____

This _____ day of _____, _____ before me personally came the above-named **Brent Allen Clothier**, to me personally known as the individual who executed the foregoing assignment, who acknowledged to me that he/she executed the same of his/her own free will for the purposes therein set forth.

Seal _____
(Notary Public)

INVENTOR 2

Signature: [Signature]
SERGIO PAULO MARTINS LOUREIRO

Date: 01/02/07

Witnessed by: [Signature]
Signature

Date: 1/2/07

Sean M. Sweeney
Printed Name of Witness

Witnessed by: [Signature]
Signature

Date: 1/2/07

Jacob C Bortscheller
Printed Name of Witness

SECTION BELOW IS FOR USE ONLY IF SIGNING IN PRESENCE OF A NOTARY

SERGIO PAULO MARTINS LOUREIRO Date: _____

STATE OF _____
COUNTY OF _____ ss.

This _____ day of _____, _____ before me personally came the above-named **SERGIO PAULO MARTINS LOUREIRO**, to me personally known as the individual who executed the foregoing assignment, who acknowledged to me that he/she executed the same of his/her own free will for the purposes therein set forth.

Seal _____
(Notary Public)

INVENTOR 3

Signature: Venkat Subramaniam Venkataramani
Venkat Subramaniam Venkataramani

Date: Dec 22, 2006

Witnessed by: Frederic J Klug
Signature

Date: 12/22/2006

FREDEARIC J KLUG
Printed Name of Witness

Witnessed by: James A Brewer
Signature

Date: 12/22/2006

JAMES A. Brewer
Printed Name of Witness

SECTION BELOW IS FOR USE ONLY IF SIGNING IN PRESENCE OF A NOTARY

Venkat Subramaniam Venkataramani Date: _____

STATE OF _____
COUNTY OF _____ ss.

This _____ day of _____, _____ before me personally came the above-named **Venkat Subramaniam Venkataramani**, to me personally known as the individual who executed the foregoing assignment, who acknowledged to me that he/she executed the same of his/her own free will for the purposes therein set forth.

Seal _____
(Notary Public)

