502373603 06/05/2013

PATENT ASSIGNMENT

Electronic Version v1.1 Stylesheet Version v1.1

SUBMISSION TYPE:	NEW ASSIGNMENT
NATURE OF CONVEYANCE:	ASSIGNMENT

CONVEYING PARTY DATA

Name	Execution Date
Jeffrey Allen Doering	06/04/2013
Chris Paul Glugla	06/03/2013
Michael James Uhrich	06/04/2013

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:	13910836	

CORRESPONDENCE DATA

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

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Signature:	/Liana Cohen/ PATENT
NAME OF SUBMITTER:	Liana Cohen
ATTORNEY DOCKET NUMBER:	83366261

REEL: 030553 FRAME: 0371

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Date:	06/05/2013
Total Attachments: 3 source=Executed Assignment 83366261#pa source=Executed Assignment 83366261#pa source=Executed Assignment 83366261#pa	age2.tif

Please direct all correspondence to customer number: 36865

Attorney Docket Number	83366261

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	on :	SYSTEM AND METHOD FOR DETERMINING VALVE OPERATION
This declaration i	s directed t	ο;
	United Sta	ned application, or ates application or PCT international application number filed on
The above-identit	fied applica	ution was made or authorized to be made by me.
I hereby state the including the clai		eviewed and understand the contents of the specification in the above-identified application,
I believe that I an	the origin	al inventor or an original joint inventor of a claimed invention in the application.
continuation-in-p	art applica	sclose information which is material to patentability as defined in 37 C.F.R. 1.56, including for ations, material information which became available between the filing date of the prior or PCT international filing date of the continuation-in-part application.
FORD GLOBAL of the State of E hereinafter referr interest, domestic of the ASSIGNE for the inventions name or names, c insert the serial 13/910,830 ASSIGNEE, its applications, in a	TECHNO belaware, hed to as the and foreign and discover in my na application successors at to the indications of the indication	tagreement heretofore made or by contractual obligation, I do sell, assign and set over unto LOGIES, LLC, a Ford Motor Company subsidiary, organized and existing by virtue of the laws laving its principal place of business at Dearborn, County of Wayne, and State of Michigan, he ASSIGNEE, its successors, assigns or other legal representatives, the entire right, title and go, in and to the inventions and discoveries in the above-identified invention including the right essors, assigns or other legal representatives to make applications and to receive Letters Patent veries in any and all countries, entities and intergovernmental organizations, in its or their own ame, at its or their election (and I hereby authorize the ASSIGNEE or ASSIGNEE's attorney to a number and filing date of the application to receive Letters Patent herein: Serial No. —, Filing Date
including applica organizations, an	tions for L d to perfor	self, my heirs, successors, assigns or other legal representatives to execute any and all papers, etters Patent of any and all kinds and in any and all countries, entities and intergovernmental m any and all acts which the ASSIGNEE, its successors, assigns or other legal representatives are thereto the rights herein sold, assigned and set over.
And I hereby rep	resent and v	warrant that I have not granted any rights inconsistent with the rights granted herein.
		any willful false statement made in this declaration is punishable under 18 U.S.C. 1001 by fine than five (5) years or both.
LEGAL NAME (3000	the state of the s
	ffrey Allen	Date: 1000 COLOR COLO
Signature:	Ad	
		neet (PTO/SB/14 or equivalent), including naming the entire inventive entity, must accompany this form.

Attorney Docket Number	83366261
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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 Invent	ion	SYSTEM AND METHOD FOR DETERMINING VALVE OPERATION
This declaration	is direc	ted to:
	Thom	ttached application, or d States application or PCT international application number filed on
The above-identi	fied ap	plication was made or authorized to be made by me.
I hereby state the including the cla	nat I ba ims.	we reviewed and understand the contents of the specification in the above-identified application,
I believe that I a	m the o	riginal inventor or an original joint inventor of a claimed invention in the application.
I am aware of th	ie duty	to disclose information which is material to patentability as defined in 37 C.F.R. 1.56, including for optications, 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 GLOBA of the State of hereinafter refer interest, domest of the ASSIGN for the invention name or names, insert the series 13/910.83. ASSIGNEE, it applications, in including all a reexaminations	L TEC Delawired to ic and EE, its ns and , or in in/appli 6 and to applicat and re	yment agreement heretofore made or by contractual obligation, I do sell, assign and set over unto HNOLOGIES, LLC, a Ford Motor Company subsidiary, organized and existing by virtue of the laws are, 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 foreign, 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 many name, at its or their election (and I hereby authorize the ASSIGNEE or ASSIGNEE's attorney to cation number and filing date of the application to receive Letters Patent herein: Serial No. ———————————————————————————————————
And I hereby a including appli	igree fo	or myself, my heirs, successors, assigns or other legal representatives to execute any and all papers, for Letters Patent of any and all kinds and in any and all countries, entities and intergovernmental perform any and all acts which the ASSIGNEE, its successors, assigns or other legal representatives o secure thereto the rights herein sold, assigned and set over.
And I hereby re	epresen	t and warrant that I have not granted any rights inconsistent with the rights granted herein.
I berehv ackno	wledge	that any willful false statement made in this declaration is punishable under 18 U.S.C. 1001 by fine of more than five (5) years or both.
LEGAL NAM Inventor:	E OF I	NVENTOR Date: $6/3/20/3$
Signature:		C-toph P. GM-
Note: An Anni	ication	Data Sheet (PTO/SB/14 or equivalent), including naming the entire inventive entity, must accompany this form.
Use an addition	al declar	ration form for each additional inventor.

Please direct all correspondence to customer number: 36865

RECORDED: 06/05/2013

Attorney Docket Number	83366261
	1

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	SYSTEM AND METHOD FOR DETERMINING VALVE OPERATION
This declaration is dire	ected to:
	attached application, or ed States application or PCT international application number filed on,
The above-identified a	pplication was made or authorized to be made by me.
I hereby state that I hincluding the claims.	save reviewed and understand the contents of the specification in the above-identified application,
I believe that I am the	original inventor or an original joint inventor of a claimed invention in the application.
continuation-in-part a	to disclose information which is material to patentability as defined in 37 C.F.R. 1.56, including for pplications, material information which became available between the filing date of the prior ional or PCT international filing date of the continuation-in-part application.
FORD GLOBAL TECTOR of the State of Delaw hereinafter referred to interest, domestic and of the ASSIGNEE, its for the inventions and name or names, or in insert the serial/applitude 13/910,836 ASSIGNEE, its successions and to	eyment agreement heretofore made or by contractual obligation, I do sell, assign and set over unto HNOLOGIES, LLC, a Ford Motor Company subsidiary, organized and existing by virtue of the laws are, 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 foreign, 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 may name, at its or their election (and I hereby authorize the ASSIGNEE or ASSIGNEE's attorney to cation number and filing date of the application to receive Letters Patent herein: Serial No. ———————————————————————————————————
including applications organizations, and to p	or myself, my heirs, successors, assigns or other legal representatives to execute any and all papers, for Letters Patent of any and all kinds and in any and all countries, entities and intergovernmental perform any and all acts which the ASSIGNEE, its successors, assigns or other legal representatives a secure thereto the rights herein sold, assigned and set over.
And I hereby represent	t and warrant that I have not granted any rights inconsistent with the rights granted herein.
or imprisonment of no	that any willful false statement made in this declaration is punishable under 18 U.S.C. 1001 by fine timore than five (5) years or both.
LEGAL NAME OF IN Inventor: <u>Michae</u>	NVENTOR 11 James Uhrich / Date: 6-4-2013
Signature: <u>///</u>	cha / Whant
Note: An Application D	Data Sheet (PTO/SB/14 or equivalent), including naming the entire inventive entity, must accompany this form.
Use an additional declara	gion form for each additional inventor.