

PATENT ASSIGNMENT COVER SHEET

Electronic Version v1.1
Stylesheet Version v1.2

EPAS ID: PAT4466217

SUBMISSION TYPE:	NEW ASSIGNMENT
NATURE OF CONVEYANCE:	ASSIGNMENT
CONVEYING PARTY DATA	
Name	Execution Date
KAI ZHANG	06/07/2017
JOHN H. BARBER	05/31/2017
RUSSELL JAMES MACDONALD	05/31/2017
YONGCHANG ZHENG	05/31/2017
LI MAY GOH	06/15/2017
YAN GAO	06/05/2017
YONGHONG ZHAO	05/29/2017
RECEIVING PARTY DATA	
Name:	GENERAL ELECTRIC COMPANY
Street Address:	1 RIVER ROAD
City:	SCHENECTADY
State/Country:	NEW YORK
Postal Code:	12345
PROPERTY NUMBERS Total: 2	
Property Type	Number
Application Number:	15537560
PCT Number:	US2014071568
CORRESPONDENCE DATA	
Fax Number:	(203)840-6495
<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:	203-229-3883
Email:	maureen.silveira@ge.com
Correspondent Name:	GENERAL ELECTRIC COMPANY GE GLOBAL PATEN
Address Line 1:	901 MAIN AVENUE
Address Line 2:	3RD FLOOR
Address Line 4:	NORWALK, CONNECTICUT 06851
ATTORNEY DOCKET NUMBER:	267258-1 & -10
NAME OF SUBMITTER:	MAUREEN SILVEIRA
SIGNATURE:	/Maureen Silveira/

PATENT

DATE SIGNED:

06/19/2017

Total Attachments: 10

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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:

ION EXCHANGE MEMBRANES PREPARED FROM CROSSLINKED ION EXCHANGE
POLYMER COMPOSITIONS

- the specification of which is attached hereto OR
- United States application or PCT international application number

15/537560 filed on June 19, 2017, 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
Kai		ZHANG	of	Singapore		SG
John	H.	BARBER	of	Guelph	ON	CA
Russell	James	MACDONALD	of	Burlington	MA	US
Yongchang		ZHENG	of	Westborough	MA	US
Li	May	GOH	of	Singapore		SG

Yan		GAO	of	St-Romuald	Quebec	CA
Yonghong		ZHAO	of	Singapore		SG

hereby sell and assign to:

Name of Company: <i>GENERAL ELECTRIC COMPANY</i>
Entity Type (optional):
Address: <i>1 River Road, Schenectady, New York 12345 United States of America</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
WO	PCT	PCT/US2014/071568	December 19, 2014	ION EXCHANGE MEMBRANES PREPARED FROM CROSSLINKED ION EXCHANGE POLYMER COMPOSITIONS

(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.

GE Docket No. 267258

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: *Kai Zhang*
Kai ZHANG

Date: 07/06/2017

Witnessed by: *Zhuang Han*
Signature

Date: 07/06/2017

ZHUANG HAN
Printed Name of Witness

Witnessed by: *Lorenzo Paolo Bondoc*
Signature

Date: 07/06/2017

LORENZO PAOLO BONDOC
Printed Name of Witness

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

Kai ZHANG

Date: _____

STATE OF _____
COUNTY OF _____

This _____ day of _____, _____ before me personally came the above-named **Kai ZHANG**, 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: John Barber
John H. BARBER

Date: 31-MAY-17

Witnessed by: [Signature]
Signature

Date: May 31/17

David Stachera
Printed Name of Witness

Witnessed by: [Signature]
Signature

Date: May 31, 17

Vladimir Pavlovic
Printed Name of Witness

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

John H. BARBER Date: _____

STATE OF

COUNTY OF

This _____ day of _____, _____ before me personally came the above-named **John H. BARBER**, 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: *R. MacDonald*
Russell James MACDONALD

Date: 5-31-17

Witnessed by: *[Signature]*
Signature

Date: 5-31-17

Rich Paulus
Printed Name of Witness

Witnessed by: *Natalia Guevara*
Signature

Date: 5-31-17

NATALIA GUEVARA
Printed Name of Witness

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

Russell James MACDONALD

Date: _____

STATE OF

COUNTY OF

This _____ day of _____, _____ before me personally came the above-named Russell James MACDONALD, 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: Yongchang Zheng Date: 5/31/2017
Yongchang ZHENG

Witnessed by: [Signature] Date: 5/31/2017
Signature

JINGXIN YANG
Printed Name of Witness

Witnessed by: William Harrington Date: 5-31-2017
Signature

William HARRINGTON
Printed Name of Witness

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

Yongchang ZHENG Date: _____

STATE OF _____
COUNTY OF _____

This _____ day of _____, _____ before me personally came the above-named Yongchang ZHENG, 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)

GE Docket No. 267258

INVENTOR 5

Signature: [Handwritten Signature]
Li May GOH

Date: 15 JUN 2017

Witnessed by: [Handwritten Signature]
Signature

Date: 15 JUN 2017

JOSELISTO ABSALON
Printed Name of Witness

Witnessed by: [Handwritten Signature]
Signature

Date: 15 JUNE 2017

GOH JENGI YANG
Printed Name of Witness

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

Li May GOH Date: _____

STATE OF _____
COUNTY OF _____

This _____ day of _____, _____ before me personally came the above-named Li May GOH, 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)

GE Docket No. 267258

INVENTOR'S

Signature Yan Gao
Yan GAO

Date 6/5/2017

Witnessed by Zengcai Liu
Signature

Date 6/5/2017

ZENGCAI LIU
Printed Name of Witness

Witnessed by Syed Dawood Sajjad
Signature

Date 6/5/2017

SYED DAWOOD SAJJAD
Printed Name of Witness

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Yan GAO Date _____

STATE OF _____

COUNTY OF _____

This _____ day of _____ before me personally came the above-named Yan GAO 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.

Saw _____
(Notary Public)

INVENTOR 7

Signature: Yonghong ZHAO
Yonghong ZHAO

Date: 5/29/2017

Witnessed by: ZHUANG HAN
Signature

Date: 5/29/2017

ZHUANG HAN
Printed Name of Witness

Witnessed by: ZHAO YAN
Signature

Date: 5/29/2017

ZHAO YAN
Printed Name of Witness

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

Yonghong ZHAO

Date: _____

STATE OF _____

COUNTY OF _____

This _____ day of _____, _____ before me personally came the above-named **Yonghong ZHAO**, 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)