### PATENT ASSIGNMENT COVER SHEET

Electronic Version v1.1 Stylesheet Version v1.2 EPAS ID: PAT3478772

SUBMISSION TYPE:	NEW ASSIGNMENT
NATURE OF CONVEYANCE:	ASSIGNMENT

#### **CONVEYING PARTY DATA**

Name	Execution Date
JING HE	08/07/2015
DEBASISH DHAR	08/07/2015
WILLIAM STEWART JOHNSTON	08/07/2015
LOREN JOHN LOHMEYER III	08/07/2015

#### **RECEIVING PARTY DATA**

Name:	FORD GLOBAL TECHNOLOGIES, LLC
Street Address:	330 TOWN CENTER DRIVE
Internal Address:	SUITE 800
City:	DEARBORN
State/Country:	MICHIGAN
Postal Code:	48126

#### **PROPERTY NUMBERS Total: 1**

Property Type	Number
Application Number:	14823667

#### **CORRESPONDENCE DATA**

Fax Number:

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:** 859-252-0889

**Email:** ford@iplaw1.net, veronica@iplaw1.net

Correspondent Name: KING & SCHICKLI, PLLC Address Line 1: 247 NORTH BROADWAY

Address Line 4: LEXINGTON, KENTUCKY 40507

ATTORNEY DOCKET NUMBER:	83555338
NAME OF SUBMITTER:	MICHAEL S. HARGIS
SIGNATURE:	/Michael S. Hargis/
DATE SIGNED:	08/11/2015
	This document serves as an Oath/Declaration (37 CFR 1.63).
	•

Total Attachments: 4

PATENT REEL: 036301 FRAME: 0103

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source=Signature#page4.tif		

Attorney Docket Number	83555338	

Title of Inventi	ion	SYSTEM OPERABLE IN MULTI-COMPRESSION CYCLES
This declaration is directed to:		
		ached application, or States application or PCT international application number filed on
The above-identif	fied appl	lication was made or authorized to be made by me.
I hereby state the including the clai		e reviewed and understand the contents of the specification in the above-identified application,
I believe that I an	n the orig	ginal inventor or an original joint inventor of a claimed invention in the application.
continuation-in-p	art appli	disclose information which is material to patentability as defined in 37 C.F.R. 1.56, including for ications, material information which became available between the filing date of the prior all or PCT international filing date of the continuation-in-part application.
FORD GLOBAL of the State of D hereinafter referr interest, domestic of the ASSIGNE for the inventions name or names, o insert the serial/ ASSIGNEE, its applications, in a	TECHN Delaware, ed to as e and fore E, its successor application successor d to the plication:	nent agreement heretofore made or by contractual obligation, I do sell, assign and set over unto NOLOGIES, LLC, a Ford Motor Company subsidiary, organized and existing by virtue of the laws, having its principal place of business at Dearborn, County of Wayne, and State of Michigan, the ASSIGNEE, its successors, assigns or other legal representatives, the entire right, title and reign, in and to the inventions and discoveries in the above-identified invention including the right accessors, assigns or other legal representatives to make applications and to receive Letters Patent acoveries in any and all countries, entities and intergovernmental organizations, in its or their own name, at its or their election (and I hereby authorize the ASSIGNEE or ASSIGNEE's attorney to ion number and filing date of the application to receive Letters Patent herein: Serial No
including applica organizations, an	tions for d to perf	nyself, my heirs, successors, assigns or other legal representatives to execute any and all papers, r Letters Patent of any and all kinds and in any and all countries, entities and intergovernmental form any and all acts which the ASSIGNEE, its successors, assigns or other legal representatives coure thereto the rights herein sold, assigned and set over.
And I hereby repr	resent an	d warrant that I have not granted any rights inconsistent with the rights granted herein.
		at any willful false statement made in this declaration is punishable under 18 U.S.C. 1001 by fine ore than five (5) years or both.
LEGAL NAME (		ENTOD
	ng He	Date: 8/7/2015
Signature:	Manufactura de la companya della companya della companya de la companya della com	
		Sheet (PTO/SB/14 or equivalent), including naming the entire inventive entity, must accompany this form. In form for each additional inventor.

Attorney Docket Number	1 93555339	
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little of invention	SYSTEM OPERABLE IN MULTI-COMPRESSION CYCLES	
This declaration is directed to:		
☐ United	States application or PCT international application number filed on	
The above-identified app	lication was made or authorized to be made by me.	
I hereby state that I havincluding the claims.	re reviewed and understand the contents of the specification in the above-identified application,	
I believe that I am the ori	ginal inventor or an original joint inventor of a claimed invention in the application.	
continuation-in-part app	disclose information which is material to patentability as defined in 37 C.F.R. 1.56, including for lications, material information which became available between the filing date of the prior nal or PCT international filing date of the continuation-in-part application.	
FORD GLOBAL TECHI of the State of Delaware hereinafter referred to as interest, domestic and for of the ASSIGNEE, its su for the inventions and di name or names, or in my insert the serial/applicate  ASSIGNEE, its success applications, in and to th	NOLOGIES, LLC, a Ford Motor Company subsidiary, organized and existing by virtue of the laws e, having its principal place of business at Dearborn, County of Wayne, and State of Michigan, is the ASSIGNEE, its successors, assigns or other legal representatives, the entire right, title and reign, in and to the inventions and discoveries in the above-identified invention including the right accessors, assigns or other legal representatives to make applications and to receive Letters Patent scoveries in any and all countries, entities and intergovernmental organizations, in its or their own name, at its or their election (and I hereby authorize the ASSIGNEE or ASSIGNEE's attorney to the innumber and filing date of the application to receive Letters Patent herein: Serial No.  ———————————————————————————————————	
including applications for organizations, and to per	myself, my heirs, successors, assigns or other legal representatives to execute any and all papers, or Letters Patent of any and all kinds and in any and all countries, entities and intergovernmental form any and all acts which the ASSIGNEE, its successors, assigns or other legal representatives ecure thereto the rights herein sold, assigned and set over.	
And I hereby represent a	nd warrant that I have not granted any rights inconsistent with the rights granted herein.	
	at any willful false statement made in this declaration is punishable under 18 U.S.C. 1001 by fine nore than five (5) years or both.	
LEGAL NAME OF INV	ENTOR Product from	
Inventor: <u>Debasish</u>	Dhat Date: <u>08/0//18</u>	
Signature:	Let the second s	
	a Sheet (PTO/SB/14 or equivalent), including naming the entire inventive entity, must accompany this form. In form for each additional inventor.	

Attorney Docket Number	83555338

little of Inventi	on	SYSTEM OPERABLE IN MULTI-COMPRESSION CYCLES
This declaration is directed to:		
	United	States application or PCT international application number filed on
The above-identif	ied app	lication was made or authorized to be made by me.
I hereby state that including the claim		e reviewed and understand the contents of the specification in the above-identified application,
I believe that I am	the ori	ginal inventor or an original joint inventor of a claimed invention in the application.
continuation-in-pa	art app	disclose information which is material to patentability as defined in 37 C.F.R. 1.56, including for lications, material information which became available between the filing date of the prior nal or PCT international filing date of the continuation-in-part application.
FORD GLOBAL of the State of D hereinafter referred interest, domestic of the ASSIGNEI for the inventions name or names, or insert the serial.  ASSIGNEE, its applications, in an applications, in an applications.	TECHI relaware ed to as and for E, its su and di or in my applicat success and to th olication	nent agreement heretofore made or by contractual obligation, I do sell, assign and set over unto NOLOGIES, LLC, a Ford Motor Company subsidiary, organized and existing by virtue of the laws and the principal place of business at Dearborn, County of Wayne, and State of Michigan, the ASSIGNEE, its successors, assigns or other legal representatives, the entire right, title and reign, in and to the inventions and discoveries in the above-identified invention including the right accessors, assigns or other legal representatives to make applications and to receive Letters Patent scoveries in any and all countries, entities and intergovernmental organizations, in its or their own name, at its or their election (and I hereby authorize the ASSIGNEE or ASSIGNEE's attorney to ion number and filing date of the application to receive Letters Patent herein: Serial No.
including applications, and	tions fo I to per	nyself, my heirs, successors, assigns or other legal representatives to execute any and all papers, ir Letters Patent of any and all kinds and in any and all countries, entities and intergovernmental form any and all acts which the ASSIGNEE, its successors, assigns or other legal representatives ecure thereto the rights herein sold, assigned and set over.
And I hereby repr	esent ai	nd warrant that I have not granted any rights inconsistent with the rights granted herein.
or imprisonment of	of not n	at any willful false statement made in this declaration is punishable under 18 U.S.C. 1001 by fine tore than five (5) years or both.
LEGAL NAME ( Inventor: W		ENTOR tewart Johnston Date: 8-7-15
Signature: V		Aslus C
Note: An Applicat	ion Date	Sheet (PTO/SB/14 or equivalent), including naming the entire inventive entity, must accompany this form.
		n form for each additional inventor.

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Attorney Docket Number	02555220
Altorney Cocket Number	X 1 7 7 7 1 1 X
Autorney Docket Ivaniber	00000000

Title of Invention	DYNAMICALLY CONTROLLED VEHICLE COOLING AND HEATING SYSTEM OPERABLE IN MULTI-COMPRESSION CYCLES
This declaration is directed to:	
☐ United	tached application, or  I States application or PCT international application number  filed on
The above-identified application was made or authorized to be made by me.	
I hereby state that I have including the claims.	we reviewed and understand the contents of the specification in the above-identified application,
I believe that I am the or	iginal inventor or an original joint inventor of a claimed invention in the application.
I am aware of the duty to disclose information which is material to patentability as defined in 37 C.F.R. 1.56, including for continuation-in-part applications, material information which became available between the filing date of the prior application and the national or PCT international filing date of the continuation-in-part application.	
Pursuant to my employment agreement heretofore made or by contractual obligation, I do sell, assign and set over unto FORD GLOBAL TECHNOLOGIES, LLC, a Ford Motor Company subsidiary, organized and existing by virtue of the laws of the State of Delaware, having its principal place of business at Dearborn, County of Wayne, and State of Michigan, hereinafter referred to as the ASSIGNEE, its successors, assigns or other legal representatives, the entire right, title and interest, domestic and foreign, in and to the inventions and discoveries in the above-identified invention including the right of the ASSIGNEE, its successors, assigns or other legal representatives to make applications and to receive Letters Patent for the inventions and discoveries in any and all countries, entities and intergovernmental organizations, in its or their own name or names, or in my name, at its or their election (and I hereby authorize the ASSIGNEE or ASSIGNEE's attorney to insert the serial/application number and filing date of the application to receive Letters Patent herein: Serial No.	
And I hereby represent a	nd warrant that I have not granted any rights inconsistent with the rights granted herein.
	nat any willful false statement made in this declaration is punishable under 18 U.S.C. 1001 by fine more than five (5) years or both.
LEGAL NAME OF INV Inventor: Loren Joh Signature:	ENTOR  nn Lohmeyer III  Date: AUGUST 7, 2015
	a Sheet (PTO/SB/14 or equivalent), including naming the entire inventive entity, must accompany this form. on form for each additional inventor.

PATENT REEL: 036301 FRAME: 0108

**RECORDED: 08/11/2015**