502595919 12/09/2013

PATENT ASSIGNMENT COVER SHEET

Electronic Version v1.1 Stylesheet Version v1.2

EPAS ID: PAT2642190

SUBMISSION TYPE:	NEW ASSIGNMENT
NATURE OF CONVEYANCE:	ASSIGNMENT

CONVEYING PARTY DATA

Name	Execution Date
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DENNIS SEUNG-MAN YANG	11/25/2013
RUSSELL RANDALL PEARCE	11/23/2013

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PROPERTY NUMBERS Total: 1

Property Type	Number
Application Number:	14101113

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ATTORNEY DOCKET NUMBER:	83402329		
NAME OF SUBMITTER:	MAXFIELD FULTON		
Signature:	/Maxfield Fulton/		
	PATENT		

FATENT 502595919 REEL: 031743 FRAME: 0714

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Date:	12/09/2013
Total Attachments: 3 source=Executed Assignment 83402329#pa source=Executed Assignment 83402329#pa source=Executed Assignment 83402329#pa	age2.tif

PATENT REEL: 031743 FRAME: 0715

Please direct all correspondence to customer number: 36865

Attorney Docket Number	83402329	

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	SYSTEMS AND METHODS FOR MANAGING BLEED EMISSIONS IN
	PLUG-IN HYBRID ELECTRIC VEHICLES
This declaration is direc	fed to:
	trached application, or
Unite	d States application or PCT international application number filed on
	THEU OR
The above-identified ap	plication was made or authorized to be made by me.
I hereby state that I had including the claims.	ve reviewed and understand the contents of the specification in the above-identified application,
I believe that I am the o	riginal inventor or an original joint inventor of a claimed invention in the application.
continuation-in-part ap	to disclose information which is material to patentability as defined in 37 C.F.R. 1.56, including for plications, material information which became available between the filing date of the prior onal or PCT international filing date of the continuation-in-part application.
FORD GLOBAL TECH of the State of Delawa hereinafter referred to interest, domestic and f of the ASSIGNEE, its for the inventions and coname or names, or in minsert the serial/applications, its succeapplications, in and to including all applications and reise	ment agreement heretofore made or by contractual obligation, I do sell, assign and set over unto fNOLOGIES, LLC, a Ford Motor Company subsidiary, organized and existing by virtue of the laws re, having its principal place of business at Dearborn, County of Wayne, and State of Michigan, as the ASSIGNEE, its successors, assigns or other legal representatives, the entire right, title and oreign, in and to the inventions and discoveries in the above-identified invention including the right successors, assigns or other legal representatives to make applications and to receive Letters Patent discoveries in any and all countries, entities and intergovernmental organizations, in its or their own attemption number and filing date of the application to receive Letters Patent herein: Serial No. Filing Date December 9, 2013), and I hereby sell, assign and set over to the ssors, assigns or other legal representatives, all rights of priority, including any provisional the inventions and discoveries in any and all countries, entities and intergovernmental organizations ons claiming benefit of the filing date hereof, continuations, continuations-in-part, divisionals, issue applications.
including applications organizations, and to p	for Letters Patent of any and all kinds and in any and all countries, entities and intergovernmental erform any and all acts which the ASSIGNEE, its successors, assigns or other legal representatives 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 of not	that 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 IN Inventor: Aed M	
Inventor: Aed M	1) I () I
Signature:	
Note: An Application D	ata Sheet (PTO/SB/14 or equivalent), including naming the entire inventive entity, must accompany this form.
	tion form for each additional inventor.

PATENT REEL: 031743 FRAME: 0716

	83402329	

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		SYSTEMS AND METHODS FOR MANAGING BLEED EMISSIONS IN PLUG-IN HYBRID ELECTRIC VEHICLES			
This declaration is	s directed	lo:			
	United St		PCT international application number filed on		
The above-identif	ned applica	ation was made or a	authorized to be made by me.		
I hereby state the including the claim		eviewed and under	rstand the contents of the specification in the above-identified application,		
I believe that I am	a the origin	ial inventor or an or	riginal joint inventor of a claimed invention in the application.		
continuation-in-pa	art applica	ations, material inf	which is material to patentability as defined in 37 C.F.R. 1.56, including for formation which became available between the filing date of the prior all filing date of the continuation-in-part application.		
FORD GLOBAL of the State of D hereinafter referrinterest, domestic of the ASSIGNE for the inventions name or names, oinsert the serial 14/101, 113 ASSIGNEE, its applications, in a including all apprexaminations at And I hereby againcluding applica	TECHNO Delaware, I ed to as the and foreight E, its successor in my no /application successor, and to the i plications and reissue ree for my utions for I	ol.OGIES, LLC, a Fnaving its principal at ASSIGNEE, its gn, in and to the invessors, assigns or overies in any and a ame, at its or their en number and filing, Filing Date Des, assigns or other enventions and discoclaiming benefit of applications.	ofore made or by contractual obligation, I do sell, assign and set over unto Ford Motor Company subsidiary, organized and existing by virtue of the laws I place of business at Dearborn, County of Wayne, and State of Michigan, successors, assigns or other legal representatives, the entire right, title and ventions and discoveries in the above-identified invention including the right other legal representatives to make applications and to receive Letters Patent all countries, entities and intergovernmental organizations, in its or their own election (and I hereby authorize the ASSIGNEE or ASSIGNEE's attorney to ing date of the application to receive Letters Patent herein: Serial No. ecember 9, 2013), and I hereby sell, assign and set over to the er legal representatives, all rights of priority, including any provisional overies in any and all countries, entities and intergovernmental organizations of the filing date hereof, continuations, continuations-in-part, divisionals, by and all kinds and in any and all countries, entities and intergovernmental		
may deem necess	sary to secu	are thereto the rights	which the ASSIGNEE, its successors, assigns or other legal representatives sherein sold, assigned and set over.		
And I hereby rep	resent and	warrant that I have	not granted any rights inconsistent with the rights granted herein.		
		any willful false sta e than five (5) years	atement made in this declaration is punishable under 18 U.S.C. 1001 by fine s or both.		
LEGAL NAME			. /		
		ig-Man Yang	Date:		
Signature:	Latina tentana Latina tentana		·		
		heet (PTO/SB/)4 or e	equivalent), including naming the entire inventive entity, must accompany this form.		

PATENT REEL: 031743 FRAME: 0717

Attorney Docket Number	83402329

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 Inventi	ion	SYSTEMS AND METHODS FOR MANAGING BLEED EMISSIONS IN PLUG-IN HYBRID ELECTRIC VEHICLES
This declaration i	s direct	······································
	United	tached application, or I States application or PCT international application number filed on
The above-identi	fied app	olication was made or authorized to be made by me.
I hereby state the including the claim		ve reviewed and understand the contents of the specification in the above-identified application,
I believe that I an	n the or	iginal inventor or an original joint inventor of a claimed invention in the application.
continuation-in-p	art app	o disclose information which is material to patentability as defined in 37 C.F.R. 1.56, including for dications, 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 I hereinafter referred interest, domestic of the ASSIGNE for the inventions name or names, dinsert the serial 14/101, 113 ASSIGNEE, its applications, in a including all appreexaminations a And I hereby againcluding applications, and including application	TECH Delawar red to a c and fo E, its s s and d or in m /applica succes and to if plicatio nd reiss ree for ations fi d to pe	ment 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 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 successors, assigns or other legal representatives to make applications and to receive Letters Patent ascoveries in any and all countries, entities and intergovernmental organizations, in its or their own yname, at its or their election (and I hereby authorize the ASSIGNEE or ASSIGNEE's attorney to the number and filing date of the application to receive Letters Patent herein: Serial No. ———————————————————————————————————
And I hereby rep	resent a	and warrant that I have not granted any rights inconsistent with the rights granted herein.
or imprisonment	of not r	nat-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 Inventor: R		/ENTOR Date: 23 November 2013
		W3/1/2
Signature:		
		a Sheet (PTO/SB/14 or equivalent), including naming the entire inventive entity, must accompany this form.

PATENT REEL: 031743 FRAME: 0718

RECORDED: 12/09/2013