#### 12/06/2012 502152330

#### PATENT ASSIGNMENT

### Electronic Version v1.1 Stylesheet Version v1.1

SUBMISSION TYPE:	NEW ASSIGNMENT	
NATURE OF CONVEYANCE:	ASSIGNMENT	

#### **CONVEYING PARTY DATA**

Name	Execution Date
Mark Steven Yamazaki	11/26/2012
Marvin Paul Kraska	11/26/2012
Bernard D. Nefcy	11/19/2012
Brandon R. Masterson	11/26/2012

#### **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:	13705519	

#### **CORRESPONDENCE DATA**

Fax Number: 3133227162

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Address Line 2: Suite 2200

Southfield, MICHIGAN 48075 Address Line 4:

ATTORNEY DOCKET NUMBER:	83243484
NAME OF SUBMITTER:	Tiffany A. Fidler
	PATENT

REEL: 029415 FRAME: 0334

**PATENT** 

Total Attachments: 4
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Atterney Docket Number	83243484

### 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 DRIVELINE LASH CONTROL METHOD DURING DRIVER TIP-IN/OUT				
This declaration is directed to:				
X The attached application, or United States application or PCT international application number filed on				
The above-identified application 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 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 filing date of the prior application and the national 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 filling date of the application to receive Letters Patent herein: Serial No. 13/705,319, Filling Date 12/05/2012, and I hereby self, 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 applications claiming benefit of the filling 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 INVENTOR				
Inventor: Mark Steven Yamazaki Date: 11-26-2012				
Signature: After Ago				
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.				

Please direct all correspondence to: 28395

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Attorney	Docket Number	83243484	

### 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)

LIGE OF THYCH	1011	DRIVELINE LASTI	CONTROL MEH	אואטט טטאוא	IG DRIVER	MP4N/OUT
This declaration	is directo	ed to:				
×		ached application, or States application or PCT	international application		······································	
The above-identi	fied appl	lication was made or author	rized to be made by me	* · ·		
I hereby state the including the class	at I have ims.	e reviewed and understand	d the contents of the s	pecification in	the above-identi	fied application,
I believe that I ar	n the orig	ginal inventor or an origina	l joint inventor of a clai	imed invention	in the application	t <sub>er</sub>
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of the State of E hereinafter referrinterest, domestic of the ASSIGNE for the inventions name or names, of insert the serial/13/705,5  ASSIGNEE, its applications, in an	TECHN Delaware, ed to as and fore E, its suc and disc and disc and disc application successo and to the elications	ent agreement heretofore lOLOGIES, LLC, a Ford M. having its principal place the ASSIGNEE, its succeeign, in and to the invention coessors, assigns or other lecoveries in any and all couname, at its or their election number and filling da Filling Date 12.  ors, assigns or other legal inventions and discoveries in applications.	Motor Company subsidi- c of business at Dearbo- cssors, assigns or other ms and discoveries in the egal representatives to entries, entities and inter- on (and I hereby authori the of the application /05/2012 all representatives, all is in any and all countries	ary, organized a orn, County of legal represent the above-identify make application receive and to receive Letally, and I hereby rights of priores, entities and	and existing by vi- Wayne, and Sta- atives, the entire led invention incomes and to receive organizations, in IEE or ASSIGNI- tters Patent here sell, assign and ity, including a intergovernments	irtue of the laws te of Michigan, right, title and cluding the right e Letters Patent its or their own EP's attorney to ein: Serial No. set over to the any provisional
including applicat organizations, and	ions for to perfo	yself, my heirs, successors Letters Patent of any and orm any and all acts which ture thereto the rights herei	all kinds and in any ar the ASSIGNEE, its su	nd all countries accessors, assign	entities and into	ergovernmental
And I hereby repre	esent and	warrant that I have not gra	anted any rights inconsi	stent with the ri	ghts granted here	ain.
or imprisonment o	f not mor	any willful false statemen re than five (5) years or bo	t made in this declarati th.	on is punishabl	e under 18 U.S.(	3. 1001 by fine
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		Pal Illan		Date:	tt- ca. co.	
Vote: An Applications Use an additional de	on Data S	sheet (PTO/SB/14 or equivale	ent), including naming the		entity, must accon	opany this form.

	M-14
Attorney Docket Number	83243484

## 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)

little of Invention	DRIVELINE LASH CONTROL METHOD DURING DRIVER TIP-IN/OUT		
This declaration is directed to:			
	tached application, or  I States application or PCT international application number  filed on		
The above-identified app	lication was made or authorized to be made by me.		
I hereby state that I has including the claims.	e reviewed and understand the contents of the specification in the above-identified application,		
I believe that I am the or	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 real or PCT international filing date of the continuation-in-part application.		
FORD GLOBAL TECHS of the State of Delaware hereinafter referred to as interest, domestic and for of the ASSIGNEE, its su for the inventions and dis name or names, or in my insert the serial/applicat  13/705,519 ASSIGNEE, its success applications, in and to the	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 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 occessors, 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 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 12/05/2012  h, and I hereby sell, assign and set over the ors, assigns or other legal representatives, all rights of priority, including any provisional inventions and discoveries in any and all countries, entities and intergovernmental organizations so claiming benefit of the filing date hereof, continuations, continuations-in-part, divisionals, the applications.		
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 one than five (5) years or both.		
LEGAL NAME OF INVE	1		
Inventor: Bernard D	Nefcy Date: /////2012		
Signature:	THU VO		
	Sheet (PTO/SB/14 or equivalent), including naming the entire inventive entity, must accompany this form. form for each additional inventor.		

Please direct all correspondence to: 28395

Attorney Docket Number	922/3/5/
ALROTTES EXCENSEL MAINOCE	UJZTJTUT

# 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	DRIVELINE LASH CO	NTROL METHO	D DURING	DRIVER TIP-IN/OUT
This declaration i	c directe	ed to:		·····	
This declaration is directed to:					
×	The attached application, or United States application or PCT international application number filed on				
The above-identified application 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 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 filing date of the prior application and the national 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. 13/705,519, Filing Date					
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 DOLL	ENTAR.			11/3/1/3
		R. Masterson		_ Date:	11/24/12
THACHOL:	randon.				•
Signature:	The state of the s				
			1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1	autim invanties	entity must accompany this form.
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: 029415 FRAME: 0339

**RECORDED: 12/06/2012**