05/01/2018 504894291

PATENT ASSIGNMENT COVER SHEET

Electronic Version v1.1 Stylesheet Version v1.2 EPAS ID: PAT4941034

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

CONVEYING PARTY DATA

| Name | Execution Date |
|-------------------------|----------------|
| ANNA MILLER HILL | 04/26/2018 |
| BRIAN ROBERT SPAHN | 04/27/2018 |
| PAUL ALAN FORGETTE | 04/27/2018 |
| JEFFREY CHARLES PADDOCK | 04/30/2018 |
| BENJAMIN YILMA | 04/26/2018 |
| ROBERT RALPH ARMITAGE | 04/30/2018 |

RECEIVING PARTY DATA

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

PROPERTY NUMBERS Total: 1

| Property Type | Number |
|---------------------|----------|
| Application Number: | 15968175 |

CORRESPONDENCE DATA

Fax Number: (313)528-6923

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.

Phone: 313-528-4882

docket@b2iplaw.com, boatman@b2iplaw.com Email:

BEJIN BIENEMAN PLC FORD GLOBAL TECHNOLOG **Correspondent Name:**

2000 TOWN CENTER Address Line 1:

Address Line 2: SUITE 800

Address Line 4: SOUTHFIELD, MICHIGAN 48075

| ATTORNEY DOCKET NUMBER: | 83960536(65080-2870) |
|-------------------------|--|
| NAME OF SUBMITTER: | CHRISTOPHER M. FRANCIS |
| SIGNATURE: | /CHRISTOPHER M. FRANCIS/ |
| DATE SIGNED: | 05/01/2018 |
| | This document serves as an Oath/Declaration (37 CFR 1.63). |

PAIENI

REEL: 045684 FRAME: 0272

Total Attachments: 6

source=83960536_65080_2870_Combined_Declaration_and_Assignment_signed_by_all_6_inventors#page1.tif source=83960536_65080_2870_Combined_Declaration_and_Assignment_signed_by_all_6_inventors#page2.tif source=83960536_65080_2870_Combined_Declaration_and_Assignment_signed_by_all_6_inventors#page3.tif source=83960536_65080_2870_Combined_Declaration_and_Assignment_signed_by_all_6_inventors#page4.tif source=83960536_65080_2870_Combined_Declaration_and_Assignment_signed_by_all_6_inventors#page5.tif source=83960536_65080_2870_Combined_Declaration_and_Assignment_signed_by_all_6_inventors#page5.tif source=83960536_65080_2870_Combined_Declaration_and_Assignment_signed_by_all_6_inventors#page6.tif

| | , |
|------------------------|----------------------|
| Attorney Docket Number | 83960536(65080-2870) |

| Title of Invention | VEHICLE AIRBAG |
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| This declaration is directed | d to: |
| United | ached application, or States application or PCT international application number filed on |
| The above-identified appl | fication 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 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 ications, 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 TECHY of the State of Delaware hereinafter referred to as interest, domestic and for of the ASSIGNEE, its su for the inventions and disname or names, or in my insert the serial/applicated 15/968,175 ASSIGNEE, its success applications, in and to the including all application reexaminations and reisst | |
| 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 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 ore than five (5) years or both. |
| LEGAL NAME OF INVI | |
| Inventor: Anna Mill Signature: 22 | - 7/2/le 1/2/l |
| Note: An Application Data | 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 | 83960536(65080-2870) |
|------------------------|----------------------|

| Title of Invention | VEHICLE AIRBAG | |
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| This declaration is directe | 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 app | lication 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. | |
| 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. 15/968,175 | | |
| 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 Inventor: Brian Rol | | |
| Inventor: Brian Robert Spahn Date: 7/2/6 | | |
| | a Sheet (PTO/SB/14 or equivalent), including naming the entire inventive entity, must accompany this form. on form for each additional inventor. | |

| Title of Invention | VEHICLE AIRBAG | |
|--|---|--|
| This declaration is directed | d to: | |
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| The above-identified appl | ication 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. | | |
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| 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. 15/968,175 , Filing Date | | |
| 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 an | d 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 ore than five (5) years or both. | |
| LEGAL NAME OF INVI | 2.30 0 0 2 2 3 2 3 2 3 2 3 2 3 2 3 2 3 2 3 | |
| Inventor: Paul Alan Signature: CAM | Date: TIFT/BUCS | |
| | <i>d</i> | |
| | Sheet (PTO/SB/14 or equivalent), including naming the entire inventive entity, must accompany this form, a form for each additional inventor. | |

| Attorney Docket Number | 83960536(65080-2870) |
|------------------------|----------------------|

| Title of Invention | VEHICLE AIRBAG | | | | |
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| This declaration is directed | d to: | | | | |
| | 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 | ication was made or authorized to be made by me. | | | | |
| I hereby state that I have including the claims. | 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 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. 15/968,175 , Filing Date | | | | | |
| 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 an | d 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 | but / m . / n . n | | | | |
| Inventor: <u>Jeffrey Cha</u> Signature: <u>Jeffrey Cha</u> | Se Chenher Carldock Date: 1/30/2018 | | | | |
| /// | | | | | |
| Note: An Application Data Use an additional declaration | Sheet (PTO/SB/14 or equivalent), including naming the entire inventive entity, must accompany this form. In form for each additional inventor. | | | | |

| Attornev Docket Number 83960536(65080-2870 |
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| i itie of invention | VEHICLE AIRBAG | | | |
|---|--|--|--|--|
| This declaration is directed to: | | | | |
| United | 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 | ication 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, | | | |
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| continuation-in-part appl | disclose information which is material to patentability as defined in 37 C.F.R. 1.56, including for ications, material information which became available between the filing date of the prior all 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. 15/968,175, Filing Date | | | | |
| 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 ar | d warrant that I have not granted any rights inconsistent with the rights granted herein. | | | |
| or imprisonment of not m | at 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 INVI Inventor: <u>Benjamin</u> | | | | |
| Signature: | Benja Yelma | | | |
| | Sheet (PTO/SB/14 or equivalent), including naming the entire inventive entity, must accompany this form. In form for each additional inventor. | | | |

Please direct all correspondence to: 113140

RECORDED: 05/01/2018

| Attorney Docket Nu | mber 83960536(6 | |
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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 | VEHICLE AIRBAG | | |
|--|---|--|---|
| | CANCELLE MECHANICA | Para de la companya d | |
| This declaration is directed | ed (o): | | |
| The att United | ached application, or States application or PCT international application number of the control | per isertion of the applicati | on filing date and |
| | | | |
| The above-identified appl | ication was made or authorized to be made by me. | reta Nevicado | |
| I hereby state that I have including the claims. | e reviewed and understand the contents of the specific | ation in the above-ider | tified application, |
| I believe that I am the orig | ginal inventor or an original joint inventor of a claimed in | vention in the application | on. |
| community in part appar | disclose information which is material to patentability a cations, material information which became available of the continuation-in- | A batters and the man | .56, including for date of the prior |
| of the State of Delaware, hereinafter referred to as interest, domestic and fore of the ASSIGNEE, its suctor the inventions and discussion or names, or in my referred to the serial/application 15/968,175 ASSIGNEE, its successor applications, in and to the including all applications eexaminations and reissue. | rself, my heirs, successors, assigns or other legal rappar | ganized and existing by unity of Wayne, and S representatives, the enti- e-identified invention in applications and to receimental organizations, i ASSIGNEE or ASSIGNEE or ASSIGNEE or Letters Patent he I hereby sell, assign an of priority, including ties and intergovernmentions, continuations-in- | virtue of the laws tate of Michigan, re right, title and ocluding the right we Letters Patent its or their own NEE's attorney to trein: Serial No. d set over to the any provisional tal organizations part, divisionals, |
| rganizations, and to perfo | rm any and all acts which the ASSIGNEE, its successoure thereto the rights herein sold, assigned and set over. | ountries, entities and ir rs, assigns or other lega | tergovernmental I representatives |
| and I hereby represent and | warrant that I have not granted any rights inconsistent w | ith the rights granted he | rein. |
| hereby acknowledge that r imprisonment of not mor EGAL NAME OF INVEN | any willful false statement made in this declaration is pethan five (5) years or both. | unishable under 18 U.S | C. 1001 by fine. |
| iventor: Robert Ralpl | | e: APRIZO | 2014 |
| ignature: | | | |
| ote: An Application Data St | neet (PTO/SB/14 or equivalent), including naming the entire i | hyentive entity, must acco | mpany this form |
| oc an additional declaration fo | orm for each additional inventor. | | |

PATENT

REEL: 045684 FRAME: 0279