PATENT ASSIGNMENT COVER SHEET

Electronic Version v1.1 Stylesheet Version v1.2

Version v1.1 EPAS ID: PAT4899373

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

CONVEYING PARTY DATA

| Name | Execution Date |
|---|----------------|
| CRISTIANO GRINGS HERBERT | 04/03/2018 |
| CRISTIANE CARLA GONCALVES | 04/03/2018 |
| RODRIGO DENIZARTE DE OLIVEIRA POLKOWSKI | 04/03/2018 |
| ANGELO NOGUEIRA AGUIAR | 04/03/2018 |

RECEIVING PARTY DATA

| Name: | FORD MOTOR COMPANY BRASIL LTDA |
|-------------------|--------------------------------|
| Street Address: | AVENIDA DO TABOAO, 899 |
| Internal Address: | BAIRRO RUDGE RAMOS |
| City: | SAO BERNARDO DO CAMPO |
| State/Country: | BRAZIL |
| Postal Code: | SP 09655-900 |

PROPERTY NUMBERS Total: 1

| Property Type | Number |
|---------------------|----------|
| Application Number: | 15945218 |

CORRESPONDENCE DATA

Fax Number: (248)358-3351

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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| NAME OF SUBMITTER: LIDIA FREISMUTH SIGNATURE: /Lidia Freismuth/ | ATTORNEY DOCKET NUMBER: | 83929807 |
|--|-------------------------|-------------------|
| | NAME OF SUBMITTER: | LIDIA FREISMUTH |
| DATE CIONED | SIGNATURE: | /Lidia Freismuth/ |
| DATE SIGNED: 04/04/2018 | DATE SIGNED: | 04/04/2018 |

Total Attachments: 4



Please direct all correspondence to: 28395

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| والمراكب المنافع المالية | y Docket Number | . 1 000 | ALC: CAM | 24 | |
| A mane | / Docket Numbe | N 45 | 17.7XX | f. | |
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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)

| i itie oi invention | BIOLNESEL RESISTANT PVC/NBR RUBBER COMPOSITION |
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| This declaration is directed | of tr |
| 1 1110 1101110 111110 11110 11110 | M 14. |
| X The att | ached amilication, or |
| | States implication or PCT international application number |
| · · · · · · · · · · · · · · · · · · · | @ed on (I hereby authorize the insertion of the application filing date and |
| number into this form wh | en they secome known.) |
| The above-identified app | 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 insunter or an original joint inventor of a claimed invention in the application. |
| continuation-in-part app | o discloss 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 nat or PCT international filing date of the continuation-in-part application. |
| FORD MOTOR COMPA its principal place of but assigns or other legal rep discoveries in the above representatives to make a entities and intergovernm hereby authorize the AS application to receiv April 4, 2018 legal representatives, all any and all countries, en date hereof, continuations And I hereby agree for r including applications fo organizations, and to per | ment agreement heretofore made or by contractual obligation, I do sell, assign and set over unto NNY BISASIL LTDA, a corporation organized and existing by virtue of the laws of Brazil, having siness. See Bernardo Do Campo Brazil, hereinafter referred to as the ASSIGNEE, its successors, presentatives, the entire right, title and interest, domestic and foreign, in and to the inventions and indentified invention including the right of the ASSIGNEE, its successors, assigns or other legal applications and to receive Letters Patent for the inventions and discoveries in any and all countries, acrual organizations, in its or their own name or names, or in my name, at its or their election (and I SIGNEE) or ASSIGNEE's attorney to insert the serial/application number and filing date of the receive Letters Patent herein: Serial No. 15/945,218 Filing Date 15/945,218 Filing |
| And I hereby represent ar | nd warrant that I have not granted any rights inconsistent with the rights granted herein. |
| I hereby acknowledge the or imprisonment of not me | at any williful false statement made in this declaration is punishable under 18 U.S.C. 1001 by fine sore than five (5) years or both. |
| LEGAL NAME OF INV | ENTOR / / / / / / / / / / / / / / / / / / / |
| Inventor: <u>Cristiano</u> | Orines Date: <u>13/4/8/10/3</u> |
| Signature: | |
| Note: An Andrews | <u> </u> |
| Use an additional declaration | Sheet (\$70/38/14 or equivalent), including naming the entire inventive entity, must accompany this form. In form (\$80,000 additional inventor.) |

| Attorney Docket Number | 83929807 |
|------------------------|----------|
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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)

| invention | BIODIESEL RESISTANT PVC/NBR RUBBER COMPOSITION |
|---|--|
| This declaration is directe | d to: |
| United | ached application, or States application or PCT international application number (I hereby authorize the insertion of the application filing date and |
| number into this form wh | en they Secome known.) |
| The above-identified appl | ication 3003 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 original | ginal instantor or an original joint inventor of a claimed invention in the application. |
| continuation-in-part appl | discloss 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 MOTOR COMPA its principal place of bus assigns or other legal rep discoveries in the above- representatives to make a entities and intergovernm hereby authorize the ASI application to receiv April 4, 2018 |), and I hereby sell, assign and set over to the ASSIGNEE, its successors, assigns or other |
| any and all countries, ent | ights of priority, including any provisional applications, in and to the inventions and discoveries in ities and intergovernmental organizations including all applications claiming benefit of the filing continuations-in-part, divisionals, reexaminations and reissue applications. |
| including applications for organizations, and to peri | nyself, my heirs, successors, assigns or other legal representatives to execute any and all papers, 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 cure 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. |
| or imprisonment of not m | it 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: Ctistiane (| Carla Consculves Date: US (KDC 1 201) |
| Signature: 444 | |
| Note: An Application Data Use an additional declaration | Sheet (\$10/88/14 or equivalent), including naming the entire inventive entity, must accompany this form. |

Please direct all correspondence to: 28395

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|------------------------|----------|------|------|----------|
| Attorney Docket Number | 83929807 | | | |
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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 BIODNESEL RESISTANT PVC/NBR RUBBER COMPOSITION |
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| his declaration is directed to: |
| SV SW - mi - 8 of all 60 of |
| X The attached application, or United States application or PCT international application number |
| illed on (I hereby authorize the insertion of the application filing date an |
| umber into this form when they become known.) |
| he above-identified application was made or authorized to be made by me. |
| hereby state that I have reviewed and understand the contents of the specification in the above-identified application in the claims. |
| believe that I am the original inventor or an original joint inventor of a claimed invention in the application. |
| am aware of the duty to discloss information which is material to patentability as defined in 37 C.F.R. 1.56, including for ontinuation-in-part applications, material information which became available between the filing date of the pricapplication and the national or PCT international filing date of the continuation-in-part application. |
| contractual to my employment agreement heretofore made or by contractual obligation. I do sell, assign and set over unitary of the laws of Brazil, having the processor of the laws of Brazil, having the principal place of business \$50 Bernardo Do Campo Brazil, 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 and intergovernmental organizations, in its or their own name or names, or in my name, at its or their election (and thereby authorize the ASSIGNEE or ASSIGNEE's attorney to insert the serial/application number and filing date of the polication to receive Letters Patent herein. Serial No. 15/945.218 Filing Dat April 4, 2018 April 4, 2018 I and I hereby sell, assign and set over to the ASSIGNEE, its successors, assigns or other applications, and to the inventions and discoveries in my and all countries, entities and intergovernmental organizations including all applications claiming benefit of the filing tate hereof, continuations, continuations-in-part, divisionals, reexaminations and relissue applications. And I hereby agree for myself, my heirs, successors, assigns or other legal representatives to execute any and all paper including applications for Letters Patent of any and all kinds and in any and all countries, entities and intergovernments of a successors, assigns or other legal representative to execute the successors of 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. |
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| hereby acknowledge that any willful false statement made in this declaration is punishable under 18 U.S.C. 1001 by fin |
| r imprisonment of not more that five (5) years or both. EGAL NAME OF INVENTOR: |
| EGAL NAME OF INVENTOR Nectical Policies Policies Date: 03/A/R/2018 |
| ignature: Kithi 10. Mensiki |
| tote: An Application Data \$10.00 (\$70.00) or equivalent), including naming the entire inventive entity, must accompany this form is an additional declaration form is each additional inventor. |

Please direct all correspondence to: 28395

| *************************************** | - | | |
|---|---------------|------------------|------|
| Address of Property and | | 2000 | 5 25 |
| Attorney Docket N | amorr i x su. | 39 X 1337 | |
| | West Co. 67 | . | |
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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 | BIODIESEL RESISTANT PVC/NBR RUBBER COMPOSITION |
|--|---|
| This declaration is directed to: | |
| | ached application, or States application or PCT international application number |
| The above-identified app | 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 insulter or an original joint inventor of a claimed invention in the application. |
| continuation-in-part app | discloss information which is material to patentability as defined in 37 C.F.R. 1.56, including for discations 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 MOTOR COMP/ its principal place of bus assigns or other legal reg discoveries in the above representatives to make a entitics and intergovernm hereby authorize the AS application to receiv April 4, 2018 legal representatives, all any and all countries, en | nent agreement heretofore made or by contractual obligation, I do sell, assign and set over unto any Bit SIL LTDA, a corporation organized and existing by virtue of the laws of Brazil, having siness the SIL LTDA, a corporation organized and existing by virtue of the laws of Brazil, having siness the SIL LTDA, a corporation organized and existing by virtue of the laws of Brazil, having siness the successors, assigns or other legal resembles, the entire right, title and interest, domestic and foreign, in and to the inventions and interest, domestic and to receive Letters Patent for the ASSIGNEE, its successors, assigns or other legal pplications and to receive Letters Patent for the inventions and discoveries in any name, at its or their election (and I SIGNE) or ASSIGNEE's alterney to insert the serial/application number and filing date of the Lease's Patent herein: Serial No. 15/945,218 Filing Date |
| including applications fo organizations, and to per | nyself. We 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 scure thankto the rights herein sold, assigned and set over. |
| And I hereby represent ar | nd warrass that I have not granted any rights inconsistent with the rights granted herein. |
| or imprisonment of not m | as 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 INV Inventor: <u>Angelo N</u> | |
| Signature: | Janes |
| Note: An Application Coll | Sheet (NE)/SB/14 or equivalent), including naming the entire inventive entity, must accompany this form. |
| Use an additional declaratio | o form formach additional inventor. |

PATENT REEL: 045436 FRAME: 0061

RECORDED: 04/04/2018