

## PATENT ASSIGNMENT COVER SHEET

Electronic Version v1.1  
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EPAS ID: PAT4560537

<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	08/22/2017
ROBERT JAMES THOMAS	08/22/2017
AHMED ELASSER	08/22/2017
<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>
<b>Application Number:</b>	15682940
<b>CORRESPONDENCE DATA</b>	
<b>Fax Number:</b>	(262)268-8185
<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>	2622688100
<b>Email:</b>	info@zpspatents.com
<b>Correspondent Name:</b>	ZIOLKOWSKI PATENT SOLUTIONS GROUP, SC
<b>Address Line 1:</b>	136 SOUTH WISCONSIN STREET
<b>Address Line 4:</b>	PORT WASHINGTON, WISCONSIN 53074
<b>ATTORNEY DOCKET NUMBER:</b>	318182-1 (GEL8083.333)
<b>NAME OF SUBMITTER:</b>	ROBYN L. TEMPLIN
<b>SIGNATURE:</b>	/Robyn L. Templin/
<b>DATE SIGNED:</b>	08/22/2017
This document serves as an Oath/Declaration (37 CFR 1.63).	
<b>Total Attachments: 5</b>	
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**COMBINED DECLARATION AND GLOBAL ASSIGNMENT  
FOR UTILITY PATENT APPLICATION**

As the below named inventor(s), I/we hereby declare that:

This declaration and assignment is directed to:

**TITLE: SYSTEM AND METHOD FOR RAPID CURRENT SENSING AND TRANSISTOR  
TIMING CONTROL**

☐ the specification of which is attached hereto OR

☒ was filed on August 22, 2017 as Application Serial No. 15/682,940 or  
PCT International Application Number \_\_\_\_\_ and was amended on [\_\_\_\_\_] (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,

Ramanujam Ramabhadran	of	Niskayuna, NY, US
Robert James Thomas	of	Rexford, NY, US
Ahmed Elasser	of	Latham, NY, US

hereby sell and assign to **GENERAL ELECTRIC COMPANY, a New York Corporation**, (hereinafter referred to as Company) having an address at 1 River Road, Schenectady, New York 12345, USA, its successors and assigns our entire right(s), title(s), and interest(s) in and to the invention and improvements made or conceived by us and 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.

Please direct all telephone calls to:

**Jean K. Testa, (518) 387-5115**

INVENTOR 1

Signature: Ramanujam Ramabhadran

Date: 8/22/2017

Name: Ramanujam Ramabhadran

Witnessed by: [Signature]  
Signature

Date: 8/22/2017

CONG LI  
Printed Name of Witness

Witnessed by: [Signature]  
Signature

Date: Aug 22, 2017

Michael J. Schutten  
Printed Name of Witness

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

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

Name: Ramanujam Ramabhadran

STATE OF \_\_\_\_\_

ss.

COUNTY OF \_\_\_\_\_

This \_\_\_\_\_ day of \_\_\_\_\_, \_\_\_\_\_ 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: [Signature]  
Name: Robert James Thomas

Date: 8/22/2017

Witnessed by: [Signature]  
Signature

Date: 8/22/2017

CONG LI  
Printed Name of Witness

Witnessed by: [Signature]  
Signature

Date: Aug 22, 2017

MICHAEL J. SCHUTTEN  
Printed Name of Witness

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

\_\_\_\_\_  
Name: Robert James Thomas

STATE OF \_\_\_\_\_

COUNTY OF \_\_\_\_\_

This \_\_\_\_\_ day of \_\_\_\_\_ before me personally came the above-named Robert James Thomas, 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: [Signature]

Name: Ahmed Elasser

Date: 08/22/2017

Witnessed by: [Signature]  
Signature

Date: 08/22/2017

IBRAHIMA NDIAYE  
Printed Name of Witness

Witnessed by: [Signature]  
Signature

Date: 08/22/2017

Khaled Bahar-eldin  
Printed Name of Witness

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

\_\_\_\_\_  
Date: \_\_\_\_\_  
Name: Ahmed Elasser

STATE OF \_\_\_\_\_

ss.

COUNTY OF \_\_\_\_\_

This \_\_\_\_\_ day of \_\_\_\_\_ before me personally came the above-named Ahmed Elasser, 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)