

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>Russell Paul Fitzgerald</td> <td>02/12/2013</td> </tr> <tr> <td>Danielle Marie Kalitan</td> <td>02/18/2013</td> </tr> <tr> <td>Patrick Edward Pastecki</td> <td>02/13/2013</td> </tr> <tr> <td>Gary Lee Leonard</td> <td>02/25/2013</td> </tr> </tbody> </table>		Name	Execution Date	Russell Paul Fitzgerald	02/12/2013	Danielle Marie Kalitan	02/18/2013	Patrick Edward Pastecki	02/13/2013	Gary Lee Leonard	02/25/2013
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RECEIVING PARTY DATA											
<table border="1"> <tr> <td>Name:</td> <td>General Electric Company</td> </tr> <tr> <td>Street Address:</td> <td>1 River Road</td> </tr> <tr> <td>City:</td> <td>Schenectady</td> </tr> <tr> <td>State/Country:</td> <td>NEW YORK</td> </tr> <tr> <td>Postal Code:</td> <td>12345</td> </tr> </table>		Name:	General Electric Company	Street Address:	1 River Road	City:	Schenectady	State/Country:	NEW YORK	Postal Code:	12345
Name:	General Electric Company										
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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>13777685</td> </tr> </tbody> </table>		Property Type	Number	Application Number:	13777685						
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CORRESPONDENCE DATA											
Fax Number: <i>Correspondence will be sent via US Mail when the fax attempt is unsuccessful.</i> Phone: 518-387-7724 Email: ldocket@crd.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:	263147										
NAME OF SUBMITTER:	Patrick W. Rasche										
Total Attachments: 6											

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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:

METHODS AND APPARATUS FOR RAPID SENSING OF FUEL WOBBE INDEX

- ☒ the specification of which is attached hereto OR
☐ United States application or PCT international application number _____, as
_____ filed on _____, 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
Russell	Paul	Fitzgerald	of	Clifton Park	New York	USA
Patrick	Edward	Pastecki	of	Pearland	Texas	USA
Danielle	Marie	Kalitan	of	Niskayuna	New York	USA
Gary	Lee	Leonard	of	Saratoga Springs	New York	USA

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: Russell Paul Fitzgerald
Russell Paul Fitzgerald

Date: 2/12/2013

Witnessed by: Katherine Essenhigh
Signature

Date: 2/12/2013

Katherine Essenhigh
Printed Name of Witness

Witnessed by: Shawn D. Wehe
Signature

Date: 2/12/2013

SHAWN D. WEHE
Printed Name of Witness

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

Russell Paul Fitzgerald

Date: _____

STATE OF

ss.

COUNTY OF

This _____ day of _____, _____ before me personally came the above-named **Russell Paul Fitzgerald**, 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: Danielle Marie Kalitan
Danielle Marie Kalitan

Date: 2/18/2013

Witnessed by: Shawn O. Weber
Signature

Date: 2/18/2013

SHAWN O. WEBER
Printed Name of Witness

Witnessed by: Eui Han
Signature

Date: 02/18/2013

Eui Han
Printed Name of Witness

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

Danielle Marie Kalitan

Date: _____

STATE OF

SS.

COUNTY OF

This _____ day of _____, _____ before me personally came the above-named **Danielle Marie Kalitan**, 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: Patrick Edward Pastecki
Patrick Edward Pastecki

Date: 2/13/2013

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

Patrick Edward Pastecki
Patrick Edward Pastecki

Date: 2/13/2013

STATE OF TEXAS

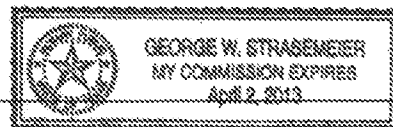
SS.

COUNTY OF Harris

This 13th day of February, 2013 before me personally came the above-named **Patrick Edward Pastecki**, 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

George W. Strassmeier



(Notary Public)

INVENTOR 4

Signature: Gary Lee Leonard
Gary Lee Leonard

Date: 2/25/2013

Witnessed by: Todd G. Weber
Signature

Date: 2/25/2013

Todd G. Weber
Printed Name of Witness

Witnessed by: Patricia A Reynolds
Signature

Date: 2/25/2013

Patricia A Reynolds
Printed Name of Witness

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

Gary Lee Leonard Date: _____

STATE OF

ss.

COUNTY OF

This _____ day of _____, _____ before me personally came the above-named Gary Lee Leonard, 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)