PATENT ASSIGNMENT

Electronic Version v1.1 Stylesheet Version v1.1

SUBMISSION TYPE:	NEW ASSIGNMENT
NATURE OF CONVEYANCE:	ASSIGNMENT

CONVEYING PARTY DATA

Name	Execution Date
Mark Steven Yamazaki	04/18/2013
Christopher Alan Lear	04/18/2013
Francis Thomas Connolly	04/18/2013

RECEIVING PARTY DATA

Name:	FORD GLOBAL TECHNOLOGIES, LLC
Street Address:	330 Town Center Drive
Internal Address:	Fairlane Plaza South, Suite 800
City:	Southfield
State/Country:	MICHIGAN
Postal Code:	48126

PROPERTY NUMBERS Total: 1

Property Type	Number
Application Number:	13865587

CORRESPONDENCE DATA

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

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Correspondent Name: BROOKS KUSHMAN P.C./FGTL

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Address Line 2: 22ND FLOOR

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ATTORNEY DOCKET NUMBER:	83243482
NAME OF SUBMITTER:	Judy Noble
Signature:	/Judy Noble/

502316317 REEL: 030244 FRAME: 0310

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Date:	04/18/2013
	This document serves as an Oath/Declaration (37 CFR 1.63).
Total Attachments: 3 source=Assignment_and_Declaration#page1.tif source=Assignment_and_Declaration#page2.tif source=Assignment_and_Declaration#page3.tif	

PATENT REEL: 030244 FRAME: 0311

Attorney Docket Number	83243482

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 OPPORTUNISTIC CHARGING OF HYBRID VEHICLE BATTERY
This declaration	is directed to:
X	The attached application, or United States application or PCT international application numberfiled on
The above-identi	fied application was made or authorized to be made by me.
I hereby state the including the claim	at I have reviewed and understand the contents of the specification in the above-identified application, ims.
I believe that I ar	n the original inventor or an original joint inventor of a claimed invention in the application.
continuation-in-p	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 the national or PCT international filing date of the continuation-in-part application.
FORD GLOBAL of the State of I hereinafter referrinterest, domestic of the ASSIGNE for the invention name or names, dinsert the serial. 13/865,587 ASSIGNEE, its applications, in a including all apreexaminations a And I hereby againcluding applica	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 belaware, 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 is successors, assigns or other legal representatives to make applications and to receive Letters Patent is 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. ———————————————————————————————————
may deem necess	sary to secure thereto the rights herein sold, assigned and set over. resent and warrant that I have not granted any rights inconsistent with the rights granted herein.
I hereby acknow or imprisonment	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 (Inventor: M	OF INVENTOR Iark Steven Yamazaki Date: 4-18-2013
Signature:	27 r. cfu
	tion Data Sheet (PTO/SB/14 or equivalent), including naming the entire inventive entity, must accompany this form. leclaration form for each additional inventor.

PATENT REEL: 030244 FRAME: 0312

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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	OPPORTUNISTIC CHARGING OF HYBRID VEHICLE BATTERY	
This declaration is direc	ted to:	
	ttached application, or d States application or PCT international application number filed on	
The above-identified ap	plication was made or authorized to be made by me.	
I hereby state that I ha including the claims.	ve reviewed and understand the contents of the specification in the above-identified application,	
I believe that I am the or	iginal inventor or an original joint inventor of a claimed invention in the application.	
continuation-in-part app	o disclose information which is material to patentability as defined in 37 C.F.R. 1,56, including for blications, material information which became available between the filing date of the prior nal or PCT international filing date of the continuation-in-part application.	
of the State of Delawar hereinafter referred to a interest, domestic and fo of the ASSIGNEE, its so for the inventions and di name or names, or in my insert the serial/applica 13/865,587 ASSIGNEE, its success applications, in and to the	ment agreement heretofore made or by contractual obligation, I do sell, assign and set over unto NOLOGIES, LLC, a Ford Motor Company subsidiary, organized and existing by virtue of the laws e, having its principal place of business at Dearborn, County of Wayne, and State of Michigan, is the ASSIGNEE, its successors, assigns or other legal representatives, the entire right, title and reign, in and to the inventions and discoveries in the above-identified invention including the right accessors, assigns or other legal representatives to make applications and to receive Letters Patent scoveries in any and all countries, entities and intergovernmental organizations, in its or their own rame, at its or their election (and I hereby authorize the ASSIGNEE or ASSIGNEE's attorney to tion 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 ar	nd warrant that I have not granted any rights inconsistent with the rights granted herein.	
or imprisonment of not m	at any willful false statement made in this declaration is punishable under 18 U.S.C. 1001 by fine ore than five (5) years or both.	
LEGAL NAME OF INVI	er Alan Lear Date: 4/18/20/3	
Signature:	Retiffer A for	
	Sheet (PTO/SB/14 or equivalent), including naming the entire inventive entity, must accompany this form. form for each additional inventor.	
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PATENT REEL: 030244 FRAME: 0313

Please direct all correspondence to: 28395

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Attorney Docket Number	83243482	
Attorney Books		

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	OPPORTUNISTIC CHARGING OF HYBRID VEHICLE BATTERY
This declaration	s directed to:
×	The attached application, or United States application or PCT international application number filed on
	fied application was made or authorized to be made by me.
including the cla	
	n the original inventor or an original joint inventor of a claimed invention in the application.
I a diameter in a	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 the national or PCT international filing date of the continuation-in-part application.
of the State of hereinafter refer interest, domesti of the ASSIGNI for the invention name or names, insert the seria 13/865,587 ASSIGNEE, its applications, in including all a	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 EE, 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 or in my name, at its or their election (and I hereby authorize the ASSIGNEE or ASSIGNEE's attorney to Mapplication number and filing date of the application to receive Letters Patent herein: Serial No. ———————————————————————————————————
And I hereby a including applic	gree for myself, my heirs, successors, assigns or other legal representatives to execute any and all papers, rations for Letters Patent of any and all kinds and in any and all countries, entities and intergovernmental and to perform any and all acts which the ASSIGNEE, its successors, assigns or other legal representatives assary to secure thereto the rights herein sold, assigned and set over.
And I hereby re	present and warrant that I have not granted any rights inconsistent with the rights granted herein.
I hereby acknow	wledge that any willful false statement made in this declaration is punishable under 18 U.S.C. 1001 by fine
or imprisonmen	t of not more than five (5) years or both. OF INVENTOR
Inventor:	Francis Thomas Connolly Date: 4/3/2013
	- 2 D Cerello
Signature: _	
Motor An Appli	cation Data Sheet (PTO/SB/14 or equivalent), including naming the entire inventive entity, must accompany this form.
Use an additiona	declaration form for each additional inventor.

PATENT REEL: 030244 FRAME: 0314

RECORDED: 04/18/2013