

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>Siegfried Herrmann</td> <td>09/04/2009</td> </tr> <tr> <td>Berthold Hahn</td> <td>09/04/2009</td> </tr> <tr> <td>Joerg Sorg</td> <td>09/04/2009</td> </tr> <tr> <td>Stefan Gruber</td> <td>09/04/2009</td> </tr> </tbody> </table>		Name	Execution Date	Siegfried Herrmann	09/04/2009	Berthold Hahn	09/04/2009	Joerg Sorg	09/04/2009	Stefan Gruber	09/04/2009
Name	Execution Date										
Siegfried Herrmann	09/04/2009										
Berthold Hahn	09/04/2009										
Joerg Sorg	09/04/2009										
Stefan Gruber	09/04/2009										
RECEIVING PARTY DATA											
Name:	OSRAM Opto Semiconductors GmbH										
Street Address:	Leibnizstrasse 4										
City:	Regensburg										
State/Country:	Germany										
Postal Code:	93055										
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>12528960</td> </tr> </tbody> </table>		Property Type	Number	Application Number:	12528960						
Property Type	Number										
Application Number:	12528960										
CORRESPONDENCE DATA											
Fax Number:	(972)732-9218										
<i>Correspondence will be sent via US Mail when the fax attempt is unsuccessful.</i>											
Phone:	972-732-1001										
Email:	lreyes@slater-matsil.com										
Correspondent Name:	Slater & Matsil, L.L.P.										
Address Line 1:	17950 Preston Rd.										
Address Line 2:	Suite 1000										
Address Line 4:	Dallas, TEXAS 75252										
ATTORNEY DOCKET NUMBER:	OSR-027										
NAME OF SUBMITTER:	Lisette Reyes Washington										
Total Attachments: 2											

CH \$40.00 12528960

500970191

**PATENT
 REEL: 023272 FRAME: 0576**

source=OSR-027_Assignment#page1.tif

source=OSR-027_Assignment#page2.tif

ASSIGNMENT

For good and valuable consideration, I, **Siegfried Herrmann**, residing at Hauptstrasse 24, 94362 Neukirchen, Germany, a citizen of Germany; **Berthold Hahn**, residing at Am Pfannenstiel 2, 93155 Hemau, Germany, a citizen of Germany; **Joerg Sorg**, residing at Gozratstrasse 12, 93053 Regensburg, Germany, a citizen of Germany; **Stefan Gruber**, residing at Weichser Weg 10, 93077 Bad Abbach, Germany, a citizen of Germany;

hereby sell, assign, and transfer to **OSRAM Opto Semiconductors GmbH**, a corporation organized and existing under the laws of Germany, having its principal place of business at Leibnizstrasse 4, 93055 Regensburg, Germany;

hereinafter "Assignee", its successors, assigns and legal representatives, the entire right, title and interest in and for the United States and all foreign countries, in and to any and all improvements which are disclosed in the application for United States Letters Patent, which has been executed by the undersigned concurrently herewithin, and is entitled:

Arrangement With a Semiconductor Chip and an Optical Waveguide Layer

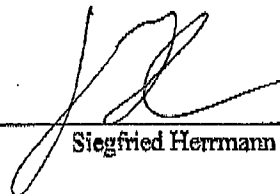
and in and to said application and all divisional, continuing substitute, renewal, reissue, and all other applications for Letters Patent which have been or shall be filed in the United States and all foreign countries on any of said improvements; and in and to all original and reissued patents which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

Agree that Assignee may apply for and receive Letters Patent for said improvements in its own name, and that, when requested, without charge to but at the expense of said Assignee, their successors, assigns, and legal representatives to carry out in good faith the intent and purpose of this agreement, the undersigned will execute all divisional, continuing substitute, renewal, reissue, and all other patent applications on any and all said improvements; 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 improvements 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 improvements and for vesting title to said improvements and all applications for patents and all patents on said improvements, 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: September 104/2009


Siegfried Herrmann

Date: September 104/2009


Berthold Hahn

Date: September 104/2009


Jberg Sorg

Date: September 104/2009


Stefan Gruber