502788591 04/30/2014

PATENT ASSIGNMENT COVER SHEET

Electronic Version v1.1 Stylesheet Version v1.2 EPAS ID: PAT2835186

SUBMISSION TYPE:	NEW ASSIGNMENT
NATURE OF CONVEYANCE:	ASSIGNMENT

CONVEYING PARTY DATA

Name	Execution Date
ASHOK E. RODRIGUES	04/28/2014
ANDREAS E. PERAKES	04/28/2014
RICHARD D. BRUNS	04/24/2014
DEREK K. WARD	04/25/2014
JIM KOPPENOL	04/29/2014
NICHOLAS E. MCCUBBIN	04/28/2014
PETER J. GRUTTER	04/28/2014

RECEIVING PARTY DATA

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

PROPERTY NUMBERS Total: 1

Property Type	Number
Application Number:	14264389

CORRESPONDENCE DATA

Fax Number: (734)542-9569

Correspondence will be sent to the e-mail address first; if that is unsuccessful, it will be sent via

US Mail.

Phone: 734 542 0900

Email: east@MSTFIRM.COM

Correspondent Name: MACMILLAN, SOBANSKI & TODD, LLC - FORD

Address Line 1: ONE MARITIME PLAZA - FIFTH FLOOR

Address Line 2: 720 WATER STREET TOLEDO, OHIO 43604

ATTORNEY DOCKET NUMBER:	83439555(18565)
NAME OF SUBMITTER:	RENEE D. EAST
SIGNATURE:	/Renee D. East/

Total Attachments: 7
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Attorney Docket Number	83439555

Title of Invention	AUTOMATIC CONTROL OF DRIVELINE STATES	
This declaration is directed to:		
United	tached application, or I States application or PCT international application number filed on	
The above-identified app	dication was made or authorized to be made by me.	
I hereby state that I have including the claims.	e 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. 14/264389 , Filing Date 29-Apr-2014), 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	ENTOR	
	<u>Rodrigues</u> Date: <u>4/28/19</u>	
Signature:		
	a Sheet (PTO/SB/14 or equivalent), including naming the entire inventive entity, must accompany this form, on form for each additional inventor.	

Attorney Docket Number	83439555

CONT. 2 OF	******		
Title of Invention AUTOMATIC CONTROL OF DRIVELINE STATES			
This declaration is	s direct	ed to:	
Ä	The attached application, or United States application or PCT international application number filed on		
The above-idensif	fied app	plication was made or authorized to be made by me.	
I hereby state the including the class	at I hav ms.	ve reviewed and understand the contents of the specification in the above-identified application,	
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continuation-in-pa	art 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.	
FORD GLOBAL of the State of D hereinafter referre interest, domestic of the ASSIGNEI for the inventions name or names, o insert the serial/a 14/264389 ASSIGNEE, its applications, in ar including all app reexaminations an	TECH Delaward ed to as and fo E, its su is and di or in my applicas success and to the blication d reisse		
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 o	of not m	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 O			
Inventor: An	<u>idreas</u>	E. Perakes Date: VALUE ZOI4	
Signature:		a C. R. A.	
Note: An Applicati	on Data	s Sheet (PTO/SB/14 or equivalent), including naming the entire inventive entity, must accompany this form,	

1. D 3 . 31 1 2 00 100 000	
Attorney Docket Number 83439555	
Canoxida ve sente e vierna e 1 (10140200)	

Title of Invention	AUTOMATIC CONTROL OF DRIVELINE STATES	
This declaration is direc	ted to:	
The attached application, or United States application or PCT international application number filed on		
The above-identified ap	plication was made or authorized to be made by me.	
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FORD GLOBAL TECH of the State of Delawar hereinafter referred to a interest, domestic and for the ASSIGNEE, its store the inventions and drame or names, or in magnitude in the serial/applications. 14/264389 ASSIGNEE, its successapplications, in and to the including all applications and reis and I hereby agree for including applications to organizations, and to perform the state of the serial applications and to perform the state of the serial applications and the serial applications and to perform the serial applications and the serial applications are serial applications.	ment agreement heretofore made or by contractual obligation, I do sell, assign and set over unto INOLOGIES, 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 preign, in and to the inventions and discoveries in the above-identified invention including the right nuccessors, 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 y name, at its or their election (and I hereby authorize the ASSIGNEE or ASSIGNEE's attorney to attoin number and filing date of the application to receive Letters Patent herein: Serial No. ———————————————————————————————————	
And I hereby represent and warrant that I have not granted any rights inconsistent with the rights granted herein.		
I hereby acknowledge to imprisonment of not	hat 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: Richard	I.D. Bruns Date: 7 27 77	
Signature: <u>ACA</u>	<u> </u>	
	ta Sheet (PTO/SB/14 or equivalent), including naming the entire inventive entity, must accompany this form,	

Attorney Docket Number	March Address of prices
I AROTTEV LICESER BURBER ::	1 X 34 39 5 55
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K 1820 (0) KINYE CE	AUTOMATIC CONTROL OF DRIVELINE STATES	
This declaration is directed to:		
Š	The attached application, or United States application or PCT international application number	
The above-ident	ified application was made or authorized to be made by me.	
I hereby state the including the cla	ast I have reviewed and understand the contents of the specification in the above-identified application ims.	
I believe that I am the original 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 fiting date of the prior application and the national or PCT international filing date of the continuation-in-part application.		
FORD GLOBAL of the State of I hereinafter refer interest, domesti of the ASSIGNE for the invention name or names, insert the serial 14/264389 ASSIGNEE, its applications, in a including all ap	employment agreement heretofore made or by contractual obligation, I do sell, assign and set over unit. TECHNOLOGIES, LLC, a Ford Motor Company subsidiary, organized and existing by virtue of the law 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 c and foreign, in and to the inventions and discoveries in the above-identified invention including the right. Its successors, assigns or other legal representatives to make applications and to receive Letters Patent is 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 application number and filing date of the application to receive Letters Patent herein: Serial No Filing Date 29-Apr-2014), and I hereby sell, assign and set over to the successors, assigns or other legal representatives, all rights of priority, including any provisional and to the inventions and discoveries in any and all countries, entities and intergovernmental organizations plications claiming benefit of the filing date hereof, continuations, continuations-in-part, divisionals 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 INVENTOR evols K. Ward	
Signature:	24724	
	tion Data Sheet (PTO/SB/14 or equivalent), including naming the entire inventive entity, must accompany this form	

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Attorney Docket Number	x 83439555

I HIC M HHYEMS	88328	AUTOMATIC CONTROL OF DRIVELINE STATES		
This declaration is directed to:				
X	United	seched application, or I States application or PCT international application number filed on		
The above-idemi	Bed app	fication was made or authorized to be made by me.		
I hereby state the including the claim		re reviewed and understand the contents of the specification in the above-identified application,		
I believe that I as	n the or	ginal inventor or an original joint inventor of a claimed invention in the application.		
continuation-in-p	ggs ris	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 and or PCT international filing date of the continuation-in-part application.		
FORD GLOBAL of the State of E hereinafter refer interest, domestic of the ASSIGNE for the invention name or names, insert the serial 14/264389 ASSIGNEE, its applications, in a	TECH. Jelawarred to are and for and for and for and differ in my/applica success success success success success	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 at his 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, little 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 manne, at its or their election (and I hereby authorize the ASSIGNEE or ASSIGNEE's attorney to from number and filing date of the application to receive Letters Patent herein: Serial No. ———————————————————————————————————		
including applica	itions fe d to per	myself, my beirs, 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 rep	resent a	nd warrant that I have not granted any rights inconsistem with the rights granted herein.		
or imprisonment	of not p	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 20-0001 - 70/0		
Inventor: li	<u>Qualu</u> .	penol Date: 29-9021-2019		
Signature:		Za Caracian de la Car		
Note: An Applica	tion Date	a Sheet (PTO/SE/14 or equivalent), including naming the entire inventive entity, must accompany this form		
Use an additional declaration form for each additional inventor.				

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Attorney Docket Number	83439555

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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. 14/264389 , Filing Date 29-Apr-2014), 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.		
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And I hereby represent a	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 INT		
Inventor: Nichola	8 E. McCubbin Date: 4/88/2019	
Signature: 1/12	ada 11 Celo	
Note: An Application Da Use an additional declarati	a Sheet (PTO/SB/14 or equivalent), including naming the entire inventive entity, must accompany this form, on form for each additional inventor.	

RECORDED: 04/30/2014

Attorney Docket Number	83439555

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	AUTOMATIC CONTROL OF DRIVELINE STATES			
This declaration is dire	cted to:			
The attached application, or United States application or PCT international application number filed on				
The above-identified ag	plication 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 c	original inventor or an original joint inventor of a claimed invention in the application.			
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LEGAL NAME OF IN Inventor: Peter 1.	VENTOR Grutter Date: 4/28/2014			
Signature: Translation of the state of the s				
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.				