11/20/2018 505199534

PATENT ASSIGNMENT COVER SHEET

Electronic Version v1.1 Stylesheet Version v1.2

EPAS ID: PAT5246303

SUBMISSION TYPE:	NEW ASSIGNMENT	
NATURE OF CONVEYANCE:	ASSIGNMENT	

CONVEYING PARTY DATA

Name	Execution Date
GREGORY ALLEN BOARDMAN	11/13/2018
MANAMPATHY GANGADHARAN GIRIDHARAN	11/19/2018
MICHAEL ANTHONY BENJAMIN	11/14/2018
PRADEEP NAIK	11/14/2018
CLAYTON STUART COOPER	11/13/2018
VISHAL SANJAY KEDIYA	11/14/2018

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:	16196383

CORRESPONDENCE DATA

Fax Number: (203)840-6495

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: 513-243-4112

gpo.mail@ge.com,gpodckt@ge.com,tsomers@dority-manning.com,usdocketing@dori Email:

GENERAL ELECTRIC COMPANY GE AVIATION PAT **Correspondent Name:**

1 NEUMANN WAY Address Line 1: Address Line 2: MAIL DROP F16

Address Line 4: CINCINNATI, OHIO 45215

ATTORNEY DOCKET NUMBER:	325665-1/GECV-851	
NAME OF SUBMITTER: YUSUF A. HASAN		
SIGNATURE:	/yusuf a. hasan 74,033/	
DATE SIGNED:	11/20/2018	
	This document serves as an Oath/Declaration (37 CFR 1.63).	

REEL: 047554 FRAME: 0315 505199534

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Total Attachments: 8

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PATENT REEL: 047554 FRAME: 0316

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:

ANNULAR CONCENTRIC FUEL NOZZLE ASSEMBLY

	the specification of which is attached hereto OR		
	United States ap	oplication or PCT international application number filed on November 20, 2018 , 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
Gregory	Allen	Boardman	of	Liberty Township	Ohio	USA
Manampathy	Gangadharan	Giridharan	of	Mason	Ohio	USA
Michael	Anthony	Benjamin	of	Cincinnati	Ohio	USA
Pradeep	***************************************	Naik	of	Bangalore	Karnataka	India
Clayton	Stuart	Cooper	of	Loveland	Ohio	USA
Visĥal	Sanjay	Kediya	of	Akot	Maharashtra	India

PATENT

hereby sell and assign to:

Name of Company: General Electric Company	
Entity Type (optional): New York corporation	
Address: 1 River Road, Schenectady, New York 12345 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 Typ	e of Filing Appl	lication Number	Filing Date	Title
			984-9738		

(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: 1445 May Land	Date: <u>// /3 2-0/</u> 8	
Gregory Allen Boardman		
Witnessed by: Signature Oouglas Turner	Date:	
Printed Name of Witness		
Witnessed by: // C / Signature John C Calkurn	Date:	
Printed Name of Witness		
ronoco ramine or ramidaa		
SECTION BELOW IS FOR USE ONLY IF SIGN	ING IN PRESENCE OF A NOTARY	ğ
		ŧ
Oz	ite;	
Gregory Allen Boardman		
STATE OF		
SS.		
COUNTY OF		
This day of <u>Gregory Allen Boardman</u> , to me personally know assignment, who acknowledged to me that he/she the purposes therein set forth.	m as the individual who executed the forepois	nc
Seal		
	(Notary Public)	

INVENTOR 2
Signature: Hananyak Gangadharan Giridharan Date: 11/19/2018 Manampathy Gangadharan Giridharan
Witnessed by: 1/2 1/2018 Signature Date: 1/19/2018
MAR CO VENTURATO Printed Name of Witness
Witnessed by: Wayke Vagaria Date: 11/19/20/8
Valentina Kaloganova Printed Name of Witness
SECTION BELOW IS FOR USE ONLY IF SIGNING IN PRESENCE OF A NOTARY
Date:
Manampathy Gangadharan Giridharan
STATE OF
COUNTY OF
This day of, before me personally came the above-named Manampathy Gangadharan Giridharan, 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)

PATENT REEL: 047554 FRAME: 0320

INVENTOR 3	
Signature: <u>AAB</u> . Michael Anthony Sehjamin	Date: 1114/2018
Witnessed by: 2 2 2 2 2 2 2 2 2 2 2 2 2 2 2 2 2 2 2	Date: 11/14/2018
<u>DAW Brawa</u> Printed Name of Witness	
Witnessed by: UN (UN Signature	Date:
Printed Name of Withess	
SECTION BELOW IS FOR USE ONLY IF SIGNING	3 IN PRESENCE OF A NOTARY
Date:	. 1000 1000 1000 1000 1000 1000 1000 10
Michael Anthony Benjamin	
STATE OF	
COUNTY OF	
This day of, bel Michael Anthony Benjamin, to me personally kr foregoing assignment, who acknowledged to me the free will for the purposes therein set forth.	ore me personally came the above-named nown as the individual who executed the the same of his/her own
Seal	
	(Notary Public)

GE Docket No. 325665-1/GECV-851 INVENTOR 4 Signature: Date: 14 Nov. 2012 Pradeep Nalk Witnessed by: N.S. B. Date: 14 Nov. 2018 Signature Date: 14 Nov. 2018 Date: 14 Nov. 2018 Signature AJOY PATRA Printed Name of Witness SECTION BELOW IS FOR USE ONLY IF SIGNING IN PRESENCE OF A NOTARY Pradeep Nalk STATE OF SS. COUNTY OF

Pradesp Naik, 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

This _____ day of _____

therein set forth.

Seal

(Notary Public)

____ before me personally came the above-named

INVENTOR 5	
Signature: Clayton Stuart Cooper	Date: 11/13/2016 ²
Witnessed by: Alamana Signature	
Printed Name of Witness	**************************************
Witnessed by: 9.4265	Date: <u>_11/13/2018</u>

SECTION BELOW IS FOR USE ONLY IF	SIGNING IN PRESENCE OF A NOTARY
	Date:
Clayton Stuart Cooper	
STATE OF	
ss.	
COUNTY OF	
This day of,,,	before me personally came the above-named known as the individual who executed the foregoing he/she executed the same of his/her own free will fo
Seal	
	(Notary Public)

INVENTOR 6 Date: 14 NOV 2018 Vishal Sanjay Kediya Date: 14 NOV 2018 CHANDRA Printed Name of Witness Date: Lu IK NoV 2018 Witnessed by: <u>れらのみの</u> Signature <u> Alik Seharia</u> Printed Name of Witness SECTION BELOW IS FOR USE ONLY IF SIGNING IN PRESENCE OF A NOTARY Date: Vishal Sanjay Kediya STATE OF 58. COUNTY OF This _____ day of _____, ____ before me personally came the above-named <u>Vishal Sanjay Kediya</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.

GE Docket No. 325665-1/GECV-851

8

PATENT REEL: 047554 FRAME: 0324

(Notary Public)

Seal