

PATENT ASSIGNMENT

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SUBMISSION TYPE:	NEW ASSIGNMENT																								
NATURE OF CONVEYANCE:	ASSIGNMENT																								
CONVEYING PARTY DATA																									
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CORRESPONDENCE DATA																									
Fax Number:	518-387-77																								
<i>Correspondence will be sent via US Mail when the fax attempt is unsuccessful.</i>																									
Phone:	518-387-7724																								
Email:	ldocket@crd.ge.com																								
Correspondent Name:	GENERAL ELECTRIC COMPANY GLOBAL RESEARCH																								

CH \$40.00 13687369

Address Line 1: ONE RESEARCH CIRCLE
Address Line 2: BLDG. K1-3A59
Address Line 4: NISKAYUNA, NEW YORK 12309

ATTORNEY DOCKET NUMBER: 257657-1

NAME OF SUBMITTER: Richard B. Thomas

Total Attachments: 14
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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:

**SEAL SYSTEMS FOR USE IN TURBOMACHINES AND METHODS OF FABRICATING THE
SAME**

- 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
Farshad		Ghasripor	of	Glenville	NY	US
Iacopo		Giovannetti	of	Firenze		IT
Massimo		Giannozzi	of	Firenze		IT
Krishnamurthy		Anand	of	Bangalore		IN

Nuo		Sheng	of	Schenectady	NY	US
Nicole	Barbara	Piche	of	Nashua	NH	US
Luc	Stephane	Leblanc	of	Clifton Park	NY	US
Wayne	Charles	Hasz	of	Pownal	VT	US
Warren	Arthur	Nelson	of	Clifton Park	NY	US
Paul	Matthew	Thomas	of	Queensbury	NY	US
Dennis	Michael	Gray	of	Delanson	NY	US

v9.18.12

hereby sell and assign to:

Name of Company: <i>Nuovo Pignone S.r.l.</i>
Entity Type: <i>Italian corporation</i>
Address: <i>Via Felice Matteucci, 2, Florence, IT 50127</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: [Signature]
Farshad Ghasripoor

Date: 10/4/2012

Witnessed by: [Signature]
Signature

Date: 10/4/2012

AZAM THATTE
Printed Name of Witness

Witnessed by: [Signature]
Signature

Date: 10/9/2012

VITAY SHILP/ECADWA
Printed Name of Witness

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

_____ Date: _____

Inventor Name

STATE OF

ss.

COUNTY OF

This _____ day of _____, _____ before me personally came the above-named **Farshad Ghasripoor**, 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: Jacopo Giovannetti
Jacopo Giovannetti

Date: 02/10/2012

Witnessed by: Riccardo Paoletti
Signature

Date: 02/10/2012

RICCARDO PAOLETTI
Printed Name of Witness

Witnessed by: Michelangelo Bellacci
Signature

Date: 02/10/2012

MICHELANGELO BELLACCI
Printed Name of Witness

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

_____ Date: _____

Inventor Name

STATE OF

ss.

COUNTY OF

This _____ day of _____, _____ before me personally came the above-named **Jacopo Giovannetti**, 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: *Massimo Giannozzi*
Massimo Giannozzi

Date: 03/10/2012

Witnessed by: *Riccardo Paoletti*
Signature

Date: 03/10/2012

RICCARDO PAOLETTI
Printed Name of Witness

Witnessed by: *Michelangelo Bellucci*
Signature

Date: 03/10/2012

MICHELANGELO BELLUCCI
Printed Name of Witness

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

Date: _____

Inventor Name

STATE OF _____
COUNTY OF _____ ss.

This _____ day of _____, _____ before me personally came the above-named **Massimo Giannozzi**, 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)

GE Docket No. 257657-1

INVENTOR 4

Signature: Krishnamurthy Anand
Krishnamurthy Anand

Date: October 5th, 2012

Witnessed by: Praveen
Signature
Praveen Kumar Gali
Printed Name of Witness

Date: October 5th, 2012

Witnessed by: [Signature]
Signature
DHEETA SRENI VASANTH
Printed Name of Witness

Date: October 5th, 2012

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

Date: _____

Inventor Name

STATE OF

INVENTOR 5

Signature: [Signature]
Nuo Sheng

Date: 10/4/2012

Witnessed by: [Signature]
Signature

Date: 10/4/2012

VITAY J. H. H.
Printed Name of Witness

Witnessed by: [Signature]
Signature

Date: 10/6/2012

ARISH KULKARNI
Printed Name of Witness

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

_____ Date: _____

Inventor Name

STATE OF

ss.

COUNTY OF

This _____ day of _____, _____ before me personally came the above-named **Nuo Sheng**, 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: Nicole Barbara Piche
Nicole Barbara Piche

Date: 10/5/12

Witnessed by: Shankar
Signature

Date: 10/5/12

SHANKAR SIVARAMAKRISHNAN
Printed Name of Witness

Witnessed by: Matthew Rafalik
Signature

Date: 10/5/12

Matthew Rafalik
Printed Name of Witness

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

_____ Date: _____

Inventor Name

STATE OF

ss.

COUNTY OF

This _____ day of _____, _____ before me personally came the above-named **Nicole Barbara Piche**, 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 7

Signature: Luc Stephane Leblanc Date: 10/04/2012
Luc Stephane Leblanc

Witnessed by: [Signature] Date: 10/04/2012
Signature

AZAM THATTE
Printed Name of Witness

Witnessed by: [Signature] Date: 10/4/2012
Signature

VITAY SHILPISKANDUA
Printed Name of Witness

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

_____ Date: _____

Inventor Name

STATE OF

ss.

COUNTY OF

This _____ day of _____, _____ before me personally came the above-named **Luc Stephane Leblanc**, 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 8

Signature: Wayne Charles Hasz
Wayne Charles Hasz

Date: 10/5/2012

Witnessed by: Shankar
Signature

Date: 10/5/2012

SHANKAR SIVARAMAKRISHNAN
Printed Name of Witness

Witnessed by: James Murphy
Signature

Date: 10-5-12

James Murphy
Printed Name of Witness

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

_____ Date: _____

Inventor Name

STATE OF _____
COUNTY OF _____ ss.

This _____ day of _____, _____ before me personally came the above-named **Wayne Charles Hasz**, 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 9

Signature: Warren Arthur Nelson
Warren Arthur Nelson

Date: Oct 2, 2012

Witnessed by: G.P. Jarrabet
Signature

Date: 10-2-2012

G.P. Jarrabet
Printed Name of Witness

Witnessed by: Joseph G. Albanese
Signature

Date: Oct 2, 2012

Joseph G. Albanese
Printed Name of Witness

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

_____ Date: _____

Inventor Name

STATE OF

ss.

COUNTY OF

This _____ day of _____, _____ before me personally came the above-named **Warne Arthur Nelson**, 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 TO

Signature: Paul Matthew Thomas
Paul Matthew Thomas

Date: 10/04/2012

Witnessed by: [Signature]
Signature

Date: 10/4/2012

K. JAY SHILPAKANDULA
Printed Name of Witness

Witnessed by: [Signature]
Signature

Date: 10/4/2012

AZAM THATTE
Printed Name of Witness

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

_____ Date: _____

Inventor Name

STATE OF

ss.

COUNTY OF

This _____ day of _____, _____ before me personally came the above-named **Paul Matthew 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)

GE Docket No. 257657-1

INVENTOR 11

Signature: Dennis Michael Gray Date: 10-4-12
Dennis Michael Gray

Witnessed by: Alban Joseph Zeledon Date: 10-4-12
Signature

Alban Joseph Zeledon
Printed Name of Witness

Witnessed by: Kenneth Edward Zyges Date: 10-4-2012
Signature

Kenneth Edward Zyges
Printed Name of Witness

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

_____ Date: _____

Inventor Name

STATE OF

ss.

COUNTY OF

This _____ day of _____, _____ before me personally came the above-named **Dennis Michael Gray**, 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)