

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>Sundeeep KUMAR</td> <td>03/29/2013</td> </tr> <tr> <td>Mohamed RAHMANE</td> <td>05/06/2013</td> </tr> <tr> <td>Neil A. JOHNSON</td> <td>05/06/2013</td> </tr> <tr> <td>Patrick WILLSON</td> <td>05/06/2013</td> </tr> <tr> <td>Raymond R. COLE</td> <td>05/07/2013</td> </tr> <tr> <td>Timothy J. YOSENICK</td> <td>04/02/2013</td> </tr> <tr> <td>Thomas ANGELIU</td> <td>05/06/2013</td> </tr> <tr> <td>Tobias JUETTING</td> <td>04/15/2013</td> </tr> </tbody> </table>		Name	Execution Date	Sundeeep KUMAR	03/29/2013	Mohamed RAHMANE	05/06/2013	Neil A. JOHNSON	05/06/2013	Patrick WILLSON	05/06/2013	Raymond R. COLE	05/07/2013	Timothy J. YOSENICK	04/02/2013	Thomas ANGELIU	05/06/2013	Tobias JUETTING	04/15/2013
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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								
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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>13852690</td> </tr> </tbody> </table>		Property Type	Number	Application Number:	13852690														
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Application Number:	13852690																		
CORRESPONDENCE DATA																			
Fax Number:	2039446712																		
<i>Correspondence will be sent via US Mail when the fax attempt is unsuccessful.</i>																			
Phone:	518-387-7724																		
Email:	gpo.mail@ge.com																		
Correspondent Name:	GENERAL ELECTRIC COMPANY GLOBAL RESEARCH																		
Address Line 1:	ONE RESEARCH CIRCLE																		
Address Line 2:	BLDG. K1-3A59																		
Address Line 4:	NISKAYUNA, NEW YORK 12309																		

CH \$40.00 13852690

ATTORNEY DOCKET NUMBER:	253004-1
NAME OF SUBMITTER:	Brett Hutton
Signature:	/Brett Hutton/
Date:	06/21/2013
	This document serves as an Oath/Declaration (37 CFR 1.63).

Total Attachments: 50

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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:

SEALED SODIUM-BASED THERMAL BATTERIES AND METHODS OF SEALING SAME

- the specification of which is attached hereto OR
- United States application or PCT international application number 13/852,690 filed on March 28, 2013, 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
Sundeep		KUMAR	of	Bangalore	Karnataka	IN
Mohamed		RAHMANE	of	Ballston Lake	New York	US
Neil	A.	JOHNSON	of	Niskayuna	New York	US
Patrick		WILLSON	of	Clifton Park	New York	US
Raymond	R.	COLE	of	Wilton	New York	US
Timothy	J.	YOSENICK	of	Glenville	New York	US

Thomas		ANGELIU	of	Clifton Park	New York	US
Tobias		JUETTING	of	Birmingham		GB

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

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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: Sundee Kumar
Sundee KUMAR

Date: March 29, 2013

Witnessed by: [Signature]
Signature

Date: March 29, 2013

P. BALU SRINIVASAN
Printed Name of Witness

Witnessed by: [Signature]
Signature

Date: March 29, 2013

SUMITHA MOHAN
Printed Name of Witness

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

_____ Date: _____
Sundee KUMAR

STATE OF _____
COUNTY OF _____ ss. _____

This _____ day of _____, _____ before me personally came the above-named **Sundee KUMAR**, 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: _____
Mohamed RAHMANE

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

_____ Date: _____

Mohamed RAHMANE

STATE OF

ss.

COUNTY OF

This _____ day of _____, _____ before me personally came the above-named **Mohamed RAHMANE**, 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: _____
Neil A. JOHNSON

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

Date: _____

Neil A. JOHNSON

STATE OF

ss.

COUNTY OF

This _____ day of _____, _____ before me personally came the above-named **Neil A. JOHNSON**, 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: _____
Patrick D. WILLSON

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

_____ Date: _____

Patrick D. WILLSON

STATE OF

ss.

COUNTY OF

This _____ day of _____, _____ before me personally came the above-named **Patrick D. WILLSON**, 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 5

Signature: _____
Raymond R. COLE

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

Date: _____

Raymond R. COLE

STATE OF

ss.

COUNTY OF

This _____ day of _____, _____ before me personally came the above-named **Raymond R. COLE**, 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. 253004-1

INVENTOR 6

Signature: _____
Timothy YOUSENICK

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

Date: _____

Timothy YOUSENICK

STATE OF

ss.

COUNTY OF

This _____ day of _____, _____ before me personally came the above-named **Timothy YOUSENICK**, 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 7

Signature: _____
Thomas ANGELIU

Date: _____

Witnessed by: _____
Signature

Date: _____

Printed Name of Witness

Witnessed by: _____
Signature

Date: _____

Printed Name of Witness

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_____ Date: _____

Thomas ANGELIU

STATE OF

ss.

COUNTY OF

This _____ day of _____, _____ before me personally came the above-named **Thomas ANGELIU**, 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. 253004-1

INVENTOR 8

Signature: _____
Tobias JUETTING

Date: _____

Witnessed by: _____
Signature

Date: _____

Printed Name of Witness

Witnessed by: _____
Signature

Date: _____

Printed Name of Witness

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_____ Date: _____

Tobias JUETTING

STATE OF

ss.

COUNTY OF

This _____ day of _____, _____ before me personally came the above-named **Tobias JUETTING**, 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)

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Mohamed		RAHMANE	of	Ballston Lake	New York	US
Neil	A.	JOHNSON	of	Niskayuna	New York	US
Patrick		WILLSON	of	Clifton Park	New York	US
Raymond	R.	COLE	of	Wilton	New York	US
Timothy	J.	YOSENICK	of	Glenville	New York	US

Thomas		ANGELIU	of	Clifton Park	New York	US
Tobias		JUETTING	of	Birmingham		GB

v9.18.12

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Entity Type (optional): <i>New York corporation</i>
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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: _____
Sundeeep KUMAR

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

Date: _____

Sundeeep KUMAR

STATE OF

ss.

COUNTY OF

This _____ day of _____, _____ before me personally came the above-named **Sundeeep KUMAR**, 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: [Handwritten Signature]
Mohamed RAHMANE

Date: 05/06/2013

Witnessed by: [Handwritten Signature]
Signature
Joseph Danyel Nideval
Printed Name of Witness

Date: 05/06/2013

Witnessed by: [Handwritten Signature]
Signature
Malissa Schaffer
Printed Name of Witness

Date: 05/06/2013

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_____ Date: _____

Mohamed RAHMANE

STATE OF

ss.

COUNTY OF

This _____ day of _____, _____ before me personally came the above-named **Mohamed RAHMANE**, 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: Neil A. Johnson
Neil A. JOHNSON

Date: May 6, 2013

Witnessed by: Steven R. Hayashi
Signature

Date: May 6, 2013

STEVEN R. HAYASHI
Printed Name of Witness

Witnessed by: Gary R. Bradtke
Signature

Date: 6 May, 2013

Gary R. Bradtke
Printed Name of Witness

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_____ Date: _____

Neil A. JOHNSON

STATE OF

ss.

COUNTY OF

This _____ day of _____, _____ before me personally came the above-named **Neil A. JOHNSON**, 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: *Patrick D. Willson* Date: 5/6/2013
Patrick D. WILLSON

Witnessed by: *Mark Malgisi* Date: 5/6/13
Signature

Mark Malgisi
Printed Name of Witness

Witnessed by: *Steven Arrasmith* Date: 5/6/13
Signature

Steven Arrasmith
Printed Name of Witness

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_____ Date: _____

Patrick D. WILLSON

STATE OF _____
COUNTY OF _____ ss.

This _____ day of _____, _____ before me personally came the above-named **Patrick D. WILLSON**, 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. 253004-1

INVENTOR 5

Signature: _____
Raymond R. COLE

Date: _____

Witnessed by: _____
Signature

Date: _____

Printed Name of Witness

Witnessed by: _____
Signature

Date: _____

Printed Name of Witness

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Date: _____

Raymond R. COLE

STATE OF

ss.

COUNTY OF

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Seal

(Notary Public)

GE Docket No. 253004-1

INVENTOR 6

Signature: _____
 Timothy YOSENICK

Date: _____

Witnessed by: _____
 Signature

Date: _____

Printed Name of Witness

Witnessed by: _____
 Signature

Date: _____

Printed Name of Witness

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_____ Date: _____

Timothy YOSENICK

STATE OF

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COUNTY OF

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Seal

_____ (Notary Public)

GE Docket No. 253004-1

INVENTOR 7

Signature: Thomas Angelia
Thomas ANGELIU

Date: May 6, 2013

Witnessed by: M. Milke
Signature

Date: May 6, 2013

MILBURN EJ MILKE
Printed Name of Witness

Witnessed by: X Huang
Signature

Date: May 6, 2013

Xiaoming Huang
Printed Name of Witness

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_____ Date: _____

Thomas ANGELIU

STATE OF

ss.

COUNTY OF

This _____ day of _____, _____ before me personally came the above-named **Thomas ANGELIU**, 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 8

Signature: _____
Tobias JUETTING

Date: _____

Witnessed by: _____
Signature

Date: _____

Printed Name of Witness

Witnessed by: _____
Signature

Date: _____

Printed Name of Witness

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_____ Date: _____

Tobias JUETTING

STATE OF

ss.

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(Notary Public)

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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
Sundeeep		KUMAR	of	Bangalore	Karnataka	IN
Mohamed		RAHMANE	of	Ballston Lake	New York	US
Neil	A.	JOHNSON	of	Niskayuna	New York	US
Patrick		WILLSON	of	Clifton Park	New York	US
Raymond	R.	COLE	of	Wilton	New York	US
Timothy	J.	YOSENICK	of	Glenville	New York	US

Thomas		ANGELIU	of	Clifton Park	New York	US
Tobias		JUETTING	of	Birmingham		GB

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: _____
Sundeep KUMAR

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

Date: _____

Sundeep KUMAR

STATE OF

ss.

COUNTY OF

This _____ day of _____, _____ before me personally came the above-named **Sundeep KUMAR**, 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: _____
Mohamed RAHMANE

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

_____ Date: _____

Mohamed RAHMANE

STATE OF

ss.

COUNTY OF

This _____ day of _____, _____ before me personally came the above-named **Mohamed RAHMANE**, 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: _____
Neil A. JOHNSON

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

Date: _____

Neil A. JOHNSON

STATE OF

ss.

COUNTY OF

This _____ day of _____, _____ before me personally came the above-named **Neil A. JOHNSON**, 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: _____
Patrick D. WILLSON

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

_____ Date: _____

Patrick D. WILLSON

STATE OF

ss.

COUNTY OF

This _____ day of _____, _____ before me personally came the above-named **Patrick D. WILLSON**, 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. 253004-1

INVENTOR 5

Signature: *Raymond R. Cole*
Raymond R. COLE

Date: 5/7/13

Witnessed by: *Kaushik Sampath*
Signature

Date: 5/7/13

KAUSHIK SAMPATH
Printed Name of Witness

Witnessed by: *Karen L. Jones*
Signature

Date: 5/7/13

Karen L. Jones
Printed Name of Witness

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

_____ Date: _____

Raymond R. COLE

STATE OF

ss.

COUNTY OF

This _____ day of _____, _____ before me personally came the above-named **Raymond R. COLE**, 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. 253004-1

INVENTOR 6

Signature: _____
Timothy YOSENICK

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

_____ Date: _____

Timothy YOSENICK

STATE OF

ss.

COUNTY OF

This _____ day of _____, _____ before me personally came the above-named **Timothy YOSENICK**, 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. 253004-1

INVENTOR 7

Signature: _____
Thomas ANGELIU

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

Date: _____

Thomas ANGELIU

STATE OF

ss.

COUNTY OF

This _____ day of _____, _____ before me personally came the above-named **Thomas ANGELIU**, 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. 253004-1

INVENTOR 8

Signature: _____
Tobias JUETTING

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

_____ Date: _____

Tobias JUETTING

STATE OF

ss.

COUNTY OF

This _____ day of _____, _____ before me personally came the above-named **Tobias JUETTING**, 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)

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:

SEALED SODIUM-BASED THERMAL BATTERIES AND METHODS OF SEALING SAME

- the specification of which is attached hereto OR
- United States application or PCT international application number 13/852,690 filed on March 28, 2013, 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
Sundeeep		KUMAR	of	Bangalore	Karnataka	IN
Mohamed		RAHMANE	of	Ballston Lake	New York	US
Neil	A.	JOHNSON	of	Niskayuna	New York	US
Patrick		WILLSON	of	Clifton Park	New York	US
Raymond	R.	COLE	of	Wilton	New York	US
Timothy	J.	YOSENICK	of	Glenville	New York	US

Thomas		ANGELIU	of	Clifton Park	New York	US
Tobias		JUETTING	of	Birmingham		GB

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: _____
Sundeep KUMAR

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

_____ Date: _____

Sundeep KUMAR

STATE OF

ss.

COUNTY OF

This _____ day of _____, _____ before me personally came the above-named **Sundeep KUMAR**, 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: _____
Mohamed RAHMANE

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

Date: _____

Mohamed RAHMANE

STATE OF

ss.

COUNTY OF

This _____ day of _____, _____ before me personally came the above-named **Mohamed RAHMANE**, 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: _____
Neil A. JOHNSON

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

_____ Date: _____

Neil A. JOHNSON

STATE OF

ss.

COUNTY OF

This _____ day of _____, _____ before me personally came the above-named **Neil A. JOHNSON**, 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: _____
Patrick D. WILLSON

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

_____ Date: _____

Patrick D. WILLSON

STATE OF

ss.

COUNTY OF

This _____ day of _____, _____ before me personally came the above-named **Patrick D. WILLSON**, 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. 253004-1

INVENTOR 5

Signature: _____
Raymond R. COLE

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

_____ Date: _____

Raymond R. COLE

STATE OF

ss.

COUNTY OF

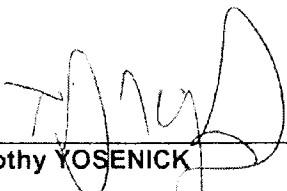
This _____ day of _____, _____ before me personally came the above-named **Raymond R. COLE**, to me personally known as the individual who executed the foregoing assignment, who acknowledged to me that he/she executed the same of his/her own free will for the purposes therein set forth.

Seal

(Notary Public)

GE Docket No. 253004-1

INVENTOR 6

Signature: 
Timothy Yosenick

Date: 2-April-2013

Witnessed by: 
Signature

Date: 4/2/2013

Stephen F Bancheri
Printed Name of Witness

Witnessed by: 
Signature

Date: 4/2/13

Geoffrey Eadon
Printed Name of Witness

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

_____ Date: _____
Timothy Yosenick

STATE OF _____
COUNTY OF _____ ss.

This _____ day of _____, _____ before me personally came the above-named **Timothy Yosenick**, 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. 253004-1

INVENTOR 7

Signature: _____
Thomas ANGELIU

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

Date: _____

Thomas ANGELIU

STATE OF

ss.

COUNTY OF

This _____ day of _____, _____ before me personally came the above-named **Thomas ANGELIU**, 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. 253004-1

INVENTOR 8

Signature: _____
Tobias JUETTING

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

_____ Date: _____

Tobias JUETTING

STATE OF

ss.

COUNTY OF

This _____ day of _____, _____ before me personally came the above-named **Tobias JUETTING**, 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)

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:

SEALED SODIUM-BASED THERMAL BATTERIES AND METHODS OF SEALING SAME

- the specification of which is attached hereto OR
- United States application or PCT international application number 13/852,690 filed on March 28, 2013, 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.)

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We believe that we are original joint inventors of a claimed invention in the application.

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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
Sundeeep		KUMAR	of	Bangalore	Karnataka	IN
Mohamed		RAHMANE	of	Ballston Lake	New York	US
Neil	A.	JOHNSON	of	Niskayuna	New York	US
Patrick		WILLSON	of	Clifton Park	New York	US
Raymond	R.	COLE	of	Wilton	New York	US
Timothy	J.	YOSENICK	of	Glenville	New York	US

Thomas		ANGELIU	of	Clifton Park	New York	US
Tobias		JUETTING	of	Birmingham		GB

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:

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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: _____
Sundeep KUMAR

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

_____ Date: _____

Sundeep KUMAR

STATE OF

ss.

COUNTY OF

This _____ day of _____, _____ before me personally came the above-named **Sundeep KUMAR**, 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: _____
Mohamed RAHMANE

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

_____ Date: _____

Mohamed RAHMANE

STATE OF

ss.

COUNTY OF

This _____ day of _____, _____ before me personally came the above-named **Mohamed RAHMANE**, 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: _____
Neil A. JOHNSON

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

Date: _____

Neil A. JOHNSON

STATE OF

ss.

COUNTY OF

This _____ day of _____, _____ before me personally came the above-named **Neil A. JOHNSON**, 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: _____
Patrick D. WILLSON

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

_____ Date: _____

Patrick D. WILLSON

STATE OF

ss.

COUNTY OF

This _____ day of _____, _____ before me personally came the above-named **Patrick D. WILLSON**, 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. 253004-1

INVENTOR 5

Signature: _____
Raymond R. COLE

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

Date: _____

Raymond R. COLE

STATE OF

ss.

COUNTY OF

This _____ day of _____, _____ before me personally came the above-named **Raymond R. COLE**, 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. 253004-1

INVENTOR 6

Signature: _____
Timothy YOSENICK

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

_____ Date: _____

Timothy YOSENICK

STATE OF

ss.

COUNTY OF

This _____ day of _____, _____ before me personally came the above-named **Timothy YOSENICK**, 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 7

Signature: _____
Thomas ANGELIU

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

_____ Date: _____

Thomas ANGELIU

STATE OF

ss.

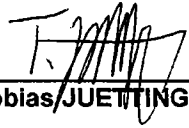
COUNTY OF

This _____ day of _____, _____ before me personally came the above-named **Thomas ANGELIU**, 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.

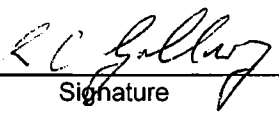
Seal

(Notary Public)


INVENTOR 8

Signature: 
Tobias JUETTING

Date: 15.4.2013

Witnessed by: 
Signature
R C GALLOWAY
Printed Name of Witness

Date: 15 APRIL 2013

Witnessed by: 
Signature
PAUL SEOWORTH
Printed Name of Witness

Date: 15-04-2013

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

_____ Date: _____

Tobias JUETTING

STATE OF _____
COUNTY OF _____ ss.

This _____ day of _____, _____ before me personally came the above-named **Tobias JUETTING**, 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)