

PATENT ASSIGNMENT

Electronic Version v1.1
 Stylesheet Version v1.1

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>Mahadevan NMN Balasubramaniam</td> <td>08/12/2013</td> </tr> <tr> <td>Glen Peter Koste</td> <td>08/13/2013</td> </tr> <tr> <td>Slawomir Rubinsztajn</td> <td>08/09/2013</td> </tr> <tr> <td>Sachin Narahari Dekate</td> <td>08/14/2013</td> </tr> <tr> <td>Anurag Kasyap Vejjupalle Subramanyam</td> <td>08/14/2013</td> </tr> <tr> <td>Sunilkumar Onkamath Soni</td> <td>08/14/2013</td> </tr> </tbody> </table>		Name	Execution Date	Mahadevan NMN Balasubramaniam	08/12/2013	Glen Peter Koste	08/13/2013	Slawomir Rubinsztajn	08/09/2013	Sachin Narahari Dekate	08/14/2013	Anurag Kasyap Vejjupalle Subramanyam	08/14/2013	Sunilkumar Onkamath Soni	08/14/2013
Name	Execution Date														
Mahadevan NMN Balasubramaniam	08/12/2013														
Glen Peter Koste	08/13/2013														
Slawomir Rubinsztajn	08/09/2013														
Sachin Narahari Dekate	08/14/2013														
Anurag Kasyap Vejjupalle Subramanyam	08/14/2013														
Sunilkumar Onkamath Soni	08/14/2013														
RECEIVING PARTY DATA															
Name:	General Electric Company														
Street Address:	1 River Road														
City:	Schenectady														
State/Country:	NEW YORK														
Postal Code:	12345														
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>13968578</td> </tr> </tbody> </table>		Property Type	Number	Application Number:	13968578										
Property Type	Number														
Application Number:	13968578														
CORRESPONDENCE DATA															
Fax Number:	2039446712														
<i>Correspondence will be sent via US Mail when the fax attempt is unsuccessful.</i>															
Phone:	518-387-7724														
Email:	gpo.mail@ge.com														
Correspondent Name:	GENERAL ELECTRIC COMPANY GLOBAL RESEARCH														
Address Line 1:	ONE RESEARCH CIRCLE														
Address Line 2:	BLDG. K1-3A59														
Address Line 4:	NISKAYUNA, NEW YORK 12309														
ATTORNEY DOCKET NUMBER:	268943-1														

CH \$40.00 13968578

NAME OF SUBMITTER:	Enrique J. Mora
Signature:	/Enrique J. Mora/
Date:	08/16/2013
	This document serves as an Oath/Declaration (37 CFR 1.63).
<p>Total Attachments: 9 source=268943-1USCombinedDeclarationGlobalAssignment#page1.tif source=268943-1USCombinedDeclarationGlobalAssignment#page2.tif source=268943-1USCombinedDeclarationGlobalAssignment#page3.tif source=268943-1USCombinedDeclarationGlobalAssignment#page4.tif source=268943-1USCombinedDeclarationGlobalAssignment#page5.tif source=268943-1USCombinedDeclarationGlobalAssignment#page6.tif source=268943-1USCombinedDeclarationGlobalAssignment#page7.tif source=268943-1USCombinedDeclarationGlobalAssignment#page8.tif source=268943-1USCombinedDeclarationGlobalAssignment#page9.tif</p>	

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:

FIBER OPTIC SENSING APPARATUS AND METHOD FOR SENSING PARAMETERS INVOLVING DIFFERENT PARAMETER MODALITIES

- the specification of which is attached hereto OR
- United States application or PCT international application number 13/968,578 filed on August, 16, 2013 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 have reviewed and understand the contents of the above-identified application, including the claims, as amended by any amendment referred to above.

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, I/we,

Inventor First Name	Inventor Middle Name	Inventor Last Name		Residence Town	Residence State	Residence Country
Mahadevan	NMN	Balasubramaniam	of	Ballston Lake	NY	US
Glen	Peter	Koste	of	Niskayuna	NY	US
Slawomir		Rubinsztajn	of	Ballston Spa	NY	US

Sachin	Narahari	Dekate	of	Niskayuna	NY	US
Anurag Kasyap		Vejjupalle Subramanyam	of	Houston	TX	US
Sunilkumar	Onkarnath	Soni	of	Schenectady	NY	US

v9.18.12

hereby sell and assign to:

Name of Company: <i>General Electric Company</i>
Entity Type (optional): <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 or 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, continuations-in-part, reexaminations, renewals, 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, make all rightful oaths, sign all lawful papers and execute all instruments or documents required or requested for the making and prosecution of any applications of any type for patent, utility model, or other similar rights in all countries including, but not limited to, any provisional, non-provisional, continuation, continuation-in-part, divisional, renewal or substitute thereof, for any derivation proceedings relating thereto, and, as to any patents that issue from such applications, for any supplemental examination, derivation proceeding, opposition, post grant review, reissue, re-examination, inter partes review, or extension thereof, 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: Mahadevan Balasubramaniam Date: Aug 12, 2013
Mahadevan NMN Balasubramaniam

Witnessed by: [Signature] Date: Aug 12, 2013
Signature

Mohammed Shalaby
Printed Name of Witness

Witnessed by: [Signature] Date: Aug 12, 2013
Signature

ANURAG KUMAR
Printed Name of Witness

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

Mahadevan NMN Balasubramaniam Date: _____

STATE OF _____
COUNTY OF _____ ss.

This _____ day of _____, _____ before me personally came the above-named Mahadevan NMN Balasubramaniam, 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: Glen Peter Koste
Glen Peter Koste

Date: 8/13/13

Witnessed by: Lucas Tsekalakos
Signature
Lucas Tsekalakos
Printed Name of Witness

Date: 8/13/13

Witnessed by: David M. Davenow
Signature
David M. DAVENOW
Printed Name of Witness

Date: 8/13/2013

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

Glen Peter Koste

Date: _____

STATE OF

ss.

COUNTY OF

This _____ day of _____, _____ before me personally came the above-named Glen Peter Koste, 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: *[Handwritten Signature]*
Slawomir Rubinsztajn

Date: 08/09/2013

Witnessed by: *[Handwritten Signature]*
Signature

Date: 08/09/2013

BINIL KANDAPALLIL
Printed Name of Witness

Witnessed by: *[Handwritten Signature]*
Signature

Date: 08/09/2013

BRIAN C. BALES
Printed Name of Witness

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

Slawomir Rubinsztajn

Date: _____

STATE OF

ss.

COUNTY OF

This _____ day of _____, _____ before me personally came the above-named Slawomir Rubinsztajn, 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 4

Signature: [Signature]
Sachin Narahari Dekate

Date: 8/14/2013

Witnessed by: [Signature]
Signature

Date: 08/14/2013

AMIT SATISH GORE
Printed Name of Witness

Witnessed by: [Signature]
Signature

Date: 8/14/2013

DOAN SHERMAN
Printed Name of Witness

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

Sachin Narahari Dekate

Date: _____

STATE OF

ss.

COUNTY OF

This _____ day of _____, _____ before me personally came the above-named Sachin Narahari Dekate, 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 5

Signature: [Signature] Date: 08/14/2013
Anurag Kasyap Vejjupalle Subramanyam

Witnessed by: [Signature] Date: 08/14/2013
Signature

TOHA MASHA
Printed Name of Witness

Witnessed by: [Signature] Date: 08/14/2013
Signature

ALI HASAN
Printed Name of Witness

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

Anurag Kasyap Vejjupalle Subramanyam Date: _____

STATE OF _____
COUNTY OF _____ ss.

This _____ day of _____, _____ before me personally came the above-named Anurag Kasyap Vejjupalle Subramanyam, 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 6

Signature: 
Sunilkumar Onkarnath Soni

Date: 08/14/2013

Witnessed by: 
Signature

Date: 08/14/2013

KEN I. SALAS
Printed Name of Witness

Witnessed by: 
Signature

Date: 8/14/2013

Mohammed Shalaby
Printed Name of Witness

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

Sunilkumar Onkarnath Soni

Date: _____

STATE OF

ss.

COUNTY OF

This ____ day of _____, _____ before me personally came the above-named **Sunilkumar Onkarnath Soni**, 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)