505379900 03/18/2019

PATENT ASSIGNMENT COVER SHEET

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SUBMISSION TYPE:	NEW ASSIGNMENT
NATURE OF CONVEYANCE:	ASSIGNMENT

CONVEYING PARTY DATA

Name	Execution Date
DANIEL ENDECOTT OSGOOD	02/06/2019
JONATHAN RUSSELL RATZLAFF	02/08/2019
KIRK D. GALLIER	01/18/2019

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:	16356390

CORRESPONDENCE DATA

Fax Number: (616)742-1010

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.

Phone: 6167423500

Email: patents@mcgarrybair.com

MCGARRY BAIR PC / GENERAL ELECTRIC COMPA **Correspondent Name:**

Address Line 1: 45 OTTAWA AVE. SW, SUITE 700 Address Line 4: GRAND RAPIDS, MICHIGAN 49503

ATTORNEY DOCKET NUMBER:	326304-US-1/72266-0512	
NAME OF SUBMITTER:	MARK A. DAVIS	
SIGNATURE:	/Mark A Davis/	
DATE SIGNED:	03/18/2019	

Total Attachments: 5

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PATENT REEL: 048624 FRAME: 0075

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:

TURBINE ENGINE COMPONENT AND METHOD OF COOLING 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
Daniel	Endecott	Osgood	of	Cincinnati	OH	US
Jonathan	Russell	Ratzlaff	of	Loveland	OH	US
Kirk	D.	Gallier	of	Cincinnati	ОН	US

v9.18.12

hereby sell and assign to:

1

Name of Company: General Electric Company		
Entity Type (optional): a New York Corporation		
Address: 1 River Road, Schenectady, New York 12345		

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: Description of the Control of the Contro	Date: <u>82 10 6 / 2019</u>
Witnessed by: 1/2 / Signature	Date: <u>2/6/19</u>
Witnessed by: Kahim Panjwani Printed Name of Witness Witnessed by: Signature	- Date: <u>2/6/19</u>
Printed Name of Witness	Alikia bi preation on a komanu
SECTION BELOW IS FOR USE ONLY IF SI	GNING IN PRESENCE OF A NOTARY
Daniel Endecott Osgood	Date:
STATE OF	
COUNTY OF	
This day of,,,,	before me personally came the above-named town as the individual who executed the foregoing the executed the same of his/her own free will for
Seal	
	(Notary Public)

INVENTOR 2		
Signature: <u>Call Call Call</u> Jonathan Russell Ratzlaff	Date: <u>2/8/22/7</u>	
Witnessed by: Signature Gregory K Sluyter Printed Name of Witness	Date: <u>2/8/2019</u>	
Witnessed by: Mignature	Date: 2/8/2019	
TA 10 M R. 1m;4h Printed Name of Witness		
SECTION BELOW IS FOR USE ONLY IF SIGNING	IN PRESENCE OF A NOTARY	
Jonathan Russell Ratzlaff Date:		
STATE OF ss.		
COUNTY OF		
This day of before me personally came the above-named <u>Jonathan Russell Ratzlaff</u> , 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. 326304/ McGarry Bair No. 72266-0512 TURBINE ENGINE COMPONENT AND METHOD OF COOLING

INVENTOR 3	
Signature: Kirk D. Gallier	Date:
Witnessed by: <u>Archay / Blas</u> Signature Andrew J. Rair	Date: 1-18-19
Witnessed by: Signature Christophy T N N	
Printed Name of Witness	
SECTION BELOW IS FOR USE ONLY IF SIG	INING IN PRESENCE OF A NOTARY
2.6.7	Date:
Kirk D. Gallier	
STATE OF ss.	
This day of, Kirk D. Gallier, to me personally known as the ir who acknowledged to me that he/she executed therein set forth.	before me personally came the above-named idividual who executed the foregoing assignment he same of his/her own free will for the purposes
Seal	
	(Notary Public)

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