06/25/2018 504974596

PATENT ASSIGNMENT COVER SHEET

Electronic Version v1.1 Stylesheet Version v1.2 EPAS ID: PAT5021342

SUBMISSION TYPE:	NEW ASSIGNMENT
NATURE OF CONVEYANCE:	ASSIGNMENT

CONVEYING PARTY DATA

Name	Execution Date
SARAVANAN PARAMASIVAM	06/18/2018
RAJARAM SUBRAMANIAN	06/18/2018
MALLIKARJUN VEERAMURTHY	06/22/2018
BHASKARA BODDAKAYALA	06/23/2018
DAVID J. PFEIFFER	06/18/2018

RECEIVING PARTY DATA

Name:	Ford Global Technologies, LLC	
Street Address:	800 Fairlane Plaza South	
Internal Address:	330 Town Center Drive	
City:	Dearborn	
State/Country:	MICHIGAN	
Postal Code:	48126	

PROPERTY NUMBERS Total: 1

Property Type	Number
Application Number:	16016729

CORRESPONDENCE DATA

Fax Number: (248)988-8363

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: 248-988-8360

Email: docket@cgolaw.com TODD W. BARRETT **Correspondent Name:**

Address Line 1: 400 W. MAPLE ROAD, SUITE 350 Address Line 2: CARLSON, GASKEY & OLDS Address Line 4: BIRMINGHAM, MICHIGAN 48009

ATTORNEY DOCKET NUMBER:	84031289; 67186-656PUS1
NAME OF SUBMITTER:	TODD W. BARRETT
SIGNATURE:	/Todd W. Barrett/
DATE SIGNED:	06/25/2018
	This document serves as an Oath/Declaration (37 CFR 1.63).

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Total Attachments: 5 source=Assignments_signed#page1.tif source=Assignments_signed#page2.tif source=Assignments_signed#page3.tif source=Assignments_signed#page4.tif source=Assignments_signed#page5.tif

Atterney Docket Number | 84031289; 67186-656PUS1

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	SPLIT PANEL ARRAY PLATE ASSEMBLIES FOR ELECTRIFIED
	VEHICLE BATTERY PACKS
This declaration is direct	ted to:
☐ Unite	ttached application, or I States application or PCT international application number Tiled on (I hereby authorize the insertion of the application filing date and hen they become known.)
The above-identified app	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 O	riginal inventor or an original joint inventor of a claimed invention in the application.
continuation in most on	to disclose information which is material to patentability as defined in 37 C.F.R. 1.56, including for plications, material information which became available between the filing date of the prior small or PCT international filing date of the continuation-in-part application.
FORD GLOBAL TECHO of the State of Delawa hereinafter referred to interest, domestic and for the ASSIGNEE, its for the inventions and comme or names, or in minsert the serial/applic 16/016,729 ASSIGNEE, its succeapplications, in and to including all application reexaminations and reis And I hereby agree for including applications organizations, and to prince the state of the serial applications organizations, and to prince the serial processary to	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 erform any and all acts which the ASSIGNEE, its successors, assigns or other legal representatives secure thereto the rights herein sold, assigned and set over.
	and 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 more than five (\$) years or both.
LEGAL NAME OF IN	
Inventor: Surayau	VENTOR an Paramasivano Date: 6/18//8
Signature -	
Character	A Control of the angles the angles intention and in mich accommon this form
Note: An Application D	ata Sheet (PTO/SB/14 or equivalent), including naming the entire inventive entity, must accompany this form.

Attorney Docket Number 84031289; 67186-656PUSI

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United	tached application, or States application or PCT international application number filed on	
The above-identified app	lication was made or authorized to be made by me.	
I hereby state that I hav including the claims.	e 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.		
I am aware of the duty to disclose information which is material to patentability as defined in 37 C.F.R. 1.56, including for continuation-in-part applications, material information which became available between the filing date of the prior application and the national 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. 16/016,729 , Filing Date June 25, 2018 , and I hereby sell, assign and set over to the ASSIGNEE, its successors, assigns or other legal representatives, all rights of priority, including any provisional applications, in and to the inventions and discoveries in any and all countries, entities and intergovernmental organizations including all applications claiming benefit of the filing date hereof, continuations, continuations-in-part, divisionals, reexaminations and reissue applications. 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 and 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		
Inventor: <u>Rajaram S</u>	iubramanian Date: 6/15/15	
Signature: Royces	22.2. J. J. 12. 1. 1. 1. 1. 1. 1. 1. 1. 1. 1. 1. 1. 1.	
Note: An Application Data Use an additional declaration	Sheet (PTO/SB/14 or equivalent), including naming the entire inventive entity, must accompany this form. n form for each additional inventor.	

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

Title of December	SPLIT PANEL ARRA VEHICLE BATTERY F	AY PLATE ASSEM ACKS	RITES LOW ETENNING
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thereby since that I have a studied the chains	e reviewed and understand th	existents of the specificati	an in the above of the experience of
(believe that I am the m	ginal investor or an original to	mayoner of a claimed my	enters in the application.
continuation in part, appliantly application and the nation	ications, material information of or PCT international franci) which became assume late of the continuation in pa	
of the State of Delaward hereinafter referred to as interest, domestic and for of the ASSIGNEE, its suffer the inventions and damage or names, or in my ment the serial/applicat 16/016,729 ASSIGNEE its success applications in and to the including all application reexaminations and reissignees.	inaving its principal place of the ASSIGNEE, its successoring, in and to the inventions occasions, assigns or other legal coveries in any and all countrianne, at its or their election (ion number and filing date. Filing Date. June 25 ors, assigns or other legal e inventions and discoveries in a claiming benefit of the filing applications.	business at Dearborn, Cours, assigns or other legal regard discoveries in the above I representatives to make apies, emittes and intergoverna and I hereby authorize the A of the application to rece, 2018. I and I representatives, all rights of any and all countries, entitling date hereof, continuations.	on, I do sell, assign and set on uni- mized and existing by virtue of the cross any of Wayne, and fixed of Michigan presentatives, the entire right side and identified invention including the right producing and to receive I stores there, nortal organizations in its or there out SSIGNEE or ASSIGNEE suprime to ive Letters Patent herein Scriat No- hereby sell, assign and so over to the of priority including any provisional ex and intergrove minerial organizations mis, continuations-in-part, divisionals
	a language Decrees of any and the	Cante and in the successor a ASSIGNED in successor	entatives to execute any and all papers, numbers, entities and intergovernmental 5, assigns or other legal representatives
And I hereby represent as	of warrant that I have not grant	ed any rights me onsistent wi	th the rights granted herein
Thereby acknowledge that engine some set of 100 ft. LEGAL NAME OF INV	ore than the Children City	nade in this declaration is pr	unichable under IS U.S.C. 1001 by fine
Incompare Mallikani	un vestanninn V	-	Date (2.7.7.2.8.8)
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Attorney Docket Number | 84031289; 67186-656PUS1

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Title of Invention SPLIT PANEL ARRAY PLATE ASSEMBLIES FOR ELECTRIFIED VEHICLE BATTERY PACKS	3
This declaration is directed to:	
The attached application, or United States application or PCT international application number filed on	d
The above-identified application was made or authorized to be made by me.	
I hereby state that I have reviewed and understand the contents of the specification in the above-identified application including the claims.	3,
I believe that I am the original inventor or an original joint inventor of a claimed invention in the application.	
I am aware of the duty to disclose information which is material to patentability as defined in 37 C.F.R. 1.56, including for continuation-in-part applications, material information which became available between the filing date of the pricapplication and the national or PCT international filing date of the continuation-in-part application.	r r
Pursuant to my employment agreement heretofore made or by contractual obligation, I do sell, assign and set over unterpretation 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 an 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 Pater 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 insert the serial/application number and filing date of the application to receive Letters Patent herein: Serial No. 16/016,729 , Filing Date June 25, 2018), and I hereby sell, assign and set over to the ASSIGNEE, its successors, assigns or other legal representatives, all rights of priority, including any provision 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, divisional reexaminations and reissue applications.	/S in, id int int io o. ie ai
And I hereby agree for myself, my heirs, successors, assigns or other legal representatives to execute any and all paper including 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 representative may deem necessary to secure thereto the rights herein sold, assigned and set over.	ai.
And I hereby represent and 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 fit or imprisonment of not more than five (5) years or both.	1C
LEGAL NAME OF INVENTOR Inventor: Rheikers Rooklokovala Date: 06-23-2018	- T
Inventor: Bhijskara Borklakayala Date: (25 - 2018)	
Signature: 1/2 2 1/2 1/2	
X: X-	
Note: An Application Data Sheet (PTO/SB/14 or equivalent), including naming the entire inventive entity, must accompany this for	Ω.

Attorney Docket Number 84031289; 67186-656PUS1

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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/applicat 16/016,729 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, 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 eccessors, assigns or other legal representatives to make applications and to receive Letters Patent ecoveries 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.		
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LEGAL NAME OF INVI	INTOR / 10 and	
Inventor: <u>David J. P.</u> Signature:	feiffer Date: <u>6.16-20/6</u>	
	Sheet (PTO/SB/14 or equivalent), including naming the entire inventive entity, must accompany this form. form for each additional inventor.	

PATENT REEL: 046187 FRAME: 0053

RECORDED: 06/25/2018