502584547 11/27/2013

PATENT ASSIGNMENT COVER SHEET

Electronic Version v1.1 Stylesheet Version v1.2

EPAS ID: PAT2630640

SUBMISSION TYPE:	NEW ASSIGNMENT
NATURE OF CONVEYANCE:	ASSIGNMENT

CONVEYING PARTY DATA

Name	Execution Date
DANIEL RICHARD LUEDTKE	11/22/2013
FAZAL URRAHMAN SYED	11/21/2013
SIWEI CHENG	11/22/2013

RECEIVING PARTY DATA

Name:	Ford Global Technologies, LLC	
Street Address:	800 Fairlane Plaza South	
Internal Address:	330 Town Center Drive	
City:	Dearborn	
State/Country:	MICHIGAN	
Postal Code:	48126	

PROPERTY NUMBERS Total: 1

Property Type	Number
Application Number:	14091431

CORRESPONDENCE DATA

Fax Number: (248)988-8363 Phone: 248-988-8360 Email: docket@cgolaw.com

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

Correspondent Name: TODD W. BARRETT

Address Line 1: 400 W. MAPLE ROAD, SUITE 350 Address Line 2: CARLSON, GASKEY & OLDS Address Line 4: BIRMINGHAM, MICHIGAN 48009

ATTORNEY DOCKET NUMBER:	67186-052PUS1
NAME OF SUBMITTER:	TODD W. BARRETT

PATENT REEL: 031683 FRAME: 0781

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Signature:	/Todd W. Barrett/	
Date:	11/27/2013	
	This document serves as an Oath/Declaration (37 CFR 1.63).	
Total Attachments: 3 source=Executed_Assignment#page1.tif source=Executed_Assignment#page2.tif source=Executed_Assignment#page3.tif		

46442

Attorney Docket Number	83399210
	67186-052 PUS1

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	n TORQUE MONITOR	RING SYSTEM AND METHOL	P
This declaration is	directed to:		
The attached application, or: United States application or PCT international application number filed on			
The above-identif	ed application was made 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.			
I believe that I am	the original inventor or an original	l joint inventor of a claimed invention in	n 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.			
FORD GLOBAL of the State of D hereinafter referr interest, domestic of the ASSIGNE for the invention name or names, o insert the serial 14/091,431 ASSIGNEE, its applications, in a including all ap	rechnologies, LLC, a Ford Nelaware, having its principal placed to as the ASSIGNEE, its successord and foreign, in and to the invention, its successors, assigns or other land discoveries in any and all cours in my name, at its or their election pplication number and filing despectation of the inventions and discoveries due to the inventions and discoveries due to the inventions and discoveries a	made or by contractual obligation, I defends or Company subsidiary, organized as e of business at Dearborn, County of essors, assigns or other legal representations and discoveries in the above-identificing the entire of the application of the application (and I hereby authorize the ASSIGN ate of the application to receive Leta 1/27/2013), and I hereby all representatives, all rights of priors in any and all countries, entities and e filing date hereof, continuations, conti	Wayne, and State of Michigan, atives, the entire right, title and fied invention including the right ons and to receive Letters Patent organizations, in its or their own IEE or ASSIGNEE's attorney to tters Patent herein: Serial No. sell, assign and set over to the rity, including any provisional intergovernmental organizations
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 Inventor:	OF INVENTOR mielek fichard Luedtke	Date:	11/22/2013
Signature:	Silmu -		All C
Note: An Applies	ion Data Sheet (PTO/SB/14 or equive eclaration form for each additional inv	alent), including naming the entire inventiventor.	re entity, must accompany this form.

Please direct all correspondence to:

46442

Attorney Docker Hanteet	83399210
	67186-052 PUS1

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 Inventio	n TORQUE MONITORING SYSTEM AND METHOD		
This declaration is directed to:			
	The attached application, or United States application or PCT international application number filed on		
The above-identific	ed application was made or authorized to be made by me.		
I hereby state that including the claim	I have reviewed and understand the contents of the specification in the above-identified application, as.		
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.			
FORD GLOBAL 7 of the State of De hereinafter referred interest, domestic of the ASSIGNEE for the inventions name or names, or insert the serial/a 14/091,431 ASSIGNEE, its sapplications, in an including all applications.	reployment 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 laware, having its principal place of business at Dearborn, County of Wayne, and State of Michigan, it 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 Patent and discoveries in any and all countries, entities and intergovernmental organizations, in its or their own in my name, at its or their election (and I hereby authorize the ASSIGNEE or ASSIGNEE's attorney to pplication 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.			
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			
Inventor: Faz	ral Urrahman Syed Date: \(\lambda \lambda \lam		
Signature:	Republik Miller		
	on Data Sheet (PTO/SB/14 or equivalent), including naming the entire inventive entity, must accompany this form claration form for each additional inventor.		

RECORDED: 11/27/2013

46442

	Attorney Docket Number	83399210
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67186-052 PUS1

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	tion TORQUE MONITORING SYSTEM	AND METHOD	
This declaration	is directed to:		
	The attached application, or United States application or PCT international application of the property of the		
The above-identi	tified application was made or authorized to be made by n	ne.	
I hereby state the including the class	hat I have reviewed and understand the contents of the aims.	specification in the above-identified application,	
I believe that I ar	um the original inventor or an original joint inventor of a c	laimed 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. 14/091,431			
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	11/22/2 12	
<u> </u>	Siwei Cheng	Date: $11/22/2013$	
Signature:	Siver Ches		
Note: An Applica	ation Data Sheet (PTO/SB/14 or equivalent), including naming declaration form for each additional inventor.	g the entire inventive entity, must accompany this form.	