

## PATENT ASSIGNMENT COVER SHEET

Electronic Version v1.1  
Stylesheet Version v1.2

EPAS ID: PAT4009781

<b>SUBMISSION TYPE:</b>	NEW ASSIGNMENT
<b>NATURE OF CONVEYANCE:</b>	ASSIGNMENT
<b>CONVEYING PARTY DATA</b>	
<b>Name</b>	<b>Execution Date</b>
BIJU JACOB	12/23/2015
HABIB VAFI	12/17/2015
BRIAN DAVID YANOFF	12/23/2015
JEFFERY JON SHAW	06/03/2016
JIANJUN GUO	12/16/2015
<b>RECEIVING PARTY DATA</b>	
<b>Name:</b>	General Electric Company
<b>Street Address:</b>	1 River Road
<b>City:</b>	Schenectady
<b>State/Country:</b>	NEW YORK
<b>Postal Code:</b>	12345
<b>PROPERTY NUMBERS Total: 1</b>	
<b>Property Type</b>	<b>Number</b>
Application Number:	14985785
<b>CORRESPONDENCE DATA</b>	
<b>Fax Number:</b>	(203)944-6712
<i>Correspondence will be sent to the e-mail address first; if that is unsuccessful, it will be sent using a fax number, if provided; if that is unsuccessful, it will be sent via US Mail.</i>	
<b>Phone:</b>	5183877724
<b>Email:</b>	gpo.mail@ge.com
<b>Correspondent Name:</b>	GENERAL ELECTRIC COMPANY GLOBAL RESEARCH
<b>Address Line 1:</b>	ONE RESEARCH CIRCLE
<b>Address Line 2:</b>	BUILDING K1-3A59
<b>Address Line 4:</b>	NISKAYUNA, NEW YORK 12309
<b>ATTORNEY DOCKET NUMBER:</b>	282853A-1 (GERD:1301A)
<b>NAME OF SUBMITTER:</b>	JOHN M. RARIDEN
<b>SIGNATURE:</b>	/John Rariden/
<b>DATE SIGNED:</b>	08/16/2016
This document serves as an Oath/Declaration (37 CFR 1.63).	

**Total Attachments: 7**

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**COMBINED DECLARATION AND GLOBAL ASSIGNMENT  
FOR UTILITY OR DESIGN PATENT APPLICATION**

As the below named inventor(s), I/we hereby declare that:

This declaration and assignment are directed to:

**RADIATION DETECTOR ASSEMBLY**

- the specification of which is attached hereto OR
- United States application or PCT international application number  
14/985,785 filed on December 31, 2015, as  
amended on [date] (if applicable).  
(We hereby authorize and request the Company or its delegated attorneys or agents to  
insert above the application number and filing date of the application when known.)

The above-identified application was made or authorized to be made by us.

We believe that we are original joint inventors of a claimed invention in the application.

We hereby acknowledge that any willful false statement made in this declaration is punishable under 18 USC § 1001 by fine or imprisonment of not more than five (5) years, or both.

We acknowledge the duty to disclose information which is material to the patentability of this application as defined in 37 CFR § 1.56, including, for continuation-in-part applications, material information which became available between the filing date of the prior application and the filing date of the continuation-in-part application.

In accordance with our obligation(s) 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 General Electric Company, a New York corporation, and our employers), and/or for other good and valuable consideration of which we acknowledge receipt, we,

Inventor First Name	Inventor Middle Name	Inventor Last Name		Residence Town	Residence State	Residence Country
Biju		Jacob	Of	Schenectady	NY	US
Habib		Vafi	Of	Brookfield	WI	US
Brian	David	Yanoff	Of	Schenectady	NY	US
Jeffery	Jon	Shaw	Of	Ballston Lake	NY	US
Jianjun		Guo	Of	Ballston Spa	NY	US

hereby sell and assign to:

Name of Company:	<i>General Electric Company</i>
Entity Type:	<i>New York corporation</i>
Address:	<i>1 River Road, Schenectady, New York 12345 USA</i>

herein referred to as "Company", its successors and assigns our entire respective rights, titles and interests in and to the invention and improvements made and conceived by us described in the application(s) listed above and in the following table:

Country of Filing	Type of Filing	Application Number	Filing Date	Title

(We hereby authorize and request the Company or its delegated attorneys or agents to insert above the application number and filing date of the application(s) when known.)

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 the application(s), and authorize and request any official whose duty it is to issue patents, to issue any patent on the inventions and improvements resulting therefrom to the Company, or its successors or assigns and agree that on request and without further consideration, we will communicate to the Company or its representatives or nominees any facts known to us respecting the 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 the Company, its successors, assigns, and nominees to obtain and enforce proper patent protection for the invention and its improvements in all countries.

Remuneration claims of the inventor(s)/assignor(s) potentially arising from German Law on Employee Inventions, or any other respective country law, remain unaffected by this assignment.

INVENTOR 1

Signature: Biju  
Biju Jacob

Date: 12/23/2015

Witnessed by: Tasha Churchill  
Signature

Date: 12/23/15

Tasha Churchill  
Printed Name of Witness

Witnessed by: Muthu  
Signature

Date: 12/23/15

Sathish Ramani  
Printed Name of Witness

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

\_\_\_\_\_  
Biju Jacob

Date: \_\_\_\_\_

STATE OF

ss.

COUNTY OF

This \_\_\_\_\_ day of \_\_\_\_\_, 2015 before me personally came the above-named **Biju Jacob**, 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)

GE Docket No. 282853A-1  
Radiation Detector Assembly

INVENTOR 2

Signature: \_\_\_\_\_  
**Habib Vafi**

Date: \_\_\_\_\_

Witnessed by: \_\_\_\_\_  
Signature

Date: \_\_\_\_\_

Printed Name of Witness \_\_\_\_\_

Witnessed by: \_\_\_\_\_  
Signature

Date: \_\_\_\_\_

Printed Name of Witness \_\_\_\_\_

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

Habib Vafi  
Habib Vafi

Date: Dec, 17, 2015

STATE OF Wisconsin

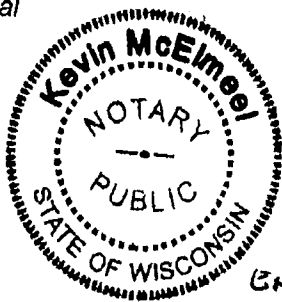
ss.

COUNTY OF Waukesha

This 17 day of December, 2015 before me personally came the above-named **Habib Vafi**, 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

[Signature]  
(Notary Public)



2/16/16

INVENTOR 3

Signature: *Brian David Yanoff*  
Brian David Yanoff

Date: 12/23/2015

Witnessed by: *[Signature]*  
Signature

Date: 12/23/15

Anthony Mazik  
Printed Name of Witness

Witnessed by: *[Signature]*  
Signature

Date: 12/23/15

Elizabeth Yanoff  
Printed Name of Witness

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

\_\_\_\_\_  
Brian David Yanoff Date: \_\_\_\_\_

STATE OF \_\_\_\_\_  
COUNTY OF \_\_\_\_\_ ss.

This \_\_\_\_\_ day of \_\_\_\_\_, 2015 before me personally came the above-named **Brian David Yanoff**, 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)

GE Docket No. 282853A-1  
Radiation Detector Assembly

INVENTOR 4

Signature: Jeffery Jon Shaw  
Jeffery Jon Shaw

Date: 6/3/2016

Witnessed by: Eric P. Davis  
Signature

Date: 6/3/2016

Eric P. Davis  
Printed Name of Witness

Witnessed by: [Signature]  
Signature

Date: 06/03/2016

MIN YAN  
Printed Name of Witness

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

\_\_\_\_\_  
Jeffery Jon Shaw

Date: \_\_\_\_\_

STATE OF

ss.

COUNTY OF

This \_\_\_\_\_ day of \_\_\_\_\_, 2015 before me personally came the above-named **Jeffery Jon Shaw**, 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)



GE Docket No. 282853A-1  
Radiation Detector Assembly

INVENTOR 5

Signature: Jianjun Guo  
Jianjun Guo

Date: 12/16/2015

Witnessed by: [Signature]  
Signature

Date: Dec 16, 2015

YUANN LIN  
Printed Name of Witness

Witnessed by: [Signature]  
Signature

Date: 12/16/2015

Rolf Lenigk  
Printed Name of Witness

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

\_\_\_\_\_  
Jianjun Guo Date: \_\_\_\_\_

STATE OF \_\_\_\_\_  
COUNTY OF \_\_\_\_\_

ss.

This \_\_\_\_\_ day of \_\_\_\_\_, 2015 before me personally came the above-named Jianjun Guo, 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)