PATENT ASSIGNMENT COVER SHEET

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EPAS ID: PAT3715035

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

CONVEYING PARTY DATA

| Name | Execution Date |
|------------------------|----------------|
| MICHAEL BRETT SOVINE | 12/07/2015 |
| ERIN GIBB | 12/07/2015 |
| ROBERT EUGENE OTTERMAN | 12/07/2015 |

RECEIVING PARTY DATA

| Name: | FORD GLOBAL TECHNOLOGIES, LLC |
|-------------------|-------------------------------|
| Street Address: | 330 TOWN CENTER DRIVE |
| Internal Address: | SUITE 800 |
| City: | DEARBORN |
| State/Country: | MICHIGAN |
| Postal Code: | 48126 |

PROPERTY NUMBERS Total: 1

| Property Type | Number |
|---------------------|----------|
| Application Number: | 14978093 |

CORRESPONDENCE DATA

Fax Number: (859)252-0779

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.

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ford@iplaw1.net Email:

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247 NORTH BROADWAY Address Line 1:

Address Line 4: LEXINGTON, KENTUCKY 40507

| ATTORNEY DOCKET NUMBER: | 83605620 |
|-------------------------|--|
| NAME OF SUBMITTER: | WARREN D. SCHLICKLI |
| SIGNATURE: | /Warren D. Schlickli/ |
| DATE SIGNED: | 01/28/2016 |
| | This document serves as an Oath/Declaration (37 CFR 1.63). |

Total Attachments: 3

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source=Assignment#page3.tif

| Attorney Docket Number | PORNECON | |
|------------------------|----------|--|
| Anothey Docker Manuel | 83000020 | |

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)

| litte of Inventi | ON CHARGE AIR COOLER SHROUD WITH ACCESS PANEL |
|---|--|
| This declaration i | s directed to: |
| | The attached application, or United States application or PCT international application number |
| The above-identit | ied application was made or authorized to be made by me. |
| I hereby state the including the clai | 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 | 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 e national or PCT international filing date of the continuation-in-part application. |
| FORD GLOBAL of the State of D hereinafter referrinterest, domestic of the ASSIGNE for the inventions name or names, coinsert the serial/ 14/978,093 ASSIGNEE, its applications, in an including all appreexaminations are And I hereby agrincluding applica | mployment 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 elaware, having its principal place of business at Dearborn, County of Wayne, and State of Michigan, ed 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 is 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 owner 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 — December 22, 2015 —), 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 offications claiming benefit of the filing date hereof, continuations, continuations-in-part, divisionals, and reissue applications. The provisional all papers are for myself, my heirs, successors, assigns or other legal representatives to execute any and all papers, tions for Letters Patent of any and all kinds and in any and all countries, entities and intergovernmental to perform any and all acts which the ASSIGNEE, its successors, assigns or other legal representatives |
| may deem necess | ary to secure thereto the rights herein sold, assigned and set over. |
| And I hereby repr | esent and warrant that I have not granted any rights inconsistent with the rights granted herein. |
| | edge 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 O | |
| Inventor; M | ichael Brett Sovine Date: 12/01/13 |
| Signature: | |
| | ion Data Sheet (PTO/SB/14 or equivalent), including naming the entire inventive entity, must accompany this form. |

| The state of the s | | | |
|--|----------|----------|--|
| Attorney Docke | t Number | 83605620 | |

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)

| ine of invention | Change air Cooler Shroud With Access Panel | | |
|--|--|--|--|
| This declaration is directed to: | | | |
| | States application or PCT international application number filed on | | |
| The above-identified appl | lication was made or authorized to be made by me. | | |
| I hereby state that I have including the claims. | e reviewed and understand the contents of the specification in the above-identified application, | | |
| I believe that I am the orig | ginal inventor or an original joint inventor of a claimed invention in the application. | | |
| continuation-in-part appl | 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 all or PCT international filing date of the continuation-in-part application. | | |
| FORD GLOBAL TECHN of the State of Delaware, hereinafter referred to as interest, domestic and for of the ASSIGNEE, its sucfor the inventions and discussed in the serial/application of the serial o | 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 excessors, assigns or other legal representatives to make applications and to receive Letters Patent exoveries 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. | | | |
| And I hereby represent and | d warrant that I have not granted any rights inconsistent with the rights granted herein. | | |
| or imprisonment of not mo | t 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 OF INVE Inventor: <u>Erin Gibb</u> | :NTOR Date: 12,03-2015 | | |
| Signature: | | | |
| Note: An Application Data : Use an additional declaration | Sheet (PTO/SB/14 or equivalent), including naming the entire inventive entity, must accompany this form, form for each additional inventor. | | |

| Attorney Docket Nur | mber 83605620 | |
|---------------------|-----------------|--|
| | | |

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 | CHARGE AIR COOLER SHROUD WITH ACCESS PANEL | |
|--|---|--|
| This declaration is directe | ed to: | |
| United | ached 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 ori | ginal 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 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. 14/978,093 | | |
| 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 a | nd 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 nore than five (5) years or both. | |
| LEGAL NAME OF INV | ENTOR | |
| Inventor: Robert E | igene Otterman Date: <u>Occashi 7, 2015</u> | |
| Signature: | | |
| | | |
| | a Sheat (PTO/SB/14 or equivalent), including naming the entire inventive entity, must accompany this form. In form for each additional inventor. | |

PATENT REEL: 037606 FRAME: 0931

RECORDED: 01/28/2016