

PATENT ASSIGNMENT COVER SHEET

Electronic Version v1.1
Stylesheet Version v1.2

EPAS ID: PAT4823193

SUBMISSION TYPE:	NEW ASSIGNMENT
NATURE OF CONVEYANCE:	ASSIGNMENT
CONVEYING PARTY DATA	
Name	Execution Date
LAWRENCE BERNARD KOOL	02/01/2018
MIN ZOU	02/13/2018
WANMING ZHANG	02/13/2018
SUSAN CORAH	02/13/2018
CHRISTOPHER KLAPPER	02/13/2018
FRANCIS JOHNSON	02/01/2018
STEVE BURESH	02/13/2018
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:	15895743
CORRESPONDENCE DATA	
Fax Number:	(518)387-7762
<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>	
Phone:	(203) 366 7506
Email:	gpodckt.mail@ge.com
Correspondent Name:	GENERAL ELECTRIC COMPANY GPO/GLOBAL RESE
Address Line 1:	901 MAIN AVENUE
Address Line 2:	3RD FLOOR
Address Line 4:	NORWALK, CONNECTICUT 06851
ATTORNEY DOCKET NUMBER:	323380_1 (551-322US)
NAME OF SUBMITTER:	CHRISTOPHER R. CARROLL
SIGNATURE:	/Christopher R. Carroll/
DATE SIGNED:	02/13/2018

PATENT

Total Attachments: 9

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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:

**METHOD FOR FORMING A NITROGENATION BARRIER AND MACHINE
FORMED USING A BODY HAVING THE NITROGENATION BARRIER**

- ☒ the specification of which is attached hereto OR
- ☐ United States application or PCT international application number _____ filed on _____, 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
Lawrence	Bernard	Kool	of	Niskayuna	NY	US
Min		Zou	of	Niskayuna	NY	US
Wanming		Zhang	of	Niskayuna	NY	US
Susan		Corah	of	Niskayuna	NY	US
Christopher		Klapper	of	Niskayuna	NY	US
Francis		Johnson	of	Niskayuna	NY	US
Steve		Buresh	of	Niskayuna	NY	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 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: 
Lawrence Bernard Kool

Date: Feb. 1, 2018

Witnessed by: 
 Signature

Date: 2/1/18

Margaret Wallace
 Printed Name of Witness

Witnessed by: 
 Signature

Date: 02-01-2018

Hrishikesh Keshavom
 Printed Name of Witness

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

Lawrence Bernard Kool

Date: _____

STATE OF

ss.


COUNTY OF

This _____ day of _____, _____ before me personally came the above-named **Lawrence Bernard Kool** to me personally known as the individual who executed the foregoing assignment, who acknowledged to me that he executed the same of his own free will for the purposes therein set forth.

Seal

 (Notary Public)

INVENTOR 2


Signature: 
Min Zou

Date: 2/13/2018

Witnessed by: 
 Signature

Date: 02-13-18

LEONARDO ANDERSON
 Printed Name of Witness

Witnessed by: 
 Signature

Date: 2/13/18

Linda Boyd
 Printed Name of Witness

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

Min Zou

Date: _____

STATE OF

ss.

COUNTY OF

This _____ day of _____, _____ before me personally came the above-named **Min Zou**, to me personally known as the individual who executed the foregoing assignment, who acknowledged to me that he executed the same of his own free will for the purposes therein set forth.

Seal

 (Notary Public)

INVENTOR 3

Signature: Wanming Zhang
 Wanming Zhang

Date: 02-13-2018

Witnessed by: [Signature]
 Signature

Date: 02-13-18

LEONARD A. ADAMS
 Printed Name of Witness

Witnessed by: [Signature]
 Signature

Date: 02-13-2018

Mark Zaykowski
 Printed Name of Witness

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

 INVENTOR NAME

Date: _____

STATE OF

ss.

COUNTY OF

This _____ day of _____, _____ before me personally came the above-named **Wanming Zhang**, to me personally known as the individual who executed the foregoing assignment, who acknowledged to me that he executed the same of his own free will for the purposes therein set forth.

Seal

 (Notary Public)

INVENTOR 4Signature: **Susan Corah**Date: 2/13/18Witnessed by: 

Signature

Date: 2/13/2018Don M. Lipkin

Printed Name of Witness

Witnessed by: 

Signature

Date: 2/13/2018VIJAY K. SRIVASTAVA

Printed Name of Witness

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

Date: _____

STATE OF

ss.

COUNTY OF

This _____ day of _____, _____ before me personally came the above-named **Susan Corah**, to me personally known as the individual who executed the foregoing assignment, who acknowledged to me that he executed the same of his own free will for the purposes therein set forth.

Seal

(Notary Public)

INVENTOR 5


Signature: 
Christopher Klapper

Date: 2/13/18

Witnessed by: 
 Signature

Date: 2-13-18

Richard DiDomenico
 Printed Name of Witness

Witnessed by: 
 Signature

Date: 2/13/18

Scott Oppenheimer
 Printed Name of Witness

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Christopher Klapper

Date: _____

STATE OF

ss.

COUNTY OF

This _____ day of _____, _____ before me personally came the above-named **Christopher Klapper**, to me personally known as the individual who executed the foregoing assignment, who acknowledged to me that he executed the same of his own free will for the purposes therein set forth.

Seal

 (Notary Public)

INVENTOR 6

Signature: Francis Johnson
Francis Johnson

Date: 02/01/2018

Witnessed by: Laura C. Dial
Signature

Date: 02/01/2018

Laura C. Dial
Printed Name of Witness

Witnessed by: Jeffrey J. Schoonover
Signature

Date: 02/01/2018

Jeffrey J. Schoonover
Printed Name of Witness

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

Francis Johnson

Date: _____

STATE OF

ss.

COUNTY OF

This _____ day of _____, _____ before me personally came the above-named **Francis Johnson**, to me personally known as the individual who executed the foregoing assignment, who acknowledged to me that he executed the same of his own free will for the purposes therein set forth.

Seal

(Notary Public)

INVENTOR 7

Signature: 
Steve Buresh

Date: 2/13/18

Witnessed by: 
 Signature

Date: 2/13/2018

Thomas M Bigelow
 Printed Name of Witness

Witnessed by: 
 Signature

Date: 2.13.18

JARED Hill
 Printed Name of Witness

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

Steve Buresh

Date: _____

STATE OF

ss.

COUNTY OF

This _____ day of _____, _____ before me personally came the above-named **Steve Buresh**, to me personally known as the individual who executed the foregoing assignment, who acknowledged to me that he executed the same of his own free will for the purposes therein set forth.

Seal

 (Notary Public)