

## PATENT ASSIGNMENT COVER SHEET

Electronic Version v1.1  
Stylesheet Version v1.2

EPAS ID: PAT3835541

<b>SUBMISSION TYPE:</b>	NEW ASSIGNMENT
<b>NATURE OF CONVEYANCE:</b>	ASSIGNMENT
<b>CONVEYING PARTY DATA</b>	
<b>Name</b>	<b>Execution Date</b>
JEFFREY JOHN WOLFF	12/08/2015
AJITH KUTTANNAIR KUMAR	12/08/2015
HENRY TODD YOUNG	04/14/2016
JASON DANIEL KUTTENKULER	12/09/2015
MAKSIM V. BORISENKO	12/10/2015
EDWARD PETRAK	12/22/2015
<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>
<b>Application Number:</b>	14974071
<b>CORRESPONDENCE DATA</b>	
<b>Fax Number:</b>	
<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>	2039446710
<b>Email:</b>	gpo.mail@ge.com
<b>Correspondent Name:</b>	GE GPO - GROGAN, TUCCILLO & VANDERLEEDEN
<b>Address Line 1:</b>	3135 EASTON TURNPIKE
<b>Address Line 4:</b>	FAIRFIELD, CONNECTICUT 06828
<b>ATTORNEY DOCKET NUMBER:</b>	283322-2 (5424-0179)
<b>NAME OF SUBMITTER:</b>	KEVIN H. VANDERLEEDEN
<b>SIGNATURE:</b>	/KEVIN H. VANDERLEEDEN/
<b>DATE SIGNED:</b>	04/19/2016
This document serves as an Oath/Declaration (37 CFR 1.63).	

**Total Attachments: 8**

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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:

**SYSTEM AND METHOD FOR REDUCING FUEL CONSUMPTION IN A VEHICLE**

- the specification of which is attached hereto OR
- United States application or PCT international application number 14/974071 filed on 12/18/2015, 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 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
JEFFREY	JOHN	WOLFF	of	LAWRENCE PARK	PA	US
AJITH	KUTTANNAIR	KUMAR	of	ERIE	PA	US
HENRY	TODD	YOUNG	of	ERIE	PA	US

JASON	DANIEL	KUTTENKULER	of	ERIE	PA	US
MAKSIM	V.	BORISENKO	of	LAWRENCE PARK	PA	US
EDWARD		PETRAK	of	ERIE	PA	US

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: [Handwritten Signature]  
JEFFREY JOHN WOLFF

Date: 12-8-2015

Witnessed by: [Handwritten Signature]  
Signature  
Amy Alton  
Printed Name of Witness

Date: 12/8/2015

Witnessed by: [Handwritten Signature]  
Signature  
Robert Ell Jr.  
Printed Name of Witness

Date: 12-8-2015

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

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

JEFFREY JOHN WOLFF

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

This \_\_\_\_\_ day of \_\_\_\_\_, \_\_\_\_\_ before me personally came the above-named **JEFFREY JOHN WOLFF**, 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: Ajith Kuttannair Kumar  
AJITH KUTTANNAIR KUMAR

Date: Dec 8, 2015

Witnessed by: [Signature]  
Signature

Date: 12/8/2015

Dharmadev Singh  
Printed Name of Witness

Witnessed by: [Signature]  
Signature

Date: 12/8/15

Johnny Carache  
Printed Name of Witness

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

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

AJITH KUTTANNAIR KUMAR

STATE OF

ss.

COUNTY OF

This \_\_\_\_\_ day of \_\_\_\_\_, \_\_\_\_\_ before me personally came the above-named **AJITH KUTTANNAIR KUMAR**, 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: Henry Todd Young  
HENRY TODD YOUNG

Date: 4/14/2016

Witnessed by: Dean Reider  
Signature

Date: 4/14/2016

Dean Reider  
Printed Name of Witness

Witnessed by: Kenneth P. Wedley  
Signature

Date: 4/19/2016

Kenneth P. Wedley  
Printed Name of Witness

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

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

HENRY TODD YOUNG

STATE OF

ss.

COUNTY OF

This \_\_\_\_\_ day of \_\_\_\_\_, \_\_\_\_\_ before me personally came the above-named **HENRY TODD YOUNG**, 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: [Handwritten Signature]  
JASON DANIEL KUTTENKULER

Date: 12/9/15

Witnessed by: [Handwritten Signature]  
Signature

Date: 12/8/15

Tony Fara  
Printed Name of Witness

Witnessed by: [Handwritten Signature]  
Signature

Date: 12/9/15

Kenneth P. Nedley  
Printed Name of Witness

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

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

JASON DANIEL KUTTENKULER

STATE OF

ss.

COUNTY OF

This \_\_\_\_\_ day of \_\_\_\_\_, \_\_\_\_\_ before me personally came the above-named JASON DANIEL KUTTENKULER, 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: [Handwritten Signature]  
MAKSIM V. BORISENKO

Date: 12/10/15

Witnessed by: [Handwritten Signature]  
Signature

Date: 12/10/15

Erik Pollard  
Printed Name of Witness

Witnessed by: [Handwritten Signature]  
Signature

Date: 12/10/15

Olumuyiwa V. Atoki  
Printed Name of Witness

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

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

MAKSIM V. BORISENKO

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

This \_\_\_\_\_ day of \_\_\_\_\_, \_\_\_\_\_ before me personally came the above-named **MAKSIM V. BORISENKO**, 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. 283322

INVENTOR 6

Signature: \_\_\_\_\_  
EDWARD PETRAK

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**



Date: 12/22/15

EDWARD PETRAK

STATE OF

ss.

COUNTY OF

This 22 day of December, 2015 before me personally came the above-named EDWARD PETRAK, 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)

