

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>Michael Zitzlsperger</td> <td>02/02/2012</td> </tr> <tr> <td>Eckhard Ditzel</td> <td>01/26/2012</td> </tr> <tr> <td>Jorg Erich Sorg</td> <td>02/16/2012</td> </tr> </tbody> </table>		Name	Execution Date	Michael Zitzlsperger	02/02/2012	Eckhard Ditzel	01/26/2012	Jorg Erich Sorg	02/16/2012		
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<table border="1"> <tr> <td>Name:</td> <td>OSRAM Opto Semiconductors GmbH</td> </tr> <tr> <td>Street Address:</td> <td>Leibnizstrasse 4</td> </tr> <tr> <td>City:</td> <td>Regensburg</td> </tr> <tr> <td>State/Country:</td> <td>GERMANY</td> </tr> <tr> <td>Postal Code:</td> <td>93055</td> </tr> </table>		Name:	OSRAM Opto Semiconductors GmbH	Street Address:	Leibnizstrasse 4	City:	Regensburg	State/Country:	GERMANY	Postal Code:	93055
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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>13377910</td> </tr> </tbody> </table>		Property Type	Number	Application Number:	13377910						
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Application Number:	13377910										
CORRESPONDENCE DATA											
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Address Line 4: Philadelphia, PENNSYLVANIA 19103

ATTORNEY DOCKET NUMBER:	EHF-11-1431
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NAME OF SUBMITTER:	Carol Coney
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Total Attachments: 3 source=EHF-11-1431#page1.tif source=EHF-11-1431#page2.tif source=EHF-11-1431#page3.tif
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Sheet 1 of 3

Attorney Docket No.: EHF-11-1431
P2009.0721 US N
(FM/SSE)

ASSIGNMENT

WHEREAS, we, Michael Zitzlsperger, Eckhard Ditzel and Jörg Erich Sorg, citizens of Germany, residing at Schattenhofergasse 4, 93047 Regensburg, Germany, Bornweg 24, 63589 Linsengericht, Germany and Gozratstrasse 12, 93053 Regensburg, Germany, respectively, (hereinafter referred to as "the undersigned"), having made an invention entitled OPTOELECTRONIC COMPONENT, identified in International Application No. PCT/EP2010/057442, and US Application No. 13/377,910, (DLA Piper is authorized to insert the Serial No. when known),

WHEREAS, OSRAM Opto Semiconductors GmbH, with offices at Leibnizstrasse 4, 93055 Regensburg, Germany AND Heraeus Materials Technology GmbH & Co. KG, with offices at Heraeusstrasse 12-14, 63450 Hanau, Germany (hereinafter referred to as "the assignees"), are desirous of acquiring the entire right, title and interest in said invention, said US application and all letters patent issuing for said invention,

NOW, THEREFORE, in consideration of One Dollar (\$1.00) and of other good and valuable consideration, receipt of which is hereby acknowledged, the undersigned, intending to be legally bound, do hereby sell, assign and transfer to the assignees the entire right, title and interest, for the United States of America, its territories and possessions, and for all foreign countries, in said invention, including said US application, all divisions and continuations thereof, all rights to claim priority based thereon, all rights to file foreign applications on said invention, and all letters patent and reissues thereof, issuing for said invention in the United States of America and in any and all foreign countries.

It is agreed that the undersigned shall be legally bound, upon request of the assignees, or their successors or assigns or a legal representative thereof, to supply all information and evidence of which the undersigned has knowledge or possession, relating to the making and practice of said invention, to testify in any legal proceeding relating thereto, to execute all instruments proper to patent the invention in the United States of America and foreign countries in the name of the assignees, and to execute all instruments proper to carry out the intent of this instrument. If the undersigned includes more than one individual, these obligations shall apply to all of the undersigned both individually and collectively.

The rights and property herein conveyed by the undersigned are free and clear of any encumbrance.

EXECUTED on the date(s) set forth below.

Feb 2nd, 2012
Date

Date

Date

EAST\47418710.1


Michael Zitzlsperger

Eckhard Ditzel

Jörg Erich Sorg

Sheet 2 of 3

Attorney Docket No.: EHF-11-1431
P2009,0721 US N
(FM/SSE)

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EXECUTED on the date(s) set forth below.

Date

Jan 26th 2012
Date

Michael Zitzlsperger


Eckhard Ditzel

Date

EAST\47*19710.1

Jörg Erich Sorg

Sheet 3 of 3

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Michael Zitzlsperger

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Eckhard Ditzel

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PATENT

GESAMTSEITEN 09

RECORDED: 02/22/2012

REEL: 027742 FRAME: 0133