

## PATENT ASSIGNMENT

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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>Yan CUI</td> <td>05/09/2013</td> </tr> <tr> <td>Dechao LIN</td> <td>05/09/2013</td> </tr> <tr> <td>Ganjiang FENG</td> <td>05/09/2013</td> </tr> <tr> <td>Srikanth Chandrudu KOTTILINGAM</td> <td>05/09/2013</td> </tr> </tbody> </table>		Name	Execution Date	Yan CUI	05/09/2013	Dechao LIN	05/09/2013	Ganjiang FENG	05/09/2013	Srikanth Chandrudu KOTTILINGAM	05/09/2013
Name	Execution Date										
Yan CUI	05/09/2013										
Dechao LIN	05/09/2013										
Ganjiang FENG	05/09/2013										
Srikanth Chandrudu KOTTILINGAM	05/09/2013										
RECEIVING PARTY DATA											
Name:	GENERAL ELECTRIC COMPANY										
Street Address:	One River Road										
City:	Schenectady										
State/Country:	NEW YORK										
Postal Code:	12345										
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>13894496</td> </tr> </tbody> </table>		Property Type	Number	Application Number:	13894496						
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Application Number:	13894496										
CORRESPONDENCE DATA											
Fax Number:	7172375300										
<i>Correspondence will be sent via US Mail when the fax attempt is unsuccessful.</i>											
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ATTORNEY DOCKET NUMBER:	263741/22113-0155										
NAME OF SUBMITTER:	Kerri J. Smith										
Signature:	/Kerri J. Smith/										

CH \$40.00 13894496

PATENT

Date:	05/15/2013
	This document serves as an Oath/Declaration (37 CFR 1.63).
<p>Total Attachments: 4 source=A3367455#page1.tif source=A3367455#page2.tif source=A3367455#page3.tif source=A3367455#page4.tif</p>	

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:

**CASTING METHOD, CAST ARTICLE, AND CASTING SYSTEM**

- the specification of which is attached hereto OR  
 United States application or PCT international application number \_\_\_\_\_ filed on \_\_\_\_\_, 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
Yan		CUI	of	Greer	SC	US
Dechao		LIN	of	Greer	SC	US
Ganjiang		FENG	of	Greenville	SC	US
Srikanth	Chandrudu	KOTTILINGAM	of	Simpsonville	SC	US

Docket No.: 263741/22113-0155  
Customer No.: 13152

hereby sell and assign to:

Name of Company: <b>GENERAL ELECTRIC COMPANY</b>
Entity Type (optional): <i>New York corporation</i>
Address: <i>One 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.

Docket No.: 263741/22113-0155  
Customer No.: 13152

INVENTOR 1

Signature: Yan Cui  
Yan CUI

Date: 5/9/2013

Witnessed by: Shan Liu  
Signature

Date: 5/9/2013

SHAN LIU  
Printed Name of Witness

Witnessed by: Ibrahim Uçok  
Signature

Date: 5-9-2013

IBRAHIM UCOK  
Printed Name of Witness

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INVENTOR 2

Signature: Dechao Lin  
Dechao LIN

Date: 5/9/2013

Witnessed by: Shan Liu  
Signature

Date: 5/9/2013

SHAN LIU  
Printed Name of Witness

Witnessed by: Ibrahim Uçok  
Signature

Date: 5-9-2013

IBRAHIM UCOK  
Printed Name of Witness

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INVENTOR 3

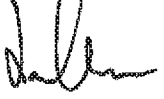
Signature:   
Ganjiang FENG

Date: 5/9/2013

Witnessed by:   
Signature

Date: 5/9/2013

Arthur S. Peck  
Printed Name of Witness

Witnessed by:   
Signature

Date: 5/9/2013

JASON PAROLINI  
Printed Name of Witness

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INVENTOR 4

Signature:   
Srikanth Chandrudu KOTTILINGAM

Date: 5/9/2013

Witnessed by:   
Signature

Date: 5/9/2013

JASON PAROLINI  
Printed Name of Witness

Witnessed by:   
Signature

Date: 5/9/2013

Kenneth B. Potter  
Printed Name of Witness

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