504333047 04/21/2017

PATENT ASSIGNMENT COVER SHEET

Electronic Version v1.1 Stylesheet Version v1.2

SUBMISSION TYPE: NEW ASSIGNMENT NATURE OF CONVEYANCE: ASSIGNMENT

CONVEYING PARTY DATA

Name	Execution Date
HANYANG B. CHEN	03/31/2017
MICHAEL J. IRBY	03/31/2017
DOUGLAS GEORGE ROSNER	04/04/2017

RECEIVING PARTY DATA

Name:	FORD GLOBAL TECHNOLOGIES, LLC
Street Address:	SUITE 800, 330 TOWN CENTER DRIVE
City:	DEARBORN
State/Country:	MICHIGAN
Postal Code:	48126

PROPERTY NUMBERS Total: 1

Property Type	Number
Application Number:	15481282

CORRESPONDENCE DATA

Fax Number: (312)980-0728

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.

312-269-8000 Phone:

Email: marden@ngelaw.com, patents@ngelaw.com

JAMES P. MURAFF **Correspondent Name:**

Address Line 1: TWO NORTH LASALLE STREET, SUITE 1700

Address Line 2: ATTN: PATENT ADMINISTRATOR

Address Line 4: CHICAGO, ILLINOIS 60602

ATTORNEY DOCKET NUMBER:	83786649 (026780.8655)
NAME OF SUBMITTER:	JAMES P. MURAFF
SIGNATURE:	/JAMES P. MURAFF/
DATE SIGNED:	04/21/2017

Total Attachments: 3

source=Declaration_Ben_Chen#page1.tif

source=Declaration_Douglas_George_Rosner#page1.tif

source=Declaration Michael Irby#page1.tif

PATENT REEL: 042117 FRAME: 0750

EPAS ID: PAT4379733

504333047

Attorney Docket Number | \$3786649 (026780 8655)

REEL: 042117 FRAME: 0751

ASSIGNMENT AND DECLARATION (37 C.F.R. 1.63) FOR UTILITY, PROVISIONAL OR DESIGN APPLICATION USING AN APPLICATION DATA SHEET (37 C.E.R. 1.76).

Title of Invention	CONTROLLING CHARGE LEVE	LS OF VEHICLE BATTERIES
This declaration is direc	ted to:	
	ttached application, or d States application or PCT international applition in the filed on the form of the form	cation number asertion of the application filing date and number into
The above-identified ap	plication was made or authorized to be made b	y me
I hereby state that I had including the claims.	ve reviewed and understand the contents of	the above-dentified application in the above-dentified application.
I believe that I am the o	riginal inventor or an original joint inventor of	a claused invention in the application.
continuation-in-part ap	to disclose information which is material to pe plications, material information which beca- onal or PCT international filing date of the con-	sentability as defined in 37 C.F.R. 1.56, including for the available between the filling date of the prior treastron-in-part application.
FORD GLOBAL TECH of the State of Delawa hereinafter referred to interest, domestic and f of the ASSIGNEE, its for the inventions and mame or names, or in insert the serial/applic ASSIGNEE, its succeapplications, in and to	NOLOGIES, LLC, a Ford Motor Company or re-having its principal place of husiness at last the ASSIGNEE, its successors, assigns or oreign, in and to the inventions and discoveries accessors, assigns or other legal representative discoveries in any and all countries, antities any name, at its or their election (and I hereby a stion number and filing date of the application number and filing date of the applications, assigns or other legal representative the inventions and discoveries in any and all toons claiming benefit of the filing date here	actual obligation, I do self assign and set over onto absidiary, preanted and existing by virtue of the taws bearronn. Countr of Wayne, and State of Michigan, other legal representatives, the entire right, take and sin the above-identified investion including the right estimated applications and to receive Letters Patent I interpretationary organizations, in the above-identified investion in the or their over authorize the ASSIGNEE or ASSIGNEE's attorney to attorney to receive Letters Patent herein. Serial No
including applications organizations, and to p	for Letters Patent of any and all kinds and in	r legal representatives to execute any and all papers, any and all countries, entities and intergovernmental the successors, assigns or other legal representatives and set over.
And I hereby represent	and warrant that I have not granted any rights it	necessaria with the rights granted herein.
or imprisonment of not LEGAL NAME OF IN	more than five (5) years or both	Claration is punishable under 18 U.S.C. 1991 by fine Date: MAY(A, 31, 2017)
Signature:	- ↑ `` zź	
Note: An Application D Use an additional declara	ata Sheet (PTO/SB/14 or equivalent), including man tion form for each additional inventor.	PATENT

Attorney Docket Number | 83786649 (026780.8655)

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	CONTROLLING CHARGE LEVELS OF VEHICLE BATTERIES
This declaration is direct	æd to:
	tached application, or I States application or PCT international application numberfiled on (I hereby authorize the insertion of the application filing date and number into ome known.)
The above-identified app	olication was made or authorized to be made by me.
I hereby state that I havincluding 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 discissions, material information which became available between the filing date of the prior nal or PCT international filing date of the continuation-in-part application.
FORD GLOBAL TECH of the State of Delawar hereinafter referred to a interest, domestic and for the ASSIGNEE, its sit for the inventions and draame or names, or in my insert, the serial/applica ASSIGNEE, its successapplications, 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 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 incessors, assigns or other legal representatives to make applications and to receive Letters Patent scoveries in any and all countries, entiries and intergovernmental organizations, in its or their own maine, at its or their election (and I hereby authorize the ASSIGNEE or ASSIGNEE's attorney to the number and filing date of the application to receive Letters Patent herein. Serial, No. Filing Date
including applications for organizations, and to per	myself, my heirs, successors, assigns or other legal representatives to execute any and all papers, or 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 as	nd warrant that I have not granted any rights inconsistent with the rights granted herein.
or imprisonment of not n	at any willful false statement made in this declaration is punishable under 18 U.S.C. 1001 by fine little (5) years or both
	ENTOR Secret Posser Date April 4 20,7
	Sheet (PTO/SB/14 or equivalent), including naming the entire inventive entiry, must accompany this form.

PATENT REEL 042117 FRAME: 0752

RECORDED: 04/21/2017

Attorney Docket Number	83786649 (026780.8655)

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	CONTROLLING CHARGE LEVELS OF VEHICLE BATTERIES	
This declaration is direct	This declaration is directed to:	
United	tached application, or States application or PCT international application number filed on (I hereby authorize the insertion of the application filing date and number into one known.)	
The above-identified app	lication was made or authorized to be made by me.	
I hereby state that I have including the claims.	re reviewed and understand the contents of the specification in the above-identified application,	
I believe that I am the ori	ginal 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 lications, material information which became available between the filing date of the prior nal 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.		
including applications for organizations, and to per	myself, my heirs, successors, assigns or other legal representatives to execute any and all papers, or 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 ecure thereto the rights herein sold, assigned and set over.	
And I hereby represent a	nd 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 INV	ENTOR 2/2/3/	
Inventor: Michael J	1rby Date: 3/3/2017	
Signature:	<u> </u>	
	a Sheet (PTO/SB/14 or equivalent), including naming the entire inventive entity, must accompany this form. In form for each additional inventor.	
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PATENT REEL: 042117 FRAME: 0753