PATENT ASSIGNMENT

Electronic Version v1.1 Stylesheet Version v1.1

SUBMISSION TYPE:	NEW ASSIGNMENT
NATURE OF CONVEYANCE:	ASSIGNMENT

CONVEYING PARTY DATA

Name	Execution Date
Michael Edward Loftus	09/16/2013
James Lawrence Swoish	09/15/2013

RECEIVING PARTY DATA

Name:	Ford Global Technologies, LLC				
Street Address:	airlane 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:	14015335			

CORRESPONDENCE DATA

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

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ATTORNEY DOCKET NUMBER:	83386625
NAME OF SUBMITTER:	Jody Richmond
Signature:	/Jody Richmond/

REEL: 031238 FRAME: 0635

PATENT

Date:	09/17/2013
	This document serves as an Oath/Declaration (37 CFR 1.63).
Total Attachments: 2 source=LoftusDec#page1.tif source=SwoishDec#page1.tif	

PATENT REEL: 031238 FRAME: 0636

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Attorney Docket Number	92796636	 	
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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)

Title of Invention SYSTEM AND METHOD FOR TESTING BATTERY COMPONENTS	VEHICLE TRACTION				
This declaration is directed to:					
The attached application, or X United States application or PCT international application number 14/015,335 filed on August 30, 2013					
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 t including the claims.	the above-identified application,				
I believe that I am the original inventor or an original 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 continuation-in-part applications, material information which became available betwee application and the national or PCT international filing date of the continuation-in-part appli	en the filing date of the prior				
Pursuant to my employment agreement heretofore made or by contractual obligation, I de FORD GLOBAL TECHNOLOGIES, LLC, a Ford Motor Company subsidiary, organized at of the State of Delaware, having its principal place of business at Dearborn, County of hereinafter referred to as the ASSIGNEE, its successors, assigns or other legal representations interest, domestic and foreign, in and to the inventions and discoveries in the above-identification of the ASSIGNEE, its successors, assigns or other legal representatives to make application for the inventions and discoveries in any and all countries, entities and intergovernmental on name or names, or in my name, at its or their election (and I hereby authorize the ASSIGN insert the serial/application number and filing date of the application to receive Let 14/015,335 Filing Date August 30, 2013 , and I here the ASSIGNEE, its successors, assigns or other legal representatives, all rights of prior applications, in and to the inventions and discoveries in any and all countries, entities and including all applications claiming benefit of the filing date hereof, continuations, correcxaminations and reissue applications.	and existing by virtue of the laws Wayne, and State of Michigan, atives, the entire right, title and fied invention including the right one and to receive Letters Patent organizations, in its or their own IEE or ASSIGNEE's attorney to tters Patent herein: Serial No. reby sell, assign and set over to ority, including any provisional intergovernmental organizations ontinuations-in-part, divisionals,				
And I hereby agree for myself, my heirs, successors, assigns or other legal representatives including applications for Letters Patent of any and all kinds and in any and all countries, organizations, and to perform any and all acts which the ASSIGNEE, its successors, assign may deem necessary to secure thereto the rights herein sold, assigned and set over.	entities and intergovernmental				
And I hereby represent and warrant that I have not granted any rights inconsistent with the right	ights 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	9/16/2013				
Inventor: Michael Edward Loftus Date: Signature:	2/16/200				
Note: An Application Data Sheet (PTO/SB/14 or equivalent), including naming the entire inventive Use an additional declaration form for each additional inventor.	entity, must accompany this form.				

PATENT REEL: 031238 FRAME: 0637 Please direct all correspondence to: 28395

Attorney Docket Number 83386625		***************************************	
	Attorney Docket Number		

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	8	YSTEM		METHOD ONENTS	FOR	TESTING	VEHICLE	TRACTION
This declaration is directed to:								
□ X	The attacl United Sta	ned application	on or PC	T international a		1 number , 2013	······································	
The above-identif	fied applica	ition was mad	de or auth	norized to be ma	ide by me.			
I hereby state the including the claim		eviewed and	understa	and the content	s of the s	pecification in	the above-identi	fied application,
I believe that I arr	the origin	al inventor e	r an origi	nal joint invent	or of a clai	med invention	in the application	i.
I am aware of the continuation-in-parapplication and the	art applica	itions, mater	ial infor	mation which	became a	vailable betwe	en the filing da	56, including for ate of the prior
Pursuant to my e FORD GLOBAL of the State of D hereinaster referre interest, domestic of the ASSIGNEI for the inventions name or names, o insert the serial/14/015,335 ASSIGNEE, its applications, in an including all appreexaminations and	TECHNO delaware, hed to as the and foreign of the successors and to the indications of th	LOGIES, LL aving its price ASSIGNED in, in and to the essors, assign veries in any me, at its or in number an illing Date, assigns or eventions and claiming ben	C, a Force neighbors, a Force of the inventors or other and all control of their elected filing their left of their left discovers of their left disco	I Motor Compa ace of business reessors, assign tions and disco- r legal represen- countries, entitie tion (and I here date of the a 30, 2013 egal representa- ries in any and	ny subsidition at Dearb sor other everies in the statives to estand interest and interest and interest all countries all countries.	ary, organized a corn, County of legal represent the above-identimake application application for receive Lend I hereby sights of prices, entities and	and existing by very wayne, and Statives, the entire field invention in one and to receive organizations, in NEE or ASSIGN enters Patent here ell, assign and ority, including intergovernment.	rirtue of the laws ate of Michigan, e right, title and cluding the right we Letters Patent atts or their own (EE's attorney to rein: Serial No. set over to the any provisional tal 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 C Inventor: Ja		TOK ence Swoish			.g.:	Date:	9/15/2	013
Signature:	? ????	<u> </u>		22 Leva	L.			
Noie: An Applicati Use an additional de	ion Data Sh ciaration fo	set (PTO/SB/I rm for each ad	l4 or equi Iditional in	valent), including ventor.	naming th	e entire inventiv	e entity, must acco	ompany this form.

PATENT REEL: 031238 FRAME: 0638

RECORDED: 09/19/2013