

PATENT ASSIGNMENT COVER SHEET

Electronic Version v1.1
 Stylesheet Version v1.2

EPAS ID: PAT6110861

SUBMISSION TYPE:	NEW ASSIGNMENT
NATURE OF CONVEYANCE:	ASSIGNMENT
CONVEYING PARTY DATA	
Name	Execution Date
SHAN LIU	04/03/2020
CARRIE L. GRIMARD	04/03/2020
JACOB A. SALM	04/02/2020
SERHAT YUMUSAK	04/02/2020
RICHARD BOWLES	05/17/2020
MARINA KARR	04/06/2020
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:	16841277
CORRESPONDENCE DATA	
Fax Number:	
<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:	404-853-8000
Email:	chrisbroome@eversheds-sutherland.com
Correspondent Name:	EVERSHEDS SUTHERLAND GE SUITE 2300
Address Line 1:	999 PEACHTREE STREET
Address Line 4:	ATLANTA, GEORGIA 30309
ATTORNEY DOCKET NUMBER:	19441-1661 (508246-US-1)
NAME OF SUBMITTER:	JOEL D. BRADLEY, REG. # 77,242
SIGNATURE:	/Joel D. Bradley/
DATE SIGNED:	05/18/2020
Total Attachments: 8	

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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:

**SYSTEMS AND METHODS FOR IDENTIFYING AND MITIGATING GAS TURBINE
COMPONENT MISALIGNMENT USING VIRTUAL SIMULATION**

- the specification of which is attached hereto OR
- United States application or PCT international application number
16/841,277 filed on April 6, 2020, 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 / Location	Postal Code	Residence Country
Shan		LIU	of	Greenville	29615	US
Carrie	L.	GRIMARD	of	Greenville	29615	US
Jacob	A.	SALM	of	Greenville	29615	US
Serhat		YUMUSAK	of	Kocaeil	41400	TR
Richard		BOWLES	of	Greenville	29615	US

Marina		KARR	of	Greenville	29615	US
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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: Shan Liu
Shan LIU

Date: 4/3/2020

Witnessed by: [Signature]
Signature

Date: 4-3-2020

JACK BENNETT
Printed Name of Witness

Witnessed by: Colin M. Kelly
Signature

Date: 4-3-2020

Colin M. Kelly
Printed Name of Witness

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

Shan LIU

Date: _____

STATE OF _____

ss.


COUNTY OF _____

This _____ day of _____, 2020 before me personally came the above-named **Shan Liu**, 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: 
Carrie L. GRIMARD

Date: 4/3/2020

Witnessed by: 
Signature

Date: 4/3/2020

SARAH BAILEY
Printed Name of Witness

Witnessed by: 
Signature

Date: 4/3/2020

CODY COLLINS
Printed Name of Witness

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

Carrie L. GRIMARD Date: _____

STATE OF _____
COUNTY OF _____ ss.

This _____ day of _____, 2020 before me personally came the above-named **Carrie L. Grimard**, 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)

(Notary Public)

Seal

This _____ day of _____, 2020 before me personally came the above-named Jacob A. Salim 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.

STATE OF _____
COUNTY OF _____
ss _____

Jacob A. SALIM

Date: _____

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Printed Name of Witness

Joselyn R. Blasetti

Signature

Witnessed by

Joselyn R. Blasetti

Date

4/2/20

Printed Name of Witness

Donna T. Salim

Signature

Witnessed by

Donna T. Salim

Date

4/2/20

Signature:

Jacob A. SALIM

Jacob A. Salim

Date

4/2/20

INVENTOR 3

GE Docket No. 508246-US-1
Atty Docket No. 19441-1661

INVENTOR 4

Signature: 
Serhat YUMUSAK

Date: 04/02/2020

Witnessed by: 
Signature

Date: 04/02/2020

Mustafa Yumulakhaigh
Printed Name of Witness

Witnessed by: 
Signature

Date: 04/02/2020

Halil Ibrahim Artaimur
Printed Name of Witness

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Serhat YUMUSAK Date: _____

STATE OF _____
COUNTY OF _____ ss.

This _____ day of _____, 2020 before me personally came the above-named Serhat Yumusak, 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.

Saaf

(Notary Public)

INVENTOR 5


Signature: 
Richard BOWLES

Date: 5/17/2020

Witnessed by: 
Signature

Date: 5/17/2020

Steven L. Dufort
Printed Name of Witness

Witnessed by: 
Signature

Date: 5/17/2020

STEPHEN ORUBIO
Printed Name of Witness

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

Richard BOWLES

Date: _____

STATE OF _____

ss.

COUNTY OF _____

This _____ day of _____, 2020 before me personally came the above-named **Richard Bowles**, 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: *Marina KARR* Date: 4/6/20
Marina KARR

Witnessed by: *Lacey Schwab* Date: 4/6/2020
Signature
Lacey Schwab
Printed Name of Witness

Witnessed by: *Aaron Hanuschak* Date: 4/6/2020
Signature
Aaron Hanuschak
Printed Name of Witness

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

Marina KARR Date: _____

STATE OF _____
COUNTY OF _____ ss.

This _____ day of _____, 2020 before me personally came the above-named **Marina KARR**, 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)