

## PATENT ASSIGNMENT

Electronic Version v1.1  
 Stylesheet Version v1.1

| SUBMISSION TYPE:  | NEW ASSIGNMENT   |               |  |                     |   |                |            |                 |            |                            |            |   |            |  |            |                                      |            |   |            |
|---|--|---------------|--|---------------------|---|----------------|------------|-----------------|------------|----------------------------|------------|---|------------|--|------------|--------------------------------------|------------|---|------------|
| NATURE OF CONVEYANCE:   | ASSIGNMENT   |               |  |                     |   |                |            |                 |            |                            |            |   |            |  |            |                                      |            |   |            |
| CONVEYING PARTY DATA  |  |               |  |                     |   |                |            |                 |            |                            |            |   |            |  |            |                                      |            |   |            |
| <table border="1"> <thead> <tr> <th>Name</th> <th>Execution Date</th> </tr> </thead> <tbody> <tr> <td>Eric Pasquinet</td> <td>12/26/2012</td> </tr> <tr> <td>Anne Wuillaume</td> <td>12/26/2012</td> </tr> <tr> <td>Didier Poullain</td> <td>12/26/2012</td> </tr> <tr> <td>Francois Kosciusko-Morizet</td> <td>12/26/2012</td> </tr> <tr> <td>Benedicte Genevieve Jeanne Marie Treuille</td> <td>12/26/2012</td> </tr> <tr> <td>Caroline Marie Catherine Kosciusko-Morizet</td> <td>12/26/2012</td> </tr> <tr> <td>Nathalie Genevieve Kosciusko-Morizet</td> <td>12/26/2012</td> </tr> <tr> <td>Pierre Thaddee Jacques Hubert Kosciusko-Morizet</td> <td>12/26/2012</td> </tr> </tbody> </table> |  | Name          | Execution Date   | Eric Pasquinet      | 12/26/2012                              | Anne Wuillaume | 12/26/2012 | Didier Poullain | 12/26/2012 | Francois Kosciusko-Morizet | 12/26/2012 | Benedicte Genevieve Jeanne Marie Treuille | 12/26/2012 | Caroline Marie Catherine Kosciusko-Morizet | 12/26/2012 | Nathalie Genevieve Kosciusko-Morizet | 12/26/2012 | Pierre Thaddee Jacques Hubert Kosciusko-Morizet | 12/26/2012 |
| Name  | Execution Date   |               |  |                     |   |                |            |                 |            |                            |            |   |            |  |            |                                      |            |   |            |
| Eric Pasquinet  | 12/26/2012   |               |  |                     |   |                |            |                 |            |                            |            |   |            |  |            |                                      |            |   |            |
| Anne Wuillaume  | 12/26/2012   |               |  |                     |   |                |            |                 |            |                            |            |   |            |  |            |                                      |            |   |            |
| Didier Poullain   | 12/26/2012   |               |  |                     |   |                |            |                 |            |                            |            |   |            |  |            |                                      |            |   |            |
| Francois Kosciusko-Morizet  | 12/26/2012   |               |  |                     |   |                |            |                 |            |                            |            |   |            |  |            |                                      |            |   |            |
| Benedicte Genevieve Jeanne Marie Treuille   | 12/26/2012   |               |  |                     |   |                |            |                 |            |                            |            |   |            |  |            |                                      |            |   |            |
| Caroline Marie Catherine Kosciusko-Morizet  | 12/26/2012   |               |  |                     |   |                |            |                 |            |                            |            |   |            |  |            |                                      |            |   |            |
| Nathalie Genevieve Kosciusko-Morizet  | 12/26/2012   |               |  |                     |   |                |            |                 |            |                            |            |   |            |  |            |                                      |            |   |            |
| Pierre Thaddee Jacques Hubert Kosciusko-Morizet   | 12/26/2012   |               |  |                     |   |                |            |                 |            |                            |            |   |            |  |            |                                      |            |   |            |
| RECEIVING PARTY DATA  |  |               |  |                     |   |                |            |                 |            |                            |            |   |            |  |            |                                      |            |   |            |
| <table border="1"> <tr> <td>Name:</td> <td>Commissariat a l'energie atomique et aux energies alternatives</td> </tr> <tr> <td>Street Address:</td> <td>25, rue Leblanc, Batiment "Le Ponant D"</td> </tr> <tr> <td>City:</td> <td>Paris</td> </tr> <tr> <td>State/Country:</td> <td>FRANCE</td> </tr> <tr> <td>Postal Code:</td> <td>F-75015</td> </tr> </table>  |  | Name:         | Commissariat a l'energie atomique et aux energies alternatives | Street Address:     | 25, rue Leblanc, Batiment "Le Ponant D" | City:          | Paris      | State/Country:  | FRANCE     | Postal Code:               | F-75015    |   |            |  |            |                                      |            |   |            |
| Name:   | Commissariat a l'energie atomique et aux energies alternatives |               |  |                     |   |                |            |                 |            |                            |            |   |            |  |            |                                      |            |   |            |
| Street Address:   | 25, rue Leblanc, Batiment "Le Ponant D"                        |               |  |                     |   |                |            |                 |            |                            |            |   |            |  |            |                                      |            |   |            |
| City:   | Paris  |               |  |                     |   |                |            |                 |            |                            |            |   |            |  |            |                                      |            |   |            |
| State/Country:  | FRANCE   |               |  |                     |   |                |            |                 |            |                            |            |   |            |  |            |                                      |            |   |            |
| Postal Code:  | F-75015  |               |  |                     |   |                |            |                 |            |                            |            |   |            |  |            |                                      |            |   |            |
| PROPERTY NUMBERS Total: 1   |  |               |  |                     |   |                |            |                 |            |                            |            |   |            |  |            |                                      |            |   |            |
| <table border="1"> <thead> <tr> <th>Property Type</th> <th>Number</th> </tr> </thead> <tbody> <tr> <td>Application Number:</td> <td>13522291</td> </tr> </tbody> </table>   |  | Property Type | Number   | Application Number: | 13522291                                |                |            |                 |            |                            |            |   |            |  |            |                                      |            |   |            |
| Property Type   | Number   |               |  |                     |   |                |            |                 |            |                            |            |   |            |  |            |                                      |            |   |            |
| Application Number:   | 13522291   |               |  |                     |   |                |            |                 |            |                            |            |   |            |  |            |                                      |            |   |            |
| CORRESPONDENCE DATA   |  |               |  |                     |   |                |            |                 |            |                            |            |   |            |  |            |                                      |            |   |            |
| Fax Number:   | 9497609502   |               |  |                     |   |                |            |                 |            |                            |            |   |            |  |            |                                      |            |   |            |
| <i>Correspondence will be sent via US Mail when the fax attempt is unsuccessful.</i>  |  |               |  |                     |   |                |            |                 |            |                            |            |   |            |  |            |                                      |            |   |            |
| Phone:  | 9497600404   |               |  |                     |   |                |            |                 |            |                            |            |   |            |  |            |                                      |            |   |            |
| Email:  | efiling@kmob.com   |               |  |                     |   |                |            |                 |            |                            |            |   |            |  |            |                                      |            |   |            |
| Correspondent Name:   | Knobbe, Martens, Olson & Bear, LLP                             |               |  |                     |   |                |            |                 |            |                            |            |   |            |  |            |                                      |            |   |            |
| Address Line 1:   | 2040 Main Street   |               |  |                     |   |                |            |                 |            |                            |            |   |            |  |            |                                      |            |   |            |
| Address Line 2:   | 14th Floor   |               |  |                     |   |                |            |                 |            |                            |            |   |            |  |            |                                      |            |   |            |
| Address Line 4:   | Irvine, CALIFORNIA 92614                                       |               |  |                     |   |                |            |                 |            |                            |            |   |            |  |            |                                      |            |   |            |

OP \$40.00 13522291

|  |                                    |
|--|------------------------------------|
| ATTORNEY DOCKET NUMBER:  | BREVA3.046APC                      |
| NAME OF SUBMITTER:   | Raymond D. Smith (Reg. No. 55,634) |
| <b>Total Attachments: 5</b><br>source=BREVA3-046APC_ASSIGNMENT#page1.tif<br>source=BREVA3-046APC_ASSIGNMENT#page2.tif<br>source=BREVA3-046APC_ASSIGNMENT#page3.tif<br>source=BREVA3-046APC_ASSIGNMENT#page4.tif<br>source=BREVA3-046APC_ASSIGNMENT#page5.tif |                                    |

## ASSIGNMENT

WHEREAS, **Eric Pasquinet**, a French citizen, residing at 10 mail de Vencay, F-37550 Saint Avertin, France, **Anne Guillaume**, a French citizen, residing at 7 passage des Abeilles, F-37000 Tours, France, **Didier Poullain**, a French citizen, residing at 1 rue des Bournais, F-37550 Saint Avertin, France, along with another inventor, **Etienne Kosciusko-Morizet** (individual(s) hereinafter "ASSIGNOR") invented certain new and useful improvements, technology, inventions, developments, ideas or discoveries related to METHOD FOR THE SYNTHESIS OF 3,5-DICHLOROANISOLE FROM 1,3,5-TRICHLOROBENZENE (collectively hereinafter referred to as the "Work") for which International Application No. PCT/EP2011/050288 was filed on January 12, 2011;

WHEREAS, **Etienne Kosciusko-Morizet** is deceased, and his legal representative(s) is(are) separately assigning their entire right, title and interest in and to said improvements and said Application(s);

AND WHEREAS, **Commissariat à l'énergie atomique et aux énergies alternatives**, a France Corporation, with its principal place of business at 25 rue Leblanc, Bâtiment "Le Ponant D", F-75015 Paris, France (hereinafter the "ASSIGNEE"), desires to acquire the entire right, title, and interest in and to the Application and the Work;

NOW, THEREFORE, for good and valuable consideration, the receipt of which is hereby acknowledged, ASSIGNOR hereby acknowledges that ASSIGNOR has sold, assigned, transferred and set over, and by these presents does hereby sell, assign, transfer and set over, unto said ASSIGNEE, their successors, legal representatives and assigns, their entire right, title, and interest throughout the world in the Application and the Work, including all provisional applications relating thereto (including but not limited to International Application No. PCT/EP2011/050288 filed January 12, 2011 and French Patent Application No. 1050232 filed January 14, 2010), and all nonprovisional applications claiming priority thereto, including, all divisions, continuations, continuations-in-part, reissues, and reexaminations thereof, and all Letters Patent of the United States which may be granted thereon and all reissues and extensions thereof, and all rights of priority under International Conventions and any related Letters Patent which may hereafter be granted or filed in any country or countries foreign to the United States, all extensions, renewals and reissues thereof; and ASSIGNOR hereby authorizes and requests the Commissioner of Patents of the United States, and any Official of any country or countries foreign to the United States, whose duty it is to issue patents on applications as aforesaid, to issue all related Letters Patent to the ASSIGNEE, their successors, legal representatives and assigns, in accordance with the terms of this instrument.

AND ASSIGNOR DOES HEREBY sell, assign, transfer, and convey to ASSIGNEE, its successors, legal representatives, and assigns all claims for damages and all remedies arising out of any violation of the rights assigned hereby that may have accrued prior to the date of assignment to ASSIGNEE, or may accrue hereafter, including, but not limited to, the right to sue for, collect, and retain damages for past infringements of said Letters Patent before or after issuance.

AND ASSIGNOR DOES HEREBY covenant and agree that ASSIGNOR will communicate to said ASSIGNEE, its successors, legal representatives and assigns, any facts known to ASSIGNOR respecting the Work, and testify in any legal proceeding, assist in the preparation of any other provisional or non-provisional applications relating to the Application and the Work or any improvements made thereto, sign all lawful papers, execute and make all rightful oaths and/or declarations in connection with the Application and the Work including any improvements made thereto, any patent applications filed therefrom, and any continuing application filed from any of the aforementioned applications, and generally do everything possible to aid the ASSIGNEE, its

successors, legal representatives and assigns, to obtain and enforce proper patent protection for the Work in all countries.

This 26 day of December, 2012. IN TESTIMONY WHEREOF, I hereunto  
set my hand and seal this 26 day of December, 2012

Eric Pasquinet



Witnessed by: N. HERBLIN 

This 26 day of December, 2012. IN TESTIMONY WHEREOF, I hereunto  
set my hand and seal this 26 day of December, 2012

Anne Wuillaume




Witnessed by: N. HERBLIN 

This 26 day of December, 2012. IN TESTIMONY WHEREOF, I hereunto  
set my hand and seal this 26 day of December, 2012

Didier Poullain



Witnessed by: N. HERBLIN 

13553752

070212

## ASSIGNMENT

WHEREAS, the undersigned is(are) the legal representative(s) and the rightful heir(s) of any and all intellectual property rights of **Etienne Kosciusko-Morizet**, who is now deceased;

WHEREAS, **Etienne Kosciusko-Morizet**, along with the other inventors (**Eric Pasquinet**, **Anne Wuillaume**, and **Didier Poullain**), invented certain new and useful improvements, technology, inventions, developments, ideas or discoveries related to METHOD FOR THE SYNTHESIS OF 3,5-DICHLOROANISOLE FROM 1,3,5-TRICHLOROBENZENE (collectively hereinafter referred to as the "Work") for which International Application No. PCT/EP2011/050288 was filed on January 12, 2011;

WHEREAS, the other inventors are separately assigning their entire right, title and interest in and to said improvements and said Application;


AND WHEREAS, **Commissariat à l'énergie atomique et aux énergies alternatives**, a France Corporation, with its principal place of business at 25 rue Leblanc, Bâtiment "Le Ponant D", F-75015 Paris, France (hereinafter the "ASSIGNEE"), desires to acquire the entire right, title, and interest in and to the Application and the Work:

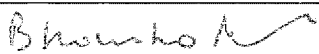
NOW, THEREFORE, for good and valuable consideration, the receipt of which is hereby acknowledged, ASSIGNOR hereby acknowledges that ASSIGNOR has sold, assigned, transferred and set over, and by these presents does hereby sell, assign, transfer and set over, unto said ASSIGNEE, their successors, legal representatives and assigns, the deceased inventor's entire right, title, and interest throughout the world in the Application and the Work, including all provisional applications relating thereto (including but not limited to International Application No. PCT/EP2011/050288 filed January 12, 2011 and French Patent Application No. 1050232 filed January 14, 2010), and all nonprovisional applications claiming priority thereto, including, all divisions, continuations, continuations-in-part, reissues, and reexaminations thereof, and all Letters Patent of the United States which may be granted thereon and all reissues and extensions thereof, and all rights of priority under International Conventions and any related Letters Patent which may hereafter be granted or filed in any country or countries foreign to the United States, all extensions, renewals and reissues thereof; and ASSIGNOR hereby authorizes and requests the Commissioner of Patents of the United States, and any Official of any country or countries foreign to the United States, whose duty it is to issue patents on applications as aforesaid, to issue all related Letters Patent to the ASSIGNEE, their successors, legal representatives and assigns, in accordance with the terms of this instrument.

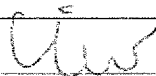
AND ASSIGNOR DOES HEREBY sell, assign, transfer, and convey to ASSIGNEE, their successors, legal representatives, and assigns all claims for damages and all remedies arising out of any violation of the rights assigned hereby that may have accrued prior to the date of assignment to ASSIGNEE, or may accrue hereafter, including, but not limited to, the right to sue for, collect, and retain damages for past infringements of said Letters Patent before or after issuance.

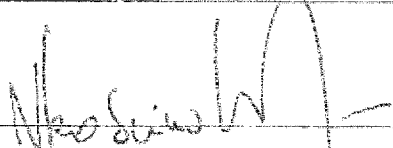
AND ASSIGNOR DOES HEREBY covenant and agree that ASSIGNOR will communicate to said ASSIGNEE, their successors, legal representatives and assigns, any facts known to ASSIGNOR respecting the Work, and testify in any legal proceeding, assist in the preparation of any other provisional or non-provisional applications relating to the Application and the Work or any improvements made thereto, sign all lawful papers, execute and make all rightful oaths and/or declarations in connection with the Application and the Work including any improvements made thereto, any patent applications filed therefrom, and any continuing application filed from any of the aforementioned applications, and generally do everything possible to aid the ASSIGNEE, their

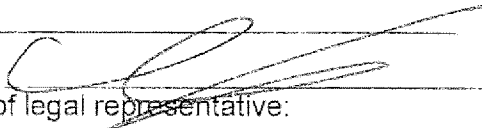
successors, legal representatives and assigns, to obtain and enforce proper patent protection for the Work in all countries.

|  |  |
|--|--|
| First heir to the deceased Inventor <b>Etienne Kosciusko-Morizet</b> , signing as legal representative, on behalf of the deceased inventor |  |
| Signature   | Date December 26, 2012                       |
| Full name of legal representative:<br><b>François Kosciusko-Morizet</b>  | Relationship to Deceased Inventor:<br>Father |
| Residence: 53 rue Croix Bosset<br>92310 SEVRES - FRANCE  | Citizenship: FR                              |
| Post Office Address: the same as residence   |  |

|   |  |
|---|--|
| Second heir to the deceased Inventor <b>Etienne Kosciusko-Morizet</b> , signing as legal representative, on behalf of the deceased inventor |  |
| Signature    | Date December 26, 2012                       |
| Full name of legal representative:<br><b>Bénédicte, Geneviève, Jeanne, Marie TREUILLE</b>   | Relationship to Deceased Inventor:<br>Mother |
| Residence: 53 rue Croix Bosset<br>92310 SEVRES - FRANCE   | Citizenship: FR                              |
| Post Office Address: the same as residence  |  |

|  |  |
|--|--|
| Third heir to the deceased Inventor <b>Etienne Kosciusko-Morizet</b> , signing as legal representative, on behalf of the deceased inventor |  |
| Signature   | Date December 26, 2012                       |
| Full name of legal representative:<br><b>Caroline Marie Catherine Kosciusko-Morizet</b>  | Relationship to Deceased Inventor:<br>Sister |
| Residence: 53 rue Croix Bosset<br>92310 SEVRES - FRANCE  | Citizenship: FR                              |
| Post Office Address: the same as residence   |  |

|   |  |
|---|--|
| Fourth heir to the deceased Inventor <b>Etienne Kosciusko-Morizet</b> , signing as legal representative, on behalf of the deceased inventor |  |
| Signature    |  |
| Signature   | Date December 26, 2012                       |
| Full name of legal representative:<br><b>Nathalie Geneviève Marie Kosciusko-Morizet</b>   | Relationship to Deceased Inventor:<br>Sister |
| Residence: 27 rue du Docteur Darier<br>91310 LONGPONT SUR ORGE - FRANCE   | Citizenship: FR                              |
| Post Office Address: the same as residence  |  |

|  |   |
|--|---|
| Fifth heir to the deceased Inventor <b>Etienne Kosciusko-Morizet</b> , signing as legal representative, on behalf of the deceased inventor |   |
| Signature   |   |
| Signature  | Date December 26, 2012                        |
| Full name of legal representative:<br><b>Pierre Thaddée Jacques Hubert Kosciusko-Morizet</b>   | Relationship to Deceased Inventor:<br>Brother |
| Residence: 10 rue de l'Yvette<br>75016 PARIS - FRANCE  | Citizenship: FR                               |
| Post Office Address: the same as residence   |   |

13555992/070212