

PATENT ASSIGNMENT

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SUBMISSION TYPE:	NEW ASSIGNMENT
NATURE OF CONVEYANCE:	ASSIGNMENT
CONVEYING PARTY DATA	
Name	Execution Date
Tony ALBRECHT	11/09/2007
Stephan LUTGEN	11/09/2007
Wolfgang REILL	11/09/2007
Thomas SCHWARZ	11/12/2007
Ulrich STEEGMULLER	11/10/2007
RECEIVING PARTY DATA	
Name:	Osram Opto Semiconductors GmbH
Street Address:	Wernerwerkstr. 2
City:	Regensburg
State/Country:	GERMANY
Postal Code:	93049
PROPERTY NUMBERS Total: 1	
Property Type	Number
Application Number:	11663617
CORRESPONDENCE DATA	
Fax Number:	(212)972-5487
<i>Correspondence will be sent via US Mail when the fax attempt is unsuccessful.</i>	
Phone:	2126872770
Email:	docket@cplplaw.com
Correspondent Name:	Cohen Pontani Lieberman & Pavane
Address Line 1:	551 Fifth Avenue
Address Line 4:	New York, NEW YORK 10176
ATTORNEY DOCKET NUMBER:	5367-292PUS
NAME OF SUBMITTER:	Thomas Langer

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**PATENT
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Total Attachments: 3

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PATENT

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ASSIGNMENT

In consideration of One Dollar (\$1.00), and other good and valuable consideration, the receipt of which is hereby acknowledged, We the undersigned, **Tony ALBRECHT, Stephan LUTGEN, Wolfgang REILL, Thomas SCHWARZ, Ulrich STEEGMÜLLER** (hereinafter referred to as "ASSIGNOR"):

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 **Wernerwerkstr. 2, 93049 Regensburg, Germany**, 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/DE2005/001655**, filed on **September 20, 2005**, and which is entitled

LATERAL OPTICALLY PUMPED SURFACE-EMITTING SEMICONDUCTOR LASER ON A HEAT SINK

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: 11/09/2007
month/day/year

Tony Albrecht
Tony ALBRECHT

[Signature]
Witness

Way Riker
Witness

Date: 11/09/2007
month/day/year

Stephan Lutgen
Stephan LUTGEN

[Signature]
Witness

Markus Schindler
Witness

Date: 11/09/2007
month/day/year

Wang Rih
Wolfgang REILL

Tommy Blahut
Witness
Schut Rih
Witness

Date: 11/12/2007
month/day/year

Schut Rih
Thomas SCHWARZ
Miller
Witness
Miller
Witness

Date: 11/10/2007
month/day/year

Ulrich Steegmuller
Ulrich STEEGMULLER
Schut Rih
Witness
Miller
Witness

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