### 503234334 03/25/2015

### PATENT ASSIGNMENT COVER SHEET

Electronic Version v1.1 Stylesheet Version v1.2 EPAS ID: PAT3280952

SUBMISSION TYPE:	NEW ASSIGNMENT
NATURE OF CONVEYANCE:	ASSIGNMENT

### **CONVEYING PARTY DATA**

Name	Execution Date
ERICK MICHAEL LAVOIE	03/13/2015
DARREL ALAN RECKER	03/23/2015
KIRT L. ESCHTRUTH	03/16/2015
BRADLEY G. HOCHREIN	03/16/2015
WILLIAM JAMES BOUSE	03/23/2015

#### **RECEIVING PARTY DATA**

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

### **PROPERTY NUMBERS Total: 1**

Property Type	Number
Application Number:	14667833

### **CORRESPONDENCE DATA**

Fax Number:

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:** 616-949-9610

**Email:** ptomail@priceheneveld.com

Correspondent Name: PRICE HENEVELD LLP/ PETER A. CUMMINGS

Address Line 1: 695 KENMOOR S.E. Address Line 2: P. O. BOX 2567

Address Line 4: GRAND RAPIDS, MICHIGAN 49501-2567

ATTORNEY DOCKET NUMBER:	83445095
NAME OF SUBMITTER:	PETER A. CUMMINGS
SIGNATURE:	/Peter A. Cummings/
DATE SIGNED:	03/25/2015
	This document serves as an Oath/Declaration (37 CFR 1.63).

PATENT 35249 FRAME: 0363

503234334 REEL: 035249 FRAME: 0363

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Attorney Docket Number	83445095

Title of Invention		STEERING ANGLE CONTROL FOR MULTIPLE FEATURES		
This declaration is directed to:				
	The attached application, or United States application or PCT international application number filed on			
The above-identi	fied app	ication was made or authorized to be made by me.		
I hereby state th including the clai	at I hav ms.	e reviewed and understand the contents of the specification in the above-identified application,		
I believe that I an	n the ori	ginal inventor or an original joint inventor of a claimed invention in the application.		
continuation-in-p	art appl	disclose information which is material to patentability as defined in 37 C.F.R. 1.56, including for ications, material information which became available between the filing date of the prior al or PCT international filing date of the continuation-in-part application.		
FORD GLOBAL of the State of D hereinafter referr interest, domestic of the ASSIGNE for the inventions name or names, c insert the scrial/  ASSIGNEE, its applications, in an	TECHN Delaware ed to as e and for E, its su s and disor in my applicat successed to the blication	tent agreement heretofore made or by contractual obligation, I do sell, assign and set over unto IOLOGIES, LLC, a Ford Motor Company subsidiary, organized and existing by virtue of the laws, having its principal place of business at Dearborn, County of Wayne, and State of Michigan, the ASSIGNEE, its successors, assigns or other legal representatives, the entire right, title and eign, in and to the inventions and discoveries in the above-identified invention including the right excessors, assigns or other legal representatives to make applications and to receive Letters Patent coveries in any and all countries, entities and intergovernmental organizations, in its or their own name, at its or their election (and I hereby authorize the ASSIGNEE or ASSIGNEE's attorney to son number and filing date of the application to receive Letters Patent herein: Serial No.  ———————————————————————————————————		
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 of	of not m	t any willful false statement made in this declaration is punishable under 18 U.S.C. 1001 by fine ore than five (5) years or both.		
LEGAL NAME ( Inventor: Er		nacl Lavoic Date: 3/13/2015		
Signature:	rile	Michael Lavoi		
Note: An Applicat Use an additional de	ion Data eclaration	Sheet (PTO/SB/14 or equivalent), including naming the entire inventive entity, must accompany this form, form for each additional inventor.		

Attorney Docket Numb	oer -	83445095	

ittle of invention	STEERING ANGLE CONTROL FOR MULTIPLE FEATURES			
This declaration is directed to:				
The attached application, or United States application or PCT international application number filed on				
The above-identified appl	lication 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 original	ginal inventor or an original joint inventor of a claimed invention in the application.			
continuation-in-part appl	disclose information which is material to patentability as defined in 37 C.F.R. 1.56, including for ications, material information which became available between the filing date of the prior al or PCT international filing date of the continuation-in-part application.			
FORD GLOBAL TECHN of the State of Delaware hereinafter referred to as interest, domestic and for of the ASSIGNEE, its surfor the inventions and disname or names, or in my insert the serial/applications.  ASSIGNEE, its successe applications, in and to the	nent agreement heretofore made or by contractual obligation, I do sell, assign and set over unto MOLOGIES, LLC, a Ford Motor Company subsidiary, organized and existing by virtue of the laws, having its principal place of business at Dearborn, County of Wayne, and State of Michigan, the ASSIGNEE, its successors, assigns or other legal representatives, the entire right, title and eign, in and to the inventions and discoveries in the above-identified invention including the right coessors, assigns or other legal representatives to make applications and to receive Letters Patent coveries in any and all countries, entities and intergovernmental organizations, in its or their own name, at its or their election (and I hereby authorize the ASSIGNEE or ASSIGNEE's attorney to ion number and filing date of the application to receive Letters Patent herein: Serial No.  ———————————————————————————————————			
including applications for organizations, and to perf	hyself, my heirs, successors, assigns or other legal representatives to execute any and all papers, 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 cure thereto the rights herein sold, assigned and set over.			
And I hereby represent an	d warrant that I have not granted any rights inconsistent with the rights granted herein.			
or imprisonment of not me	t any willful false statement made in this declaration is punishable under 18 U.S.C. 1001 by fine ore than five (5) years or both.			
LEGAL NAME OF INVE Inventor: <u>Darrel Ala</u>				
./) .	Clan Helm			
Note: An Application Data Use an additional declaration	Sheet (PTO/SB/14 or equivalent), including naming the entire inventive entity, must accompany this form. form for each additional inventor.			

Attorney Docket Number 8344509:	5

Title of Inventi	on	STEERING ANGLE CONTROL FOR MULTIPLE FEATURES	
This declaration is	s direct	ed to:	
	The attached application, or United States application or PCT international application number filed on		
The above-identif	ied app	lication was made or authorized to be made by me.	
I hereby state that including the claim		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-pa	art app	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.	
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	TECHI claware ed to as and for E, its su and dis r in my applicat	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 e, having its principal place of business at Dearborn, County of Wayne, and State of Michigan, a 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 accessors, assigns or other legal representatives to make applications and to receive Letters Patent accoveries in any and all countries, entities and intergovernmental organizations, in its or their own name, at its or their election (and I hereby authorize the ASSIGNEE or ASSIGNEE's attorney to ion number and filing date of the application to receive Letters Patent herein: Serial No.  Filing Date	
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.			
or imprisonment of	of not m	at any willful false statement made in this declaration is punishable under 18 U.S.C. 1001 by fine ore than five (5) years or both.	
LEGAL NAME C		//- // / h	
Inventor: Ki	rt L. Es	chtruth Date: 16 Mar 13	
Signature:	red	Sollint	
		Sheet (PTO/SB/14 or equivalent), including naming the entire inventive entity, must accompany this form.	

Attorney Docket Number	
ritionicy Docker Humber	UJTTJUJJ

Title of Invention		STEERING ANGLE CONTROL FOR MULTIPLE FEATURES		
This declaration is directed to:				
	The attached application, or United States application or PCT international application number			
The above-identif	icd appl	ication was made or authorized to be made by me.		
I hereby state that including the clair	ıt I have ns.	e reviewed and understand the contents of the specification in the above-identified application,		
I believe that I am	the orig	inal inventor or an original joint inventor of a claimed invention in the application.		
continuation-in-pa	ırt appli	disclose information which is material to patentability as defined in 37 C.F.R. 1.56, including for cations, material information which became available between the filing date of the prior of PCT international filing date of the continuation-in-part application.		
FORD GLOBAL of the State of Do hereinafter referre interest, domestic of the ASSIGNEE for the inventions name or names, or insert the serial/a  ASSIGNEE, its sapplications, in an	TECHN claware, d to as and fore i, its suc and disc in my r pplication successo d to the lications	ent agreement heretofore made or by contractual obligation, I do sell, assign and set over unto OLOGIES, LLC, a Ford Motor Company subsidiary, organized and existing by virtue of the laws having its principal place of business at Dearborn, County of Wayne, and State of Michigan, the ASSIGNEE, its successors, assigns or other legal representatives, the entire right, title and eign, in and to the inventions and discoveries in the above-identified invention including the right cessors, assigns or other legal representatives to make applications and to receive Letters Patent coveries in any and all countries, entities and intergovernmental organizations, in its or their own name, at its or their election (and I hereby authorize the ASSIGNEE or ASSIGNEE's attorney to on number and filing date of the application to receive Letters Patent herein: Serial No.		
including applicati organizations, and	ons for to perfe	yself, my heirs, successors, assigns or other legal representatives to execute any and all papers. Letters Patent of any and all kinds and in any and all countries, entities and intergovernmental orm any and all acts which the ASSIGNEE, its successors, assigns or other legal representatives ure 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.				
hereby acknowled or imprisonment of LEGAL NAME OF	not mo	any willful false statement made in this declaration is punishable under 18 U.S.C. 1001 by fine re than five (5) years or both.		
		Hochrein Date: 3/16/15		
Signature:	Giarla	ly St. Boliven		
Note: An Application	on Data-S	theet (PTO/SB/14 or equivalent), including naming the entire inventive entity, must accompany this form.		

Please direct all correspondence to: 28415

Attorney Docket Number	83445095

## 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	STEERING ANGLE CONTROL FOR MULTIPLE FEATURES			
This declaration is directed to:				
United	ached application, or States application or PCT international application number filed on			
The above-identified appl	lication 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 orig	ginal inventor or an original joint inventor of a claimed invention in the application.			
continuation-in-part appl	disclose information which is material to patentability as defined in 37 C.F.R. 1.56, including for ications, material information which became available between the filing date of the prior al or PCT international filing date of the continuation-in-part application.			
of the State of Delaware, hereinafter referred to as interest, domestic and force of the ASSIGNEE, its such for the inventions and discussed in the serial/applications.  ASSIGNEE, its successed applications, in and to the	ent agreement heretofore made or by contractual obligation, I do sell, assign and set over unto IOLOGIES, LLC, a Ford Motor Company subsidiary, organized and existing by virtue of the laws, having its principal place of business at Dearborn, County of Wayne, and State of Michigan, the ASSIGNEE, its successors, assigns or other legal representatives, the entire right, title and eign, in and to the inventions and discoveries in the above-identified invention including the right ecessors, assigns or other legal representatives to make applications and to receive Letters Patent ecoveries in any and all countries, entities and intergovernmental organizations, in its or their own name, at its or their election (and I hereby authorize the ASSIGNEE or ASSIGNEE's attorney to on number and filing date of the application to receive Letters Patent herein: Serial No.			
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	d warrant that I have not granted any rights inconsistent with the rights granted herein.			
I hereby acknowledge that or imprisonment of not mo LEGAL NAME OF INVE	t any willful false statement made in this declaration is punishable under 18 U.S.C. 1001 by fine ore than five (5) years or both.			
Inventor: William Jan	170m.   100m.			
Signature:	Chair fam Bours			
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.				

PATENT REEL: 035249 FRAME: 0369

**RECORDED: 03/25/2015**