

PATENT ASSIGNMENT COVER SHEET

Electronic Version v1.1
 Stylesheet Version v1.2

EPAS ID: PAT3542085

SUBMISSION TYPE:	NEW ASSIGNMENT
NATURE OF CONVEYANCE:	ASSIGNMENT
CONVEYING PARTY DATA	
Name	Execution Date
CHETAN SHARADCHANDRA TULAPURKAR	09/04/2015
MANOJ GOKHALE	09/02/2015
ROY JAMES PRIMUS	08/31/2015
LESLIE ORIN TRASK	08/31/2015
JAMES ROBERT MISCHLER	09/23/2015
ADAM EDGAR KLINGBEIL	09/16/2015
THOMAS MICHAEL LAVERTU	09/01/2015
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	
Property Type	Number
Application Number:	14864984
CORRESPONDENCE DATA	
Fax Number:	(203)373-7153
<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>	
Phone:	203-366-7473
Email:	Claire.Murray@ge.com
Correspondent Name:	GE GPO- TRANSPORTATION- ALLEMAN HALL MCC
Address Line 1:	3135 EASTON TURNPIKE
Address Line 4:	FAIRFIELD, CONNECTICUT 06828
ATTORNEY DOCKET NUMBER:	278493 _1
NAME OF SUBMITTER:	JOHN A. KRAMER
SIGNATURE:	/John A. Kramer/
DATE SIGNED:	09/25/2015

Total Attachments: 9

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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 CONTROLLING AN ENGINE AIR-FUEL RATIO

- the specification of which is attached hereto OR
- United States application or PCT international application number 14/864984 filed on September 25, 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
Chetan	Sharadchandra	Tulapurkar	of	Bangalore		IN
Manoj		Gokhale	of	Bangalore		IN
Roy	James	Primus	of	Niskayuna	NY	US
Leslie	Orin	Trask	of	McKean	PA	US
James	Robert	Mischler	of	Girard	PA	US
Adam	Edgar	Klingbeil	of	Ballston Lake	NY	US
Thomas	Michael	Lavertu	of	Clifton Park	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: *[Signature]*
Chetan Sharadchandra Tulapurkar

Date: 4th Sept. 2015.

Witnessed by: *[Signature]*
Signature

Date: 4th Sept. 2015

ANUJ PAL
Printed Name of Witness

Witnessed by: *[Signature]*
Signature

Date: 04th Sept 2015

Sampreet Arakeri
Printed Name of Witness

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

_____ Date: _____

Chetan Sharadchandra Tulapurkar

STATE OF _____
ss.
COUNTY OF _____

This _____ day of _____ before me personally came the above-named Chetan Sharadchandra Tulapurkar, 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: Manoj Gokhale
Manoj Gokhale

Date: September 2, 2015

Witnessed by: Krishnendu Saha
Signature

Date: September 2, 2015

KRISHNENDU SAHA
Printed Name of Witness

Witnessed by: Saumitra Saxena
Signature

Date: September 2, 2015

SANMITRA SAXENA
Printed Name of Witness

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

..... Date:

Manoj Gokhale

STATE OF

ss.

COUNTY OF

This _____ day of _____, _____ before me personally came the above-named Manoj Gokhale, 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: Roy J Primus
Roy James Primus

Date: 8/31/2015

Witnessed by: [Signature]
Signature

Date: 8/31/2015

Bianca Hejman-Kent
Printed Name of Witness

Witnessed by: Jennifer L. Jackson
Signature

Date: 8/31/2015

Jennifer L. Jackson
Printed Name of Witness

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_____ Date: _____

Roy James Primus

STATE OF

ss.

COUNTY OF

This _____ day of _____, _____ before me personally came the above-named Roy James Primus, 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]
Leslie Orin Trask

Date: 8/31/2015

Witnessed by: [Handwritten Signature]
Signature

Date: 8/31/15

DANIEL LORINGER
Printed Name of Witness

Witnessed by: [Handwritten Signature]
Signature

Date: 8/31/2015

Jeff Willis
Printed Name of Witness

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_____ Date: _____

Leslie Orin Trask

STATE OF

ss.

COUNTY OF

This _____ day of _____, _____ before me personally came the above-named Leslie Orin Trask, 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: James Robert Mischler
James Robert Mischler

Date: 9/23/2015

Witnessed by: Michael Mangus
Signature

Date: 9/23/2015

Michael Mangus
Printed Name of Witness

Witnessed by: Rob Altan
Signature

Date: 9/23/2015

Rob Altan
Printed Name of Witness

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_____ Date: _____

James Robert Mischler

STATE OF

ss.

COUNTY OF

This _____ day of _____, _____ before me personally came the above-named James Robert Mischler, 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: [Signature]
Adam Edgar Klingbeil

Date: 07-16-2015

Witnessed by: [Signature]
Signature

Date: 9-16-15

Amanda Hill
Printed Name of Witness

Witnessed by: [Signature]
Signature

Date: 9-16-15

Bianca Heiman-Kelth
Printed Name of Witness

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_____ Date: _____

Adam Edgar Klingbeil

STATE OF

ss.

COUNTY OF

This _____ day of _____, _____ before me personally came the above-named Adam Edgar Klingbeil, 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 7

Signature: Thomas Michael Lavertu
Thomas Michael Lavertu

Date: Sep. 1, 2015

Witnessed by: James W. Wiedenbecker
Signature
James Wiedenbecker
Printed Name of Witness

Date: 9/1/2015

Witnessed by: Jennifer L. Jackson
Signature
Jennifer L. Jackson
Printed Name of Witness

Date: 9/1/2015

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_____ Date: _____

Thomas Michael Lavertu

STATE OF

ss.

COUNTY OF

This _____ day of _____, _____ before me personally came the above-named **Thomas Michael Lavertu**, 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)