PATENT ASSIGNMENT COVER SHEET

Electronic Version v1.1 Stylesheet Version v1.2 EPAS ID: PAT4821249

SUBMISSION TYPE:	NEW ASSIGNMENT
NATURE OF CONVEYANCE:	ASSIGNMENT

CONVEYING PARTY DATA

Name	Execution Date
AED M. DUDAR	01/25/2018
MARK PETERS	01/30/2018
DENNIS YANG	02/08/2018

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:	15894655

CORRESPONDENCE DATA

Fax Number: (971)271-8021

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.

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Email: casperson@mccrus.com
Correspondent Name: MCCOY RUSSELL LLP

Address Line 1: 806 S.W. BROADWAY, SUITE 600 Address Line 4: PORTLAND, OREGON 97205

ATTORNEY DOCKET NUMBER: 83933592	
NAME OF SUBMITTER:	CARALINA M. CASPERSON
SIGNATURE:	/Caralina M. Casperson/
DATE SIGNED:	02/12/2018

Total Attachments: 3

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PATENT 504774521 REEL: 044905 FRAME: 0063

Attorney Docket Number	83933592

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

Title of Invention	SYSTEMS AND METHODS FOR CONDUCTING VEHICLE		
	EVAPORATIVE EMISSIONS TEST DIAGNOSTIC PROCEDURES		
This declaration is directed	ed to:		
	states application, or States application or PCT international application number filed on, (1 hereby authorize the insertion of the application filing date and		
number into this form when they become known.)			
The above-identified app	lication was made or authorized to be made by me.		
I hereby state that I have including 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	o 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.		
Pursuant to my employment agreement heretofore made or by contractual obligation, 1 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. 15/894,655 , Filing Date February 12, 2018), 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.			
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	11077041		
Inventor: Aed M. E	Dudar Date: 1/25/2018		
Signature:			
	a Sheet (PTO/SB/14 or equivalent), including naming the entire inventive entity, must accompany this form form for each additional inventor.		

PATENT REEL: 044905 FRAME: 0064

Attorney Docket Number	83933592	
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ASSIGNMENT AND DECLARATION (37 C.F.R. 1.63) FOR UTILITY, PROVISIONAL OR DESIGN APPLICATION USING AN APPLICATION DATA SHEET (37 C.F.R. 1.76)

Little of Invention	EVAPORATIVE EMISSIONS TEST DIAGNOSTIC PROCEDURES		
This declaration is directed to:			
The attached application, or United States application or PCT international application number filed on			
The showe-identified and	dication was made or authorized to be made by me.		
	re 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.		
continuation-in-part app	o disclose information which is material to patentability as defined in 37 C.F.R. 1.56, including for discations, material information which became available between the filing date of the prior nal 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. 15/894,655 , Filing Date February 12, 2018), 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.			
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 IN	VENTOR 1/2-/2 10		
Inventor: Mark Pe	Parts Date: 1 27 CO10		
Signature: 1 C			
	ta Sheet (PTO/SB/14 or equivalent), including naming the entire inventive entity, must accompany this form, on form for each additional inventor.		

PATENT REEL: 044905 FRAME: 0065

Attorney Docket Number 83933592	

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

Fitle of Invention			DUCTING VEHICLE NOSTIC PROCEDURES
This declaration is direct			
United	tached application, or States application or PCT internation filed on (I he	onal application number ereby authorize the inserti	on of the application filing date and
number inio inis iorin wi	ten they become known.)		
The above-identified app	lication was made or authorized to l	be made by me.	
I hereby state that I havincluding the claims.	e reviewed and understand the co	ntents of the specification	in the above-identified application,
I believe that I am the or	ginal inventor or an original joint in	iventor of a claimed invent	ion in the application.
continuation-in-part app		hich became available be	fined in 37 C.F.R. 1.56, including for etween the filing date of the prior application.
FORD GLOBAL TECH of the State of Delaward thereinafter referred to a sinterest, domestic and for the ASSIGNEE, its statement of the inventions and diname or names, or in my insert the serial/applications. 15/894,655. ASSIGNEE, its successapplications, in and to the including all applications reexaminations and reissuant of the including applications for a successary applications, and to per may deem necessary to supplications, and to per may deem necessary to supplications.	NOLOGIES, LLC, a Ford Motor Cost, having its principal place of bus the ASSIGNEE, its successors, a reign, in and to the inventions and ouccessors, assigns or other legal representation and all countries, end and the invention and filling date of the principal place. February fors, assigns or other legal representations and discoveries in any as claiming benefit of the filling the applications. The property of the principal place applications. The property of the principal place applications and discoveries and the principal place applications.	company subsidiary, organismess at Dearborn, County assigns or other legal reprediscoveries in the above-id presentatives to make applicantities and intergovernment hereby authorize the ASS the application to receive 12, 2018), and I he esentatives, all rights of and all countries, entities date hereof, continuation as or other legal representeds and in any and all courties assigned and set over.	n, I do sell, assign and set over unto zed and existing by virtue of the laws y of Wayne, and State of Michigan, esentatives, the entire right, title and lentified invention including the right ications and to receive Letters Patent ntal organizations, in its or their own SIGNEE or ASSIGNEE's attorney to a Letters Patent herein: Serial No. creby sell, assign and set over to the priority, including any provisional and intergovernmental organizations s, continuations-in-part, divisionals, atives to execute any and all papers, atives to execute any and all papers, atives to execute any and all papers, assigns or other legal representatives
		and and an in the art of	shable under 18 U.S.C. 1001 by fine
	ore than five (5) years or both.	ar and overmented to partic	omeganistic water 1991 of time
LEGAL NAME OF INV		90. A8	
nventor: Qennis Y	mg	Date:	
Signature:	<u> </u>		
	i Sheet (PTO/SB/14 or equivalent), incl n form for each additional inventor	luding naming the entire inve	entive entity, must accompany this form.

PATENT REEL: 044905 FRAME: 0066

RECORDED: 02/12/2018