

PATENT ASSIGNMENT

Electronic Version v1.1
 Stylesheet Version v1.1

| SUBMISSION TYPE: | NEW ASSIGNMENT | | | | | | | | | | | | | | | | | | | | |
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| NATURE OF CONVEYANCE: | ASSIGNMENT | | | | | | | | | | | | | | | | | | | | |
| CONVEYING PARTY DATA | | | | | | | | | | | | | | | | | | | | | |
| <table border="1"> <thead> <tr> <th>Name</th> <th>Execution Date</th> </tr> </thead> <tbody> <tr> <td>Christian SCHILDKNECHT</td> <td>01/24/2012</td> </tr> <tr> <td>Christian LENNARTZ</td> <td>01/31/2012</td> </tr> <tr> <td>Soichi WATANABE</td> <td>02/02/2012</td> </tr> <tr> <td>Gerhard WAGENBLAST</td> <td>02/02/2012</td> </tr> <tr> <td>Peter MURER</td> <td>12/02/2011</td> </tr> <tr> <td>Thomas SCHAEFER</td> <td>12/02/2011</td> </tr> <tr> <td>Natalia CHEBOTAREVA</td> <td>12/06/2011</td> </tr> <tr> <td>Andrea RICCI</td> <td>12/10/2011</td> </tr> <tr> <td>Kristina BARDON</td> <td>12/06/2011</td> </tr> </tbody> </table> | | Name | Execution Date | Christian SCHILDKNECHT | 01/24/2012 | Christian LENNARTZ | 01/31/2012 | Soichi WATANABE | 02/02/2012 | Gerhard WAGENBLAST | 02/02/2012 | Peter MURER | 12/02/2011 | Thomas SCHAEFER | 12/02/2011 | Natalia CHEBOTAREVA | 12/06/2011 | Andrea RICCI | 12/10/2011 | Kristina BARDON | 12/06/2011 |
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| Soichi WATANABE | 02/02/2012 | | | | | | | | | | | | | | | | | | | | |
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| Natalia CHEBOTAREVA | 12/06/2011 | | | | | | | | | | | | | | | | | | | | |
| Andrea RICCI | 12/10/2011 | | | | | | | | | | | | | | | | | | | | |
| Kristina BARDON | 12/06/2011 | | | | | | | | | | | | | | | | | | | | |
| RECEIVING PARTY DATA | | | | | | | | | | | | | | | | | | | | | |
| Name: | BASF SE | | | | | | | | | | | | | | | | | | | | |
| Street Address: | . | | | | | | | | | | | | | | | | | | | | |
| City: | Ludwigshafen | | | | | | | | | | | | | | | | | | | | |
| State/Country: | Germany | | | | | | | | | | | | | | | | | | | | |
| Postal Code: | 67056 | | | | | | | | | | | | | | | | | | | | |
| 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>13378878</td> </tr> </tbody> </table> | | Property Type | Number | Application Number: | 13378878 | | | | | | | | | | | | | | | | |
| Property Type | Number | | | | | | | | | | | | | | | | | | | | |
| Application Number: | 13378878 | | | | | | | | | | | | | | | | | | | | |
| CORRESPONDENCE DATA | | | | | | | | | | | | | | | | | | | | | |
| Fax Number: | (703)413-2220 | | | | | | | | | | | | | | | | | | | | |
| Phone: | (703) 413-3000 | | | | | | | | | | | | | | | | | | | | |
| Email: | asomaiel@oblon.com | | | | | | | | | | | | | | | | | | | | |
| <i>Correspondence will be sent to the e-mail address first; if that is unsuccessful, it will be sent via US Mail.</i> | | | | | | | | | | | | | | | | | | | | | |
| Correspondent Name: | Oblon, Spivak, et al. | | | | | | | | | | | | | | | | | | | | |
| Address Line 1: | 1940 Duke Street | | | | | | | | | | | | | | | | | | | | |
| Address Line 4: | Alexandria, VIRGINIA 22314 | | | | | | | | | | | | | | | | | | | | |

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| ATTORNEY DOCKET NUMBER: | 390449US99PCT |
| NAME OF SUBMITTER: | Adel Samuel |
| Total Attachments: 6 source=390449USAssignment#page1.tif source=390449USAssignment#page2.tif source=390449USAssignment#page3.tif source=390449USAssignment#page4.tif source=390449USAssignment#page5.tif source=390449USAssignment#page6.tif | |

Thomas Schäfer

Date

Natalia Chebotareva

Date

Andrea Ricci

Date

Kristina Bardon

Date

Kristina Bardon

02.01.2012

ASSIGNMENT

I / We

Christian Schildknecht, Sandhofer Str.283a, 68307 Mannheim, Germany, Citizen of Germany;
Christian Lennartz, Hans-Purmann-Str. 24, 67105 Schifferstadt, Germany, Citizen of Germany;
Soichi Watanabe, Werderstraße 17, 68165 Mannheim, Germany, Citizen of Japan;
Gerhard Wagenblast, Am Judenacker 8, 67157 Wachenheim, Germany, Citizen of Germany;
Peter Murer, Hohestrasse 166, 4104 Oberwil, Switzerland, Citizen of Switzerland;
Thomas Schäfer, Weidweg 15 d, 4410 Liestal, Switzerland, Citizen of Germany;
Natalia Chebotareva, 33 rue du Gehren, 68220 Hagenthal le Bas, France, Citizen of Russian Federation;
Andrea Ricci, Am Suteracher 3, 8048 Zürich, Switzerland, Citizen of Italy;
Kristina Bardon, Kalvarienbergstrasse 5, 79761 Waldshut, Germany, Citizen of Germany;

for good and valuable consideration, the receipt and adequacy of which is hereby acknowledged, do hereby sell and assign **BASF SE , 67056 Ludwigshafen, Germany** and its successors, assigns and legal representatives all my/our right, title and interest, in and for the United States of America, in and to the invention entitled:

PHENANTHROAZOLE COMPOUNDS AS HOLE TRANSPORTING MATERIALS FOR ELECTRO LUMINESCENT DEVICES

invented by me/us and described in International application no.
No. **PCT/EP2010/058194** filed **11th June 2010**

and all United States Letters Patent which may be granted therefor, and all divisions, reissues, continuations and extensions thereof, the said interest being the entire ownership of the said Letters Patent when granted, to be held and enjoyed by the said **BASF SE** , its successors, assigns or other legal representatives, to the full end of the term for which said Letters Patent may be granted, as fully and entirely as the same would have been held and enjoyed by me/us if this assignment and sale had not been made;

And I/we hereby authorize and request the Commissioner of Patents and Trademarks to issue said Letters Patent to the said **BASF SE** .

Christian Schildknecht

Date

Christian Lennartz

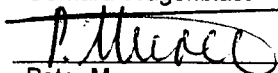
Date

Soichi Watanabe

Date

Gerhard Wagenblast

Date



Peter Murer

2. 12. 2011
Date

Slip

Thomas Schäfer

2.11.2011

Date

Mueo5

Natalia Chebotareva

6.12.2011

Date

Andrea Ricci

K. Bardon

Date

6.12.2011

Kristina Bardon

Date

ASSIGNMENT

I / We

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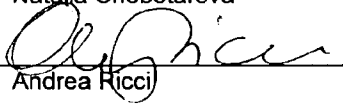
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| _____ | _____ |
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Andrea Ricci

10.12.2011

Date

Kristina Bardon

Date