

**PATENT ASSIGNMENT**

Electronic Version v1.1  
 Stylesheet Version v1.1

SUBMISSION TYPE:	NEW ASSIGNMENT
NATURE OF CONVEYANCE:	ASSIGNMENT
<b>CONVEYING PARTY DATA</b>	
<b>Name</b>	<b>Execution Date</b>
Stefan Groetsch	06/25/2009
Moritz Engl	06/29/2009
Steffen Koehler	09/09/2009
Simon Bluemel	07/01/2009
Michael Hiegler	06/26/2009
Thomas Zeiler	08/17/2009
<b>RECEIVING PARTY DATA</b>	
<b>Name:</b>	OSRAM Opto Semiconductors GmbH
<b>Street Address:</b>	Leibnizstrasse 4
<b>City:</b>	Regensburg
<b>State/Country:</b>	Germany
<b>Postal Code:</b>	93055
<b>PROPERTY NUMBERS Total: 1</b>	
<b>Property Type</b>	<b>Number</b>
<b>Application Number:</b>	12520007
<b>CORRESPONDENCE DATA</b>	
<b>Fax Number:</b>	(972)732-9218
<i>Correspondence will be sent via US Mail when the fax attempt is unsuccessful.</i>	
<b>Phone:</b>	972-732-1001
<b>Email:</b>	lreyes@slater-matsil.com
<b>Correspondent Name:</b>	Slater & Matsil, L.L.P.
<b>Address Line 1:</b>	17950 Preston Rd.
<b>Address Line 2:</b>	Suite 1000
<b>Address Line 4:</b>	Dallas, TEXAS 75252
<b>ATTORNEY DOCKET NUMBER:</b>	OSR-017

CH \$40.00 12520007

**500970213**

**PATENT  
 REEL: 023272 FRAME: 0694**

NAME OF SUBMITTER:

Lisette Reyes Washington

**Total Attachments: 6**

source=OSR-017\_Assignment#page1.tif

source=OSR-017\_Assignment#page2.tif

source=OSR-017\_Assignment#page3.tif

source=OSR-017\_Assignment#page4.tif

source=OSR-017\_Assignment#page5.tif

source=OSR-017\_Assignment#page6.tif

### ASSIGNMENT

For good and valuable consideration, I, **Stefan Groetsch**, residing at Waldstrasse 6, 93077 Lengfeld-Bad Abbach, Germany, a citizen of Germany; **Moritz Engl**, residing at Solweg 2, 93055 Regensburg, Germany, a citizen of Germany; **Steffen Koehler**, residing at Wilhelmstrasse 25, 93049 Regensburg, Germany, a citizen of Germany; **Simon Bluemel**, residing at Grabenstrasse 2, 84069 Schierling, Germany, a citizen of Germany; **Michael Hiegler**, residing at Lessingstrasse 16, 73557 Mutlangen, Germany, a citizen of Germany; **Thomas Zeiler**, residing at Buchenstrasse 3, 93152 Nittendorf, 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:

#### **Lens Arrangement and LED Display Device**

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: 25<sup>th</sup> June 2009

  
\_\_\_\_\_  
Stefan Groetsch

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

\_\_\_\_\_  
Moritz Engl

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

\_\_\_\_\_  
Steffen Koehler

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

\_\_\_\_\_  
Simon Blumel

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

\_\_\_\_\_  
Michael Hiegler

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

\_\_\_\_\_  
Thomas Zeiler

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: \_\_\_\_\_

\_\_\_\_\_  
Stefan Groetsch

Date: 29. June 2009

  
\_\_\_\_\_  
Moritz Engl

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

\_\_\_\_\_  
Steffen Koehler

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

\_\_\_\_\_  
Simon Bluemel

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

\_\_\_\_\_  
Michael Hiegler

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

\_\_\_\_\_  
Thomas Zeiler

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.

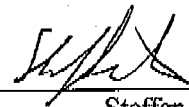
Date: \_\_\_\_\_

Stefan Groetsch

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

Moritz Engl

Date: Sept. 9<sup>th</sup> 2009



Steffen Koehler

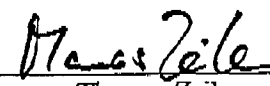
Date: \_\_\_\_\_

Simon Bluemel

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

Michael Hiegler

Date: Aug. 17<sup>th</sup> 2009



Thomas Zciler

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: \_\_\_\_\_

\_\_\_\_\_  
Stefan Groetsch

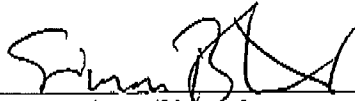
Date: \_\_\_\_\_

\_\_\_\_\_  
Moritz Engl

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

\_\_\_\_\_  
Steffen Koehler

Date: July 1<sup>st</sup> 2009

  
\_\_\_\_\_  
Simon Bluemel

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

\_\_\_\_\_  
Michael Hiegler

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

\_\_\_\_\_  
Thomas Zeiler

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: \_\_\_\_\_

\_\_\_\_\_  
Stefan Groetsch

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

\_\_\_\_\_  
Moritz Engl

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

\_\_\_\_\_  
Steffen Koehler

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

\_\_\_\_\_  
Simon Bluemel

Date: 26.06.2009

  
\_\_\_\_\_  
Michael Hiegler

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

\_\_\_\_\_  
Thomas Zeiler