# PATENT ASSIGNMENT COVER SHEET

Electronic Version v1.1 Stylesheet Version v1.2 EPAS ID: PAT4831170

SUBMISSION TYPE:	NEW ASSIGNMENT
NATURE OF CONVEYANCE:	ASSIGNMENT

### **CONVEYING PARTY DATA**

Name	Execution Date
KISHANJIT PAL	02/19/2018
ARNAB SEN	02/14/2018
PRANAV R. KAMAT	02/20/2018
BRANDON WAYNE MILLER	02/12/2018
DANIEL ALAN NIERGARTH	02/12/2018

### **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:	15899831

## **CORRESPONDENCE DATA**

**Fax Number:** (203)840-6495

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Correspondent Name: GENERAL ELECTRIC COMPANY GE AVIATION PAT

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

Address Line 4: CINCINNATI, OHIO 45215

ATTORNEY DOCKET NUMBER:	322881-1/GECV-637
NAME OF SUBMITTER:	J. RHOADES WHITE, JR.
SIGNATURE:	/j. rhoades white, jr. 67,161/
<b>DATE SIGNED:</b> 02/20/2018	
	This document serves as an Oath/Declaration (37 CFR 1.63).

PATENT REEL: 044976 FRAME: 0022

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PATENT REEL: 044976 FRAME: 0023

# 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:

## THERMAL MANAGEMENT SYSTEM

	the specification of which is attached hereto OR			
X	United States application or PCT international application number			
	15/899,831 <b>filed on </b> February 20, 2018 <b>as</b>			
	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
Kishaniit		Pal	of	Bangalore	Karnataka	India
Arnab	***************************************	Sen	of	Bangalore	Karnataka	India
Pranav	R	Kamat	of	Bangalore	Karnataka	India
Brandon	Wavne	Miller	of	Liberty Township	Ohio	USA
Daniel	Alan	Niergarth	of	Norwood	Ohio	USA

hereby sell and assign to:

-

Name of Company: General Electric Company	
Entity Type (aptional): New York corporation	
	1
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	Application Number	Title
100000000000000000000000000000000000000		

(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: Kishanjit P	Date: 19- FEB-2018-
	Witnessed by:	Date: 19-FEB-2018
	VI JAY NAKAY A NA Printed Name of Witness	
	Wilnessed by: Signatu	Dale: <u>19 - FEB 7016</u> re
	ARUN KUMAR Printed Name of Witness SECTION BELOW IS FOR	USE ONLY IF SIGNING IN PRESENCE OF A NOTARY
	Kishanjit Pal	Date:
· · · · · · · · · · · · · · · · · · ·	STATE OF	
	COUNTY OF	SS.,
	<ul> <li>Kishaniit Pal. to me persona</li> </ul>	before me personally came the above-named lly known as the individual who executed the foregoing assignment, t he/she executed the same of his/her own free will for the purposes
	Seal	<i>x</i>
	· · · · · · · · · · · · · · · · · · ·	(Notary Public)

GE Docket No. 322881-1/GECV-637

# GE Docket No. 322881-1/GECV-637

INVENTOR 2			
Signature:	Arnab Sen	Date:	FE3- 14- 2018
Witnessed by:	19.C.Talauanii Signature	Date:	14th fab 2018
	NSWINI		
Witnessed by: $4$	Adharthi Pol Signature	Date:	14th Feb 2018
	PAL	***	
SECTION BELOV	V IS FOR USE ONLY IF	SIGNING IN PRI	ESENCE OF A NOTARY
Arnab Sen		Date:	
STATE OF	ss.		
<u>Arnab Sen</u> , to me μ	personally known as the	individual who e	personally came the above-named executed the foregoing assignment, sher own free will for the purposes
Seal			
S. Springshippengagenegingeneging			(Notary Public)

PATENT REEL: 044976 FRAME: 0027

## GE Docket No. 322881-1/GECV-637

INVENTOR 3	
Signature: Pranav R. Kamat	Date: 20-Feb-2018
Witnessed by:Signature	Date: 20- F2b - 2018
N. SUBRAMANIAN	
Printed Name of Witness	····
Wilnessed by: Signature	Date: 20-Feb-2018
<u>VIJAY NARAYĂ</u> Printed Name of Witness	: 
SECTION BELOW IS FOR USE ONLY IF SI	GNING IN PRESENCE OF A NOTARY
	Date:
Pranav R. Kamat	
STATE OF ss.	
Pranay R. Kamat, to me personally known	before me personally came the above-named as the individual who executed the foregoing the executed the same of his/her own free will for
Seal	
	(Notany Public)

INVENTOR 4	
Signature: Brandon Wayne Miller	
Witnessed by: Signature	Date:
Lawrence William Norse	6
Printed Name of Witness	
Witnessed by: 2.4.2.4. Signature	Date:
DANEW 24TORSK/ Printed Name of Witness	
SECTION BELOW IS FOR USE ONLY IF SIG	NING IN PRESENCE OF A NOTARY
Brandon Wayne Miller	
STATE OF ss.	
COUNTY OF	
This day of,,,,,,	n as the individual who executed the foregoing
Seal	
` <del>************************************</del>	(Notary Public)

INVENTOR 5

Signature: Daniel Alan Niergarth

Witnessed by: Signature

Lawrence Willow Norre

Printed Name of Witness

Witnessed by: Date: 2//2//8
Signature

Date: 2//2//8

DAKEL T ZATOLESTAL
Printed Name of Witness

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

			Date:	
	ın Niergarth		Marine Marine	
STATE OF				
COUNTY	OF	SS.		
<u>Daniel Ala</u> assignmen	an Niergarth, to	me personally kno aged to me that he	own as the indi	personally came the above-named vidual who executed the foregoing the same of his/her own free will for
Seal				30
			***************************************	(Notary Public)