

## PATENT ASSIGNMENT

Electronic Version v1.1  
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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>Jeremy Daniel Van Dam</td> <td>07/24/2012</td> </tr> <tr> <td>Norman Arnold Turnquist</td> <td>07/24/2012</td> </tr> <tr> <td>Tsarafidy Raminosoa</td> <td>07/24/2012</td> </tr> <tr> <td>Manoj Ramprasad Shah</td> <td>08/07/2012</td> </tr> <tr> <td>Xiaochun Shen</td> <td>07/24/2012</td> </tr> </tbody> </table>		Name	Execution Date	Jeremy Daniel Van Dam	07/24/2012	Norman Arnold Turnquist	07/24/2012	Tsarafidy Raminosoa	07/24/2012	Manoj Ramprasad Shah	08/07/2012	Xiaochun Shen	07/24/2012
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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		
Name:	General Electric Company												
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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>13538197</td> </tr> </tbody> </table>		Property Type	Number	Application Number:	13538197								
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CORRESPONDENCE DATA													
<p>Fax Number: 8666810537          Phone: 518-387-7724          Email: ldocket@crd.ge.com  <i>Correspondence will be sent to the e-mail address first; if that is unsuccessful, it will be sent via US Mail.</i></p> <p>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</p>													
ATTORNEY DOCKET NUMBER:	256088-1												
NAME OF SUBMITTER:	Andrew J. Caruso												

CH \$40.00 13538197

**Total Attachments: 6**

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**ASSIGNMENT**

In accordance with my/our obligations 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 the General Electric Company, a New York Corporation, and my employer), and/or for other good and valuable consideration of which I/we acknowledge receipt, I/we,

<b>Jeremy Daniel Van Dam</b>	of	<b>West Coxsackie, NY</b>
<b>Norman Arnold Turnquist</b>	of	<b>Carlisle, NY</b>
<b>Tsarafidy Raminosa</b>	of	<b>Niskayuna, NY</b>
<b>Manoj Ramprasad Shah</b>	of	<b>Latham, NY</b>
<b>Xiaochun Shen</b>	of	<b>Cohoes, NY</b>

hereby sell and assign to **General Electric Company, a New York Corporation**, (hereinafter referred to as Assignee) having an address at 1 River Road, Schenectady, New York 12345, USA, its successors and assigns my (our) entire respective right(s), title(s) and interest(s) in and to the invention and improvements invented and originated by me/us and described in the application for United States Patent currently entitled:

**ELECTRIC MACHINE AND SYSTEMS COMPRISING THE SAME**

☐ executed concurrently herewith,

☒ filed on **06/29/2012** having Serial Number **13/538197**

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 said United States application, and authorize and request any official whose duty it is to issue patents, to issue any patent on said inventions and improvements resulting therefrom to said Assignee, or its successors or assigns and agree that on request and without further consideration, but at the expense of said Assignee, I/we will communicate to said Assignee or its representatives or nominees any facts known to me/us respecting said 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 said Assignee, its successors, assigns, and nominees to obtain and enforce proper patent protection for said invention and its improvements in all countries.

INVENTOR 1

Signature: Jeremy Daniel Van Dam  
Jeremy Daniel Van Dam

Date: 7/24/2012

Witnessed by: [Signature]  
Signature  
Adolfo Delgado  
Printed Name of Witness

Date: 07/24/2012

Witnessed by: [Signature]  
Signature  
Ken Salas  
Printed Name of Witness

Date: 07/24/2012

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

\_\_\_\_\_  
Jeremy Daniel Van Dam

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

STATE OF NEW YORK

ss.

COUNTY OF SCHENECTADY


This \_\_\_\_\_ day of \_\_\_\_\_, \_\_\_\_\_ before me personally came the above-named Jeremy Daniel Van Dam, 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)

DOCKET NUMBER: 256088-1

INVENTOR 2

Signature:   
Norman Arnold TurnquistDate: July 24, 2012Witnessed by:   
SignatureDate: July 24, 2012Jason Montzheim  
Printed Name of WitnessWitnessed by:   
SignatureDate: 7/24/2012FARSHAD GHASSEMI  
Printed Name of Witness

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\_\_\_\_\_  
Norman Arnold Turnquist Date: \_\_\_\_\_

STATE OF NEW YORK

ss.

COUNTY OF SCHENECTADY

This \_\_\_\_\_ day of \_\_\_\_\_, \_\_\_\_\_ before me personally came the above-named Norman Arnold Turnquist, 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: \_\_\_\_\_

**Tsarafidy Raminosoa**

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

JULY 24, 2012

Witnessed by: \_\_\_\_\_

Signature

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

JULY 24, 2012

PATEL BHAGIBERATH REDDY

Printed Name of Witness

Witnessed by: \_\_\_\_\_

Signature

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

JULY 24, 2012

James Pellegrino Alexander

Printed Name of Witness

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

\_\_\_\_\_  
**Tsarafidy Raminosoa**

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

STATE OF NEW YORK

SS.

COUNTY OF SCHENECTADY

This \_\_\_\_\_ day of \_\_\_\_\_, \_\_\_\_\_ before me personally came the above-named **Tsarafidy Raminosoa**, 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: Manoj Ramprasad Shah Date: August 7, 2012  
Manoj Ramprasad Shah

Witnessed by: [Signature] Date: 8/7/2012  
Signature

Steven Gubala  
Printed Name of Witness

Witnessed by: Ravisekhar Ratv Date: 8/7/2012  
Signature

RAVISEKHAR RATV  
Printed Name of Witness

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\_\_\_\_\_  
Manoj Ramprasad Shah Date: \_\_\_\_\_

STATE OF NEW YORK

SS.

COUNTY OF SCHENECTADY

This \_\_\_\_\_ day of \_\_\_\_\_, \_\_\_\_\_ before me personally came the above-named Manoj Ramprasad Shah, 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: [Signature]  
Xiaochun Shen

Date: 7/24/2012

Witnessed by: [Signature]  
Signature  
Ching-Jen Tang  
Printed Name of Witness

Date: 7/24/2012

Witnessed by: [Signature]  
Signature  
Joo Han Kim  
Printed Name of Witness

Date: 7/24/2012

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\_\_\_\_\_  
Xiaochun Shen

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

STATE OF NEW YORK

ss.

COUNTY OF SCHENECTADY

This \_\_\_\_\_ day of \_\_\_\_\_, \_\_\_\_\_ before me personally came the above-named Xiaochun Shen, 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)