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| PATENT ASSIGNMENT COVER SHEET |
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Electronic Version v1.1
 Stylesheet Version v1.2

EPAS ID: PAT4478630

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|---|----------------------------|
| SUBMISSION TYPE: | NEW ASSIGNMENT |
| NATURE OF CONVEYANCE: | ASSIGNMENT |
| CONVEYING PARTY DATA | |
| Name | Execution Date |
| ERNEST WILLIAM KOVACS | 04/22/2014 |
| ERIK LEEMING KVAM | 04/21/2014 |
| BING LI | 04/21/2014 |
| FRANK JOHN MONDELLO | 04/23/2014 |
| 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: | 15285986 |
| CORRESPONDENCE DATA | |
| Fax Number: | |
| <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> | |
| Email: | nashema.s.nosworthy@ge.com |
| Correspondent Name: | GENERAL ELECTRIC COMPANY |
| Address Line 1: | 901 MAIN AVENUE |
| Address Line 2: | 3RD FLOOR |
| Address Line 4: | NORWALK, CONNECTICUT 06851 |
| NAME OF SUBMITTER: | RONG ZHANG |
| SIGNATURE: | /Rong Zhang/ |
| DATE SIGNED: | 06/27/2017 |
| 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:

SUBSTRATES AND METHODS FOR COLLECTION, STABILIZATION AND ELUTION OF BIOMOLECULES

- 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 |
|---------------------|----------------------|--------------------|----|----------------|-----------------|-------------------|
| Ernest | William | Kovacs | of | Cohoes | NY | US |
| Erik | Leeming | Kvam | of | Niskayuna | NY | US |
| Bing | | Li | of | Clifton Park | NY | US |
| Frank | John | Mondello | 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 |
|-------------------|----------------|--------------------|-------------|-------|
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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.

INVENTOR 1

Signature: Ernest William Kovacs Date: 04/22/2014
Ernest William Kovacs

Witnessed by: Michael J. Rachel Date: 20 April 2014
Signature
Printed Name of Witness: Michael J. Rachel

Witnessed by: Brian Armon Date: 04/22/2014
Signature
Printed Name of Witness: Brian Armon

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

Ernest William Kovacs Date: _____

STATE OF NEW YORK
COUNTY OF SCHENECTADY ss.

This _____ day of _____, _____ before me personally came the above-named Ernest William Kovacs, 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: Erik Leeming Kvam
Erik Leeming Kvam

Date: 04/21/2014

Witnessed by: [Signature]
Signature

Date: April 21, 2014

John Nelson
Printed Name of Witness

Witnessed by: [Signature]
Signature

Date: 04/21/14

Adriana Larrera
Printed Name of Witness

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

Erik Leeming Kvam

Date: _____

STATE OF NEW YORK

ss.

COUNTY OF SCHENECTADY

This _____ day of _____, _____ before me personally came the above-named Erik Leeming Kvam, 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: *Bing Li*
Bing Li

Date: 4/21/2014

Witnessed by: *Louisa Carr*
Signature

Date: 4/21/2014

Louisa Carr
Printed Name of Witness

Witnessed by: *Robin L. Toth*
Signature

Date: 4/21/2014

Robin L. Toth
Printed Name of Witness

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

Bing Li

Date: _____

STATE OF NEW YORK

ss.

COUNTY OF SCHENECTADY

This _____ day of _____, _____ before me personally came the above-named Bing Li, 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. 271279-1

INVENTOR 4

Signature: _____
Frank John Mondello

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

Frank John Mondello

Frank John Mondello

Date: 4/23/14

STATE OF NEW YORK

ss.

COUNTY OF SCHENECTADY

This 23rd day of April, 2014 before me personally came the above-named **Frank John Mondello**, 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

Lisa F. Tamburello

(Notary Public)

LISA F. TAMBURELLO
Notary Public in the State of New York
Qualified in Saratoga County No. 01TA5033955
My Commission Expires September 26, 2014