505411783 04/04/2019

PATENT ASSIGNMENT COVER SHEET

Electronic Version v1.1 Stylesheet Version v1.2

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

CONVEYING PARTY DATA

| Name | Execution Date |
|------------------------|----------------|
| STUART SALTER | 02/24/2019 |
| ROSS DYKSTRA PURSIFULL | 03/15/2019 |
| PAUL KENNETH DELLOCK | 02/21/2019 |
| DAVID BRIAN GLICKMAN | 02/25/2019 |
| WILLIAM TAYLOR | 03/28/2019 |

RECEIVING PARTY DATA

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

PROPERTY NUMBERS Total: 1

| Property Type | Number |
|---------------------|----------|
| Application Number: | 16375291 |

CORRESPONDENCE DATA

Fax Number: (971)271-8021

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.

971-271-8020 Phone: Email: Tapia@mccrus.com MCCOY RUSSELL LLP **Correspondent Name:**

Address Line 1: 806 S.W. BROADWAY, SUITE 600 Address Line 4: PORTLAND, OREGON 97205

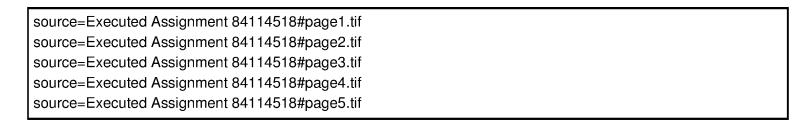
| ATTORNEY DOCKET NUMBER: | 84114518 |
|-------------------------|-------------------|
| NAME OF SUBMITTER: | ASHLEY R. TAPIA |
| SIGNATURE: | /Ashley R. Tapia/ |
| DATE SIGNED: | 04/04/2019 |

Total Attachments: 5

PATENT REEL: 048796 FRAME: 0285

EPAS ID: PAT5458573

505411783



| Attorney Docket Number | COMMENT ACTO |
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| litic of invention | METHOD FOR AUXILIARY LOAD CONTROL | |
|---|--|--|
| This declaration is directed to: | | |
| United | ached application, or States application or PCT international application number | |
| 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. | |
| 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, 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. 16/375,291 Filing Date April 4, 2019 ASSIGNEE, its successors, assigns or other legal representatives, all rights of priority, including any provisional applications, in and to the inventions and discoveries in any and all countries, entities and intergovernmental organizations including all applications claiming benefit of the filing date hereof, continuations, continuations-in-part, divisionals, reexaminations and reissue applications. 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 INVI | ENTOR 1 7/2/1/2010 | |
| Inventor: <u>Stuart Salt</u> | er 1 Date: 9 29 6017 | |
| Signature: | | |
| | Sheet (PTO/SB/14 or equivalent), including naming the entire inventive entity, must accompany this form, | |

| Title of Invention | METHOD FOR AUXILIARY LOAD CONTROL | |
|--|---|--|
| This declaration is directed | ed to: | |
| The attached application, or United States application or PCT international application number filed on (I hereby authorize the insertion of the application filing date and number into this form when they become known.) | | |
| 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 ori | ginal inventor or an original joint inventor of a claimed invention in the application. | |
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| 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 | ENTOR / / Marin 7019 | |
| Inventor: Ross Dyk | stra Pursifull Date: 10 18/18/18/19 1 | |
| Signature: | | |
| Note: An Application Data Sheet (PTO/SB/14 or equivalent), including naming the entire inventive entity, must accompany this form. Use an additional declaration form for each additional inventor. | | |

PATENT

REEL: 048796 FRAME: 0288

| Attorney Docket Number | 84114518 |
|------------------------|----------|

| Title of Invention | METHOD FOR AUXILIARY LOAD CONTROL | |
|--|---|--|
| This declaration is directed | ed to: | |
| The attached application, or United States application or PCT international application number | | |
| The above-identified app | lication was made or authorized to be made by me. | |
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| 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 INVENTOR | | |
| Inventor: Paul Kenneth Dellock Date: | | |
| Signature: Lukeria Lukeria | | |
| * * | Sheet (PTO/SB/14 or equivalent), including naming the entire inventive entity, must accompany this form. n form for each additional inventor. | |

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| Attorney Docket Number | Contract to the contract |
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| litie of invention | METHOD FOR AUXILIARY LOAD CONTROL | |
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| This declaration is directed to: | | |
| The attached application, or United States application or PCT international application number filed on (I bereby authorize the insertion of the application filing date and number into this form when they become known) | | |
| The above-identified application was made or authorized to be made by me. | | |
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| 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 | | |
| Investor: <u>David Bo</u> | Date: 02/25/2019 | |
| Signatur: | | |
| Note: An Application Data Sheet (PTO/SB/14 or equivalent), including naming the entire inventive entity, must accompany this form. | | |
| | s daees (p.100014 or equivalent), noculing naming the entre inventive entry, nam accompany inis form. In form for each additional inventor. | |

RECORDED: 04/04/2019

| Control of the Contro | |
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| Attorney Docket Number | 84114518 |

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 | METHOD FOR AUXILIARY LOAD CONTROL | |
|--|---|--|
| This declaration is directed to: | | |
| The attached application, or United States application or PCT international application number filed on (I hereby authorize the insertion of the application filing date and number into this form when they become known.) | | |
| The above-identified application was made or authorized to be made by me. | | |
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| 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 Inventor: William T | | |
| | two Toylor | |
| , - | | |
| | a Sheet (PTO/SB/14 or equivalent), including naming the entire inventive entity, must accompany this form. n form for each additional inventor. | |