

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>Shridhar Shrikant Kulkarni</td> <td>06/22/2012</td> </tr> <tr> <td>Gail LeRoy Detar</td> <td>01/09/2013</td> </tr> <tr> <td>Shashi Kiran</td> <td>11/28/2012</td> </tr> <tr> <td>Jessica Lynn Plummer</td> <td>07/10/2012</td> </tr> <tr> <td>Lawrence Heverley III</td> <td>01/04/2013</td> </tr> </tbody> </table>		Name	Execution Date	Shridhar Shrikant Kulkarni	06/22/2012	Gail LeRoy Detar	01/09/2013	Shashi Kiran	11/28/2012	Jessica Lynn Plummer	07/10/2012	Lawrence Heverley III	01/04/2013
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<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		
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PROPERTY NUMBERS Total: 1													
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CORRESPONDENCE DATA													
<p>Fax Number: 2039446712 <i>Correspondence will be sent via US Mail when the fax attempt is unsuccessful.</i></p> <p>Phone: 203-944-6755 Email: Claire.Murray@ge.com Correspondent Name: GE Global Patent Operation Address Line 1: 2 Corporate Drive, Suite 648 Address Line 4: Shelton, CONNECTICUT 06484</p>													
ATTORNEY DOCKET NUMBER:	243591_6												
NAME OF SUBMITTER:	John A. Kramer												
Total Attachments: 6													

CH \$40.00 13518122

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ASSIGNMENT

In accordance with our obligations 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 the General Electric Company, a New York Corporation, and my employer), and/or for other good and valuable consideration of which we acknowledge receipt, we,

Shridhar Shrikant Kulkarni	of	Erie, Pennsylvania, United States of America
Gail LeRoy Detar	of	Erie, Pennsylvania, United States of America
Shashi Kiran	of	Erie, Pennsylvania, United States of America
Jessica Lynn Plummer	of	Erie, Pennsylvania, United States of America
Lawrence Heverley, III	of	Ripley, New York, United States of America

hereby sell and assign to General Electric Company having an address at 1 River Road, Schenectady, New York, 12345 hereinafter referred to as "Company", its successors and assigns our entire respective rights, titles and interests in and to the invention and improvements invented and originated by us and described in the US Provisional Application No. 61/288841 which was filed on December 21, 2009; the PCT Application No. PCT/US10/61681 which was filed on December 21, 2010 and for the non-provisional application for United States Patent Application No. 13/518122 which was filed on June 21, 2012 currently entitled:

EMISSIONS CONTROL SYSTEMS AND METHODS

Executed concurrently herewith,

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

Docket No. 243591-6 "Assignment Signature Page"
EMISSIONS CONTROL SYSTEMS AND METHODS

INVENTOR 1

Signature: [Signature]

Shridhar Shrikant Kulkarni

Date: 6/22/2012

Witnessed by: [Signature]
Signature

Date: 6/22/2012

Ed Pawlowski
Printed Name of Witness

Witnessed by: [Signature]
Signature

Date: 06/22/2012

Trushant Desai
Printed Name of Witness

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

Shridhar Shrikant Kulkarni
STATE OF _____

ss.
COUNTY OF _____

Date: _____

This _____ day of _____, _____ before me personally came the above-named **Shridhar Shrikant Kulkarni** 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: _____

Gail LeRoy Detar

Date: _____

9 January 2013

Witnessed by: _____

Belinda Moody

Signature

Date: _____

1/9/13

Printed Name of Witness

Witnessed by: _____

Gregg A. Boyd

Signature

Date: _____

1/9/13

Printed Name of Witness

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

Gail LeRoy Detar
STATE OF PA

Date: _____

9 January 2013

ss.

COUNTY OF Erie

This 9 day of January, 2013 before me personally came the above-named Gail LeRoy Detar, 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

Jessica A. Figoli
(Notary Public)

COMMONWEALTH OF PENNSYLVANIA

Notarial Seal

Jessica Ann Figoli, Notary Public

City of Erie, Erie County

My Commission Expires April 7, 2014

Member, Pennsylvania Association of Notaries

INVENTOR 3

Signature: Shi
Shashi Kiran

Date: 11/28/12

Witnessed by: Anastasiya Dubrovina
Signature

Date: 11/28/2012

ANASTASIYA DUBROVINA
Printed Name of Witness

Witnessed by: Aarth Vaidyanathan
Signature

Date: 11/28/2012

AARTHY VAIDYANATHAN
Printed Name of Witness

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

Shashi Kiran
STATE OF _____
COUNTY OF _____ ss.

Date: _____

This _____ day of _____, _____ before me personally came the above-named Shashi Kiran, 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: *Jessica Lynn Plummer*
Jessica Lynn Plummer

Date: 7/10/12

Witnessed by: *Anastasiya Dubrovina*
Signature

Date: 7/10/12

ANASTASIYA DUBROVINA
Printed Name of Witness

Witnessed by: *Isiah Brenner*
Signature

Date: 7/10/12

Isiah Brenner
Printed Name of Witness

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

Jessica Lynn Plummer
STATE OF _____

ss.
COUNTY OF _____

Date: _____

This _____ day of _____, _____ before me personally came the above-named Jessica Lynn Plummer, 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: _____

Lawrence Heverley, III

Date: _____

1/4/2013

Witnessed by: _____

Signature

Date: _____

1/4/2013

Phillip R. Ables

Printed Name of Witness

Witnessed by: _____

Signature

Date: _____

1/4/2013

Andrew K. Fortune

Printed Name of Witness

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

Lawrence Heverley, III

Date: _____

STATE OF _____

ss. _____

COUNTY OF _____

This _____ day of _____, _____ before me personally came the above-named **Lawrence Heverley, III**, 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)