PATENT ASSIGNMENT

Electronic Version v1.1

Stylesheet Version v1.1

SUBMISSION TYPE	:	NEW ASSIGNMENT					
NATURE OF CONVE	EYANCE:	ASSIGNMENT					
CONVEYING PART	Y DATA	,					
		Name	Execution Date				
Chad Christopher B	oes	03/08/2013					
Chad Evert Esselink							
Andrew E. Shaffer			03/08/2013				
Justin Counts			03/08/2013				
RECEIVING PARTY	DATA						
Name:	Ford Global	Technologies, LLC					
Street Address:	Fairlane Plaz	za South, Suite 800					
Internal Address:	330 Town Ce	enter Drive					
City:	Dearborn						
		MICHIGAN					
State/Country:	IIMICHIGAN						
Postal Code:	48126						
State/Country: Postal Code: PROPERTY NUMBE Property	48126	Numt	Der				
Postal Code:	48126 RS Total: 1 Type	Numt 13826022	Der				
Postal Code: PROPERTY NUMBE Property	48126 RS Total: 1 Type		Der				
Postal Code: PROPERTY NUMBE Property Application Number CORRESPONDENC Fax Number:	48126 RS Total: 1 Type : E DATA 313322	13826022 7162 8 Mail when the fax attempt is unsuccess					
Postal Code: PROPERTY NUMBE Property Application Number CORRESPONDENC Fax Number: <i>Correspondence will</i>	48126 ERS Total: 1 Type : E DATA 313322 be sent via US 248-358	13826022 7162 8 Mail when the fax attempt is unsuccess					
Postal Code: PROPERTY NUMBE Property Application Number CORRESPONDENC Fax Number: <i>Correspondence will</i> Phone: Email: Correspondent Nam	48126 RS Total: 1 Type : E DATA 313322 <i>be sent via US</i> 248-358 jrichmore e: BROOK	13826022 7162 6 <i>Mail when the fax attempt is unsuccess</i> 8-4400 nd@brookskushman.com KS KUSHMAN P.C./FGTL					
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Postal Code: PROPERTY NUMBE Property Application Number CORRESPONDENC Fax Number: <i>Correspondence will</i> Phone: Email: Correspondent Nam Address Line 1: Address Line 2:	48126 ERS Total: 1 Type : E DATA 313322 / be sent via US 248-358 jrichmoi e: BROOk 1000 To 22ND F SOUTH	13826022 7162 <i>Mail when the fax attempt is unsuccess</i> 8-4400 nd@brookskushman.com KS KUSHMAN P.C./FGTL OWN CENTER COOR					
Postal Code: PROPERTY NUMBE Property Application Number CORRESPONDENC Fax Number: Correspondence will Phone: Email: Correspondent Nam Address Line 1: Address Line 2: Address Line 4:	48126 RS Total: 1 Type : E DATA 313322 <i>be sent via US</i> 248-358 jrichmor e: BROOK 1000 TO 22ND F SOUTH T NUMBER:	7162 7162 7162 7 <i>Mail when the fax attempt is unsuccess</i> 8-4400 nd@brookskushman.com KS KUSHMAN P.C./FGTL OWN CENTER FLOOR IFIELD, MICHIGAN 48075-1238					

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REEL: 029998 FRAME: 0628

	This document serves as an Oath/Declaration (37 CFR 1.63).
Total Attachments: 4	
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Attorney Docket Number 83337594

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	METHOD EXPERIEN		APPARAT		FOR	ENHANCED	
This declaration i	EXPERIENCE INCLUDING DYNAMIC POI IDENTIFICATION This declaration is directed to:						5	
×	United	ached application States application	on or PCT i	nternational appl			······································	
The above-identi	fied app	ication was mad	de or author	ized 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.						fied application,	
I believe that I an	I believe that I am the original inventor or an original joint inventor of a claimed invention in the application.							
continuation-in-p	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.							
FORD GLOBAL of the State of I hereinafter referr interest, domestic of the ASSIGNE for the inventions name or names, of insert the serial 13/826,022 ASSIGNEE, its applications, in a	. TECH Delaware red to as and for E, its su s and dis or in my /applicat success nd to the plication	VOLOGIES, LL , having its pri the ASSIGNE eign, in and to ccessors, assign coveries in any name, at its or ion number an , Filing D ors, assigns or i inventions and s claiming ber	C, a Ford M neipal place E, its succe the inventio is or other 1 and all cou- their election of filing data pate <u>Marce</u> other legal	Aotor Company s of business at issors, assigns or ns and discoveri egal representati intries, entities a in (and I hereby ate of the appli h. 14, 2013 al representative s in any and all	subsidiary Dearborn r other le es in the ves to mand interga authorize ication to , es, all ri countries,	y, organize h, County gal repres above-ide ake applic overnment the ASSI o receive and I here ghts of p , entities a	I do sell, assign ar ed and existing by v of Wayne, and Sta entatives, the entire ntified invention in- ations and to receiv tal organizations, in GNEE or ASSIGN Letters Patent her eby sell, assign and riority, including ad intergovernment , continuations-in-p	irtue of the laws atte of Michigan, e right, title and cluding the right ve Letters Patent its or their own EE's attorney to rein: Serial No. I set over to the any provisional tal organizations
including applica	itions for d to per	r Letters Patent form any and al	of any and Il acts which	all kinds and ir h the ASSIGNE	i any and E, its suc	l all count cessors, as	tives to execute any ries, entities and in ssigns or other lega	tergovernmental
And I hereby rep	resent ar	d warrant that I	have not gr	anted any rights	inconsist	ent with the	he rights granted her	rein.
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 INVI					Date:	318/2	02,
Signature:	Lie	d C	<u>, B</u>	seo-				

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: 029998 FRAME: 0630

Attorney Docket Number 83337594

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	METHOD EXPERIEN	AND CE INCL	APPARAT		FOR POI IDE			DRIVING
This declaration	is direct	ed to:							
×	United	tached applicatio States applicatio	on or PCT ir	sternational app filed on	lication n	umber			
The above-ident	ified app	lication was mad	le or authori	zed to be made	by me.				
I hereby state the including the cla		e reviewed and	understand	the contents o	f the spe	cification	in the above-	identifie	d application,
I believe that I a	m the or	iginal inventor or	r an original	joint inventor o	f a claim	ed inventio	on in the appli	cation.	
I am aware of th continuation-in-p application and t	part app	lications, mater	ial informat	ion which bec	ame ava	ilable bet	ween the tili	.R. 1.56, ng date	including for of the prior
ASSIGNEE, its applications, in including all ap reexaminations a And 1 hereby ag including applic	L TECH Delawar red to a ic and fo EE, its s us and d or in m l/applica s succes and to t oplicatic and reis: gree for rations f	NOLOGIES, LL e, having its pri- s the ASSIGNE reign, in and to to accessors, assign scoveries in any y name, at its or tion number an , Filing D sors, assigns or he inventions and ns claiming ber ue applications. myself, my heirs or Letters Patent	C, a Ford M neipal place E, its succes the invention is or other le and all cou their election d filing da rate <u>March</u> other lega d discoveries heft of the s, successors of any and	lotor Company of business at ssors, assigns on egal representat ntries, entities a n (and I hereby te of the appl 14, 2013 d representatives in any and all filing date he s, assigns or oth all kinds and i	subsidiar Dearbor r other la ies in the ives to m authoriz ication t , es, all r countries reof, cor ner legal n any and	y, organize n, County egal repres above-ide take applic overnment e the ASSI o receive and I her ights of p s, entities a stimuations, representa d all count	ed and existing of Wayne, as centatives, the ntified invent ations and to tal organizatic GNEE or AS Letters Pate eby sell, assig priority, inclu- and intergover , continuation tives to execu- ries, entities of	g by virt nd State entire r ion inclu receive ons, in its SIGNEE nt herein gn and s iding an mmental as-in-par ite any a and inter	ue of the laws of Michigan, ight, title and dding the right Letters Patent s or their own 2's attorney to n: Serial No. et over to the y provisional organizations t, divisionals, and all papers, governmental
organizations, a may deem neces	nd to pe	rform any and al	ll acts which	the ASSIGNE	E, its suc	cessors, a			
And I hereby rej	present :	nd warrant that I	have not gr	anted any rights	inconsis	tent with t	he rights gran	ted herei	n.
I hereby acknow or imprisonment					declaratio	on is punis	hable under 1	8 U.S.C	. 1001 by fine
LEGAL NAME				·····			~) / ins	1.15	
		ert Esselink				Date:	3/8	113	
Signature:	Chad	Event Estal	int						
Note: An Applic		a Sheet (PTO/SB/			aming the	entire inver	ntive entity, mu	ist accom	pany this form.

PATENT REEL: 029998 FRAME: 0631

Attorney Docket Number 83337594

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 METHOD AND APPARATUS FOR ENHANCED DRIVING EXPERIENCE INCLUDING DYNAMIC POI IDENTIFICATION
This declaration	
x D	The attached application, or United States application or PCT international application number filed on
The above-ident	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-	e 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 he national or PCT international filing date of the continuation-in-part application.
FORD GLOBAI of the State of I hereinafter refer interest, domesti of the ASSIGNE for the invention name or names, insert the serial 13/826,022 ASSIGNEE, its applications, in a including all ap	employment agreement heretofore made or by contractual obligation, I do sell, assign and set over unto _ 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 c and foreign, in and to the inventions and discoveries in the above-identified invention including the right E, its successors, assigns or other legal representatives to make applications and to receive Letters Patent s 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 DateMarch 14, 2013), and I hereby sell, assign and set over to the successors, assigns or other legal representatives, all rights of priority, including any provisional ind 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, microssors, applications.
including applic organizations, ar	ree for myself, my heirs, successors, assigns or other legal representatives to execute any and all papers, ations for Letters Patent of any and all kinds and in any and all countries, entities and intergovernmental ind to perform any and all acts which the ASSIGNEE, its successors, assigns or other legal representatives sary to secure thereto the rights herein sold, assigned and set over.
And I hereby rep	resent and warrant that I have not granted any rights inconsistent with the rights granted herein.
	ledge that any willful false statement made in this declaration is punishable under 18 U.S.C. 1001 by fine of not more than five (5) years or both.
LEGAL NAME	OF INVENTOR ANDREW E. SHAFFER Date: 3/8/13
Signature:	Jerr/k. ///
Note: An Applica	tion Data Sheet (* TO/S)3/14 or equivalent), including naming the entire inventive entity, must accompany this form.
	leclaration form for each additional inventor.

PATENT REEL: 029998 FRAME: 0632

Attorney Docket Number 83337594

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)

TTILL OF T							
Title of Invent	EXPERIENCE INCLUDING DYNAMIC POI IDENTIFICATION						
This declaration	is directed to:						
×	The attached application, or United States application or PCT international application number filed on						
The above-ident	ified 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 as	I believe that I am the original inventor or an original joint inventor of a claimed invention in the application.						
continuation-in-	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 filling date of the prior application and the national or PCT international filing date of the continuation-in-part application.						
FORD GLOBAI of the State of I hereinafter refer interest, domesti of the ASSIGNE for the invention name or names, insert the serial 13/826,022 ASSIGNEE, its applications, in a including all ap reexaminations a And I hereby ag	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 c and foreign, in and to the inventions and discoveries in the above-identified invention including the right its, its successors, assigns or other legal representatives to make applications and to receive Letters Patent s 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 filling date of the application to receive Letters Patent herein: Serial No. 						
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 rep	resent 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:	ustin Counts Date: <u>\$7675</u>						
Signature:	~ 1						
Note: An Applica Use an additional of	tion Data Sheet (PTO/SB/14 or equivalent), including naming the entire inventive entity, must accompany this form.						

PATENT REEL: 029998 FRAME: 0633

RECORDED: 03/14/2013

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