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PATENT ASSIGNMENT COVER SHEET

Electronic Version v1.1 Stylesheet Version v1.2 EPAS ID: PAT3351348

| SUBMISSION TYPE: | | | NEW ASSIGNMENT | | | | |
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| NATURE OF CONVEYANCE: | | | ASSIGNMENT | | | | |
| CONVEYING PARTY D | ΑΤΑ | | | | | | |
| | | N | ame | | Execution Date | | |
| CATHLEEN TISTLE | | | | 05/04/2015 | | | |
| MARK EIFERT | | | | | 05/06/2015 | | |
| CHRISTOPHER SEMA | NSON | | | | 05/01/2015 | | |
| RECEIVING PARTY D | ΑΤΑ | | | | | | |
| Name: | FORD | GLOBA | AL TECHNOLOGIES, LLC | | | | |
| Street Address: | 330 TO | WN CE | ENTER DRIVE | | | | |
| Internal Address: | SUITE | 800 | | | | | |
| City: | DEARB | BORN | | | | | |
| State/Country: | MICHIG | GAN | | | | | |
| Postal Code: | 48126 | | | | | | |
| Property Type | | | Number | | | | |
| | | 147100 | | _ | | | |
| Property Type Application Number: | | 147109 | | | | | |
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| Application Number: CORRESPONDENCE I Fax Number: <i>Correspondence will b</i> <i>using a fax number, if</i> Phone: Email: Correspondent Name: Address Line 1: Address Line 2: Address Line 4: ATTORNEY DOCKET N | DATA be sent to provided UMBER: | <i>the e-</i> <i>i; if tha</i> 313-52 docket BEJIN 300 RI 300 RI SUITE DETRO | mail address first; if that is a t is unsuccessful, it will be 8-4882 @bvbip.com BIENEMAN PLC FORD GLO VER PLACE 1650 DIT, MICHIGAN 48207 33522351(65080-1585) | sent via l | US Mail. | | |
| Application Number: CORRESPONDENCE I Fax Number: <i>Correspondence will b</i> <i>using a fax number, if</i> Phone: Email: Correspondent Name: Address Line 1: Address Line 2: Address Line 4: ATTORNEY DOCKET N NAME OF SUBMITTER: | DATA be sent to provided UMBER: | <i>o the e-</i> <i>1; if tha</i> 313-52 docket BEJIN 300 RI 300 RI SUITE DETRO | mail address first; if that is a t is unsuccessful, it will be 8-4882 @bvbip.com BIENEMAN PLC FORD GLO VER PLACE 1650 DIT, MICHIGAN 48207 33522351(65080-1585) CHARLES A. BIENEMAN | sent via l | US Mail. | | |
| Application Number: CORRESPONDENCE I Fax Number: <i>Correspondence will b</i> <i>using a fax number, if</i> Phone: Email: Correspondent Name: Address Line 1: Address Line 2: Address Line 4: ATTORNEY DOCKET N NAME OF SUBMITTER: SIGNATURE: | DATA be sent to provided UMBER: | <i>b the e-</i> <i>I; if tha</i> 313-52 docket BEJIN 300 RI 300 RI SUITE DETRO | mail address first; if that is t is unsuccessful, it will be 8-4882 @bvbip.com BIENEMAN PLC FORD GLO VER PLACE 1650 DIT, MICHIGAN 48207 33522351(65080-1585) CHARLES A. BIENEMAN Charles A. Bieneman/ | BAL TEC | US Mail. HNOLOG | | |

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PATENT REEL: 035628 FRAME: 0100

Attorney Docket Number 83522351(65080-1585)

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 | MAINTAINING A VEHICLE BATTERY |
|--|--|
| This declaration is direct | Led to: |
| United United | tached application, or I States application or PCT international application number filed on, |
| The above-identified app | plication was made or authorized to be made by me. |
| I hereby state that I has including 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 olications, material information which became available between the filing date of the prior nal or PCT international filing date of the continuation-in-part application. |
| PORD GLOBAL TECH of the State of Delawar hereinafter referred to a interest, domestic and fo of the ASSIGNEE, its s for the inventions and di name or names, or in my insert the serial/applica | ment 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, s the ASSIGNEE, its successors, assigns or other legal representatives, the entire right, title and oreign, in and to the inventions and discoveries in the above-identified invention including the right uccessors, assigns or other legal representatives to make applications and to receive Letters Patent iscoveries in any and all countries, entities and intergovernmental organizations, in its or their own y name, at its or their election (and I hereby authorize the ASSIGNEE or ASSIGNEE's attorney to tion 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 rform 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 I hereby represent a | nd warrant that I have not granted any rights inconsistent with the rights granted herein. |
| | hat any willful false statement made in this declaration is punishable under 18 U.S.C. 1001 by fine nore than five (5) years or both. |
| LEGAL NAME OF INV | TENTOR COLUMN |
| Inventor: <u>Cathleen</u> | <u>Tistle</u> Date: <u>21912035</u> |
| Signature: | <u> 28 Au - Usska</u> |
| Notsi An Annfiesticin Dei | a Sheet (PTO/SB/14 or equivalent), including naming the entire inventive entity, most accompany this form. |
| | on form for each additional inventor. |

PATENT REEL: 035628 FRAME: 0101 Astorney Docket Number 83522351(68080-1585)

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 MAINTAINING A VEHICLE BATTERY

This declaration is directed to:

X

The attached application, or United States application or PCT international application number filed on

The above-identified application was made or authorized to be inade 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 claimod invention in the application.

Lam 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, insterial information which became available between the filing date of the prior application and the national of PCT international filing date of the continuation-in-part application.

And I horeby agree for myself, my heirs, successors, assigns or other legal representatives to execute any and all papers, inclusing applications for Letters. Patent of any and all kinds and in any and all countries, entities and intergoveromental 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 hareby represent and warrant that I have not granted any rights inconsistent with the rights granted herein.

I hareby acknowledge that any willful false statement made in this declaration is punishable under 18 U.S.C. 1001 by fine or immissionerit of ass arere than five (5) years or both.

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| Invenior. | Mark Effect | Date; | - Martina | |
| Signature: | | | | |
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| Note: 35 Ap | mlicinion Data Shoet (PTD)/SB/14 or Stativulanti, instauling heming the | entire bive | mine entity, must de | céannach this barit. |

Note: All Application Data Short (PTO/SB/)4 or equivalent, instailing huming the entire inventive entity, must secondary this form. The an additional declaration form for each additional inventor.

> PATENT REEL: 035628 FRAME: 0102

Please direct all correspondence to: 113140

Attorney Docket Number 83522351(65080-1585)

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

MAINTAINING A VEHICLE BATTERY

This declaration is directed to:

The attached application, or

United States application or PCT international application number

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.

filed on

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.

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.

C. And the second s

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.

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| inin ha se | A | ful | and the second | | | | | | e te plantit di | | |
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Note: An Application Data Sheet (PTO/SB/14 or equivalent), including naming the entire inventive entity, must accompany this form. Jse an additional declaration form for each additional inventor.

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RECORDED: 05/13/2015