

## PATENT ASSIGNMENT

Electronic Version v1.1  
 Stylesheet Version v1.1

| 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>Wei Chen</td> <td>10/12/2012</td> </tr> <tr> <td>Kevin Weston McMahan</td> <td>10/12/2012</td> </tr> <tr> <td>Gregory Allen Boardman</td> <td>10/17/2012</td> </tr> <tr> <td>Jerome David Brown</td> <td>10/15/2012</td> </tr> </tbody> </table> |  | Name          | Execution Date           | Wei Chen            | 10/12/2012   | Kevin Weston McMahan | 10/12/2012  | Gregory Allen Boardman | 10/17/2012 | Jerome David Brown | 10/15/2012 |
| Name   | Execution Date   |               |                          |                     |              |                      |             |                        |            |                    |            |
| Wei Chen   | 10/12/2012   |               |                          |                     |              |                      |             |                        |            |                    |            |
| Kevin Weston McMahan   | 10/12/2012   |               |                          |                     |              |                      |             |                        |            |                    |            |
| Gregory Allen Boardman   | 10/17/2012   |               |                          |                     |              |                      |             |                        |            |                    |            |
| Jerome David Brown   | 10/15/2012   |               |                          |                     |              |                      |             |                        |            |                    |            |
| RECEIVING PARTY DATA   |  |               |                          |                     |              |                      |             |                        |            |                    |            |
| <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      |
| Name:  | General Electric Company                                   |               |                          |                     |              |                      |             |                        |            |                    |            |
| Street Address:  | 1 River Road   |               |                          |                     |              |                      |             |                        |            |                    |            |
| City:  | Schenectady  |               |                          |                     |              |                      |             |                        |            |                    |            |
| State/Country:   | NEW YORK   |               |                          |                     |              |                      |             |                        |            |                    |            |
| Postal Code:   | 12345  |               |                          |                     |              |                      |             |                        |            |                    |            |
| PROPERTY NUMBERS Total: 1  |  |               |                          |                     |              |                      |             |                        |            |                    |            |
| <table border="1"> <thead> <tr> <th>Property Type</th> <th>Number</th> </tr> </thead> <tbody> <tr> <td>Application Number:</td> <td>13669479</td> </tr> </tbody> </table>  |  | Property Type | Number                   | Application Number: | 13669479     |                      |             |                        |            |                    |            |
| Property Type  | Number   |               |                          |                     |              |                      |             |                        |            |                    |            |
| Application Number:  | 13669479   |               |                          |                     |              |                      |             |                        |            |                    |            |
| CORRESPONDENCE DATA  |  |               |                          |                     |              |                      |             |                        |            |                    |            |
| Fax Number:<br><i>Correspondence will be sent via US Mail when the fax attempt is unsuccessful.</i><br>Phone: 404-853-8000<br>Email: daniel.warren@sutherland.com<br>Correspondent Name: Sutherland GE<br>Address Line 1: 999 Peachtree Street<br>Address Line 4: Atlanta, GEORGIA 30309   |  |               |                          |                     |              |                      |             |                        |            |                    |            |
| ATTORNEY DOCKET NUMBER:  | 19441-0836 (260815)  |               |                          |                     |              |                      |             |                        |            |                    |            |
| NAME OF SUBMITTER:   | Daniel J. Warren   |               |                          |                     |              |                      |             |                        |            |                    |            |
|  | This document serves as an Oath/Declaration (37 CFR 1.63). |               |                          |                     |              |                      |             |                        |            |                    |            |

CH \$40.00 13669479

**Total Attachments: 6**

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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:

**MICRO-MIXER NOZZLE**

- ☐ the specification of which is attached hereto OR
- ☒ United States application or PCT international application number  
November 6, 2012 filed on 13/669,479, 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<br>First Name | Inventor<br>Middle<br>Name | Inventor Last<br>Name |    | Residence Town | Residence<br>State | Residence<br>Country |
|------------------------|----------------------------|-----------------------|----|----------------|--------------------|----------------------|
| Wei                    |                            | Chen                  | of | Greer          | SC                 | US                   |
| Kevin                  | Weston                     | McMahan               | of | Greer          | SC                 | US                   |
| Gregory                | Allen                      | Boardman              | of | Greer          | SC                 | US                   |
| Jerome                 | David                      | Brown                 | of | Simpsonville   | SC                 | 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:   
Wei Chen

Date: 10/12/2012

Witnessed by:   
Signature

Date: 10/12/2012

Derek Ouellet  
Printed Name of Witness

Witnessed by:   
Signature

Date: 10/12/2012

M. Christopher Gibson  
Printed Name of Witness

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

\_\_\_\_\_  
Wei Chen Date: \_\_\_\_\_

STATE OF SOUTH CAROLINA

ss.

COUNTY OF \_\_\_\_\_

This \_\_\_\_\_ day of \_\_\_\_\_, \_\_\_\_\_ before me personally came the above-named **Wei Chen**, 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.

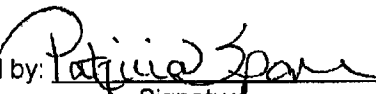
Seal

\_\_\_\_\_  
(Notary Public)

INVENTOR 2

Signature:   
Kevin Weston McMahan

Date: 10/12/2012

Witnessed by:   
Signature

Date: 10/12/2012

PATRICIA SPARKS  
Printed Name of Witness

Witnessed by:   
Signature

Date: 10/12/2012

WILLIAM BYRNE  
Printed Name of Witness

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

\_\_\_\_\_  
Kevin Weston McMahan Date: \_\_\_\_\_

STATE OF SOUTH CAROLINA

ss.


COUNTY OF \_\_\_\_\_

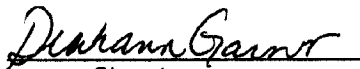
This \_\_\_\_\_ day of \_\_\_\_\_, \_\_\_\_\_ before me personally came the above-named **Kevin Weston McMahan**, to me personally known as the individual who executed the foregoing assignment, who acknowledged to me that he/she executed the same of his/her own free will for the purposes therein set forth.

Seal


\_\_\_\_\_  
(Notary Public)

INVENTOR 3

Signature:  Date: 10/17/2012  
Gregory Allen Boardman

Witnessed by:  Date: 10/17/2012  
Signature

Diahann Garner  
Printed Name of Witness

Witnessed by:  Date: 10/17/2012  
Signature

JAYAPRAKASH NATARAJAN  
Printed Name of Witness

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

\_\_\_\_\_  
Gregory Allen Boardman Date: \_\_\_\_\_

STATE OF SOUTH CAROLINA

ss.

COUNTY OF \_\_\_\_\_

This \_\_\_\_\_ day of \_\_\_\_\_, \_\_\_\_\_ before me personally came the above-named  
**Gregory Allen Boardman**, 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: Jerome D. Brown  
Jerome David Brown

Date: 10/15/2012

Witnessed by: Scott R. Simmons  
Signature

Date: 10/15/2012

Scott R. Simmons  
Printed Name of Witness

Witnessed by: Tong Zou  
Signature

Date: 10/15/12

TONG ZOU  
Printed Name of Witness

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

\_\_\_\_\_  
Jerome David Brown Date: \_\_\_\_\_

STATE OF SOUTH CAROLINA

ss.

COUNTY OF \_\_\_\_\_

This \_\_\_\_\_ day of \_\_\_\_\_, \_\_\_\_\_ before me personally came the above-named **Jerome David Brown**, 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)