503235138 03/25/2015

PATENT ASSIGNMENT COVER SHEET

Electronic Version v1.1 Stylesheet Version v1.2 EPAS ID: PAT3281756

SUBMISSION TYPE:	NEW ASSIGNMENT
NATURE OF CONVEYANCE:	ASSIGNMENT

CONVEYING PARTY DATA

Name	Execution Date
GREGORY MICHAEL PIETRON	03/09/2015
JASON MEYER	03/09/2015
YUJI FUJII	03/21/2015
DIANA YANAKIEV	03/06/2015
JOSEPH F. KUCHARSKI	03/09/2015
NIMROD KAPAS	03/09/2015

RECEIVING PARTY DATA

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

PROPERTY NUMBERS Total: 1

Property Type	Number
Application Number:	14668190

CORRESPONDENCE DATA

Fax Number: (313)322-7162

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: 248-358-4400

Email: docketing@brookskushman.com BROOKS KUSHMAN P.C./FGTL **Correspondent Name:**

1000 TOWN CENTER Address Line 1:

Address Line 2: 22ND FLOOR

Address Line 4: SOUTHFIELD, MICHIGAN 48075-1238

ATTORNEY DOCKET NUMBER:	83491794
NAME OF SUBMITTER:	REID A. BALDWIN
SIGNATURE:	/Reid A. Baldwin/
DATE SIGNED:	03/25/2015

Total Attachments: 6 source=Assignment#page1.tif source=Assignment#page2.tif source=Assignment#page3.tif source=Assignment#page4.tif source=Assignment#page5.tif source=Assignment#page6.tif

					r						

1	n is directed to:
X D	The attached application, or United States application or PCT international application number filed on
The above-ide	tified application was made or authorized to be made by me.
I hereby state including the c	hat I have reviewed and understand the contents of the specification in the above-identified application, tims.
I believe that I	m the original inventor or an original joint inventor of a claimed invention in the application.
continuation-in	te 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.
FORD GLOBA of the State of hereinafter refeinterest, domest of the ASSIGN for the invention name or names, insert the seria 14/668,190	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 law 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 and foreign, in and to the inventions and discoveries in the above-identified invention including the right, its successors, assigns or other legal representatives to make applications and to receive Letters Paters and discoveries in any and all countries, entities and intergovernmental organizations, in its or their over in my name, at its or their election (and I hereby authorize the ASSIGNEE or ASSIGNEE's attorney application number and filling date of the application to receive Letters Patent herein: Serial Notes and intergovernmental organization and to the inventions and discoveries in any and all countries, entities and intergovernmental organization and to the inventions and discoveries in any and all countries, entities and intergovernmental organization.
ncluding all ap	olications claiming benefit of the filing date hereof, continuations, continuations-in-part, divisional dreissue applications.
ncluding applica	see for myself, my heirs, successors, assigns or other legal representatives to execute any and all papersons for Letters Patent of any and all kinds and in any and all countries, entities and intergovernme to perform any and all acts which the ASSIGNEE, its successors, assigns or other legal representative to secure thereto the rights herein sold, assigned and set over.
nd I hereby repr	sent and warrant that I have not granted any rights inconsistent with the rights granted herein.
ander colenous	dge that any willful false statement made in this declaration is punishable under 18 U.S.C. 1001 by not more than five (5) years or both.
imprisonment c	SPRENTOR - A
imprisonment c GAL NAME C	gory Michael Pietron Date: 2015 030 9

PATENT

REEL: 035253 FRAME: 0195

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Attorney Docket Number	1 83491794
Attorney Docker Humber	1 00171771

Title of Invention	n	TRANSMISSION CALIBRATION TOOL					
This declaration is directed to:							
X 7							
The above-identifie	ed app	plication was made or authorized to be made by me.					
I hereby state that including the claim		ve reviewed and understand the contents of the specification in the above-identified application,					
I believe that I am t	the ori	riginal inventor or an original joint inventor of a claimed invention in the application.					
continuation-in-par	t ann	to disclose information which is material to patentability as defined in 37 C.F.R. 1.56, including for plications, material information which became available between the filing date of the prior and or PCT international filing date of the continuation-in-part application.					
FORD GLOBAL To the State of De hereinafter referred interest, domestic a of the ASSIGNEE for the inventions and name or names, or insert the serial/at 14/668, 190 ASSIGNEE, its sapplications, in and including all applice among the serial applications and applications and the serial applications are serial applications.	rechilaward to as and fo, its suand di in my pplica di to the ication di reiss						
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 O	FINV	VENTOR $3 - 9 - 15$					
	on M						
Signature:							
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.							

Attorney Docket Number	83491794

Title of Invention IRANSIMISS	ION CALIBRATION TOOL					
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 unincluding the claims.	derstand the contents of the specification in the above-identified application,					
I believe that I am the original inventor or a	original joint inventor of a claimed invention in the application.					
continuation-in-part applications, material	on which is material to patentability as defined in 37 C.F.R. 1.56, including for information which became available between the filing date of the prior onal filing date of the continuation-in-part application.					
FORD GLOBAL TECHNOLOGIES, LLC, of the State of Delaware, having its principle hereinafter referred to as the ASSIGNEE, interest, domestic and foreign, in and to the of the ASSIGNEE, its successors, assigns of the inventions and discoveries in any armame or names, or in my name, at its or the insert the serial/application number and $14/668,190$, Filing Date ASSIGNEE, its successors, assigns or capplications, in and to the inventions and discoveries in any armameters.	etofore made or by contractual obligation, I do sell, assign and set over unto a Ford Motor Company subsidiary, organized and existing by virtue of the laws pal place of business at Dearborn, County of Wayne, and State of Michigan, its successors, assigns or other legal representatives, the entire right, title and inventions and discoveries in the above-identified invention including the right of other legal representatives to make applications and to receive Letters Patent all countries, entities and intergovernmental organizations, in its or their own in election (and I hereby authorize the ASSIGNEE or ASSIGNEE's attorney to filling date of the application to receive Letters Patent herein: Serial No. March 25, 2015 And I hereby sell, assign and set over to the her legal representatives, all rights of priority, including any provisional scoveries in any and all countries, entities and intergovernmental organizations to of the filing date hereof, continuations, continuations-in-part, divisionals,					
including applications for Letters Patent of	accessors, assigns or other legal representatives to execute any and all papers, any and all kinds and in any and all countries, entities and intergovernmental atts which the ASSIGNEE, its successors, assigns or other legal representatives this herein sold, assigned and set over.					
And I hereby represent and warrant that I ha	ve not granted any rights inconsistent with the rights granted herein.					
or imprisonment of not more than five (5) ye	statement made in this declaration is punishable under 18 U.S.C. 1001 by fine ars or both.					
LEGAL NAME OF INVENTOR	Date: 3-21-2017					
Inventor: Yuji Fujii	Date: $\sqrt{-201}$					
Signature:						
Note: An Application Data Sheet (PTO/SB/14	r equivalent), including naming the entire inventive entity, must accompany this form.					

Attorney Docket Number	83491794
Attorney Docket Number	0377177

Title of Invention		TRANSMISSION CALIBRATION TOOL			
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. 14/668, 190 , Filling Date March 25, 2015 , 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	OF IN	VENTOR Yanakiev Date: Mar 6, 2015			
Signature: Hanakier					
	1				
Note: An Application Data Sheet (PTO/SB/14 or equivalent), including naming the entire inventive entity, must accompany this form.					

Attorney Docket Number	83491794

Title of Invention	TRANSMISSION CALIBRATION TOOL				
This declaration is direct	This declaration is directed to:				
United	tached application, or I States application or PCT international application numberfiled 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. 14/668, 190 , Filing Date March 25, 2015 , 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 a	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: Joseph F	. Kucharski Date: 2/1//5				
Signature: Asyling / Minchest					
	ta Sheet (PTO/SB/14 or equivalent), including naming the entire inventive entity, must accompany this form.				
Use an additional declaration	on form for each additional inventor.				

Please direct all correspondence to: 28395

Attorney Docket Number	83491794

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	TRANSMISSION CALIBRATION TOOL				
This declaration is direct	ed to:				
United United	tached application, or States application or PCT international application numberfiled on				
The above-identified app	lication 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. 14/668, 190 , Filing Date March 25, 2015 , 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 OF INVE	2 //3 / 7 m · 2"				
Inventor: Nimrod K Signature:					
	Sheet (PTO/SB/14 or equivalent), including naming the entire inventive entity, must accompany this form.				

PATENT REEL: 035253 FRAME: 0200

RECORDED: 03/25/2015