PATENT ASSIGNMENT

Electronic Version v1.1 Stylesheet Version v1.1

SUBMISSION TYPE:	NEW ASSIGNMENT
NATURE OF CONVEYANCE:	ASSIGNMENT

CONVEYING PARTY DATA

Name	Execution Date
Angel Fernando Porras	03/04/2013
William David Trehame	02/21/2013
Paul Stephen Bryan	03/04/2013
Scott James Thompson	02/25/2013
Wesley Burkman	02/22/2013

RECEIVING PARTY DATA

Name:	Ford Global Technologies, LLC
Street Address:	Fairlane Plaza South, Suite 800
Internal Address:	330 Town Center Drive
City:	Dearborn
State/Country:	MICHIGAN
Postal Code:	48126

PROPERTY NUMBERS Total: 1

Property Type	Number
Application Number:	13787880

CORRESPONDENCE DATA

Fax Number: 3133227162

Correspondence will be sent via US Mail when the fax attempt is unsuccessful.

248-358-4400 Phone:

jrichmond@brookskushman.com Email: Correspondent Name: **BROOKS KUSHMAN P.C./FGTL**

Address Line 1: 1000 TOWN CENTER

22ND FLOOR

SOUTHFIELD, MICHIGAN 48075-1238

ATTORNEY DOCKET NUMBER: 83341030

PATENT

REEL: 029937 FRAME: 0301

Address Line 2:

Address Line 4:

502256181

NAME OF SUBMITTER:	Jody Richmond
	This document serves as an Oath/Declaration (37 CFR 1.63).
Total Attachments: 5 source=Assignment#page1.tif source=Assignment#page2.tif source=Assignment#page3.tif source=Assignment#page4.tif source=Assignment#page5.tif	

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Attorney Docket Number	83341030

ASSIGNMENT AND DECLARATION (37 C.F.R. 1.63) FOR UTILITY OR DESIGN APPLICATION USING AN APPLICATION DATA SHEET (37 C.F.R. 1.76)

ittie of inven	PHEV HEATING MODES TO PROVIDE CABIN COMFORT		
This declaration is directed to:			
X D	The attached application, or United States application or PCT international application numberfiled on		
The above-ident	tified application was made or authorized to be made by me.		
I hereby state t including the cla	hat I have reviewed and understand the contents of the specification in the above-identified application, aims.		
I believe that I a	am the original inventor or an original joint inventor of a claimed invention in the application.		
continuation-in-	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.		
FORD GLOBA of the State of hereinafter refer interest, domest of the ASSIGNI for the inventior name or names, insert the seria 13/787,880 ASSIGNEE, its applications, in including all ap	employment agreement heretofore made or by contractual obligation, I do sell, assign and set over unto L TECHNOLOGIES, LLC, a Ford Motor Company subsidiary, organized and existing by virtue of the laws Delaware, having its principal place of business at Dearborn, County of Wayne, and State of Michigan, red to as the ASSIGNEE, its successors, assigns or other legal representatives, the entire right, title and ic and foreign, in and to the inventions and discoveries in the above-identified invention including the right EE, its successors, assigns or other legal representatives to make applications and to receive Letters Patent and discoveries in any and all countries, entities and intergovernmental organizations, in its or their own or in my name, at its or their election (and I hereby authorize the ASSIGNEE or ASSIGNEE's attorney to Il/application number and filing date of the application to receive Letters Patent herein: Serial No. ———————————————————————————————————		
And I hereby agree for myself, my heirs, successors, assigns or other legal representatives to execute any and all papers, including applications for Letters Patent of any and all kinds and in any and all countries, entities and intergovernmental organizations, and to perform any and all acts which the ASSIGNEE, its successors, assigns or other legal representatives may deem necessary to secure thereto the rights herein sold, assigned and set over.			
And I hereby represent and warrant that I have not granted any rights inconsistent with the rights granted herein.			
or imprisonment	viedge that any willful false statement made in this declaration is punishable under 18 U.S.C. 1001 by fine tof not more than five (5) years or both.		
	OF INVENTOR Angel Fernando Porras Date: 03/04/2013		
Signature:	Tarungi/w/		
	ation Data Sheet (PTO/SB/14 or equivalent), including naming the entire inventive entity, must accompany this form. declaration form for each additional inventor.		

Title of Invention

Attorney Docket Number	83341030	

ASSIGNMENT AND DECLARATION (37 C.F.R. 1.63) FOR UTILITY OR DESIGN APPLICATION USING AN APPLICATION DATA SHEET (37 C.F.R. 1.76)

PHEV HEATING MODES TO PROVIDE CABIN COMFORT

	This declaration is directed to:
	X The attached application, or United 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 reviewed and understand the contents of the specification in the above-identified application, including the claims.
	I believe that I am the original inventor or an original joint inventor of a claimed invention in the application.
A STATE OF THE PERSON NAMED IN COLUMN SANDON	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. 13/787,880, Filing Date
	And I hereby agree for myself, my heirs, successors, assigns or other legal representatives to execute any and all papers, including applications for Letters Patent of any and all kinds and in any and all countries, entities and intergovernmental organizations, and to perform any and all acts which the ASSIGNEE, its successors, assigns or other legal representatives may deem necessary to secure thereto the rights herein sold, assigned and set over.
	And I hereby represent and warrant that I have not granted any rights inconsistent with the rights granted herein.
	I hereby acknowledge that any willful false statement made in this declaration is punishable under 18 U.S.C. 1001 by fine or imprisonment of not more than five (5) years or both.
	CONTRACTOR OF BUILDINGS
-	Inventor: William David Treharne Date: Z/z1/2013
	Signature: William Vand Outras
	Note: An Application Data Sheet (PTO/SB/14 or equivalent), including naming the entire inventive entity, must accompany this form. Use an additional declaration form for each additional inventor.
1	C

Attorney Docket Number	83341030	

ASSIGNMENT AND DECLARATION (37 C.F.R. 1.63) FOR UTILITY OR DESIGN APPLICATION USING AN APPLICATION DATA SHEET (37 C.F.R. 1.76)

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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. 13/787,880			
And I hereby agree for myself, my heirs, successors, assigns or other legal representatives to execute any and all papers, including applications for Letters Patent of any and all kinds and in any and all countries, entities and intergovernmental organizations, and to perform any and all acts which the ASSIGNEE, its successors, assigns or other legal representatives may deem necessary to secure thereto the rights herein sold, assigned and set over.			
And I hereby represent and warrant that I have not granted any rights inconsistent with the rights granted herein.			
I hereby acknowledge that any willful false statement made in this declaration is punishable under 18 U.S.C. 1001 by fine or imprisonment of not more than five (5) years or both.			
LEGAL NAME	OF INV	ENTOR COLUMN COL	
Inventor:	Paul Step	her Bryan Date: 3/4/2013	
Signature:			
Note: An Applic	eation Date	a Sheet (PTO/SB/14 or equivalent), including naming the entire inventive entity, must accompany this form.	
		on form for each additional inventor.	

Please direct all correspondence to: 28395

Attorney Docket Number	83341030

ASSIGNMENT AND DECLARATION (37 C.F.R. 1.63) FOR UTILITY OR DESIGN APPLICATION USING AN APPLICATION DATA SHEET (37 C.F.R. 1.76)

i itie of inventio	PHEV REATING MODES TO PROVIDE CASIN COMPORT	
This declaration is directed to:		
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The above-identified application was made or authorized to be made by me.		
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I believe that I am	the original inventor or an original joint inventor of a claimed invention in the application.	
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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. 13/787,880 , Filing Date March 7, 2013), and I hereby sell, assign and set over to the ASSIGNEE, its successors, assigns or other legal representatives, all rights of priority, including any provisional applications, in and to the inventions and discoveries in any and all countries, entities and intergovernmental organizations including all applications claiming benefit of the filing date hereof, continuations, continuations-in-part, divisionals, reexaminations and reissue applications.		
And I hereby agree for myself, my heirs, successors, assigns or other legal representatives to execute any and all papers, including applications for Letters Patent of any and all kinds and in any and all countries, entities and intergovernmental organizations, and to perform any and all acts which the ASSIGNEE, its successors, assigns or other legal representatives may deem necessary to secure thereto the rights herein sold, assigned and set over.		
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I hereby acknowledge that any willful false statement made in this declaration is punishable under 18 U.S.C. 1001 by fine or imprisonment of not more than five (5) years or both.		
LEGAL NAME OF INVENTOR		
Inventor: Sc	off James Thompson Date: 2/23/2/2	
Signature: Signature:		
Trans. And Annual Vision	ion Data Sheet (PTG/SB/14 or equivalent), including naming the entire inventive entity, must accompany this form.	
Use an additional declaration form for each additional inventor.		

Attorney Docket Number	83371030
Attorney Docker Number	03391030

ASSIGNMENT AND DECLARATION (37 C.F.R. 1.63) FOR UTILITY OR DESIGN APPLICATION USING AN APPLICATION DATA SHEET (37 C.F.R. 1.76)

Title of Invention	PHEV HEATING MODES TO PROVIDE CABIN COMFORT		
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The above-identified application was made or authorized to be made by me.			
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LEGAL NAME OF INV Inventor: Wesley			
Inventor: Wesley Burkman Date: 74700 Signature: Ulolly Bushaman			
Note: An Application Data Sheet (PTO/SB/14 or equivalent), including naming the entire inventive entity, must accompany this form. Use an additional declaration form for each additional inventor.			

PATENT REEL: 029937 FRAME: 0307

RECORDED: 03/07/2013