

PATENT ASSIGNMENT COVER SHEET

Electronic Version v1.1
 Stylesheet Version v1.2

EPAS ID: PAT3198738

SUBMISSION TYPE:	NEW ASSIGNMENT	
NATURE OF CONVEYANCE:	ASSIGNMENT	
CONVEYING PARTY DATA		
	Name	Execution Date
	JIUCAI ZHANG	01/21/2015
	CHARLES CLARENCE HICKS JR.	01/22/2015
	SAM T. LIU	01/21/2015
	ROBERT A. KAUCIC	01/22/2015
	LENG MAO	01/21/2015
	DAVID E. JAMES	01/26/2015
	HERMAN LUCAS NORBERT WIEGMAN	01/22/2015
	MERT GEVECI	01/26/2015
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:	14606068	
CORRESPONDENCE DATA		
Fax Number:	(864)233-7342	
<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:	864-271-1592	
Email:	docketing@dority-manning.com	
Correspondent Name:	DORITY & MANNING, PA AND GENERAL ELECTRI	
Address Line 1:	POST OFFICE BOX 1449	
Address Line 4:	GREENVILLE, SOUTH CAROLINA 29602	
ATTORNEY DOCKET NUMBER:	276670-1/GECS-112	
NAME OF SUBMITTER:	MAEGEN W. STOKES	
SIGNATURE:	/maegen w. stokes 67,106/	

DATE SIGNED:	01/27/2015
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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:

**SYSTEM AND METHOD FOR DETECTING
BATTERY END OF DISCHARGE**

- ☐ the specification of which is attached hereto OR
- ☒ United States application or PCT international application number
14/606,068 filed on January 27, 2015, 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
Jiucai		Zhang	of	Arvada	Colorado	USA
Charles	Clarence	Hicks, Jr.	of	Loundonville	New York	USA
Sam	T.	Liu	of	Niskayuna	New York	USA
Robert	A.	Kaucic	of	Niskayuna	New York	USA
Leng		Mao	of	Latham	New York	USA
David	E.	James	of	Clifton Park	New York	USA

Herman	Lucas Norbert	Wiegman	of	Niskayuna	New York	USA
Mert		Geveci	of	Delmar	New York	USA

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: Jiucal Zhang
Jiucal Zhang

Date: 1/21/2015

Witnessed by: Lijuan Wang
Signature

Date: 1/21/2015

Lijuan Wang
Printed Name of Witness

Witnessed by: Yongling Sun
Signature

Date: 1/21/2015

YONGLING SUN
Printed Name of Witness

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

Jiucal Zhang

Date: _____

STATE OF

SS.

COUNTY OF

This _____ day of _____, _____ before me personally came the above-named Jiucal 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: Charles Clarence Hicks, Jr.
Charles Clarence Hicks, Jr.

Date: 1/22/2015

Witnessed by: Scot Sakolish
Signature

Date: 1/22/2015

SCOT SAKOLISH
Printed Name of Witness

Witnessed by: Sayuri Surisawa
Signature

Date: 1/22/2015

Sayuri Surisawa
Printed Name of Witness

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

Charles Clarence Hicks, Jr. Date: _____

STATE OF

ss.

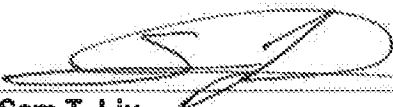
COUNTY OF

This _____ day of _____, _____ before me personally came the above-named Charles Clarence Hicks, Jr., 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: 
Sam T. Liu

Date: 1/21/2015

Witnessed by: 
Signature

Date: 01/21/15

MANIKANDAN RAMANI
Printed Name of Witness

Witnessed by: 
Signature

Date: 1/21/15

Vincent Verna
Printed Name of Witness

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

Sam T. Liu Date: _____

STATE OF

ss.

COUNTY OF

This _____ day of _____, _____ before me personally came the above-named -
Sam T. Liu, 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]
Robert A. Kaucic

Date: 22 Jan 15

Witnessed by: [Signature]
Signature

Date: 22 Jan 15

VISWANATH KUNABOLI
Printed Name of Witness

Witnessed by: [Signature]
Signature

Date: 22 Jan 15

Nase Kurashima
Printed Name of Witness

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Robert A. Kaucic

Date: _____

STATE OF

ss.

COUNTY OF

This _____ day of _____, _____ before me personally came the above-named Robert A. Kaucic, 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: 
Leng Mao

Date: 01/21/2015

Witnessed by: 
Signature

Date: 01/21/2015

Wenpeng Liu
Printed Name of Witness

Witnessed by: 
Signature

Date: 01/21/2015

Xiaoming Huang
Printed Name of Witness

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

Leng Mao Date: _____

STATE OF

SS.

COUNTY OF

This _____ day of _____, _____ before me personally came the above-named **Leng Mao**, 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 6

Signature: *David E. James*
David E. James

Date: 1-26-2015

Witnessed by: *Scot Sakolski*
Signature

Date: 1/20/15

SCOT SAKOLSKI
Printed Name of Witness

Witnessed by: *Vince Boccanfusi*
Signature

Date: 1/20/15

Vince Boccanfusi
Printed Name of Witness

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

David E. James Date: _____

STATE OF

ss.

COUNTY OF

This _____ day of _____, _____ before me personally came the above-named David E. James, 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: Herman Lucas Norbert Wiegman
Herman Lucas Norbert Wiegman

Date: 01/22/2015

Witnessed by: Sumit Bose
Signature

Date: 01/22/15

SUMIT BOSE
Printed Name of Witness

Witnessed by: Jim Doi
Signature

Date: 01/22/15

JIM DOI
Printed Name of Witness

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

Herman Lucas Norbert Wiegman

Date: _____

STATE OF

SS.

COUNTY OF

This _____ day of _____, _____ before me personally came the above-named Herman Lucas Norbert Wiegman, 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: [Signature]
Mert Geveci

Date: January 26th, 2015

Witnessed by: Vince Bocciafuso
Signature

Date: 1/26/15

Vince Bocciafuso
Printed Name of Witness

Witnessed by: [Signature]
Signature

Date: 1/26/15

SCOT SAKOLISH
Printed Name of Witness

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

Mert Geveci Date: _____

STATE OF

ss.

COUNTY OF

This _____ day of _____, _____ before me personally came the above-named Mert Geveci, 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)