

## PATENT ASSIGNMENT COVER SHEET

Electronic Version v1.1  
 Stylesheet Version v1.2

EPAS ID: PAT2861692

<b>SUBMISSION TYPE:</b>	NEW ASSIGNMENT
<b>NATURE OF CONVEYANCE:</b>	ASSIGNMENT
<b>CONVEYING PARTY DATA</b>	
<b>Name</b>	<b>Execution Date</b>
PATRICK EDWARD PASTECKI	02/06/2014
BALAKRISHNAN PONNURAJ	02/06/2014
JAMES ARTHUR SIMMONS	05/14/2014
RAVINDER YERRAM	02/06/2014
<b>RECEIVING PARTY DATA</b>	
<b>Name:</b>	General Electric Company
<b>Street Address:</b>	1 River Road
<b>City:</b>	Schenectady
<b>State/Country:</b>	NEW YORK
<b>Postal Code:</b>	12345
<b>PROPERTY NUMBERS Total: 1</b>	
<b>Property Type</b>	<b>Number</b>
<b>Application Number:</b>	14201680
<b>CORRESPONDENCE DATA</b>	
<b>Fax Number:</b>	(281)970-4503
<i>Correspondence will be sent to the e-mail address first; if that is unsuccessful, it will be sent using a fax number, if provided; if that is unsuccessful, it will be sent via US Mail.</i>	
<b>Phone:</b>	281-970-4545
<b>Email:</b>	swanson@fyiplaw.com, docket@fyiplaw.com, cheryl.jones@fyiplaw.com
<b>Correspondent Name:</b>	FLETCHER YODER, C/O TAIT SWANSON
<b>Address Line 1:</b>	PO BOX 692289
<b>Address Line 4:</b>	HOUSTON, TEXAS 77269-2289
<b>ATTORNEY DOCKET NUMBER:</b>	270963-1 (GEAE:0035)
<b>NAME OF SUBMITTER:</b>	TAIT R. SWANSON
<b>SIGNATURE:</b>	/Tait R. Swanson/
<b>DATE SIGNED:</b>	05/19/2014
This document serves as an Oath/Declaration (37 CFR 1.63).	
<b>Total Attachments: 6</b>	
source=270963-1_GEAE0035_Declaration_and_Assignment_19MAY2014#page1.tif	

source=270963-1\_GEAE0035\_Declaration\_and\_Assignment\_19MAY2014#page2.tif  
source=270963-1\_GEAE0035\_Declaration\_and\_Assignment\_19MAY2014#page3.tif  
source=270963-1\_GEAE0035\_Declaration\_and\_Assignment\_19MAY2014#page4.tif  
source=270963-1\_GEAE0035\_Declaration\_and\_Assignment\_19MAY2014#page5.tif  
source=270963-1\_GEAE0035\_Declaration\_and\_Assignment\_19MAY2014#page6.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:

**FLUIDIC BUFFER VOLUME DEVICE WITH REDUCED MIXEDNESS**

- ☐ the specification of which is attached hereto OR
- ☒ United States application or PCT international application number  
14/201,680 filed on March 7, 2014, 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 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,  
we,

Inventor First Name	Inventor Middle Name	Inventor Last Name		Residence Town	Residence State	Residence Country
Patrick	Edward	Pastecki	of	Pearland	TX	US
Balakrishnan		Ponnuraj	of	Sugar Land	TX	US
James	Arthur	Simmons	of	Tampa	FL	US
Ravinder		Yerram	of	Houston	TX	US

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 and 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, reexaminations 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, sign all lawful papers, execute all divisional, continuation, reexamination and reissue applications, make all rightful oaths 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: Patrick Edward Pastecki  
Patrick Edward Pastecki

Date: 2/6/2014

Witnessed by: [Signature]  
Signature

Date: 2/6/2014

LaMarus Mercer  
Printed Name of Witness

Witnessed by: [Signature]  
Signature

Date: 2/6/2014

Edward Halusiz  
Printed Name of Witness

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

\_\_\_\_\_  
Patrick Edward Pastecki

Date: \_\_\_\_\_

STATE OF

ss.

COUNTY OF

This \_\_\_\_\_ day of \_\_\_\_\_, \_\_\_\_\_ before me personally came the above-named **Patrick Edward Pastecki**, 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: Balakrishnan  
Balakrishnan Ponnuraj

February 6<sup>th</sup>, 2014  
Date: 02/06/2014

Witnessed by: [Signature]  
Signature

(February 6<sup>th</sup>, 2014)  
Date: 02/06/2014

RISHI KUMAR SINGH  
Printed Name of Witness

Witnessed by: [Signature]  
Signature

February 6<sup>th</sup>, 2014  
Date: 2/6/14

DOUG JONES  
Printed Name of Witness

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

\_\_\_\_\_  
Date: \_\_\_\_\_

Balakrishnan Ponnuraj

STATE OF

ss.

COUNTY OF

This \_\_\_\_\_ day of \_\_\_\_\_, \_\_\_\_\_ before me personally came the above-named Balakrishnan Ponnuraj, 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:

James Arthur Simmons

Date:

5/14/2014

Witnessed by:

Signature

Date:

5/14/2014

Harry G Bryant  
Printed Name of Witness

Witnessed by:

Signature

Date:

5/14/14

Deborah Simmons  
Printed Name of Witness

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

Date: \_\_\_\_\_

James Arthur Simmons

STATE OF

ss.

COUNTY OF

This \_\_\_\_\_ day of \_\_\_\_\_, \_\_\_\_\_ before me personally came the above-named James Arthur Simmons, 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: [Signature]  
Ravinder Yerram

(February 6<sup>th</sup>, 2014)  
Date: 02/06/2014

Witnessed by: [Signature]  
Signature

(February 6<sup>th</sup>, 2014)  
Date: 02/06/2014

RISHI KUMAR SINGH  
Printed Name of Witness

Witnessed by: [Signature]  
Signature

Date: February 6th, 2014

RAVL AYALA  
Printed Name of Witness

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

\_\_\_\_\_  
Ravinder Yerram

Date: \_\_\_\_\_

STATE OF

ss.

COUNTY OF

This \_\_\_\_\_ day of \_\_\_\_\_, \_\_\_\_\_ before me personally came the above-named Ravinder Yerram, 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)