502731148 03/20/2014

PATENT ASSIGNMENT COVER SHEET

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SUBMISSION TYPE:	NEW ASSIGNMENT
NATURE OF CONVEYANCE:	ASSIGNMENT

CONVEYING PARTY DATA

Name	Execution Date
YONGCAI WANG	03/11/2014
PATRICK DANIEL MAGUIRE	03/12/2014
BRIAN UTLEY	03/11/2014

RECEIVING PARTY DATA

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

PROPERTY NUMBERS Total: 1

Property Type	Number
Application Number:	14219324

CORRESPONDENCE DATA

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US Mail.

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Email: apage@brookskushman.com
Correspondent Name: BROOKS KUSHMAN P.C.
Address Line 1: 1000 TOWN CENTER

Address Line 2: SUITE 2200

Address Line 4: SOUTHFIELD, MICHIGAN 48075

ATTORNEY DOCKET NUMBER:	83384084	
NAME OF SUBMITTER:	SCOTT E. LLOYD	
SIGNATURE:	/Scott E. Lloyd/	
DATE SIGNED:	03/20/2014	

Total Attachments: 3

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PATENT 502731148 REEL: 032487 FRAME: 0358

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Attorney Docket Number	83384084
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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 Inventi	on TRACTION BATTERY THERMAL PLATE WITH FLEXIBLE BLADDER
This declaration i	s directed to:
×	The attached application, or United States application or PCT international application number filed on
The above-identif	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 ms.
I believe that I am	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 eart applications, material information which became available between the filing date of the prior ne national or PCT international filing date of the continuation-in-part application.
FORD GLOBAL of the State of D hereinafter referre interest, domestic of the ASSIGNED for the inventions name or names, of insert the serial/ 14/219,324 ASSIGNEE, its applications, in an including all app	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, and 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 E, its successors, assigns or other legal representatives to make applications and to receive Letters Patents and discoveries in any and all countries, entities and intergovernmental organizations, in its or their own for 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. Filing Date 3/19/2014, and I hereby sell, assign and set over to the successors, assigns or other legal representatives, all rights of priority, including any provisional and to the inventions and discoveries in any and all countries, entities and intergovernmental organizations plications claiming benefit of the filing date hereof, continuations, continuations-in-part, divisionals and reissue applications.
including applica organizations, and	ree for myself, my heirs, successors, assigns or other legal representatives to execute any and all papers, trions for Letters Patent of any and all kinds and in any and all countries, entities and intergovernmental d to perform any and all acts which the ASSIGNEE, its successors, assigns or other legal representatives ary to secure thereto the rights herein sold, assigned and set over.
And I hereby repr	resent and warrant that I have not granted any rights inconsistent with the rights granted herein.
I hereby acknowl	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 (OF INVENTOR # 3/11/30/1/L
	OF INVENTOR Ongcai Wang Date: 03/11/2014
Signature:	Angai Wang
Note: An Applicat	tion Data Sheet (PTO/SB/14 or equivalent), including naming the entire inventive entity, must accompany this form lectaration form for each additional inventor.

Attorney Docket Number	83384084

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 In	vention	TRACTION BATTERY THERMAL PLATE WITH FLEXIBLE BLADDER
This declara	tion is directe	ed to:
X	United	ached application, or States application or PCT international application numberfiled on
The above-io	dentified app	lication was made or authorized to be made by me.
I hereby sta including the		e reviewed and understand the contents of the specification in the above-identified application,
I believe tha	I am the ori	ginal inventor or an original joint inventor of a claimed invention in the application.
continuation	-in-part app	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 tall or PCT international filing date of the continuation-in-part application.
FORD GLO of the State hereinafter r interest, don of the ASSIG for the inven name or nam insert the s- 14/219, ASSIGNEE, applications, including al	BAL TECHY of Delaware eferred to as sestic and for GNEE, its su ations and dis ses, or in my serial/applicat 324 its success in and to the I application	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 ap organization	plications for s, and to per	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 source 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.
*	•	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 NAI		
Inventor:	Patrick Da	miel Marguire Date: 5/12/2015
Signature:	1/11/	
•		
		Sheet (PTO/SB/14 or equivalent), including naming the entire inventive entity, must accompany this form,

Attorney Docket Number	83384084	

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 TRACTION BATTERY THERMAL PLATE WITH FLEXIBLE BLADDE	R
his declaration is directed to:	
X The attached application, or United States application or PCT international application number filed on	
he above-identified application was made or authorized to be made by me.	
hereby state that I have reviewed and understand the contents of the specification in the above-identified applicat including the claims.	ion,
believe that I am the original inventor or an original joint inventor of a claimed invention in the application.	
am aware of the duty to disclose information which is material to patentability as defined in 37 C.F.R. 1.56, including ontinuation-in-part applications, material information which became available between the filing date of the paper pplication and the national or PCT international filing date of the continuation-in-part application.	; for rior
Pursuant to my employment agreement heretofore made or by contractual obligation, I do sell, assign and set over a CORD GLOBAL TECHNOLOGIES, LLC, a Ford Motor Company subsidiary, organized and existing by virtue of the I of the State of Delaware, having its principal place of business at Dearborn, County of Wayne, and State of Michigaereinafter referred to as the ASSIGNEE, its successors, assigns or other legal representatives, the entire right, title 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 Parameter or names, or in my name, at its or their election (and I hereby authorize the ASSIGNEE or ASSIGNEE's attorned assert the serial/application number and filing date of the application to receive Letters Patent herein: Serial 14/219,324 , Filing Date 3/19/2014), and I hereby sell, assign and set over to applications, in and to the inventions and discoveries in any and all countries, entities and intergovernmental organization including all applications claiming benefit of the filing date hereof, continuations, continuations-in-part, division examinations and reissue applications.	gan, and ight ight own y to No. the onal ions
and I hereby agree for myself, my heirs, successors, assigns or other legal representatives to execute any and all paper necluding applications for Letters Patent of any and all kinds and in any and all countries, entities and intergovernment organizations, and to perform any and all acts which the ASSIGNEE, its successors, assigns or other legal representations deem necessary to secure thereto the rights herein sold, assigned and set over.	ntal
and I hereby represent and warrant that I have not granted any rights inconsistent with the rights granted herein.	
hereby acknowledge that any willful false statement made in this declaration is punishable under 18 U.S.C. 1001 by a imprisonment of not more than five (5) years or both.	fine
TO AT MILLS OF INTERITOR	
nventor: Brian Utley Date: March 11, 2014	.,
ilignature: Brian Helles	
lote: An Application Data Sheet (PTO/SB/14 or equivalent), including naming the entire inventive entity, must accompany this for	orm.
Use an additional declaration form for each additional inventor.	******