504442617 07/05/2017

PATENT ASSIGNMENT COVER SHEET

Electronic Version v1.1 Stylesheet Version v1.2 EPAS ID: PAT4489318

SUBMISSION TYPE:	NEW ASSIGNMENT
NATURE OF CONVEYANCE:	ASSIGNMENT

CONVEYING PARTY DATA

Name	Execution Date
CHRIS PAUL GLUGLA	08/13/2013
STEVEN SCHWOCHERT	08/06/2013
KEN JAHR	08/07/2013

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:	15641429

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.

Phone: 971-271-8020

Email: roberts@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:	83853206
NAME OF SUBMITTER:	LAURA ROBERTS
SIGNATURE:	/Laura Roberts/
DATE SIGNED:	07/05/2017

Total Attachments: 3

source=Executed Assignment (from parent) 83853206#page1.tif source=Executed Assignment (from parent) 83853206#page2.tif source=Executed Assignment (from parent) 83853206#page3.tif

PATENT 504442617 REEL: 042897 FRAME: 0799

		· · ·	AND THE RESERVE OF THE PERSON NAMED IN COLUMN TWO IN COLUM	5	121125 21132
Plane direct	or RE or or name or or		And the best with a second	. &	3/8/2
B" \$5000 \$50000 1 8 B B B B B B B B B B B B B B B B B B	32 R	**********	R S B 6 B 8 S B 8 R B 8 R 8	* K* KB BB KBB 8 8 8 8 8 8 * 8 * 0	46375637

83373907	

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	Invention	VARIABLE DISPL	ACEMENT ENGINE CONTROL SYSTEM AND
			METHOD
This	aration is direct	ed to:	
		A 1991 M.P.	
		tached application, or	
		States application or PCT inter	national application number
			ed on
Theo	we-identified app	dication was made or authorized	to be made by me.
		e reviewed and understand the	contents of the specification in the above-identified application,
includ	ig the claims.		
		والمراجع المراجع	
I boss	e that I am the or	iginal inventor or an original joi	nt inventor of a claimed invention in the application.
,	liida aran aran aran aran aran aran aran ar	or stores and the second color labels of the second colors.	and the second second in 27 C E B. 1 cc limited in 1 fee
			material to patentability as defined in 37 C.F.R. 1.56, including for
comm	aaaan-m-pari app	not as DCT interesting elling	which became available between the filing date of the prior ate of the continuation-in-part application.
abbad	gion and the natio	an or rea memanonai ming e	are of the continuation-in-part apparation.
Down	to my employe	nent sareement heretafore mac	e or by contractual obligation, I do sell, assign and set over unto
			r Company subsidiary, organized and existing by virtue of the laws
			business at Dearborn, County of Wayne, and State of Michigan,
			s, assigns or other legal representatives, the entire right, title and
			and discoveries in the above-identified invention including the right
			representatives to make applications and to receive Letters Patent
			es, entities and intergovernmental organizations, in its or their own
			and I hereby authorize the ASSIGNEE or ASSIGNEE's attorney to
insest	he serial/applica		of the application to receive Letters Patent herein: Scrial No.
	13/968,252	, Filing DateAug	ust 15, 2013), and I hereby sell, assign and set over to the
ASSI	NEE, its success	ors, assigns or other legal r	epresentatives, all rights of priority, including any provisional
			any and all countries, entities and intergovernmental organizations
			ng date hereof, continuations, continuations-in-part, divisionals,
rcexag	nations and reiss	ie applications.	
A	idata a latan resta	ono anta per mendro portarendo mendena e dicionario mel	
			signs or other legal representatives to execute any and all papers, kinds and in any and all countries, entities and intergovernmental
			ASSIGNEE, its successors, assigns or other legal representatives
		ecure thereto the rights herein se	
11111	is increasing to a	searce merceo are rights herein s	bid, assigned and set over.
Andil	reby represent a	ad warrant that I have not orante	d any rights inconsistent with the rights granted herein.
		5	
I herei	acknowledge th	at any willful false statement m	ade in this declaration is punishable under 18 U.S.C. 1001 by fine
or issu		ore than five (5) years or both.	
LEGA	NAME OF INV		22/ /
Inven	Chris/Pau	l Glugla	Date: 8/3/2015
	1/1	11 OKell	
Sign		-10/h- (-1/XV-	
Note		Sheet (PTO/SB/14 or equivalent)	
Use and	dditional declaratio	n form for each additional inventor	

PATENT REEL: 042897 FRAME: 0800 Please direct all correspondence to customer number: 36865

Attorney Docket Number	83373907	

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	f Invention	VARIABLE DISPLA	CEMENT ENGINE CONTROL	L SYSTEM AND
			METHOD	
This d	claration is direc	ted to:		
		ttached application, or	and the state of t	
	United	d States application or PCT interr		
1		fik	ed on	.*
The a	ove-identified app	plication was made or authorized	to be made by me.	
T to a side	and the Cha	the American And Anderson Attack	contents of the specification in the abo	ve-identified application.
	sy state that i having the claims.	AG TCAIGMEN SUG BURGES (SUR DIE	contents of the appearation in my as-	
I belie	e that I am the or	riginal inventor or an original joir	nt inventor of a claimed invention in the a	pplication.
contin	ation-in-part app	plications, material information	material to patentability as defined in 37 which became available between the ate of the continuation-in-part application	filing date of the prior
FOR it of the herein interes of the for the	GLOBAL TECH State of Delawar fter referred to a domestic and fo ASSIGNEE, its s inventions and d r names, or in m the serial/applica	INOLOGIES, LLC, a Ford Motore, having its principal place of as the ASSIGNEE, its successor oreign, in and to the inventions a successors, assigns or other legal liscoveries in any and all countries y name, at its or their election (a ation number and filing date of	e or by contractual obligation, I do sell, in Company subsidiary, organized and exit business at Dearborn, County of Waynes, assigns or other legal representatives, and discoveries in the above-identified inverpresentatives to make applications and es, entities and intergovernmental organizand I hereby authorize the ASSIGNEE or of the application to receive Letters for the application to receive the self-self-self-self-self-self-self-self-	sting by virtue of the laws e, and State of Michigan, the entire right, title and vention including the right I to receive Letters Patent zations, in its or their own ASSIGNEE's attorney to Patent herein: Serial No.
applic includ	NEE, its succes	ssors, assigns or other legal re he inventions and discoveries in ons claiming benefit of the fill	15, 2013), and I hereby sell, a epresentatives, all rights of priority, is any and all countries, entities and intergeing date hereof, continuations, continuations.	ncluding any provisional overnmental organizations
incha organ	ng applications fations, and to pe	or Letters Patent of any and all	ssigns or other legal representatives to exkinds and in any and all countries, entite ASSIGNEE, its successors, assigns or old, assigned and set over.	ies and intergovernmental
And I	ereby represent a	and warrant that I have not grante	ed any rights inconsistent with the rights g	ranted herein.
I bere	y acknowledge th	hat any willful false statement m more than five (5) years or both.	ade in this declaration is punishable und	er 18 U.S.C. 1001 by fine
	NAME OF IN		A. S.	1
Inven		Schwochert	Date: 816	2013
Signa		e Mila		
Notes	An Application Dat	ta Sheet (PTO/SB/14 or equivalent).	including naming the entire inventive entity	, must accompany this form.
	siditional declarati	on form for each additional inventor.		

PATENT REEL: 042897 FRAME: 0801

Pleas direct all correspondence to customer number: 36865

Attorney Docket Number	83373907	

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)

ONE IN T	ion VARIABLE DISPLACEMENT ENGINE CONTROL SYSTEM AND
Title of Invent	METHOD
This declaration	
I DIS GECTARION	is directed to.
	The attached application, or United States application or PCT international application number filed on
	ified application was made or authorized to be made by me.
I hereby state the including the cla	nat I have reviewed and understand the contents of the specification in the above-identified application, ims.
I believe that I a	m the original inventor or an original joint inventor of a claimed invention in the application.
continuation-in-	the duty to disclose information which is material to patentability as defined in 37 C.F.R. 1.56, including for part applications, material information which became available between the filing date of the prior the national or PCT international filing date of the continuation-in-part application.
Pursuest to my FORE SLOBA of the State of hereinster refer interest domest of the SSIGN for the invention name of names, insert the seria 13/960 ASSIGNEE, its applications, in including all a reexaminations. And thereby a including applications are serial policy applications.	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 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 Happlication number and filing date of the application to receive Letters Patent herein: Serial No 3,252 , Filing Date August 15, 2013), 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 or other legal representatives are applications. **Gree for myself**, my heirs, successors, assigns or other legal representatives to execute any and all papers entities and intergovernmental and to perform any and all acts which the ASSIGNEE, its successors, assigns or other legal representatives are other legal representatives and intergovernmental and to perform any and all acts which the ASSIGNEE, its successors, assigns or other legal representatives are other legal representatives.
And I hereby re	present and warrant that I have not granted any rights inconsistent with the rights granted herein.
I hereby acknow	viedge that any willful false statement made in this declaration is punishable under 18 U.S.C. 1001 by fine t of not more than five (5) years or both.
LEGAL NAME	OF INVENTOR Sen Jahr Date: 8-7-13
Signalure: K	enplo
L	eation Data Sheet (PTO/SB/14 or equivalent), including naming the entire inventive entity, must accompany this form
Note: An Applic Use an additional	ation Data Sheet (P10/SB/14 or equivalent), including naming the entire inventive entity, must accompany this form declaration form for each additional inventor.

PATENT REEL: 042897 FRAME: 0802

RECORDED: 07/05/2017