

PATENT ASSIGNMENT COVER SHEET

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EPAS ID: PAT2777053

SUBMISSION TYPE:	NEW ASSIGNMENT
NATURE OF CONVEYANCE:	ASSIGNMENT
CONVEYING PARTY DATA	
Name	Execution Date
QI ZHAO	11/14/2013
STEVEN ROBERT HAYASHI	11/14/2013
BRIAN VICTOR MOORE	11/14/2013
DANIEL TRIBENI PERSAUD	11/14/2013
MICHAEL DOUGLAS ARNETT	11/14/2013
JUNYOUNG PARK	11/14/2013
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:	14081116
CORRESPONDENCE DATA	
Fax Number:	(203)944-6712
<i>Correspondence will be sent to the e-mail address first; if that is unsuccessful, it will be sent via US Mail.</i>	
Phone:	518-387-7724
Email:	gpo.mail@ge.com
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
ATTORNEY DOCKET NUMBER:	267841-1
NAME OF SUBMITTER:	JOSEPH J. CHRISTIAN
SIGNATURE:	/Joseph J. Christian/
DATE SIGNED:	03/20/2014
This document serves as an Oath/Declaration (37 CFR 1.63).	

PATENT

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REEL: 032483 FRAME: 0469

Total Attachments: 8

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PATENT

REEL: 032483 FRAME: 0470

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 FORMING A LOW ALLOY STEEL CASTING

- ☒ the specification of which is attached hereto OR
☐ United States application or PCT international application number _____, as
_____ 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
Qi		Zhao	of	Niskayuna	NY	US
Steven	Robert	Hayashi	of	Niskayuna	NY	US
Brian	Victor	Moore	of	Niskayuna	NY	US
Daniel	Tribeni	Persaud	of	Schenectady	NY	US
Michael	Douglas	Arnett	of	Simpsonville	SC	US
Junyoung		Park	of	Greer	SC	US

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: 
Qi Zhao

Date: 11/14/2013

Witnessed by: 
Signature

Date: 11/14/2013

Kristen Brosnan
Printed Name of Witness

Witnessed by: 
Signature

Date: 11/14/2013

Larry Rosenzweig
Printed Name of Witness

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

Qi Zhao

Date: _____

STATE OF NEW YORK

ss.

COUNTY OF SCHENECTADY

This _____ day of _____, _____ before me personally came the above-named **Qi Zhao**, 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: Steven Robert Hayashi Date: Nov 14, 2013
Steven Robert Hayashi

Witnessed by: Kim M. Reksc Date: Nov. 14, 2013
Signature

Kim M. Reksc
Printed Name of Witness

Witnessed by: Mark Cheverton Date: Nov. 14, 2013
Signature

Mark Cheverton
Printed Name of Witness

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

Steven Robert Hayashi Date: _____

STATE OF NEW YORK

ss.

COUNTY OF SCHENECTADY

This _____ day of _____, _____ before me personally came the above-named Steven Robert Hayashi, 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: Brian Victor Moore
Brian Victor Moore

Date: 11/14/2013

Witnessed by: Alaina Luther
Signature

Date: 11/14/2013

Alaina Luther
Printed Name of Witness

Witnessed by: Neelkant Sharma
Signature

Date: 11/14/2013

Neelkant Sharma
Printed Name of Witness

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

Brian Victor Moore

Date: _____

STATE OF NEW YORK

ss.

COUNTY OF SCHENECTADY

This _____ day of _____, _____ before me personally came the above-named **Brian Victor Moore**, 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: 
Daniel Tribeni Persaud

Date: 14 Nov 13

Witnessed by: 
Signature

Date: Nov. 14, 2013

Ning Zhou
Printed Name of Witness

Witnessed by: 
Signature

Date: 11/14/2013

Nicholas M. Lasker
Printed Name of Witness

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Daniel Tribeni Persaud

Date: _____

STATE OF NEW YORK

ss.

COUNTY OF SCHENECTADY

This _____ day of _____, _____ before me personally came the above-named Daniel Tribeni Persaud, 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: *Michael Douglas Arnett*
Michael Douglas Arnett

Date: 11/14/2013

Witnessed by: *Jason Parolini*
Signature

Date: 11/14/2013

JASON PAROLINI
Printed Name of Witness

Witnessed by: *Kenneth B. Potter*
Signature

Date: 11/14/2013

Kenneth B. Potter
Printed Name of Witness

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

Michael Douglas Arnett

Date: _____

STATE OF

ss.

COUNTY OF

This _____ day of _____, _____ before me personally came the above-named **Michael Douglas Arnett**, 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: 
Junyoung Park

Date: 11/14/2013

Witnessed by: 
Signature

Date: 11/14/2013

IBRAHIM UCOK
Printed Name of Witness

Witnessed by: 
Signature

Date: 11/14/2013

MARK R. BROWN
Printed Name of Witness

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

Junyoung Park

Date: _____

STATE OF _____
COUNTY OF _____ ss.

This _____ day of _____, _____ before me personally came the above-named Junyoung Park, 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)