504603017 10/20/2017

PATENT ASSIGNMENT COVER SHEET

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Stylesheet Version v1.2

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

CONVEYING PARTY DATA

| Name | Execution Date |
|-------------------|----------------|
| WILLIAM S. GULKER | 10/16/2017 |
| JOSHUA WHEELER | 06/16/2017 |

RECEIVING PARTY DATA

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PROPERTY NUMBERS Total: 1

| Property Type | Number |
|---------------------|----------|
| Application Number: | 15784434 |

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| ATTORNEY DOCKET NUMBER: | 83878116 (026780-8909) |
|-------------------------|------------------------|
| NAME OF SUBMITTER: | JAMES P. MURAFF |
| SIGNATURE: | /JAMES P. MURAFF/ |
| DATE SIGNED: | 10/20/2017 |

Total Attachments: 2

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Attorney Docket Number 83878116 (026786-8909)

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 SYSTEMS AND METHODS FOR MITIGATING OPEN VEHICLE WINDOW THROB |
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| I Sits Charleston is directed to: |
| The strached application, or United States application or PCT international application number (lited on (I hereby authorize the insertion of the application filling date and number into the form when they become known) |
| The attornesident fled application was made or authorized to be smade by me. |
| I bereby 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 we aware of the day to disclose information which is noticed to paleonability as defined in 37 C.F.R. 1.56, including for continuation-in-part applications, material information which became statistic between the filling date of the prior application and the noticeal or PCT international filling date of the combination-in-part application. |
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PATENT REEL: 043909 FRAME: 0395

RECORDED: 10/20/2017

| Attorney Docket Number | 83878116 (026780-8909) |
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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 | SYSTEMS AND METHODS FOR MITIGATING OPEN VEHICLE WINDOW THROB | | | | | | | | | |
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| This declaration is direct | ~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~ | | | | | | | | | |
| United | ached application, or States application or PCT international application number | | | | | | | | | |
| The above identified ann | 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 ori | ginal inventor or an original joint inventor of a claimed invention in the application. | | | | | | | | | |
| continuation-in-part app | 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. | | | | | | | | | |
| FORD GLOBAL TECHT of the State of Delaware hereinafter referred to as interest, domestic and for of the ASSIGNEE, its sufor the inventions and diname or names, or in my insert the serial/applications. ASSIGNEE, its success applications, in and to the including all application reexaminations and reisse. And I hereby agree for a including applications for organizations, and to per | NOLOGIES, LLC, a Ford Motor Company subsidiary, organized and existing by virtue of the laws to 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 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 accoveries 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 the innumber and filing date of the application to receive Letters Patent herein; Serial No., Filing Date | | | | | | | | | |
| 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: <u>Joshua W</u> | | | | | | | | | | |
| Signature: | | | | | | | | | | |
| | a Sheer (PTO/SB/14 or equivalent), including naming the entire inventive entity, must accompany this form, in form for each additional inventor. | | | | | | | | | |

PATENT REEL: 043909 FRAME: 0396