503057693 11/12/2014

PATENT ASSIGNMENT COVER SHEET

Electronic Version v1.1 Stylesheet Version v1.2 EPAS ID: PAT3104294

| SUBMISSION TYPE: | NEW ASSIGNMENT |
|-----------------------|----------------|
| NATURE OF CONVEYANCE: | ASSIGNMENT |

CONVEYING PARTY DATA

| Name | Execution Date |
|------------------------|----------------|
| STUART SCHREIBER | 11/07/2014 |
| PATRICK DANIEL MAGUIRE | 11/10/2014 |
| RAJARAM SUBRAMANIAN | 11/05/2014 |
| EDWARD POPYK | 11/10/2014 |
| KEITH KEARNEY | 11/06/2014 |

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: | 14538956 |

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.comCorrespondent Name:TODD W. BARRETT

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

| ATTORNEY DOCKET NUMBER: | 83476439; 67186-132PUS1 |
|-------------------------|--|
| NAME OF SUBMITTER: | TODD W. BARRETT |
| SIGNATURE: | /Todd W. Barrett/ |
| DATE SIGNED: | 11/12/2014 |
| | This document serves as an Oath/Declaration (37 CFR 1.63). |

503057693 REEL: 034152 FRAME: 0732

PATENT

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

| Attorney Doc | ket Number | 83476439 |) | |
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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 LOW PROFILE BATTERY ASSEMBLY FOR ELECTRIFIED VEHICLES |
|---|
| This declaration is directed to: |
| The attached application, or United States application or PCT international application number filed on |
| 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. |
| 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. 14/538,956, Filing Date |
| 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 INVENTOR Inventor: Stuart, Schreiber, Date: Nov - 7 - 29/4 |
| Signature: MALL MALL |
| |
| Note: An Application Data Sheet (PTO/SB/14 or equivalent), including naming the entire inventive entity, must accompany this form. Use an additional declaration form for each additional inventor. |

Please direct all correspondence to:

46442

| A 44 | 83476439 |
|------------------------|----------|
| Attorney Docket Number | 03470439 |

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)

67186-132 PUS1; 83476439

| Title of Inventi | OII | LOW PROFILE BATTERY ASSEMBLY FOR ELECTRIFIED VEHICLES |
|--|--|---|
| This declaration is | s directe | ed to: |
| | | stached application, or States application or PCT international application number filed on |
| The above-identif | ied app | lication was made or authorized to be made by me. |
| I hereby state the including the claim | | e 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-pa | art 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 nal or PCT international filing date of the continuation-in-part application. |
| FORD GLOBAL of the State of D hereinafter referre interest, domestic of the ASSIGNEI for the inventions name or names, o insert the serial/ 14/538,956 ASSIGNEE, its applications, in ar including all app reexaminations an | TECHI elaware ed to as and for and dis r in my applicat success and to the dication d reiss ee for n | 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 |
| organizations, and may deem necessa | I to per ary to se | 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 repr | esent ar | nd warrant that I have not granted any rights inconsistent with the rights granted herein. |
| I hereby acknowled or imprisonment of | edge that | 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 | | |
| Inventor: Pa | trick Da | niel Maguire Date: 110/2014 |
| Signature: | | J J ff |
| Note: An Applicati | on Data | Sheet (PTO/8B/14 or equivalent), including naming the entire inventive entity, must accompany this form. |

| Attorney Docket Number | 83476439 |
|------------------------|-------------------------|
| 6 | 7186-132 PUS1: 83476439 |

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 | LOW PROFILE BATTERY ASS | SEMBLY FOR ELECTRIFIED VEHICLES |
|---|--|---|
| This declaration is directed | ed to: | |
| The att | tached application, or I States application or PCT international a | pplication number |
| The above-identified app | olication was made or authorized to be ma | de by me. |
| I hereby state that I have including the claims. | ve reviewed and understand the contents | of the specification in the above-identified application, |
| | | r of a claimed invention in the application. |
| anntinuation in part app | o disclose information which is material to olications, material information which be to pread the material of the material of the | o patentability as defined in 37 C.F.R. 1.56, including for became available between the filing date of the prior continuation-in-part application. |
| FORD GLOBAL TECH of the State of Delawarh hereinafter referred to a interest, domestic and for of the ASSIGNEE, its state of name or names, or in my insert the serial/applications and to the including all application reexaminations and reiss | inclodies, LLC, a Ford Motor Compare, having its principal place of business as the ASSIGNEE, its successors, assignmering, in and to the inventions and disconnecessors, assigns or other legal representation number and filing date of the a Filing Date 11/12/2014 sors, assigns or other legal representation number and filing date of the a priling bate 11/12/2014 sors, assigns or other legal representations and discoveries in any and one claiming benefit of the filing date sue applications. | contractual obligation, I do sell, assign and set over unto my subsidiary, organized and existing by virtue of the laws at Dearborn, County of Wayne, and State of Michigan, so or other legal representatives, the entire right, title and veries in the above-identified invention including the right statives to make applications and to receive Letters Patent and intergovernmental organizations, in its or their own by authorize the ASSIGNEE or ASSIGNEE's attorney to application to receive Letters Patent herein: Serial No. |
| including applications for | Con I meening Doctored at any and all KINNS AN | other legal representatives to execute any and all papers, d in any and all countries, entities and intergovernmental NEE, its successors, assigns or other legal representatives ned and set over. |
| And I hereby represent a | and warrant that I have not granted any rig | ghts inconsistent with the rights granted herein. |
| or imprisonment of not | more than five (5) years or both. | nis declaration is punishable under 18 U.S.C. 1001 by fine |
| LEGAL NAME OF INV | VENTOR | Date: Nov 5th, 2014 |
| Inventor: Rajaram | Subramanian / | 1.564.67 |
| | 100000 | in the still must appear this form |
| Note: An Application Da | tta Sheet (PTO/SB/14 or equivalent), includin | g naming the entire inventive entity, must accompany this form. |
| Use an additional declarati | ion form for each additional inventor. | NOTICE OF THE PROPERTY OF THE |

| Attorney Docket Number 83476439 |
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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)

67186-132 PUS1; 83476439

| Title of Inventi | on | LOW PROFILE BATTERY ASSEMBLY FOR ELECTRIFIED VEHICLES | | | |
|---|-----------|---|--|--|--|
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| This declaration i | s directe | id to: | | | |
| | The att | ached application, or States application or PCT international application number filed onfiled. | | | |
| The above-identif | fied app | lication was made or authorized to be made by me. | | | |
| I hereby state the including the clai | | e reviewed and understand the contents of the specification in the above-identified application, | | | |
| I believe that I an | the ori | ginal inventor or an original joint inventor of a claimed invention in the application. | | | |
| continuation-in-p | art ann | 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. 14/538.956 Filing Date 11/12/2014, 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 INVENTOR | | | | | |
| | dward A | | | | |
| Signature: Though A Park | | | | | |
| 20 | | | | | |
| Note: An Application Data Sheet (PTO/SB/14 or equivalent), including naming the entire inventive entity, must accompany this form. | | | | | |

RECORDED: 11/12/2014

| Attorney Docket Number | 83476439 | |
|------------------------|-----------------|---------|
| , " " | 710 C 100 B7701 | 0010100 |

67186-132 PUS1; 83476439

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)

| l'itle of Invention | LOW PROFILE BATTERY ASSEMBLY FOR ELECTRIFIED VEHICLES | | | |
|--|---|--|--|--|
| This declaration is directed to: | | | | |
| United | stached application, or States application or PCT international application number filed on | | | |
| The above-identified application 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 | 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. 14/538,956 , Filing Date 11/12/2014 , 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 an | d 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 INVI | | | | |
| Signature: Kein Kein | TA Learne | | | |
| | S' S | | | |
| Note: An Application Data Sheet (PTO/SB/14 or equivalent), including naming the entire inventive entity, must accompany this form. Use an additional declaration form for each additional inventor. | | | | |