502374466 06/06/2013

PATENT ASSIGNMENT

Electronic Version v1.1 Stylesheet Version v1.1

| SUBMISSION TYPE: | NEW ASSIGNMENT |
|-----------------------|----------------|
| NATURE OF CONVEYANCE: | ASSIGNMENT |

CONVEYING PARTY DATA

| Name | Execution Date |
|-----------------------|----------------|
| Stanley Kevin Widener | 06/06/2013 |
| Attila Szabo | 06/05/2013 |

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: | 13911348 |

CORRESPONDENCE DATA

Fax Number: 8602860115

Correspondence will be sent via US Mail when the fax attempt is unsuccessful.

Phone: 860-286-2929

Email: bstoeckel@cantorcolbum.com

Correspondent Name: Cantor Colburn LLP - General Electric

Address Line 1: 20 Church Street, 22nd Floor

Address Line 4: Hartford, CONNECTICUT 06103-3207

| ATTORNEY DOCKET NUMBER: | 264403-1 |
|-------------------------|----------------|
| NAME OF SUBMITTER: | Victor Kernus |
| Signature: | /Victor Kemus/ |
| Date: | 06/06/2013 |
| | |

PATENT REEL: 030558 FRAME: 0766 OP \$40.00 13911

| | 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:

TURBOMACHINE FUEL-AIR MIXER COMPONENT INCLUDING AN ADDITIVELY MANUFACTURED PORTION JOINED TO A NON-ADDITIVELY MANUFACTURED PORTION AND METHOD

| 1852-51 | on mon | | AND METHO | D | |
|---------|-------------|-----------------------------------|-------------------|--|-------|
| | | the specification of wh | ich is attached h | ereto OR | |
| | \boxtimes | United States applicat 13/911,348 | | ational application number June 6, 2013 | , as |
| | | ` | nd request the Co | mpany or its delegated attorneing date of the application wher | |
| The | above-id | entified application was | made or authoriz | zed to be made by us. | |
| We k | oelieve th | at we are original joint i | nventors of a cla | imed invention in the applica | tion. |
| | | 9 | | ent made in this declaration nore than five (5) vears, or b | • |

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 |
|------------------------|----------------------------|-----------------------|----|----------------|--------------------|----------------------|
| Stanley | Kevin | Widener | of | Greenville | SC | US |
| Attila | | Szabo | of | Encinitas | CA | US |

hereby sell and assign to:

v9.18.12

| 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 |
|-------------------|----------------|--------------------|-------------|-------|
| | | | | |
| | | | | |
| | | | | |

(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.

v9.18.12

| INVENTOR 1 | |
|--|-------------------------------|
| Signature: Stule Kevin Wide STANLEY KEVIN WIDENER | Date: <u>6/6/13</u> |
| Witnessed by: MM 1 | Date: 6/6/13 |
| Math Hather Printed Name of Witness Witnessed by: Signature | Date: <u>6/6/13</u> |
| Triniothy M. Moricco Printed Name of Witness | |
| SECTION BELOW IS FOR USE ONLY IF SIG | INING IN PRESENCE OF A NOTARY |
| STANLEY KEVIN WIDENER | Date: |
| STATE OF ss. | |
| This day of, before STANLEY KEVIN WIDENER, to me personally kr foregoing assignment, who acknowledged to me that he/s will for the purposes therein set forth. | |
| Seal | (Notary Public) |

v9.18.12

3

| INVENTOR 2 | |
|-------------------------------|---|
| Signature:ATTILA SZABO | 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: |
| MI I ILM VENEV | |
| STATE OF ss. | |
| This,,, | before me personally came the above-named as the individual who executed the foregoing executed the same of his/her own free will for the |
| Seal | (Notary Public) |

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06/05/2013 12:01

#280 P.002/009

GE Docket No. 264403-1

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:

TURBOMACHINE FUEL-AIR MIXER COMPONENT INCLUDING AN ADDITIVELY MANUFACTURED PORTION JOINED TO A NON-ADDITIVELY MANUFACTURED PORTION AND METHOD

| | the specification of which is attached hereto OR |
|-------------|--|
| \boxtimes | United States application or PCT international application number |
| | 13/911.348 filed on June 6, 2013 , 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 |
|------------------------|----------------------------|-----------------------|----|----------------|--------------------|----------------------|
| Stanley | Kevin | Widener | of | Greenville | SC | US |
| Attila | | Szabo | of | Encinitas | CA | US |

hereby sell and assign to:

v9.18.12

GE Docket No. 264403-1

From:

| Ì | | | | |
|---|--|--|--|--|
| Name of Company: General Electric Company | | | | |
| The same | 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 |
|-------------------|----------------|--|-------------|--|
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(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.

2

| GE Docket No. 264403-1 | |
|---------------------------------|---|
| INVENTOR 1 | |
| Signature: STANLEY KEVIN WIDENI | Date: |
| Witnessed by:Signature | Date: |
| Printed Name of Witness | |
| Witnessed by:Signature | Date: |
| Printed Name of Witness | |
| | ONLY IF SIGNING IN PRESENCE OF A NOTARY |
| STANLEY KEVIN WIDENER | |
| STATE OF | |
| COUNTY OF | |
| | before me personally came the above-named personally known as the individual who executed the to me that he/she executed the same of his/her own free |
| Seal | (Notary Public) |

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GE Docket No. 264403-1 **INVENTOR 2** Date: 6-5-13 Signature: SRIKANTH KOTTILINGAM SECTION BELOW IS FOR USE ONLY IF SIGNING IN PRESENCE OF A NOTARY Date: _ **ATTILA SZABO** STATE OF 88. **COUNTY OF** , _____ before me personally came the above-named ATTILA SZABO, 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

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4

(Notary Public)