503799368 04/26/2016

PATENT ASSIGNMENT COVER SHEET

Electronic Version v1.1 Stylesheet Version v1.2 EPAS ID: PAT3846015

| SUBMISSION TYPE: | | NEW ASSIGNMENT | NEW ASSIGNMENT | | |
|---|---|---|--|----------------|--|
| NATURE OF CONVEYANCE: | | ASSIGNMENT | ASSIGNMENT | | |
| CONVEYING PARTY | / DATA | | | | |
| | | Name | | Execution Date | |
| PASCAL CHATRON-MICHAUD | | | | 03/14/2016 | |
| JEROME MAJCHER | | | | 03/14/2016 | |
| FREDERIC MOREL | | | | 04/08/2016 | |
| RECEIVING PARTY | DATA | | | | |
| Name: | IFP EN | ERGIES NOUVELLES | | | |
| Street Address: | 1 ET 4 | AVENUE DE BOIS PREAU | | | |
| City: | RUEIL | MALMAISON CEDEX | | | |
| State/Country: | FRAN | E | | | |
| Postal Code: | 92852 | | | | |
| Property Typ | | Number | | | |
| Property Typ Application Number | | Number 14554271 | | | |
| Application Number CORRESPONDENCI Fax Number: <i>Correspondence wil</i> | : E DATA Il be sent to if provideo | | t will be sent via & BRANIGAN - A | US Mail. | |
| Application Number CORRESPONDENCI Fax Number: <i>Correspondence wil using a fax number,</i> Phone: Email: Correspondent Nam Address Line 1: Address Line 2: Address Line 4: | E DATA Il be sent to if provideo | 14554271 (703)243-6410 the e-mail address first; i if that is unsuccessful, i 703-243-6333 mail@mwzb.com MILLEN, WHITE, ZELANO 2200 CLARENDON BLVD. SUITE 1400 | t will be sent via & BRANIGAN - A | US Mail. | |
| Application Number CORRESPONDENCI Fax Number: <i>Correspondence wil using a fax number,</i> Phone: Email: Correspondent Nam Address Line 1: Address Line 2: Address Line 4: | E DATA Il be sent to if provideo ne: | (703)243-6410 <i>the e-mail address first; i</i> <i>if that is unsuccessful, i</i> 703-243-6333 mail@mwzb.com MILLEN, WHITE, ZELANO 2200 CLARENDON BLVD. SUITE 1400 ARLINGTON, VIRGINIA 223 | t will be sent via & BRANIGAN - A 201 | US Mail. | |
| Application Number CORRESPONDENCI Fax Number: <i>Correspondence wil using a fax number,</i> Phone: Email: Correspondent Nam Address Line 1: Address Line 2: Address Line 2: Address Line 4: | E DATA Il be sent to if provideo ne: | (703)243-6410 <i>the e-mail address first; i</i> <i>if that is unsuccessful, i</i> 703-243-6333 mail@mwzb.com MILLEN, WHITE, ZELANO 2200 CLARENDON BLVD. SUITE 1400 ARLINGTON, VIRGINIA 223 PET-2980 | t will be sent via & BRANIGAN - A 201 | US Mail. | |
| Application Number CORRESPONDENCI Fax Number: <i>Correspondence wil using a fax number,</i> Phone: Email: Correspondent Nam Address Line 1: Address Line 2: | E DATA Il be sent to if provideo ne: | (703)243-6410 (703)243-6410 (703-243-6333 mail@mwzb.com MILLEN, WHITE, ZELANO 2200 CLARENDON BLVD. SUITE 1400 ARLINGTON, VIRGINIA 223 PET-2980 AUBREY M. BROOKS | t will be sent via & BRANIGAN - A 201 | US Mail. | |

DECLARATION (37 CFR 1.63) FOR UTILITY OR DESIGN APPLICATION USING AN APPLICATION DATA SHEET (37 CFR 1.76) AND ASSIGNMENT FOR SINGLE ASSIGNEE

| Title of Invention | PROCESS FOR THE PRODUCTION OF CARBON BLACK FROM AT LEAST ONE FCC SLURRY CUT, COMPRISING A SPECIFIC HYDROTREATMENT | | |
|--|--|--|--|
| As the below nan | ned inventor, I hereby declare that: | | |
| This declaration | The attached application, or | | |
| is directed to: | United States Application or PCT International Application number <u>14/554,271</u> filed on <u>11/26/2014</u> | | |
| The above-identi | fied application was made or authorized to be made by me. | | |
| I believe that I an | the original inventor or an original joint inventor of a claimed invention in the application. | | |
| AND WHEREAS | | | |
| | IFP Energies nouvelles | | |
| | | | |
| all patent(s) listed | ed to as the ASSIGNEE, is desirous of acquiring the entire right, title, and interest in and to said invention and above, including any and all earlier priority rights (U.S. and foreign), divisions and continuations thereof, all renewals, reissues, reexaminations and extensions thereof. | | |
| NOW, WITNESSETH that for good and valuable consideration, the receipt whereof is hereby acknowledged, ASSIGNOR hereby assigns, sells, and transfers to ASSIGNEE, its assigns and legal representatives, the entire and exclusive right, title and interest in and to said invention and patent(s), including any and all divisions and continuations thereof, and any and all Letters Patent which may be granted therefor, including any and all renewals, reissues, reexaminations and extensions thereof, and in and to any and all U.S. (including provisional) or foreign priority and/or convention rights or benefits accruing or to accrue with respect to the filing or securing of patents in the United States and/or any countries foreign thereto concerning said invention, SAID ASSIGNEE, its assigns and legal representatives to have, hold, exercise, and enjoy said invention and patent, including any and all earlier priority rights (U.S. and foreign),divisions and continuations thereof, any and all Letters Patent which may be granted therefor, including any and all renewals, reissues, reexaminations thereof, including the right to sue for damages occurring before the assignment, with all the rights, powers, privileges and advantages in anywise arising from or appertaining thereto, for and during the term or terms of any and all such Letters Patent, including any and all renewals, reissues, reexaminations and extensions thereof, for the use and benefit of ASSIGNOR might or could have held and enjoyed the same, if the assignment had not been made. | | | |
| and foreign count | SSIGNOR hereby agrees to execute all papers that may be necessary to file applications in the United States rics for said invention and to assign the same to said ASSIGNEE, its assigns and legal representatives and to papers that may be needed in connection with securing Letters Patents thereon. | | |
| AND A any and all divisi | SSIGNOR authorizes and requests the Commissioner of Patents and Trademarks to issue a Letters Patent on ons and continuations thereof, to ASSIGNEE, its assigns and legal representatives, in accordance herewith. | | |
| The undersigned hereby grant(s) the law firm of Millen, White, Zelano & Branigan, P.C. the power to insert on this assignment information which may be necessary or desirable in order for the United States Patent and Trademark Office to properly record this document. | | | |
| | IN TESTIMONY WHEREOF this assignment is executed by ASSIGNOR | | |
| 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 | | | |
| Inventor: | Pascal CHATRON-MICHAUD Date: <u>79/09/2016</u> | | |
| Signature: | - Xapry | | |

MILLEN, WHITE, ZELANO & BRANIGAN, P.C. Attorneys at Law Arlington Courthouse Plaza 2200 Clarendon Boulevard | Suite 1400 | Arlington VA 22201 Telephone: 703.243.6333 | Fax: 703.243.6410 Email: Mail@mwzb.com

Effective, September 16, 2012

PATENT REEL: 038381 FRAME: 0859

| DECLARATION (37 CFR 1.63) FOR UTILITY OR DESIGN APPLICATION USING AN | |
|---|---|
| APPLICATION DATA SHEET (37 CFR 1.76) AND ASSIGNMENT FOR SINGLE ASSIGNED | 5 |

| Title of Invention | PROCESS FOR THE PRODUCTION OF CARBON BLACK FROM AT LEAST ONE FCC SLURRY CUT, COMPRISING A SPECIFIC HYDROTREATMENT | |
|--|---|---|
| As the below nar | ned inventor, I hereby declare that: | ~ |
| This declaration | The attached application, or | |
| is directed to: | United States Application or PCT International Application number 14/554,271 filed on 11/26/2014 | |
| The above-identi | fied application was made or authorized to be made by me. | |
| I believe that I ar | n the original inventor or an original joint inventor of a claimed invention in the application. | |
| AND WHEREA | S IFP Energies nouvelles | |
| all patent(s) lister | ed to as the ASSIGNEE, is desirous of acquiring the entire right, title, and interest in and to said invention and d above, including any and all earlier priority rights (U.S. and foreign), divisions and continuations thereof, d all renewals, reissues, reexaminations and extensions thereof. | |
| ASSIGNOR here right, title and im and all Letters Pa thereof, and in ar to accrue with re- invention, SAID including any anu- which may be gra- right to sue for da arising from or ar renewals, reissue representatives, i enjoyed the same | WITNESSETH that for good and valuable consideration, the receipt whereof is hereby acknowledged, eby assigns, sells, and transfers to ASSIGNEE, its assigns and legal representatives, the entire and exclusive terest in and to said invention and patent(s), including any and all divisions and continuations thereof, and any atent which may be granted therefor, including any and all renewals, reissues, reexaminations and extensions nd to any and all U.S. (including provisional) or foreign priority and/or convention rights or benefits accruing or spect to the filing or securing of patents in the United States and/or any countries foreign thereto concerning said ASSIGNEE, its assigns and legal representatives to have, hold, exercise, and enjoy said invention and patent, d all earlier priority rights (U.S. and foreign), divisions and continuations thereof, any and all Letters Patent anted therefor, including any and all renewals, reissues, reexaminations and extensions thereof, including the amages occurring before the assignment, with all the rights, powers, privileges and advantages in anywise ppertaining thereto, for and during the term or terms of any and all such Letters Patent, including any and all es, reexaminations and extensions thereof, for the use and benefit of ASSIGNEE and its assigns and legal in as ample and beneficial a manner to all intents and purposes as the ASSIGNOR might or could have held and e, if the assignment had not been made. | |
| and foreign coun | ASSIGNOR hereby agrees to execute all papers that may be necessary to file applications in the United States tries for said invention and to assign the same to said ASSIGNEE, its assigns and legal representatives and to r papers that may be needed in connection with securing Letters Patents thereon. | |
| AND A any and all divisi | ASSIGNOR authorizes and requests the Commissioner of Patents and Trademarks to issue a Letters Patent on ions and continuations thereof, to ASSIGNEE, its assigns and legal representatives, in accordance herewith. | |
| The un assignment infor properly record t | idersigned hereby grant(s) the law firm of Millen, White, Zelano & Branigan, P.C. the power to insert on this mation which may be necessary or desirable in order for the United States Patent and Trademark Office to his document. | |
| | IN TESTIMONY WHEREOF this assignment is executed by ASSIGNOR | |
| | by acknowledge that any willful false statement made in this declaration is punishable under 18 U.S.C. 1001 by ment of not more than five (5) years, or both. | |
| | OF INVENTOR Jerome MAJCHER Date: 14/03/2016 | |
| Inventor: | Jerome MAJCHER Date: U(0)/1010 | |
| Signature: | VX | |

MILLEN, WHITE, ZELANO & BRANIGAN, P.C. Attorneys at Law Arlington Courthouse Plaza 2200 Clarendon Boulevard | Suite 1400 | Arlington VA 22201 Telephone: 703,243,6333 | Fax: 703,243,6410 Email: mail@mwzb.com

Effective, September 16, 2012

PATENT REEL: 038381 FRAME: 0860

DECLARATION (37 CFR 1.63) FOR UTILITY OR DESIGN APPLICATION USING AN APPLICATION DATA SHEET (37 CFR 1.76) AND ASSIGNMENT FOR SINGLE ASSIGNEE

| Title of Invention | PROCESS FOR THE PRODUCTION OF CARBON BLACK FROM AT LEAST ONE FCC SLURRY CUT, COMPRISING A SPECIFIC HYDROTREATMENT | | |
|--|--|--|--|
| As the below nam | ed inventor, I hereby declare that: | | |
| This declaration | The attached application, or | | |
| is directed to: | United States Application or PCT International Application number <u>14/554,271</u> filed on <u>11/26/2014</u> | | |
| The above-identif | ied application was made or authorized to be made by me. | | |
| I believe that I an | the original inventor or an original joint inventor of a claimed invention in the application. | | |
| AND WHEREAS | | | |
| | IFF Energies nouvelles | | |
| hereinafter referred to as the ASSIGNEE, is desirous of acquiring the entire right, title, and interest in and to said invention and all patent(s) listed above, including any and all earlier priority rights (U.S. and foreign), divisions and continuations thereof, including any and all renewals, reissues, reexaminations and extensions thereof. | | | |
| NOW, WITNESSETH that for good and valuable consideration, the receipt whereof is hereby acknowledged. ASSIGNOR hereby assigns, sells, and transfers to ASSIGNEE, its assigns and legal representatives, the entire and exclusive right, title and interest in and to said invention and patent(s), including any and all divisions and continuations thereof, and any and all Letters Patent which may be granted therefor, including any and all renewals, reissues, reexaminations and extensions thereof, and in and to any and all U.S. (including provisional) or foreign priority and/or convention rights or benefits accruing or to accrue with respect to the filing or securing of patents in the United States and/or any countries foreign thereto concerning said invention, SAID ASSIGNEE, its assigns and legal representatives to have, hold, exercise, and enjoy said invention and patent, including any and all earlier priority rights (U.S. and foreign), divisions and continuations thereof, any and all Letters Patent which may be granted therefor, including any and all renewals, reissues, reexaminations and extensions thereof, including the right to suc for damages occurring before the assignment, with all the rights, powers, privileges and advantages in anywise arising from or appertaining thereto, for and during the term or terms of any and all such Letters Patent, including any and all renewals, reissues, reexaminations and extensions thereof, for the use and benefit of ASSIGNEE and its assigns and legal representatives, in as ample and beneficial a manner to all intents and purposes as the ASSIGNOR might or could have held and enjoyed the same, if the assignment had not been made. | | | |
| AND ASSIGNOR hereby agrees to execute all papers that may be necessary to file applications in the United States and foreign countries for said invention and to assign the same to said ASSIGNEE, its assigns and legal representatives and to execute any other papers that may be needed in connection with securing Letters Patents thereon. | | | |
| AND ASSIGNOR authorizes and requests the Commissioner of Patents and Trademarks to issue a Letters Patent on any and all divisions and continuations thereof, to ASSIGNEE, its assigns and legal representatives, in accordance herewith. | | | |
| The undersigned hereby grant(s) the law firm of Millen, White, Zelano & Branigan, P.C. the power to insert on this assignment information which may be necessary or desirable in order for the United States Patent and Trademark Office to properly record this document. | | | |
| | IN TESTIMONY WHEREOF this assignment is executed by ASSIGNOR | | |
| I hereby acknowledge that any wiliful 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 C Inventor; F | FINVENTOR rédéric MOREL Date: April 8, 2015 | | |
| | | | |
| Signature: | Frédéric Morel | | |

MILLEN, WUITE, ZELANO & BRANIGAN, P.C. Attorneys at Law Arlington Courthouse Plaza 2200 Clarendon Boulevard | Suite | 400 | Arlington VA 22201 Telephone: 703.243.6333 | Fax: 703.243.6410 Email: mail.@mwzb.com

Effective, September 16, 2012