

# PATENT ASSIGNMENT

Electronic Version v1.1

Stylesheet Version v1.1

SUBMISSION TYPE:	NEW ASSIGNMENT											
NATURE OF CONVEYANCE:	ASSIGNMENT											
CONVEYING PARTY DATA												
<table border="1" style="width: 100%; border-collapse: collapse;"> <thead> <tr> <th style="width: 70%;">Name</th> <th style="width: 30%;">Execution Date</th> </tr> </thead> <tbody> <tr> <td>Stefan Grotsch</td> <td>06/30/2008</td> </tr> <tr> <td>Berthold Hahn</td> <td>06/11/2008</td> </tr> <tr> <td>Stefan Illek</td> <td>06/13/2008</td> </tr> <tr> <td>Wolfgang Schnabel</td> <td>06/30/2008</td> </tr> </tbody> </table>			Name	Execution Date	Stefan Grotsch	06/30/2008	Berthold Hahn	06/11/2008	Stefan Illek	06/13/2008	Wolfgang Schnabel	06/30/2008
Name	Execution Date											
Stefan Grotsch	06/30/2008											
Berthold Hahn	06/11/2008											
Stefan Illek	06/13/2008											
Wolfgang Schnabel	06/30/2008											
RECEIVING PARTY DATA												
<table border="1" style="width: 100%; border-collapse: collapse;"> <tr> <td style="width: 20%;">Name:</td> <td>OSRAM Opto Semiconductors GmbH</td> </tr> <tr> <td>Street Address:</td> <td>Liebnizstrasse 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:	Liebnizstrasse 4	City:	Regensburg	State/Country:	GERMANY	Postal Code:	93055
Name:	OSRAM Opto Semiconductors GmbH											
Street Address:	Liebnizstrasse 4											
City:	Regensburg											
State/Country:	GERMANY											
Postal Code:	93055											
PROPERTY NUMBERS Total: 1												
<table border="1" style="width: 100%; border-collapse: collapse;"> <thead> <tr> <th style="width: 30%;">Property Type</th> <th style="width: 70%;">Number</th> </tr> </thead> <tbody> <tr> <td>Application Number:</td> <td>11885204</td> </tr> </tbody> </table>			Property Type	Number	Application Number:	11885204						
Property Type	Number											
Application Number:	11885204											
CORRESPONDENCE DATA												
<p>Fax Number: (212)972-5487</p> <p><i>Correspondence will be sent via US Mail when the fax attempt is unsuccessful.</i></p> <p>Phone: 212-687-2770</p> <p>Email: Docket@cplplaw.com</p> <p>Correspondent Name: Cohen, Pontani, Lieberman &amp; Pavane</p> <p>Address Line 1: 551 Fifth Avenue</p> <p>Address Line 4: New York, NEW YORK 10176</p>												
ATTORNEY DOCKET NUMBER:	5367-315PUS											
NAME OF SUBMITTER:	/Thomas Langer/											
<p>Total Attachments: 6</p> <p>source=20080812131523#page1.tif</p>												

CH \$40.00 11885204

**500618619**

**PATENT**  
**REEL: 021373 FRAME: 0556**

source=20080812131523#page2.tif  
source=20080812131523#page3.tif  
source=20080812131523#page4.tif  
source=20080812131523#page5.tif  
source=20080812131523#page6.tif

## ASSIGNMENT

In consideration of One Dollar (\$1.00), and other good and valuable consideration, the receipt of which is hereby acknowledged, We the undersigned, **Stefan GRÖTSCH, Berthold HAHN, Stefan ILLEK, Wolfgang SCHNABEL** (hereinafter referred to as "ASSIGNOR"):

Hereby sell, assign and transfer to **Osram Opto Semiconductors GmbH** hereinafter referred to as "ASSIGNEE"), a corporation of German, having a place of business at **Liebnizstrasse 4, 93055 Regensburg, Germany**, respectively, its successors, assigns and legal representatives, the entire right, title and interest for the United States and all foreign countries, in and to the invention which is disclosed in the application for United States Letters Patent Serial No. 11/885,204, and which is entitled

### **MODULE COMPRISING RADIATION-EMITTING SEMICONDUCTOR BODIES**

and in and to said application and all divisional, continuing, substitute, renewal, reissue, and all other applications for Letters Patent which have been or shall be filed in the United States and all foreign countries on said invention; and in and to all original, reissued and other patents and certificates of invention which have been or shall be issued in the United States and all foreign countries on said invention;

Agree that said Assignee may apply for and receive Letters Patent for said invention in its own name, and that, when requested, without further consideration from or charge to, but at the expense of said Assignee, its successors, assigns and legal representatives, to carry out in good faith the intent and purpose of this assignment, the undersigned will execute all divisional, continuing, substitute, renewal, reissue, and all other patent applications on said invention; execute

all rightful oaths, assignments, powers of attorney and other papers; communicate to said Assignee, its successors, assigns, and representatives, all facts known to the undersigned relating to said invention and the history thereof; and generally do everything possible which said Assignee, its successors, assigns or representatives shall consider desirable for aiding in securing and maintaining proper patent protection for said invention and for vesting title to said invention and all applications for patents and all patents on said invention, in said Assignee, its successors, assigns and legal representatives; and

Covenant with said Assignee, its successors, assigns and legal representatives that no assignment, grant, mortgage, license or other agreement affecting the rights and property herein conveyed has been made to others by the undersigned, and that full right to convey the same as herein expressed is possessed by the undersigned.

Date: 06/30/2008  
month/day/year

  
Stefan GROTSCH

D. Ratz  
Witness  
B. Rieder  
Witness

Date: \_\_\_\_\_  
month/day/year

Berthold HAHN

\_\_\_\_\_  
Witness

\_\_\_\_\_  
Witness

Date:                       
month/day/year

Stefan ILLEK

                      
Witness

                      
Witness

Date: 06/30/2008  
month/day/year

W. Schnabel  
Wolfgang SCHNABEL

                      
Witness

                      
Witness

Note: Signature of a witness is preferable, but not required.

## ASSIGNMENT

In consideration of One Dollar (\$1.00), and other good and valuable consideration, the receipt of which is hereby acknowledged, We the undersigned, **Stefan GRÖTSCH, Berthold HAHN, Stefan ILLEK, Wolfgang SCHNABEL** (hereinafter referred to as "ASSIGNOR"):

Hereby sell, assign and transfer to **Osram Opto Semiconductors GmbH** hereinafter referred to as "ASSIGNEE"), a corporation of German, having a place of business at **Liebnizstrasse 4, 93055 Regensburg, Germany**, respectively, its successors, assigns and legal representatives, the entire right, title and interest for the United States and all foreign countries, in and to the invention which is disclosed in the application for United States Letters Patent Serial No. 11/885,204, and which is entitled

### **MODULE COMPRISING RADIATION-EMITTING SEMICONDUCTOR BODIES**

and in and to said application and all divisional, continuing, substitute, renewal, reissue, and all other applications for Letters Patent which have been or shall be filed in the United States and all foreign countries on said invention; and in and to all original, reissued and other patents and certificates of invention which have been or shall be issued in the United States and all foreign countries on said invention;

Agree that said Assignee may apply for and receive Letters Patent for said invention in its own name, and that, when requested, without further consideration from or charge to, but at the expense of said Assignee, its successors, assigns and legal representatives, to carry out in good faith the intent and purpose of this assignment, the undersigned will execute all divisional, continuing, substitute, renewal, reissue, and all other patent applications on said invention; execute

all rightful oaths, assignments, powers of attorney and other papers; communicate to said Assignee, its successors, assigns, and representatives, all facts known to the undersigned relating to said invention and the history thereof; and generally do everything possible which said Assignee, its successors, assigns or representatives shall consider desirable for aiding in securing and maintaining proper patent protection for said invention and for vesting title to said invention and all applications for patents and all patents on said invention, in said Assignee, its successors, assigns and legal representatives; and

Covenant with said Assignee, its successors, assigns and legal representatives that no assignment, grant, mortgage, license or other agreement affecting the rights and property herein conveyed has been made to others by the undersigned, and that full right to convey the same as herein expressed is possessed by the undersigned.


Date: \_\_\_\_\_  
month/day/year

\_\_\_\_\_  
Stefan GROTSCH

\_\_\_\_\_  
Witness

\_\_\_\_\_  
Witness

Date: 06/14/08  
month/day/year

  
\_\_\_\_\_  
Berthold HAHN

\_\_\_\_\_  
Witness

\_\_\_\_\_  
Witness

Date: June 13<sup>rd</sup> / 2008  
month/day/year

Stefan Allek  
Stefan ALLEK

[Signature]  
Witness  
[Signature]  
Witness

Date: \_\_\_\_\_  
month/day/year

\_\_\_\_\_  
Wolfgang SCHNABEL

\_\_\_\_\_  
Witness

\_\_\_\_\_  
Witness

Note: Signature of a witness is preferable, but not required.