PATENT ASSIGNMENT COVER SHEET

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

CONVEYING PARTY DATA

| Name | Execution Date |
|--------------------|----------------|
| JOHANN KIRCHHOFFER | 02/07/2017 |

RECEIVING PARTY DATA

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PROPERTY NUMBERS Total: 1

| Property Type | Number |
|---------------------|----------|
| Application Number: | 15433911 |

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| ATTORNEY DOCKET NUMBER: | 83771146 |
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| NAME OF SUBMITTER: | REID A. BALDWIN |
| SIGNATURE: | /Reid A. Baldwin/ |
| DATE SIGNED: | 02/17/2017 |

Total Attachments: 1

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PATENT 504233682 REEL: 041286 FRAME: 0366

Please direct all correspondence to: 28395

| | | | |
|-----------------|--------|----------|------|
| Attorney Docket | Number | 83771146 | |
| | | | |

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 | DUAL CLUTCH TRANSMISSION FOR MOTOR VEHICLES |
|--|--|
| This declaration is direct | ed to: |
| United | tached application, or States application or PCT international application number filed on (I hereby authorize the insertion of the application filing date and then they become known.) |
| 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 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. | |
| FORD GLOBAL TECH of the State of Delaward hereinafter referred to a interest, domestic and fo of the ASSIGNEE, its suffer the inventions and diname or names, or in my insert the serial/applica 15/433,911 ASSIGNEE, its success applications, in and to the including all application reexaminations and reiss. And I hereby agree for including applications for including appl | 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 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 of name, at its or their election (and I hereby authorize the ASSIGNEE or ASSIGNEE's attorney to the tion number and filing date of the application to receive Letters Patent herein: Serial No. ——————————————————————————————————— |
| 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 | |
| Inventor: <u>Johann k</u> Signature: | Circhhoffer Date: OF OE, EUNF |
| oignature. | 45 444 |
| | a Sheet (PTO/SB/14 or equivalent), including naming the entire inventive entity, must accompany this form. |

PATENT REEL: 041286 FRAME: 0367

RECORDED: 02/17/2017