

## 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>Alfred LELL</td> <td>04/12/2012</td> </tr> <tr> <td>Stefanie RAMMELSBERGER</td> <td>04/12/2012</td> </tr> </tbody> </table>		Name	Execution Date	Alfred LELL	04/12/2012	Stefanie RAMMELSBERGER	04/12/2012				
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RECEIVING PARTY DATA											
<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											
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Application Number:	13388257										
CORRESPONDENCE DATA											
Fax Number:	(212)986-0604										
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ATTORNEY DOCKET NUMBER:	5367-735PUS-317548.000										
NAME OF SUBMITTER:	Thomas Langer										
Total Attachments: 2 source=317548-2#page1.tif source=317548-2#page2.tif											

CH \$40.00 13388257

## ASSIGNMENT

In consideration of One Dollar (\$1.00), and other good and valuable consideration, the receipt of which is hereby acknowledged, We the undersigned, **Alfred LELL, Stefanie RAMMELSBERGER** (hereinafter referred to as "ASSIGNORS"):

Hereby sell, assign and transfer to **OSRAM Opto Semiconductors GmbH**, (hereinafter referred to as "ASSIGNEE"), a corporation of Germany, having a place of business at Leibnizstrasse 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, which is the U.S. national stage application of International PCT Application No. **PCT/DE2010/000751**, filed on **June 28, 2010**, and which is entitled

### **BROAD AREA LASER HAVING AN EPITAXIAL STACK OF LAYERS AND METHOD FOR THE PRODUCTION THEREOF**


and in and to said application and all provisional, 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: 12-04-2012  
month/day/year

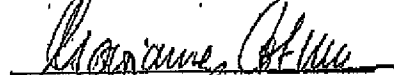
  
Alfred LELL


  
Witness

  
Witness

Date: 12-04-2012  
month/day/year

  
Stefanie RAMELSBERGER

  
Witness

  
Witness

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