

## PATENT ASSIGNMENT COVER SHEET

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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>AURELIE LUDEMANN</td> <td>12/09/2013</td> </tr> <tr> <td>ALICE JULLIART</td> <td>11/18/2013</td> </tr> <tr> <td>ANNA HAYER</td> <td>11/06/2013</td> </tr> <tr> <td>ANJA GERHARD</td> <td>12/09/2013</td> </tr> <tr> <td>DOMINIK JOOSTEN</td> <td>12/09/2013</td> </tr> <tr> <td>HOLGER HEIL</td> <td>12/09/2013</td> </tr> <tr> <td>FABRICE ECKES</td> <td>10/23/2013</td> </tr> </tbody> </table>		Name	Execution Date	AURELIE LUDEMANN	12/09/2013	ALICE JULLIART	11/18/2013	ANNA HAYER	11/06/2013	ANJA GERHARD	12/09/2013	DOMINIK JOOSTEN	12/09/2013	HOLGER HEIL	12/09/2013	FABRICE ECKES	10/23/2013
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CORRESPONDENCE DATA																	
Fax Number:	(302)658-5614																
Phone:	302-658-9141																
Email:	dedocketing@novakdruce.com																
<i>Correspondence will be sent via US Mail when the email attempt is unsuccessful.</i>																	
Correspondent Name:	CLAUDIA SCHULTZE																
Address Line 1:	P O BOX 2207																
Address Line 4:	WILMINGTON, DELAWARE 19899-2207																
ATTORNEY DOCKET NUMBER:	14113-00375-US																

NAME OF SUBMITTER:	CLAUDIA SCHULTZE
Signature:	/Claudia Schultze/
Date:	01/06/2014
<p>Total Attachments: 6 source=Assignment#page1.tif source=Assignment#page2.tif source=Assignment#page3.tif source=Assignment#page4.tif source=Assignment#page5.tif source=Assignment#page6.tif</p>	

**ASSIGNMENT BY INVENTORS**

**THIS ASSIGNMENT**, made this \_\_\_\_\_ day of \_\_\_\_\_, \_\_\_\_\_, by Aurélie Ludemann, Alice Julliard, Anna Hayer, Anja Gerhard, Dominik Joosten, Holger Heil, Fabrice Eckes (hereinafter referred to as Assignors), residing at c/o Merck KGaA, Frankfurter Strasse 250, 64293 Darmstadt, Germany, respectively;

**WHEREAS**, Assignors have invented certain new and useful improvements in **compositions for organic electroluminescent devices**, set forth in a Patent application for which an International Application was filed on 29 June 2012, PCT/EP2012/002752, designating the United States; and

**WHEREAS**, Merck Patent GmbH, a corporation organized under and pursuant to the laws of Germany having its principal place of business at Frankfurter Strasse 250, 64293 Darmstadt, GERMANY (hereinafter referred to as Assignee), is desirous of acquiring the entire right, title and interest in and to said inventions and said Application for Letters Patent of the United States, and in and to any Letters Patent of the United States to be obtained therefore and thereon.

**NOW, THEREFORE**, in consideration of One Dollar (\$1.00) and other good and sufficient consideration, the receipt of which is hereby acknowledged, Assignors have sold, assigned, transferred and set over, and by these presents do sell, assign, transfer and set over, unto Assignee, its successors, legal representatives and assigns, the entire right, title and interest in and to the above-mentioned inventions and application for Letters Patent, and in and to any and all direct and indirect divisions, continuations and continuations-in-part of said application, and any and all Letters Patent in the United States and all foreign countries which may be granted therefore and thereon, and reissues, reexaminations and extensions of said Letters Patent, and all rights under the International Convention for the Protection of Industrial Property, the same to be held and enjoyed by Assignee, for its own use and benefit and the use and benefit of its successors, legal representatives and assigns, to the full end of the term or terms for which Letters Patent may be granted and/or extended, as fully and entirely as the same would have been held and enjoyed by Assignors, had this sale and assignment not been made.

AND for the same consideration, Assignors hereby represent and warrant to Assignee, its successors, legal representatives and assigns, that, at the time of execution and delivery of these presents, except for any rights, titles and/or interests that have arisen to Assignee under law or that have already been transferred to Assignee, Assignors are the sole and lawful owners of the entire right, title and interest in and to the said inventions and application for Letters Patent above-mentioned, and that the same are unencumbered and that Assignors have good and full right and lawful authority to sell and convey the same in the manner herein set forth.

AND for the same consideration, Assignors hereby covenant and agree to and with Assignee, its successors, legal representatives and assigns, that Assignors will sign all papers and documents, take all lawful oaths and do all acts necessary or required to be done for the procurement, maintenance, enforcement and defense of any Letters Patent and applications for Letters Patent for said inventions, without charge to Assignee, its successors, legal representatives and assigns, whenever counsel of Assignee, or counsel of its successors, legal representatives and assigns, shall advise: that any proceeding in connection with said inventions, or said Patent application for Letters Patent, or any proceeding in connection with any Letters Patent or applications for Letters Patent for said inventions in any country, including but not limited to interference proceedings, is lawful and desirable; or, that any division, continuation or continuation-in-part of any application for Letters Patent, or any reissue, reexamination or extension of any Letters Patent, to be obtained thereon, is lawful and desirable.

AND Assignors hereby request the Commissioner for Patents and Trademarks to issue said Letters Patent of the United States to Assignee, as Assignee of said inventions and the Letters Patent to be issued thereon, for the sole use and benefit of Assignee, its successors, legal representatives and assigns.

AND Assignors hereby grant the following individuals the power to insert on this Assignment any further identification which may be necessary or desirable in order to comply with the rules of the United States Patent and Trademark Office for recordation of this document:

NOVAK DRUCE CONNOLLY BOVE + QUIGG LLP

All practitioners at Customer Number 23416

AND Assignors acknowledge an obligation of assignment of this invention to Assignee at the time the invention was made.

Date: 09. Dez. 2013

Signature: Aurèle Ludemann  
Aurèle Ludemann

Date: \_\_\_\_\_

Signature: \_\_\_\_\_  
Alice Julliard

Date: 06/11/2013

Signature: Anna Hayer  
Anna Hayer

Date: 09. Dez. 2013

Signature: Anja Gerhard  
Anja Gerhard

Date: 09. Dez. 2013

Signature: Dominik Joosten  
Dominik Joosten

Date: 09. Dez. 2013

Signature: Holger Heil  
Holger Heil

Date: 23.10.2013

Signature: Fabrice Eckes  
Fabrice Eckes

Date: \_\_\_\_\_

Signature: \_\_\_\_\_

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NOVAK DRUCE CONNOLLY BOVE + QUIGG LLP


All practitioners at Customer Number 23416

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Date: \_\_\_\_\_

Signature: \_\_\_\_\_  
Aurélie Ludemann

Date: 18/11/2013

Signature:  \_\_\_\_\_  
Alice Julliard

Date: \_\_\_\_\_

Signature: \_\_\_\_\_  
Anna Hayer

Date: \_\_\_\_\_

Signature: \_\_\_\_\_  
Anja Gerhard

Date: \_\_\_\_\_

Signature: \_\_\_\_\_  
Dominik Joosten

Date: \_\_\_\_\_

Signature: \_\_\_\_\_  
Holger Heil

Date: \_\_\_\_\_

Signature: \_\_\_\_\_  
Fabrice Eckes

Date: \_\_\_\_\_

Signature: \_\_\_\_\_