

## PATENT ASSIGNMENT COVER SHEET

Electronic Version v1.1  
 Stylesheet Version v1.2

EPAS ID: PAT3694473

<b>SUBMISSION TYPE:</b>	NEW ASSIGNMENT
<b>NATURE OF CONVEYANCE:</b>	ASSIGNMENT
<b>CONVEYING PARTY DATA</b>	
<b>Name</b>	<b>Execution Date</b>
RAMANUJAM RAMABHADRAN	11/10/2015
JEFFREY JOSEPH NASADOSKI	11/10/2015
YEHUDA DANIEL LEVY	11/11/2015
SHIMON KHANANSHVILI	11/24/2015
PRADEEP VIJAYAN	11/11/2015
BRUCE RICHARD ROBERTS	11/10/2015
<b>RECEIVING PARTY DATA</b>	
<b>Name:</b>	General Electric Company
<b>Street Address:</b>	1 River Road
<b>City:</b>	Schenectady
<b>State/Country:</b>	NEW YORK
<b>Postal Code:</b>	12345
<b>PROPERTY NUMBERS Total: 1</b>	
<b>Property Type</b>	<b>Number</b>
Application Number:	14975349
<b>CORRESPONDENCE DATA</b>	
<b>Fax Number:</b>	(203)944-6712
<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>	
<b>Phone:</b>	5183877724
<b>Email:</b>	gpo.mail@ge.com
<b>Correspondent Name:</b>	GENERAL ELECTRIC COMPANY GLOBAL RESEARCH
<b>Address Line 1:</b>	ONE RESEARCH CIRCLE
<b>Address Line 2:</b>	BUILDING K1-3A59
<b>Address Line 4:</b>	NISKAYUNA, NEW YORK 12309
<b>ATTORNEY DOCKET NUMBER:</b>	280797-1 (GERD:1289)
<b>NAME OF SUBMITTER:</b>	JOHN M. RARIDEN
<b>SIGNATURE:</b>	/John Rariden/
<b>DATE SIGNED:</b>	01/13/2016
This document serves as an Oath/Declaration (37 CFR 1.63).	

PATENT

**Total Attachments: 8**

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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:

**SYSTEMS AND METHODS FOR CONTROLLING AND IMPROVING POWER CONVERTERS**

- ☐ the specification of which is attached hereto OR
- ☒ United States application or PCT international application number  
14/975,349 filed on December 18, 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 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, we,

Inventor First Name	Inventor Middle Name	Inventor Last Name		Residence Town	Residence State	Residence Country
Ramanujam		Rambhadran	of	Niskayuna	New York	US
Jeffrey	Joseph	Nasadoski	of	Gloversville	New York	US
Yehuda	Daniel	Levy	of	Lod	Israel	IL
Shimon		Khananshvili	of	Lod	Israel	IL
Pradeep		Vijayan	of	Bangalore	Karnataka	IN
Bruce	Richard	Roberts	of	Mentor-on-the- Lake	OH	US

hereby sell and assign to:

Name of Company:	<i>General Electric Company</i>
Entity Type:	<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 and 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, reexaminations 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, sign all lawful papers, execute all divisional, continuation, reexamination and reissue applications, make all rightful oaths 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: Ramanujam Ramabhadran Date: NOV 10, 2015  
Ramanujam Ramabhadran

Witnessed by: [Signature] Date: NOV 10, 2015  
Signature

ROBERT J. THOMAS  
Printed Name of Witness

Witnessed by: [Signature] Date: 11/10/2015  
Signature

ELADIO CLEMENTE DEJADA  
Printed Name of Witness

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

Date: \_\_\_\_\_  
Ramanujam Ramabhadran

STATE OF

ss.

COUNTY OF

This \_\_\_\_\_ day of \_\_\_\_\_, 2015 before me personally came the above-named **Ramanujam Ramabhadran**, 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: Jeffrey Joseph Nasadoski Date: 11-10-2015  
Jeffrey Joseph Nasadoski

Witnessed by: [Signature] Date: 11-10-2015  
Signature

ROBERT J. THOMAS  
Printed Name of Witness

Witnessed by: [Signature] Date: 11/10/2015  
Signature

ELADIO CLEMENTE DELGADO  
Printed Name of Witness

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


\_\_\_\_\_  
Jeffrey Joseph Nasadoski Date: \_\_\_\_\_

STATE OF \_\_\_\_\_  
COUNTY OF \_\_\_\_\_ ss.


This \_\_\_\_\_ day of \_\_\_\_\_, 2015 before me personally came the above-named Jeffrey Joseph Nasadoski, 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)

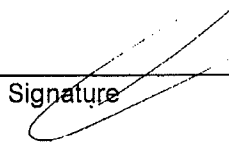
INVENTOR 3

Signature:   
Yehuda Daniel Levy

Date: 11/21/2015

Witnessed by:   
Signature  
Laurence Bigio  
Printed Name of Witness

Date: 11/11/2015

Witnessed by:   
Signature  
Ron Shuler  
Printed Name of Witness

Date: 11/11/15

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

\_\_\_\_\_  
Yehuda Daniel Levy Date: \_\_\_\_\_

STATE OF

ss.

COUNTY OF

This \_\_\_\_\_ day of \_\_\_\_\_, 2015 before me personally came the above-named **Yehuda Daniel Levy**, 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.

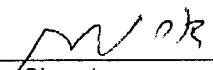
Seal

\_\_\_\_\_  
(Notary Public)

INVENTOR 4

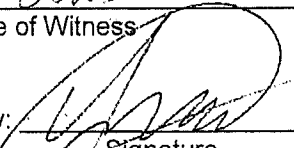
Signature:   
Shimon Khananshvili

Date: 24.11.2015

Witnessed by:   
Signature

Date: 24/11/15

Noam Dori  
Printed Name of Witness

Witnessed by:   
Signature

Date: 24/11/15

Zilberman Arkady  
Printed Name of Witness

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\_\_\_\_\_  
Shimon Khananshvili

Date: \_\_\_\_\_

STATE OF

ss.

COUNTY OF

This \_\_\_\_\_ day of \_\_\_\_\_, 2015 before me personally came the above-named **Shimon Khananshvili**, 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: Pradeep Vijayan  
Pradeep Vijayan

Date: 11<sup>TH</sup> NOV 2015

Witnessed by: S. Mani  
Signature

Date: 11<sup>TH</sup> NOV 2015

MANTHRAM SIVASUBRAMANIAM  
Printed Name of Witness

Witnessed by: Sumitha Mohan  
Signature

Date: 11<sup>TH</sup> NOV 2015

SUMITHA MOHAN  
Printed Name of Witness

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\_\_\_\_\_  
Pradeep Vijayan Date: \_\_\_\_\_

STATE OF

SS.


COUNTY OF

This \_\_\_\_\_ day of \_\_\_\_\_, 2015 before me personally came the above-named **Pradeep Vijayan**, 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:   
Bruce Richard Roberts

Date: 11/10/15

Witnessed by:   
Signature

Date: 11/10/15

Jessica Burk  
Printed Name of Witness

Witnessed by:   
Signature

Date: 11/10/15

TIMOTHY FLORENCKI  
Printed Name of Witness

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\_\_\_\_\_  
Bruce Richard Roberts

Date: \_\_\_\_\_

STATE OF

ss.

COUNTY OF

This \_\_\_\_\_ day of \_\_\_\_\_, 2015 before me personally came the above-named Bruce Richard Roberts, 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)