504457165 07/14/2017

PATENT ASSIGNMENT COVER SHEET

Electronic Version v1.1 Stylesheet Version v1.2 EPAS ID: PAT4503866

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

CONVEYING PARTY DATA

| Name | Execution Date |
|-------------------|----------------|
| VINCE LESLIE SHAW | 07/09/2017 |
| TORSTEN GERHARDT | 07/14/2017 |
| ROBERT SPAHL | 07/07/2017 |
| DAVID BURRAGE | 06/27/2017 |

RECEIVING PARTY DATA

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

PROPERTY NUMBERS Total: 1

| Property Type | Number |
|---------------------|----------|
| Application Number: | 15649933 |

CORRESPONDENCE DATA

Fax Number: (616)957-8196

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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Email: ptomail@priceheneveld.com

Correspondent Name: KEVIN T. GRZELAK/PRICE HENEVELD LLP

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Address Line 4: GRAND RAPIDS, MICHIGAN 49501-2567

| ATTORNEY DOCKET NUMBER: | 83845750 | |
|-------------------------|--|--|
| NAME OF SUBMITTER: | KEVIN T. GRZELAK | |
| SIGNATURE: | /Kevin T. Grzelak/ | |
| DATE SIGNED: | 07/14/2017 | |
| | This document serves as an Oath/Declaration (37 CFR 1.63). | |

PATENT 504457165 REEL: 043006 FRAME: 0318

Total Attachments: 4 source=1CA0808#page1.tif source=1CA0808#page2.tif source=1CA0808#page3.tif source=1CA0808#page4.tif

| Attorney Docket Number 83 | 3845750 |
|---------------------------|---------|

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 | A MOTOR VEHICLE AND A DOOR HINGE MECHANISM THEREFOR |
|---|---|
| This declaration is directe | ed to: |
| The att United number into this form wh | ached application, or States application or PCT international application number filed on (I hereby authorize the insertion of the application filing date and en they become known.) |
| The above-identified appl | 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 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 hal or PCT international filing date of the continuation-in-part application. |
| FORD GLOBAL TECHY of the State of Delaware hereinafter referred to as interest, domestic and for of the ASSIGNEE, its su for the inventions and dis name or names, or in my insert the serial/applicat | 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 a having its principal place of business at Dearborn, County of Wayne, and State of Michigan, at the ASSIGNEE, its successors, assigns or other legal representatives, the entire right, title and reign, in and to the inventions and discoveries in the above-identified invention including the right accessors, assigns or other legal representatives to make applications and to receive Letters Patent acoveries 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., Filing Date |
| applications, in and to th | ors, assigns or other legal representatives, all rights of priority, including any provisional e inventions and discoveries in any and all countries, entities and intergovernmental organizations is claiming benefit of the filing date hereof, continuations, continuations-in-part, divisionals, is applications. |
| including applications fo organizations, and to per | 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 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 represent ar | 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 | |
| Inventor: Vince Les | slie Shaw Date: |
| Signature: | tan |
| | Sheet (PTO/SB/14 or equivalent), including naming the entire inventive entity, must accompany this form. In form for each additional inventor. |

| Attorney Docket Number | 83845750 |
|------------------------|----------|

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)

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| This declaration is direct | ed to: |
| | States application, or States application or PCT international application number filed on (I hereby authorize the insertion of the application filing date and nen they become known.) |
| The above-identified app | lication 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 or | 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 and or PCT international filing date of the continuation-in-part application. |
| FORD GLOBAL TECH. of the State of Delawar, hereinafter referred to a interest, domestic and fo of the ASSIGNEE, its st for the inventions and di name or names, or in my insert the serial/applica ASSIGNEE, its success applications, in and to th including all application reexaminations and reiss And I hereby agree for | myself, my heirs, successors, assigns or other legal representatives to execute any and all papers, |
| organizations, and to per may deem necessary to s | or Letters Patent of any and all kinds and in any and all countries, entities and intergovernmental aform any and all acts which the ASSIGNEE, its successors, assigns or other legal representatives becure thereto the rights herein sold, assigned and set over. |
| * | nd warrant that I have not granted any rights inconsistent with the rights granted herein. |
| | nat any willful false statement made in this declaration is punishable under 18 U.S.C. 1001 by fine more than five (5) years or both. |
| LEGAL NAME OF INV | |
| Inventor: <u>Torsten C</u> | Baic. 1.1 |
| Signature: | HIT K |
| Note: An Application Dat | a Sheet (PTO/SB/14 or equivalent), including naming the entire inventive entity, must accompany this form. |

| Attorney Docket Number | 83845750 |
|------------------------|----------|

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 | A MOTOR VEHICLE AND A DOOR HINGE MECHANISM THEREFOR | |
|---|--|--|
| This declaration is direct | ed to: | |
| United | tached application, or I States application or PCT international application number filed on (I hereby authorize the insertion of the application filing date and nen they become known.) | |
| The above-identified app | olication was made or authorized to be made by me. | |
| I hereby state that I havincluding the claims. | we 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 disclose, material information which became available between the filing date of the prior and or PCT international filing date of the continuation-in-part application. | |
| FORD GLOBAL TECH of the State of Delawar hereinafter referred to a interest, domestic and fo of the ASSIGNEE, its si for the inventions and di name or names, or in my insert the serial/applica ASSIGNEE, its succes applications, in and to th including all applicatio reexaminations and reiss And I hereby agree for | 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, is the ASSIGNEE, its successors, assigns or other legal representatives, the entire right, title and reign, in and to the inventions and discoveries in the above-identified invention including the right accessors, assigns or other legal representatives to make applications and to receive Letters Patent scoveries in any and all countries, entities and intergovernmental organizations, in its or their own and an another in the application to receive Letters Patent herein: Serial No. ——————————————————————————————————— | |
| 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 more than five (5) years or both. | |
| LEGAL NAME OF INV | ENTOR 7/1/2 | |
| Inventor: Robert S | Date: 7.2 Lby 2017 | |
| Signature: | KH Jack | |
| | - PL ()TO (!D.1.1 | |
| | a Sheet (PTO/SB/14 or equivalent), including naming the entire inventive entity, must accompany this form, on form for each additional inventor. | |

RECORDED: 07/14/2017

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| A six normany a Daniel Lank Miramalana | 83845750 | ì. |
| Attorney Docket Number | 0.3043730 | ŀ |
| | | 8 |

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 | A MOTOR VEHICLE AND A DOOR HINGE MECHANISM THEREFOR |
|--|--|
| 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 or | iginal 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, 1 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. | |
| 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 | TENTOR Date: 27 June 2017 |
| Inventor: David Bu | rrage Date: 27 June 2017 |
| Signature: DT | Burrge |
| Note: An Application Data Sheet (PTO/SB/14 or equivalent), including naming the entire inventive entity, must accompany this form. | |
| Il se an additional declaration | u form for each additional inventor |