

PATENT ASSIGNMENT COVER SHEET

Electronic Version v1.1
Stylesheet Version v1.2

EPAS ID: PAT3535289

SUBMISSION TYPE:	NEW ASSIGNMENT
NATURE OF CONVEYANCE:	ASSIGNMENT
CONVEYING PARTY DATA	
Name	Execution Date
NICHOLAS JOSEPH KRAY	09/14/2015
XIAOMEI FANG	08/28/2015
CHRISTOPHER MADSEN	09/03/2015
IAN FRANCIS PRENTICE	09/08/2015
SULTAN SHAIR	08/28/2015
DONG-JIN SHIM	09/18/2015
DOUGLAS DUANE WARD	09/21/2015
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:	14860132
CORRESPONDENCE DATA	
Fax Number:	(203)373-7153
<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>	
Phone:	203-366-7474
Email:	Claire.Murray@ge.com
Correspondent Name:	GENERAL ELECTRIC COMPANY GE GLOBAL PATEN
Address Line 1:	3135 EASTON TURNPIKE
Address Line 4:	FAIRFIELD, CONNECTICUT 06828
ATTORNEY DOCKET NUMBER:	271524 _2
NAME OF SUBMITTER:	WILLIAM SCOTT ANDES
SIGNATURE:	/William Scott Andes/
DATE SIGNED:	09/21/2015

Total Attachments: 10

source=271524__2_US_Combined_Dec_Assg#page1.tif
source=271524__2_US_Combined_Dec_Assg#page2.tif
source=271524__2_US_Combined_Dec_Assg#page3.tif
source=271524__2_US_Combined_Dec_Assg#page4.tif
source=271524__2_US_Combined_Dec_Assg#page5.tif
source=271524__2_US_Combined_Dec_Assg#page6.tif
source=271524__2_US_Combined_Dec_Assg#page7.tif
source=271524__2_US_Combined_Dec_Assg#page8.tif
source=271524__2_US_Combined_Dec_Assg#page9.tif
source=271524__2_US_Combined_Dec_Assg#page10.tif

**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:

BRAIDED BLADES AND VANES HAVING DOVETAIL ROOTS

- the specification of which is attached hereto OR
- United States application or PCT international application number

14/860132 filed on September 21, 2015, 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
Nicholas	Joseph	KRAY	of	West Chester	OH	US
Xiaomei		FANG	of	Niskayuna	NY	US
Christopher		MADSEN	of	Garching b. Munchen	Bavaria	DE
Ian	Francis	PRENTICE	of	Cincinnati	OH	US

Sultan		SHAIR	of	Ismaning	Bavaria	DE
Dong-Jin		SHIM	of	Niskayuna	NY	US
Douglas	Duane	WARD	of	Cincinnati	OH	US

hereby sell and assign to:

Name of Company: <i>GENERAL ELECTRIC COMPANY</i>
Entity Type (optional):
Address: <i>1 River Road</i> <i>Schenectady, New York 12345</i> <i>United States of America</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
US	PRO- Provisional	62/053835	September 23, 2014	BRAIDED BLADES AND VANES HAVING DOVETAIL ROOTS

(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.

GE Docket No. 271524

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: [Handwritten Signature]
Nicholas Joseph KRAY

Date: 9/17/2015

Witnessed by: [Handwritten Signature]
Signature

Date: 9/17/2015

Anthony Hengler
Printed Name of Witness

Witnessed by: [Handwritten Signature]
Signature

Date: 9/14/2015

N. Wes Gilbert
Printed Name of Witness

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

Nicholas Joseph KRAY

Date: _____

STATE OF _____

COUNTY OF _____

This _____ day of _____, _____ before me personally came the above-named Nicholas Joseph KRAY, 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: _____
Xiaomei FANG

Date: _____

Witnessed by: _____
Signature

Date: _____

Printed Name of Witness _____

Witnessed by: _____
Signature

Date: _____

Printed Name of Witness _____

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

Xiaomei Fang
Xiaomei FANG

Date: 8/28/15

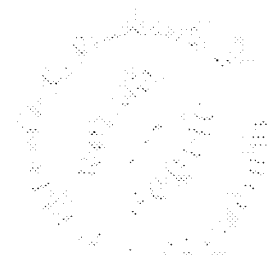
STATE OF Connecticut
COUNTY OF Hartford

This 28th day of August, 2015 before me personally came the above-named Xiaomei FANG, 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

[Signature]

(Notary Public)



my Commission expires
November 30, 2017

GE Docket No. 271524

INVENTOR 3

Signature: [Handwritten Signature]
Christopher MADSEN

Date: 03 Sep 2015

Witnessed by: [Handwritten Signature]
Signature

Date: 03 Sep 2015

Hiroysuki Tanaka
Printed Name of Witness

Witnessed by: [Handwritten Signature]
Signature

Date: 03 Sep 2015

Malin Petersen
Printed Name of Witness

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

.....
Christopher MADSEN

Date:

STATE OF
COUNTY OF

This _____ day of _____, _____ before me personally came the above-named Christopher MADSEN, 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: [Signature]
Ian Francis PRENTICE

Date: 9/8/2015

Witnessed by: [Signature]
Signature

Date: 9/8/2015

Daniel Vergerth
Printed Name of Witness

Witnessed by: [Signature]
Signature

Date: 9/8/2015

JAY BOURGRAE
Printed Name of Witness

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

Ian Francis PRENTICE Date: _____

STATE OF _____

COUNTY OF _____

This _____ day of _____, _____ before me personally came the above-named Ian Francis PRENTICE, 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. 271524

INVENTOR 5

Signature: _____
Sultan SHAIR

Date: 28 August 2015

Witnessed by: _____

Signature

Date: 28 Aug 2015

STEFAN VAN NEUWENHOVE
Printed Name of Witness

Witnessed by: _____

Signature

Date: 28 Aug 2015

Martin Plesner
Printed Name of Witness

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

Sultan SHAIR

Date: _____

STATE OF

COUNTY OF

This _____ day of _____, _____ before me personally came the above-named Sultan SHAIR, 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. 271524

INVENTOR 6

Signature: [Signature]
Dong-Jin SHIM

Date: 9/18/2015

Witnessed by: [Signature]
Signature

Date: 9/18/2015

Dasom Park
Printed Name of Witness

Witnessed by: [Signature]
Signature

Date: 9/18/2015

YUN CHUNG
Printed Name of Witness

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

Dong-Jin SHIM

Date: _____

STATE OF

COUNTY OF

This _____ day of _____, _____ before me personally came the above-named Dong-Jin SHIM, 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. 271524

INVENTOR 7

Signature: Douglas Duane Ward
Douglas Duane WARD

Date: Sept 21, 2015

Witnessed by: Todd Aaron Bullions
Signature

Date: Sept 21, 2015

Todd Aaron Bullions
Printed Name of Witness

Witnessed by: Leslie L Rhoads
Signature

Date: 9/21/2015

Leslie L Rhoads
Printed Name of Witness

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

..... Date:

Douglas Duane WARD

STATE OF

COUNTY OF

This _____ day of _____ before me personally came the above-named Douglas Duane WARD, 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)