PATENT ASSIGNMENT

Electronic Version v1.1 Stylesheet Version v1.1

SUBMISSION TYPE:	NEW ASSIGNMENT
NATURE OF CONVEYANCE:	ASSIGNMENT

CONVEYING PARTY DATA

Name	Execution Date
Christopher John Teslak	03/11/2013
Yuji Fujii	03/11/2013
Seung-Hoon Lee	03/11/2013
Bradley Dean Riedle	03/11/2013
Michael Glenn Fodor	03/12/2013

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:	13800412

CORRESPONDENCE DATA

Fax Number: 3133227162

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

Email: chughes@brookskushman.com Correspondent Name: Brooks Kushman P.C./FGTL

Address Line 1: 1000 Town Center Address Line 2: 22nd Floor

Address Line 4: Southfield, MICHIGAN 48075

ATTORNEY DOCKET NUMBER: 83253768

NAME OF SUBMITTER: LeKeisha M. Suggs

REEL: 029995 FRAME: 0390

PATENT

502267974

Total Attachments: 5

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Attorney Docket Number	83253768
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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)

little of Inven	TORQUE CAPACITY DETECTION USING CALCULATED TRANSM		
This declaration	This declaration is directed to:		
×	The attached application, or United States application or PCT international application number filed on		
The above-iden	ed application was made or authorized to be made by me.		
I hereby state to including the cl	t I have reviewed and understand the contents of the specification in the above-identified aposs.	plication,	
I believe that I	the original inventor or an original joint inventor of a claimed invention in the application.		
continuation-in	duty to disclose information which is material to patentability as defined in 37 C.F.R. 1.56, including applications, material information which became available between the filing date of antional or PCT international filing date of the continuation-in-part application.		
FORD GLOBA of the State of hereinafter refe interest, domes- of the ASSIGN for the inventio name or names insert the serie 13/800,412 ASSIGNEE, it applications, in including all as	mployment agreement heretofore made or by contractual obligation, I do sell, assign and set of TECHNOLOGIES, LLC, a Ford Motor Company subsidiary, organized and existing by virtue of claware, having its principal place of business at Dearborn, County of Wayne, and State of Motor as the ASSIGNEE, its successors, assigns or other legal representatives, the entire right, and foreign, in and to the inventions and discoveries in the above-identified invention including Lits successors, assigns or other legal representatives to make applications and to receive Letter and discoveries in any and all countries, entities and intergovernmental organizations, in its or in my name, at its or their election (and I hereby authorize the ASSIGNEE or ASSIGNEE's at application number and filing date of the application to receive Letters Patent herein: Security of the March 13, 2013 (and I hereby sell, assign and set on successors, assigns or other legal representatives, all rights of priority, including any product the inventions and discoveries in any and all countries, entities and intergovernmental organications claiming benefit of the filing date hereof, continuations, continuations-in-part, did reissue applications.	f the laws viichigan, title and t the right ers Patent their own ttorney to erial No. ver to the rovisional unizations	
including appli organizations,	the for myself, my heirs, successors, assigns or other legal representatives to execute any and a lons for Letters Patent of any and all kinds and in any and all countries, entities and intergove to perform any and all acts which the ASSIGNEE, its successors, assigns or other legal represery to secure thereto the rights herein sold, assigned and set over.	ernmental	
And I hereby re	esent and warrant that I have not granted any rights inconsistent with the rights granted herein.		
or imprisonmer	edge that any willful false statement made in this declaration is punishable under 18 U.S.C. 100 of not more than five (5) years or both.	I by fine	
The second second second second	of INVENTOR ristopher John Teslak // Date: Max. 11, 201.	3	
Signature:	1 h 1 27 m 1 m 1 m 1 m 1 m 1 m 1 m 1 m 1 m 1 m	£	
oignaunc,			
Note: An Appli Use an additiona	ion Data Sheet (PTO/SB/14 or equivalent), including naming the entire inventive entity, must accompany sclaration form for each additional inventor.	this form.	

Attorney Docket Number	83253768

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.	TORQUE CAPACITY DETECTION USING CALCULATED TRANSMISSION
This declaration is directed to:		
×	United	tached application, or States application or PCT international application number filed on
The above-identi	fied app	lication was made or authorized to be made by me.
I hereby state the		re reviewed and understand the contents of the specification in the above-identified application,
I believe that I ar	n the or	iginal 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. 13/800,412 , Filing Date March 13, 2013), and I hereby sell, 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 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.		
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		5 1 / 3 1 (
	CuliEu N	Date.
Signature:		
Note: An Applic	nion Da	a Sheet (PTO/SB/14 or equivalent), including naming the entire inventive entity, must accompany this form.
		on from the study additional transfer

Attorney Docket Number	83253768

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 AUTOMATIC TRANSMISSION SHIFT CONTROL BASED ON CLUTCH TORQUE CAPACITY DETECTION USING CALCULATED TRANSMISSION	
This declaration	is directed to:	
Š	The attached application, or United States application or PCT international application numberfiled on	
The above-identi	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 at	m the original inventor or an original joint inventor of a claimed invention in the application.	
continuation-in-p	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.	
for the State of I hereinafter referinterest, domestion of the ASSIGNE for the invention name or names, insert the serial 13/800,412 ASSIGNEE, its applications, in a including all apreexaminations are	employment agreement heretofore made or by contractual obligation, I do sell, assign and set over unto LTECHNOLOGIES, 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 EE, its successors, assigns or other legal representatives to make applications and to receive Letters Patent as 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 Lapplication number and filing date of the application to receive Letters Patent herein: Serial No. Filing Date March 13, 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 opplications claiming benefit of the filing date hereof, continuations, continuations-in-part, divisionals, and reissue applications. The provided the provided and the	
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	7 / / / / / · · · · · · · · · · · · · ·	
Inventor: S	eung-Hoon Lee Date: 2/1/20/3	
Signature:		
Note: An Applica Use an additional of	ation Data Sheet (PTO/SB/14 or equivalent), including naming the entire inventive entity, must accompany this form, declaration form for each additional inventor.	

Please direct all correspondence to: 28395

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Attorney Docket Number	83253768	

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)

	MATIC TRANSMISSION SHIFT CONTROL BASED ON CLUTCH JE CAPACITY DETECTION USING CALCULATED TRANSMISSION	
This declaration is directed to:		
United States ap	The attached application, or United States application or PCT international application number filed on	
The above-identified application w	as made or authorized to be made by me.	
I hereby state that I have reviewe including the claims.	d and understand the contents of the specification in the above-identified application,	
I believe that I am the original inve	ntor or an original joint inventor of a claimed invention in the application.	
continuation-in-part applications.	information which is material to patentability as defined in 37 C.F.R. 1.56, including for material information which became available between the filing date of the prior international filing date of the continuation-in-part application.	
FORD GLÓBAL TECHNOLOGIE of the State of Delaware, having hereinafter referred to as the ASS interest, domestic and foreign, in a of the ASSIGNEE, its successors, for the inventions and discoveries name or names, or in my name, at insert the serial/application num 13/800,412 Fi ASSIGNEE, its successors, assign applications, in and to the invention	ment heretofore made or by contractual obligation. I do sell, assign and set over unto is, I.L.C. a Ford Motor Company subsidiary, organized and existing by virtue of the laws its principal place of business at Dearborn, County of Wayne, and State of Michigan, IGNEE, its successors, assigns or other legal representatives, the entire right, title and not the inventions and discoveries in the above-identified invention including the right assigns or other legal representatives to make applications and to receive Letters Patent in any and all countries, entities and intergovernmental organizations, in its or their own its or their election (and I hereby authorize the ASSIGNEE or ASSIGNEE's attorney to her and filing date of the application to receive Letters Patent herein: Serial No. Sing Date March 13, 2013 ———————————————————————————————————	
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 not more than	Iful false statement made in this declaration is punishable under 18 U.S.C. 1001 by fine five (5) years or both.	
LEGAL NAME OF INVENTOR	6 Date: 1/4/04/11,2013	
Inventor: <u>Bradley Down Ried</u>		
Signature:	for Carrier Sales	
Note: An Application Data Sheet (P	OSB/14 or equivalent), including naming the entire inventive entity, must accompany this form	

Please direct all correspondence to: 28395

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Attorney Docket Number	83253768
AUDITIES DOCKET MUHIDEL	00400700

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	AUTOMATIC TRANSMISSION SHIFT CONTROL BASED ON CLUTCH TORQUE CAPACITY DETECTION USING CALCULATED TRANSMISSION
This declaration is directed to:		
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The above-identif	fied ap	plication was made or authorized to be made by me.
I hereby state that including the claim	at I hav ms.	ve reviewed and understand the contents of the specification in the above-identified application,
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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. 13/800,412 , Filing Date March 13, 2013), and I hereby sell, 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 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.		
I hereby acknowle or imprisonment o	edge th	at any willful false statement made in this declaration is punishable under 18 U.S.C. 1001 by fine tore than five (5) years or both.
LEGAL NAME (Investor: Mi		
Signature: M	Maei (Glenn Fodor Date: \(\frac{1/\infty}{\infty}\)
angimuse.		
Note: An Applicati	ion Data	i Sheet (PTO/SB/14 or equivalent), including naming the entire inventive entity, must accompany this form.

PATENT REEL: 029995 FRAME: 0396

RECORDED: 03/14/2013