504662723 11/29/2017

PATENT ASSIGNMENT COVER SHEET

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EPAS ID: PAT4709445

SUBMISSION TYPE:	NEW ASSIGNMENT
NATURE OF CONVEYANCE:	ASSIGNMENT

CONVEYING PARTY DATA

Name	Execution Date
MOHAMMAD KHAJA MOHIDDIN SHAIK	10/03/2017
DAVID RAJU YAMARTHI	10/03/2017
BALAMURUGAN SRIDHARAN	10/03/2017
ANIRBAN CHATTERJEE	10/09/2017
PRATEEK JALAN	10/03/2017

RECEIVING PARTY DATA

Name: GE AVIATION SYSTEMS LLC	
Street Address: 3290 PATTERSON AVENUE SE	
City:	GRAND RAPIDS
State/Country:	MICHIGAN
Postal Code:	49512

PROPERTY NUMBERS Total: 1

Property Type	Number
Application Number:	15722630

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

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Correspondent Name: MCGARRY BAIR PC Address Line 1: 45 OTTAWA AVE., SW

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Address Line 4: GRAND RAPIDS, MICHIGAN 49503

ATTORNEY DOCKET NUMBER:	320500/71966-0542	
NAME OF SUBMITTER:	PATRICK J. BURNS	
SIGNATURE:	/Patrick J. Burns/	
DATE SIGNED:	11/29/2017	

Total Attachments: 7

PATENT REEL: 044252 FRAME: 0307 504662723

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PATENT REEL: 044252 FRAME: 0308

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:

METHOD AND APPARATUS FOR COOLING A ROTOR ASSEMBLY

	the specification of whic	h is attached	hereto OR		
\boxtimes	United States applicatio	n or PCT inte	rnational application nu	umber	
	15/722,630	filed on _	October 2, 2017	, 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 GE Aviation Systems LLC, a Delaware limited liability company, 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
Mohammad Khaja Mohiddin		Shaik	of	Bangalore	Karnataka	IN
David	Raju	Yamarthi	of	Bangalore	Karnataka	IN
Balamurugan		Sridharan	of	Bangalore	Karnataka	IN
Anirban		Chatterjee	of	Bangalore	Karnataka	IN
Prateek		Jalan	of	Bangalore	Karnataka	IN

1

PATENT REEL: 044252 FRAME: 0309 GE Docket No. 320500 / McGarry Bair No. 71986-0542 METHOD AND APPARATUS FOR COOLING A ROTOR ASSEMBLY

ve.18.12 hereby sell and assign to:

Name of Comp	eny: GE Aviation :	Systems LLC				*****************	
	tional): a Delaware		ity compa	ny			
Address: 3290	Patterson Avenue	68 is it 68	. 88:44:44	anean	USA		

herein referred to as "Company", its successors and assigns our entire respective rights, liftes 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 end 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 filling 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.

2

INVENTOR 1	
Mohammad Khaja Mohiddin Shaik	<u>03 October 2017</u>
Signafure	<u>03-04-2012</u>
Frinted Name of Wilness	
Witnessed by: Asia Date: Signature	23-04-2014
Printed Name of Witness	
SECTION BELOW IS FOR USE ONLY IF SIGNING IN PR	ESENCE OF A NOTARY
Data:	
Mohammad Khaja Mohiddin Shaik	
*	
STATE OF	
\$8.	
COUNTY OF	
This day of, before me Mohammad Khaja Mohiddin Shaik, to me personally know foregoing assignment, who acknowledged to me that he/she free will for the purposes therein set forth.	personally came the above-named n as the individual who executed the executed the same of his/her own
Seal	
	(Notary Public)

INVENTOR 2	
Signature: Y. Dawid Ruju David Raju Yamarthi	Date: 03-0ctobex-2017-
Witnessed by: <u>(Numb</u> Signature	Date: <u>03 - 000060 - 30</u> 17
Nithesh P	
Printed Name of Witness	
Witnessed by: <u>(マンシン) Blackoン</u> Signature	Date: 03 - Octber - 2017
<u>UPAYA SHASKAS P</u> Printed Name of Witness	
SECTION BELOW IS FOR USE ONLY IF SIG	NING IN PRESENCE OF A NOTARY
David Raju Yamarthi)ate:
STATE OF ss.	
CONT. I OF	
This day of David Raju Yamarthi, to me personally known assignment, who acknowledged to me that he/sh the purposes therein set forth.	i as the individual who executed the foregoing
Seal Seal	
	(Notary Public)

INVENTOR 3	
Signature: <u>20/2/2020</u> Balamurugan Sridharan	Date: <u>63-07708&1-</u> 20/7
Witnessed by:	Date: <u>03-october-</u> 2017
PANKAI KUMAR MORYA	
Printed Name of Witness	
Witnessed by: Ahlal Shalure Signature Aghatogh Sizzla	Date: <u>03 - Octobor -</u> 2017
Printed Name of Witness	
SECTION BELOW IS FOR USE ONLY IF SIGI	NING IN PRESENCE OF A NOTARY
,	
Balamurugan Sridharan	ale:
STATE OF ss.	
COUNTY OF	
This day of Balamurugan Sridharan, to me personally know assignment, who acknowledged to me that he/sh the purposes therein set forth.	n as the individual who executed the foregoing
Seal	
	(Notary Public)

GE Docket No. 320500 / McGarry Bair No. 71966-0542 METHOD AND APPARATUS FOR COOLING A ROTOR ASSEMBLY

INVENTOR 4		
Signature: Awahen Challes	Date:	<u>09 October 2017</u>
Wilnessed by: <u>Sulv.は Varjat</u> Signature	Date:	09 October 2017
SUBRATA NAYAK	~	
Printed Name of Witness		
Witnessed by: Vallavi Gignature	Date:	<u>09 October</u> 2017
Pallavi Tripathi		
Printed Name of Wilness		
SECTION BELOW IS FOR USE ONLY IF SIG	NING IN PR	ESENCE OF A NOTARY
	Date:	
Anirban Chatterjee		
STATE OF		
SS.		
COUNTY OF		
This day of,,,,,,, Anirban Chatterjee, to me personally known assignment, who acknowledged to me that he/s the purposes therein set forth.	before me as the indi he executed	personally came the above-named vidual who executed the foregoing the same of his/her own free will for
Seal		
,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,	***************************************	(Notary Public)

GE Docket No. 320500 / McGarry Bair No. 71956-0542 METHOD AND APPARATUS FOR COOLING A ROTOR ASSEMBLY

INVENTOR 5	
Signature: <u>\\\\\\\\\\\\\\\\\\\\\\\\\\\\\\\\\\\\</u>	Date: 07 October 2017
Wilnessed by: <u>Stubble Waysa</u> Signature	Date:
SVBRATA NA YA K Printed Name of Witness	
Witnessed by: <u>المُحَدِّدُ المُحَدِّدُ المُحَدِّدُ المُحَدِّدُ المُحَدِّدُ المُحَدِّدُ المُحَدِّدُ المَّ</u>	Date: <u>03.04.2017</u>
AMEN KUSUNIVOE Printed Name of Wilness	
SECTION BELOW IS FOR USE ONLY IF SIG	NING IN PRESENCE OF A NOTARY
)ale:
Prateek Jalan	
STATE OF SS.	
COUNTY OF	
This day of Prateek Jalan, to me personally known as the income acknowledged to me that he/she executed therein set forth.	_ before me personally came the above-named dividual who executed the foregoing assignment he same of his/her own free will for the purpose:
Seal	
	(Notary Public)

7