

PATENT ASSIGNMENT

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| SUBMISSION TYPE: | NEW ASSIGNMENT |
| NATURE OF CONVEYANCE: | ASSIGNMENT |
| CONVEYING PARTY DATA | |
| Name | Execution Date |
| Hejie Li | 12/17/2010 |
| Shawn David Wehe | 12/17/2010 |
| Keith Robert McManus | 12/17/2010 |
| 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: | 12971154 |
| CORRESPONDENCE DATA | |
| Fax Number: | (866)308-9939 |
| <i>Correspondence will be sent via US Mail when the fax attempt is unsuccessful.</i> | |
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| Email: | rosssr@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: | 243253-1 |
| NAME OF SUBMITTER: | Joseph J. Christian |

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Total Attachments: 4
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ASSIGNMENT

In accordance with my/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 I/we acknowledge receipt, I/we,

| | | |
|----------------------|----|------------------|
| Hejie Li | of | Clifton Park, NY |
| Shawn David Wehe | of | Niskayuna, NY |
| Keith Robert McManus | of | Clifton Park, NY |

hereby sell and assign to General Electric Company, a New York Corporation, (hereinafter referred to as Assignee) having an address at 1 River Road, Schenectady, New York 12345, USA, its successors and assigns my (our) entire respective right(s), title(s) and interest(s) in and to the invention and improvements invented and originated by me/us and described in the application for United States Patent currently entitled:

SYSTEM AND METHOD FOR REAL-TIME MEASUREMENT OF EQUIVALENCE RATIO OF GAS FUEL MIXTURE

executed concurrently herewith.

filed on 12/17/2010 having Serial Number 12/971154.

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 Assignee, or its successors or assigns and agree that on request and without further consideration, but at the expense of said Assignee, I/we will communicate to said Assignee or its representatives or nominees any facts known to me/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 Assignee, its successors, assigns, and nominees to obtain and enforce proper patent protection for said invention and its improvements in all countries.

INVENTOR 1

Signature: Hejie Li
Hejie Li

Date: 12/17/2010

Witnessed by: Fubua Ma
Signature

Date: 12/17/2010

Fubua Ma
Printed Name of Witness

Witnessed by: Wm. F. Monaghan Jr.
Signature

Date: 12-17-2010

Wm. F. Monaghan Jr.
Printed Name of Witness

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

Hejie Li Date: _____

STATE OF NEW YORK

ss.

COUNTY OF SCHENECTADY

This _____ day of _____, _____ before me personally came the above-named Hejie Li, 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: Shawn David Wehe
Shawn David Wehe

Date: DEC. 17, 2010

Witnessed by: Dannelle M Kalitan
Signature

Date: Dec 17, 2010

Dannelle M Kalitan
Printed Name of Witness

Witnessed by: Erin Jensen
Signature

Date: Dec 17, 2010

Erin Jensen
Printed Name of Witness

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

Shawn David Wehe Date: _____

STATE OF NEW YORK
COUNTY OF SCHENECTADY

This _____ day of _____, _____ before me personally came the above-named Shawn David Wehe, 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]
Keith Robert McManus

Date: 12-17-2010

Witnessed by: [Handwritten Signature]
Signature
YING HUANG
Printed Name of Witness

Date: 12-17-2010

Witnessed by: [Handwritten Signature]
Signature
Erin Jensen
Printed Name of Witness

Date: 12-17-10

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

Keith Robert McManus Date: _____

STATE OF NEW YORK
ss.
COUNTY OF SCHENECTADY

This _____ day of _____, _____ before me personally came the above-named Keith Robert McManus, 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)

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