#### 503231759 03/24/2015

#### PATENT ASSIGNMENT COVER SHEET

Electronic Version v1.1 Stylesheet Version v1.2 EPAS ID: PAT3278377

SUBMISSION TYPE:	NEW ASSIGNMENT
NATURE OF CONVEYANCE:	ASSIGNMENT

#### **CONVEYING PARTY DATA**

Name	Execution Date
MARK STEVEN YAMAZAKI	03/20/2015
XIAOYONG WANG	03/16/2015
RAJIT JOHRI	03/20/2015
WEI LIANG	03/16/2015
MING LANG KUANG	03/18/2015
JEFFERY ALLEN DOERING	03/16/2015

#### **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:	14665540

#### **CORRESPONDENCE DATA**

**Fax Number:** (248)358-3351

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:** 2483584400

**Email:** mdrapinski@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 48075-1238

ATTORNEY DOCKET NUMBER:	83506997
NAME OF SUBMITTER:	BENJAMIN C. STASA
SIGNATURE:	/Benjamin C. Stasa/
DATE SIGNED:	03/24/2015

# Total Attachments: 6 source=Assignment\_83506997#page1.tif source=Assignment\_83506997#page2.tif source=Assignment\_83506997#page3.tif source=Assignment\_83506997#page4.tif source=Assignment\_83506997#page5.tif

source=Assignment\_83506997#page6.tif

Attorney Docket Number	83506997

Title of Invention	HYBRID ELECTRIC VEHICLE AND METHOD OF CONTROL
This declaration is dire	ected to;
Tha	attached continuing on
☐ Unit	attached application, or ted States application or PCT international application number filed on
The above-identified a	pplication was made or authorized to be made by me.
I hereby state that I hincluding the claims.	have reviewed and understand the contents of the specification in the above-identified application,
I believe that I am the	original inventor or an original joint inventor of a claimed invention in the application.
continuation-in-part a	to disclose information which is material to patentability as defined in 37 C.F.R. 1.56, including for pplications, material information which became available between the filing date of the prior ional or PCT international filing date of the continuation-in-part application.
FORD GLOBAL TECT of the State of Delaw hereinafter referred to interest, domestic and of the ASSIGNEE, its for the inventions and name or names, or in a insert the serial/applitude of 14/665,540.  ASSIGNEE, its succeapplications, in and to including all applications and reimagnetic texaminations and reimagnetic of including applications organizations, and to properly the state of	yment agreement heretofore made or by contractual obligation, I do sell, assign and set over unto HNOLOGIES, LLC, a Ford Motor Company subsidiary, organized and existing by virtue of the laws are, having its principal place of business at Dearborn, County of Wayne, and State of Michigan, as the ASSIGNEE, its successors, assigns or other legal representatives, the entire right, title and foreign, in and to the inventions and discoveries in the above-identified invention including the right successors, assigns or other legal representatives to make applications and to receive Letters Patent discoveries in any and all countries, entities and intergovernmental organizations, in its or their own my name, at its or their election (and I hereby authorize the ASSIGNEE or ASSIGNEE's attorney to cation number and filing date of the application to receive Letters Patent herein: Serial No.  —, Filing Date March 23, 2015 ——), and I hereby sell, assign and set over to the essors, assigns or other legal representatives, all rights of priority, including any provisional the inventions and discoveries in any and all countries, entities and intergovernmental organizations ions claiming benefit of the filing date hereof, continuations, continuations-in-part, divisionals, same applications.  The myself, my heirs, successors, assigns or other legal representatives to execute any and all papers, for Letters Patent of any and all kinds and in any and all countries, entities and intergovernmental perform any and all acts which the ASSIGNEE, its successors, assigns or other legal representatives are 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.
	that any willful false statement made in this declaration is punishable under 18 U.S.C. 1001 by fine more than five (5) years or both.
LEGAL NAME OF IN	VENTOR 2 / /
Inventor: Mark S	teven Yamazaki Date: 3/30/30/5
Signature:	out yas
	ata Sheet (PTO/SB/14 or equivalent), including naming the entire inventive entity, must accompany this form.

Attorney Docket Number   83506997	Attorney Docket Number	83506997
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Title of invention	HYBRID ELECTRIC VEHICLE AND WETHOD OF CONTROL
This declaration is directed	ed to:
United	ached application, or States application or PCT international application numberfiled on
The above-identified appl	lication was made or authorized to be made by me.
I hereby state that I have including the claims.	e reviewed and understand the contents of the specification in the above-identified application,
I believe that I am the orig	ginal inventor or an original joint inventor of a claimed invention in the application.
continuation-in-part appl	disclose information which is material to patentability as defined in 37 C.F.R. 1.56, including for lications, material information which became available between the filing date of the prior all or PCT international filing date of the continuation-in-part application.
FORD GLOBAL TECHN of the State of Delaware hereinafter referred to as interest, domestic and for of the ASSIGNEE, its su for the inventions and disname or names, or in my insert the serial/applications and to the ASSIGNEE, its successe applications, in and to the	nent 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 a having its principal place of business at Dearborn, County of Wayne, and State of Michigan, 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 acoveries in any and all countries, entities and intergovernmental organizations, in its or their own name, at its or their election (and I hereby authorize the ASSIGNEE or ASSIGNEE's attorney to ion number and filing date of the application to receive Letters Patent herein: Serial No.
including applications for organizations, and to perf	nyself, my heirs, successors, assigns or other legal representatives to execute any and all papers, r Letters Patent of any and all kinds and in any and all countries, entities and intergovernmental form any and all acts which the ASSIGNEE, its successors, assigns or other legal representatives occure thereto the rights herein sold, assigned and set over.
And I hereby represent an	d warrant that I have not granted any rights inconsistent with the rights granted herein.
or imprisonment of not me	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 INVE	• 7 // / 8
	ng Kijon G
Signature:	at the t
	Sheet (PTO/SB/14 or equivalent), including naming the entire inventive entity, must accompany this form. In form for each additional inventor.

Title of Invention	HYBRID ELECTRIC VEHICLE AND METHOD OF CONTROL	
This declaration is directed	ed to:	
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FORD GLOBAL TECHY of the State of Delaware hereinafter referred to as interest, domestic and for of the ASSIGNEE, its sufor the inventions and disname or names, or in my insert the serial/applicat 14/665,540  ASSIGNEE, its success applications, in and to the	nent 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 be having its principal place of business at Dearborn, County of Wayne, and State of Michigan, at 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 acoveries in any and all countries, entities and intergovernmental organizations, in its or their own name, at its or their election (and I hereby authorize the ASSIGNEE or ASSIGNEE's attorney to ion 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 to than five (5) years or both.	
LEGAL NAME OF INV		
Inventor: Rajit John	Date: $\frac{0.3/2.0/2.015}{}$	
Signature:	y 1 hou	
Note: An Application Data Use an additional declaration	Sheet (PTO/SB/14 or equivalent), including naming the entire inventive entity, must accompany this form. In form for each additional inventor.	

Attorney Docket Number	83506997	

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This declaration is directe	d to:
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The above-identified appl	ication was made or authorized to be made by me.
I hereby state that I have including the claims.	e reviewed and understand the contents of the specification in the above-identified application,
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continuation-in-part appl	disclose information which is material to patentability as defined in 37 C.F.R. 1.56, including for ications, material information which became available between the filing date of the prior al or PCT international filing date of the continuation-in-part application.
of the State of Delaware, hereinafter referred to as interest, domestic and force of the ASSIGNEE, its sucfor the inventions and discussion are or names, or in my insert the serial/application 14/665,540  ASSIGNEE, its successor applications, in and to the	ent agreement heretofore made or by contractual obligation, I do sell, assign and set over unto IOLOGIES, LLC, a Ford Motor Company subsidiary, organized and existing by virtue of the laws having its principal place of business at Dearborn, County of Wayne, and State of Michigan, the ASSIGNEE, its successors, assigns or other legal representatives, the entire right, title and eign, in and to the inventions and discoveries in the above-identified invention including the right excessors, assigns or other legal representatives to make applications and to receive Letters Patent coveries in any and all countries, entities and intergovernmental organizations, in its or their own name, at its or their election (and I hereby authorize the ASSIGNEE's attorney to on number and filing date of the application to receive Letters Patent herein: Serial No.  —, Filing Date
including applications for organizations, and to perfe	yself, my heirs, successors, assigns or other legal representatives to execute any and all papers, Letters Patent of any and all kinds and in any and all countries, entities and intergovernmental orm any and all acts which the ASSIGNEE, its successors, assigns or other legal representatives our thereto the rights herein sold, assigned and set over.
And I hereby represent and	I warrant that I have not granted any rights inconsistent with the rights granted herein.
or imprisonment of not mo	any willful false statement made in this declaration is punishable under 18 U.S.C. 1001 by fine are than five (5) years or both.
LEGAL NAME OF INVE Inventor: Wei Liang	-1 11-010.
Signature:	C 2000 07115
Note: An Application Data :	Sheet (PTO/SB/14 or equivalent), including naming the entire inventive entity, must accompany this form.  form for each additional inventor.

Attorney Docket Numb	

i me oi inventi	on	HYBRID ELECTRIC VEHICLE AND METHOD OF CONTROL
This declaration is directed to:		
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The above-identif	ied app	lication was made or authorized to be made by me.
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FORD GLOBAL of the State of D hereinafter referre interest, domestic of the ASSIGNEE for the inventions name or names, o insert the serial/c 14/665,540 ASSIGNEE, its applications, in ar	TECHN elaware ed to as and for E, its su and dis r in my applicat successed to the dication	nent 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, having its principal place of business at Dearborn, County of Wayne, and State of Michigan, 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 acoveries in any and all countries, entities and intergovernmental organizations, in its or their own name, at its or their election (and I hereby authorize the ASSIGNEE or ASSIGNEE's attorney to ion number and filing date of the application to receive Letters Patent herein: Serial No.  ———————————————————————————————————
including applicat organizations, and	ions for I to perf	nyself, my heirs, successors, assigns or other legal representatives to execute any and all papers, reletters Patent of any and all kinds and in any and all countries, entities and intergovernmental form any and all acts which the ASSIGNEE, its successors, assigns or other legal representatives cure thereto the rights herein sold, assigned and set over.
And I hereby repre	esent an	d warrant that I have not granted any rights inconsistent with the rights granted herein.
or imprisonment o	f 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 C		
	W Lang	Kuang Date: 3/18/20(5
Signature:		NOT SOME
		Sheet (PTO/SB)(14 or equivalent), including naming the entire inventive entity, must accompany this form.  form for each additional inventor.

Please direct all correspondence to: 28395

RECORDED: 03/24/2015

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Attorney Docket Number	83506997	

## 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	HYBRID ELECTRIC VEHICLE AND METHOD OF CONTROL
This declaration is	directed to:
	The attached application, or United States application or PCT international application number filed on
The above-identifi	ed application was made or authorized to be made by me.
I hereby state that including the clain	I have reviewed and understand the contents of the specification in the above-identified application s.
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FORD GLOBAL of the State of Dehereinafter referreinterest, domestic of the ASSIGNEE for the inventions name or names, or insert the serial/a 14/665,540 ASSIGNEE, its sapplications, in an including all applications and processing the state of the serial applications are serial 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 law laware, having its principal place of business at Dearborn, County of Wayne, and State of Michigan to as the ASSIGNEE, its successors, assigns or other legal representatives, the entire right, title 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 oplication number and filing date of the application to receive Letters Patent herein: Serial No., Filing Date March 23, 2015, and I hereby sell, assign and set over to the accessors, assigns or other legal representatives, all rights of priority, including any provisional to the inventions and discoveries in any and all countries, entities and intergovernmental organization cations claiming benefit of the filing date hereof, continuations, continuations-in-part, divisionals reissue applications.
including applications, and	e for myself, my heirs, successors, assigns or other legal representatives to execute any and all papers ons for Letters Patent of any and all kinds and in any and all countries, entities and intergovernmenta to perform any and all acts which the ASSIGNEE, its successors, assigns or other legal representatives y to secure thereto the rights herein sold, assigned and set over.
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or imprisonment of	lge that any willful false statement made in this declaration is punishable under 18 U.S.C. 1001 by fine not more than five (5) years or both.
LEGAL NAME O	
Inventor: <u>Jeff</u>	rev Allen Doering Date: 10 11472 2013
Signature:	
	Data Sheet (PTO/SB/14 or equivalent), including naming the entire inventive entity, must accompany this form laration form for each additional inventor.