504082615 11/04/2016 PATENT ASSIGNMENT COVER SHEET

Electronic Version v1.1 Stylesheet Version v1.2 EPAS ID: PAT4129283

| | | NEW ASSIGNMENT | | |
|--|---|--|---|--|
| ASSIGNMENT | | | | |
| CONVEYING PARTY | Y DATA | | | |
| | | Name | Execution Date | |
| GREGORY ALLEN E | BOARDMAN | AN 09/29/2016 | | |
| PRADEEP NAIK 09/30/2016 | | | 9/30/2016 | |
| MANAMPATHY GAN | IGADHARA | N GIRIDHARAN 1 | 1/03/2016 | |
| DAVID ALBIN LIND | | 1 | 0/14/2016 | |
| | | | 0/03/2016 | |
| RECEIVING PARTY | DATA | | | |
| Name: | GENE | RAL ELECTRIC COMPANY | | |
| Street Address: | 1 RIVE | R ROAD | | |
| City: | SCHE | IECTADY | | |
| State/Country: | NEW | NEW YORK | | |
| Postal Code: | 12345 | | | |
| | | | | |
| | | | | |
| | | I | | |
| Property Ty | ре | Number | | |
| | ре | Number 15343601 | | |
| Property Ty Application Number | pe r: | | | |
| Property Ty Application Number CORRESPONDENC | pe r: | 15343601 | | |
| Property Ty Application Number CORRESPONDENC Fax Number: | pe r: E DATA | (203)373-7153 | t will be sent | |
| Property Ty Application Number CORRESPONDENC Fax Number: <i>Correspondence wi</i> | pe r: E DATA ill be sent to | 15343601 | | |
| Property Ty Application Number CORRESPONDENC Fax Number: <i>Correspondence wi</i> <i>using a fax number</i> , Phone: | pe r: E DATA ill be sent to | 15343601 (203)373-7153 o the e-mail address first; if that is unsuccessful, i I; if that is unsuccessful, it will be sent via US Mai 203-366-7473 | Ι. | |
| Property Ty Application Number CORRESPONDENC Fax Number: <i>Correspondence wi</i> <i>using a fax number</i> , Phone: Email: | pe r: E DATA ill be sent to , if provide | 15343601 (203)373-7153 b the e-mail address first; if that is unsuccessful, i l; if that is unsuccessful, it will be sent via US Mai 203-366-7473 gpo.mail@ge.com,gpodckt.mail@ge.com,tsomers@c | <i>I.</i> dority-manning.com,docketing | |
| Property Ty Application Number CORRESPONDENC Fax Number: <i>Correspondence wi</i> <i>using a fax number</i> , Phone: Email: Correspondent Nam | pe r: E DATA ill be sent to , if provide | 15343601 (203)373-7153 o the e-mail address first; if that is unsuccessful, i I; if that is unsuccessful, it will be sent via US Mai 203-366-7473 gpo.mail@ge.com,gpodckt.mail@ge.com,tsomers@c GENERAL ELECTRIC COMPANY GLOBAL PATEN | <i>I.</i> dority-manning.com,docketing | |
| Property Ty Application Number CORRESPONDENC Fax Number: <i>Correspondence wi</i> <i>using a fax number</i> , Phone: Email: Correspondent Nam Address Line 1: | pe r: E DATA ill be sent to , if provide | 15343601 (203)373-7153 b the e-mail address first; if that is unsuccessful, i l; if that is unsuccessful, it will be sent via US Mai 203-366-7473 gpo.mail@ge.com,gpodckt.mail@ge.com,tsomers@c GENERAL ELECTRIC COMPANY GLOBAL PATEN 901 MAIN AVENUE | <i>I.</i> dority-manning.com,docketing | |
| Property Ty Application Number CORRESPONDENC Fax Number: <i>Correspondence wi</i> <i>using a fax number</i> , Phone: Email: Correspondent Nam Address Line 1: Address Line 2: | pe r: E DATA ill be sent to , if provide | 15343601 (203)373-7153 o the e-mail address first; if that is unsuccessful, i i; if that is unsuccessful, it will be sent via US Mai 203-366-7473 gpo.mail@ge.com,gpodckt.mail@ge.com,tsomers@c GENERAL ELECTRIC COMPANY GLOBAL PATEN 901 MAIN AVENUE 3RD FLOOR | <i>I.</i> dority-manning.com,docketing | |
| Property Ty Application Number CORRESPONDENC Fax Number: Correspondence wi using a fax number, Phone: Email: Correspondent Nam Address Line 1: | pe r: E DATA ill be sent to , if provide | 15343601 (203)373-7153 b the e-mail address first; if that is unsuccessful, i l; if that is unsuccessful, it will be sent via US Mai 203-366-7473 gpo.mail@ge.com,gpodckt.mail@ge.com,tsomers@c GENERAL ELECTRIC COMPANY GLOBAL PATEN 901 MAIN AVENUE | <i>I.</i> dority-manning.com,docketin | |
| Property Ty Application Number CORRESPONDENC Fax Number: Correspondence wi using a fax number, Phone: Email: Correspondent Nam Address Line 1: Address Line 2: | pe r: E DATA ill be sent to , if provided | 15343601 (203)373-7153 o the e-mail address first; if that is unsuccessful, i i; if that is unsuccessful, it will be sent via US Mai 203-366-7473 gpo.mail@ge.com,gpodckt.mail@ge.com,tsomers@c GENERAL ELECTRIC COMPANY GLOBAL PATEN 901 MAIN AVENUE 3RD FLOOR | <i>I.</i> dority-manning.com,docketin | |
| Property Ty Application Number CORRESPONDENC Fax Number: Correspondence wi using a fax number, Phone: Email: Correspondent Nam Address Line 1: Address Line 2: Address Line 4: | pe r: E DATA ill be sent to , if provide ne: | 15343601 (203)373-7153 b the e-mail address first; if that is unsuccessful, i l; if that is unsuccessful, it will be sent via US Mai 203-366-7473 gpo.mail@ge.com,gpodckt.mail@ge.com,tsomers@c GENERAL ELECTRIC COMPANY GLOBAL PATEN 901 MAIN AVENUE 3RD FLOOR NORWALK, CONNECTICUT 06851 | <i>I.</i> dority-manning.com,docketin | |
| Property Ty Application Number CORRESPONDENC Fax Number: Correspondence wi using a fax number, Phone: Email: Correspondent Nam Address Line 1: Address Line 2: Address Line 4: | pe r: E DATA ill be sent to , if provide ne: | 15343601 (203)373-7153 o the e-mail address first; if that is unsuccessful, i i; if that is unsuccessful, it will be sent via US Mai 203-366-7473 gpo.mail@ge.com,gpodckt.mail@ge.com,tsomers@c GENERAL ELECTRIC COMPANY GLOBAL PATEN 901 MAIN AVENUE 3RD FLOOR NORWALK, CONNECTICUT 06851 314098-1/GECV-333 | <i>I.</i> dority-manning.com,docketin | |
| Property Ty Application Number CORRESPONDENC Fax Number: Correspondence wi using a fax number, Phone: Email: Correspondent Nam Address Line 1: Address Line 2: Address Line 2: Address Line 4: | pe r: E DATA ill be sent to , if provide ne: | 15343601 (203)373-7153 o the e-mail address first; if that is unsuccessful, i i; if that is unsuccessful, it will be sent via US Mai 203-366-7473 gpo.mail@ge.com,gpodckt.mail@ge.com,tsomers@c GENERAL ELECTRIC COMPANY GLOBAL PATEN 901 MAIN AVENUE 3RD FLOOR NORWALK, CONNECTICUT 06851 314098-1/GECV-333 ALAN R. MARSHALL | <i>I.</i> dority-manning.com,docketing | |

| Total Attachments: 7 | |
|--|--|
| source=314098-1_US_True_and_Accurate_Copy_Dec_Assignment_GECV333#page1.tif | |
| source=314098-1_US_True_and_Accurate_Copy_Dec_Assignment_GECV333#page2.tif | |
| source=314098-1_US_True_and_Accurate_Copy_Dec_Assignment_GECV333#page3.tif | |
| source=314098-1_US_True_and_Accurate_Copy_Dec_Assignment_GECV333#page4.tif | |
| source=314098-1_US_True_and_Accurate_Copy_Dec_Assignment_GECV333#page5.tif | |
| source=314098-1_US_True_and_Accurate_Copy_Dec_Assignment_GECV333#page6.tif | |
| source=314098-1_US_True_and_Accurate_Copy_Dec_Assignment_GECV333#page7.tif | |
| | |

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:

CENTERBODY INJECTOR MINI MIXER FUEL NOZZLE ASSEMBLY

- the specification of which is attached hereto OR
- X
- United States application or PCT international application number filed on November 4, 2016 15/343,601 , 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, l/we.

| Inventor First Name | Inventor Middle Name | Inventor Last Name | | Residence Town | Residence State | Residence Country |
|------------------------|-------------------------|-----------------------|----|-------------------|--------------------|----------------------|
| I II SL INGILIS | | Last Maine | | 1 (3841) | JIAIC | oounay |
| Gregory | Allen | Boardman | of | Liberty Township | Ohio | USA |
| Pradeep | | Naik | of | Bangalore | Karnataka | IN |
| Manampathy | Gangadharan | Giridharan | of | Mason | Ohio | USA |
| David | Albin | Lind | of | Lebanon | Ohio | USA |
| Jeffrey | Michael | Martini | of | Hamilton | Ohio | USA |

hereby sell and assign to:

3

Name of Company: General Electric Company

Entity Type (optional): New York corporation

Address: 1 River Road, Schenectady, New York 12345 USA

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 |
|-------------------|----------------|--------------------|-------------|-------|
| | | | | |
| | | | | |
| | | | 33 | |

(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.

PATENT REEL: 040224 FRAME: 0807

INVENTOR 1 Signature: Grégory Allen Boardman

2016

Witnessed by: Signature

2016 Date:

Printed Name of Witness

Witnessed by: Signature

Date: 9/29 /2016

Printed Name of Witness

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

Gregory Allen Boardman

Date:

Date:

STATE OF

SS.

COUNTY OF

This ______day of ______, ____before me personally came the above-named <u>Gregory Allen Boardman</u>, 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)

PATENT REEL: 040224 FRAME: 0808

3

INVENTOR 2

| Signature: Pradeep Nalk | Date: <u>213012016</u> |
|---|--|
| Wimessed by: <u>A/?# Pata</u> Signature | Date: <u>7/30/2016</u> |
| <u>A.Toy PATRA</u> Printed Name of Witness | |
| Witnessed by: Outantian Signature | Osto: <u>9}302016</u> |
| R. Naraginha Chiravellan Printed Name of Wilness | |
| SECTION BELOW IS FOR USE ONLY IF S | AGNING IN PRESENCE OF A NOTARY |
| Pracisep Naik | Dats: |
| STATE OF | |
| COUNTY OF | |
| Thisday of, Pradeop Malk, to me personally known as the who acknowledged to me that he/she execute therein set forth | before me personally came the above-named i individual who executed the foregoing assignment, d the same of his/her own free will for the purposes |
| | |

(Notary Public)

PATENT REEL: 040224 FRAME: 0809

\$

INVENTOR 3 Manampathy hangadhagan Envide Signature:

<u>1/3/2016</u> Date:

Manampathy Gangadharan Giridharan

KOUFMAN

Witnessed by Signature

Printed Name of Witness

Witnessed b Signature

A

12016 3 Date:

Printed Name of Witness

BRIAN

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

Manampathy Gangadharan Giridharan

Date:

Date:

STATE OF

COUNTY OF

88.

This ______ day of ______ before me personally came the above-named <u>Manampathy Gangadharan Giridharan</u>, 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)

5

INVENTOR 4 in Low Date: 10/14/2016 Signature: 🕢 Dăvid Albin Lind

Witnessed by: Soehm

Date:

Printed Name of Witness

Witnessed by: Signature

FONG

Date: 10/14/2016

Printed Name of Witness

KAK

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

David Albin Lind

Date:

STATE OF

COUNTY OF

35.

This ______day of ______, _____before me personally came the above-named David Albin Lind, 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)

8

PATENT REEL: 040224 FRAME: 0811

INVENTOR 5

| Signature: <u>Stand Michael Martini</u> | Date: 3 CCT ZOK |
|--|------------------------|
| Witnessed by: <u>Alphan</u> | Date: <u>3007</u> 20/6 |
| ALLON M. JANIS Printed Name of Witness | |
| Witnessed by: <u>A.S.</u> Signature | Date: <u>10/3/16</u> |
| Jacob // Fester Printed Name of Witness | |

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

Jeffrey Michael Martini

Date:

STATE OF

COUNTY OF

\$\$.

This ______ day of ______, _____ before me personally came the above-named <u>Jeffrey Michael Martini</u>, 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)

PATENT REEL: 040224 FRAME: 0812

RECORDED: 11/04/2016