506193177 08/07/2020

PATENT ASSIGNMENT COVER SHEET

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SUBMISSION TYPE:	NEW ASSIGNMENT
NATURE OF CONVEYANCE:	ASSIGNMENT

CONVEYING PARTY DATA

Name	Execution Date
VEERARAJU VANAPALLI	07/27/2020
DEEPAK GHIYA	08/07/2020
RAGHAVENDRA RAO ADHARAPURAPU	08/05/2020
HAO HUANG	07/21/2020

RECEIVING PARTY DATA

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

PROPERTY NUMBERS Total: 1

Property Type	Number
Application Number:	16987653

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

Correspondent Name: MCGARRY BAIR PC / GENERAL ELECTRIC COMPA

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

ATTORNEY DOCKET NUMBER: 509019-US-1 / 71966-1907	
NAME OF SUBMITTER:	MASON FRANK STARTZ
SIGNATURE:	/Mason Frank Startz/
DATE SIGNED:	08/07/2020

Total Attachments: 7

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PATENT 506193177 REEL: 053431 FRAME: 0091



PATENT REEL: 053431 FRAME: 0092

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:

ELECTRIC MACHINE ROTOR AND METHOD OF FORMING

\boxtimes	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	s 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
Veeraraju		Vanapalli	of	Bangalore	Karnataka	IN
Deepak		Ghiya	of	Bangalore	Karnataka	IN
Raghavendra	Rao	Adharapurapu	of	Bangalore	Karnataka	IN
Hao		Huang	of	Troy	ОН	US
James	Patrick	Mahle	of	Dayton	ОН	US

v9.18.12 hereby sell and assign to:

Name of Company: GE Aviation Systems LLC		
Entity Type (optional): a Delaware limited liability company		
Address: 3290 Patterson Avenue, Grand Rapids, Michigan, 49512, USA		

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.

GE Doubli No. 808018-US-17806 sury Bair No. 71988-1907 BLECTRIC MACHINE POTOR AND METHOD OF FORMING

INVENTOR 1	
Signature 1922	Date
Signature Vewaraju Vanapalli Vilnessed by Signature	Dave 22 July 12090
KISHORZ VETCHA Printed Name of Witness	
Witnessed by: 1975 Bullion	Onto: 27 53-9 2626
LIDAYA BHASKAR PAMILDINAPPI Printed Name of Witness	
SECTION BELOW IS FOR USE ONLY IF SIGNING	IN PRESENCE OF A NOTARY
Veeraraju Variapalii Cate:	
STATE OF SS.	
This day of bell <u>Veetaralis Vanapallit</u> , to me personally known as to assignment, who admowledged to me that he/she ex the purposes therein set forth.	one me personally came the above-named he individual who executed the foregoing acuted the same of his/her own free will for
Seni	
	(Notary Public)

GE Docket No. 509019-US-1 / McGarry Bair No. 71966-1907 ELECTRIC MACHINE ROTOR AND METHOD OF FORMING

INVENTOR 2	
Signature: Deepak Ghiya	Date: <u>Z. Aj vot. Z.02</u> 0
Witnessed by: Signature	Dale: <u>07 - A U3 - 2</u> 820
<u>G UCU VENICATA DATTU ゴッハ</u> Printed Name of Witness	ALAGADDA
Witnessed by: Signature	Date:
Skinivasa Swamina Printed Name of Witness	THAN
SECTION BELOW IS FOR USE ONLY IF SIGN	
Deepak Ghiya	###
STATE OF ss.	÷
COUNTY OF	
This day of	before me personally came the above-named ividual who executed the foregoing assignment, a same of his/her own free will for the purposes
Seal	(1) 1 (1) 1
	(Notary Public)

GE Docket No. 509019-US-1 / McGarry Bair No. 71968-1907 ELECTRIC MACHINE ROTOR AND METHOD OF FORMING

INVENTOR 3	
Signature: A Raglavendo Koo. Raghavendra Rao Adharapurapu	Date: 05 August 2020
Witnessed by:	Date: <u>05/03/2020</u>
<u>Govky VEN KATA DATTU Tonny</u> Printed Name of Witness	4 LA GA O DA
Witnessed by: Signature	Date: <u>05/08/201</u> 0
SACHIN NALAWADE Printed Name of Witness	
SECTION BELOW IS FOR USE ONLY IF SIG	NING IN PRESENCE OF A NOTARY
ព	Pate:
Raghavendra Rao Adharapurapu	
STATE OF	
COUNTY OF	
This day of, to me perso foregoing assignment, who acknowledged to me free will for the purposes therein set forth.	mally known as the individual who executed the
Seal	
	(Notary Public)

INVENTOR 4			
Signature:		Date:	7/21/2020
i iau i iuang			
Witnessed by:	Signature	Date:	
Printed Name of Wi	itness	*******	
Witnessed by:	Signature	Date:	
Printed Name of Wi	itness W IS FOR USE ONLY IF S	SIGNING IN PRES	SENCE OF A NOTARY
		Date:	
Hao Huang			
STATE OF	SS.		
COUNTY OF			
nao nuang, to me	personally known as the	ilidividual willo ex	ersonally came the above-named ecuted the foregoing assignment her own free will for the purposes
Seal			
***************************************		(Notary Public)

INVENTOR 5	
Signature: Signature: Signature Witnessed by: Signature	Date: <u>1-21-2020</u> Date:
Printed Name of Witness	ANA CONTRACTOR OF THE CONTRACT
Witnessed by:Signature	Date:
SECTION BELOW IS FOR USE ONLY IF SI	GNING IN PRESENCE OF A NOTARY Date:
James Patrick Mahle	To get 10.
STATE OF sc. COUNTY OF	
James Patrick Mahle, to me personally know	before me personally came the above-named wn as the individual who executed the foregoing she executed the same of his/her own free will for
Seal	
	(Notary Public)

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PATENT REEL: 053431 FRAME: 0099