502271115 03/15/2013

PATENT ASSIGNMENT

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SUBMISSION TYPE:	NEW ASSIGNMENT
NATURE OF CONVEYANCE:	ASSIGNMENT

CONVEYING PARTY DATA

Name	Execution Date
Patrick Daniel Maguire	03/14/2013
Bhaskara Boddakayala	03/12/2013

RECEIVING PARTY DATA

Name:	Ford Global Technologies, LLC
Street Address:	Fairlane Plaza South
Internal Address:	Suite 800
City:	Dearborn
State/Country:	MICHIGAN
Postal Code:	48126

PROPERTY NUMBERS Total: 1

Property Type	Number
Application Number:	13826754

CORRESPONDENCE DATA

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ATTORNEY DOCKET NUMBER:	83220365
NAME OF SUBMITTER:	Erin K. Bowles

Total Attachments: 2

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> PATENT REEL: 030010 FRAME: 0411

4 \$40.00 13820

Attorney Docket Number	83220365

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 MANAGEMENT SYSTEM
This declaration is	s directed to:
x	The attached application, or United States application or PCT international application number filed on
The above-identif	ied application was made or authorized to be made by me.
I hereby state that including the claim	at I have reviewed and understand the contents of the specification in the above-identified application, ms.
I believe that I an	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 art 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	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,
hereinafter referr interest, domestic of the ASSIGNE	ed to as the ASSIGNEE, its successors, assigns or other legal representatives, the entire right, the 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 Patent and discoveries in any and all countries entities and intergovernmental organizations, in its or their own
name or names, or insert the serial. 13/826,754 ASSIGNEE, its applications in a	or in my name, at its or their election (and I hereby authorize the ASSIGNEE of ASSIGNEE statistics) and application number and filing date of the application to receive Letters Patent herein: Serial No. Filing Date March 14, 2013, 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.
including all ap	plications claiming benefit of the filing date hereof, continuations, continuations-in-part, divisions, and reissue applications.
including applications, ar	ree for myself, my heirs, successors, assigns or other legal representatives to execute any and all papers, ations 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 sary to secure thereto the rights herein sold, assigned and set over.
And I hereby rep	present and warrant that I have not granted any rights inconsistent with the rights granted herein.
or imprisonment	rledge 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 / Patrick Darnel Maguire Date: 3/14/2013
Signature:	Willy
Note: An Applic	ation Data Sheet (PTO/SB/14 or equivalent), including naming the entire inventive entity, must accompany this form degraration form for each additional inventor.

PATENT REEL: 030010 FRAME: 0412

RECORDED: 03/15/2013

Attorney Docket Number	83220365	

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)

This declarat	ion is directed to:
x	The attached application, or United States application or PCT international application numberfiled on
The above-ic	lentified application was made or authorized to be made by me.
I hereby state including the	e that I have reviewed and understand the contents of the specification in the above-identified application claims.
I believe that	I am the original inventor or an original joint inventor of a claimed invention in the application.
continuation	of the duty to disclose information which is material to patentability as defined in 37 C.F.R. 1.56, including in-part applications, material information which became available between the filing date of the principle of the national or PCT international filing date of the continuation-in-part application.
FORD GLO	my employment agreement heretofore made or by contractual obligation, I do sell, assign and set over uBAL TECHNOLOGIES, LLC, a Ford Motor Company subsidiary, organized and existing by virtue of the la
of the State hereinafter r interest, dom	of Delaware, having its principal place of business at Dearborn, County of Wayne, and State of Michig eferred to as the ASSIGNEE, its successors, assigns or other legal representatives, the entire right, title testic and foreign, in and to the inventions and discoveries in the above-identified invention including the results successors, assigns or other legal representatives to make applications and to receive Letters Pales.
for the inver	ations and discoveries in any and all countries, entities and intergovernmental organizations in its or their c
insert the s 13/826,	nes, or in my name, at its or their election (and I hereby authorize the ASSIGNEE or ASSIGNEE's attorney erial/application number and filing date of the application to receive Letters Patent herein: Serial 754 Filing Date March 14, 2013, and I hereby sell, assign and set over to
ASSIGNEE.	its successors, assigns or other legal representatives, all rights of priority, including any provision and to the inventions and discoveries in any and all countries, entities and intergovernmental organizations.
including a	l applications claiming benefit of the filing date hereof, continuations, continuations-in-part, division
	ons and reissue applications.
including ap	y agree for myself, my heirs, successors, assigns or other legal representatives to execute any and all pap- plications for Letters Patent of any and all kinds and in any and all countries, entities and intergovernmes, and to perform any and all acts which the ASSIGNEE, its successors, assigns or other legal representate ecessary to secure thereto the rights herein sold, assigned and set over.
And I hereb	y represent and warrant that I have not granted any rights inconsistent with the rights granted herein.
I hereby ack	nowledge that any willful false statement made in this declaration is punishable under 18 U.S.C. 1001 by nent of not more than five (5) years or both.
LECAL MA	ME OF INVENTOR Bhaskara Boddakayala Date: 03 12 2013
Inventor:	A ' V
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PATENT REEL: 030010 FRAME: 0413