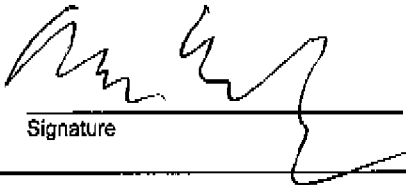


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 Client's Ref. No.: P2002,0691 US N

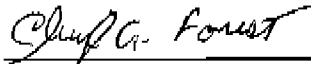
RECORDATION FORM COVER SHEET PATENTS ONLY

Commissioner for Patents: Please record the attached original document(s) or copy(ies).	
1. Name of conveying party(ies): Christian Karnutsch, Peter Stauss and Klaus Streubel Additional name(s) attached? <input type="checkbox"/> Yes <input checked="" type="checkbox"/> No	2. Name and address of receiving party(ies): Osram Opto Semiconductors GmbH Wernerwerkstrasse 2 93049 Regensburg Germany Additional names/addresses attached? <input type="checkbox"/> Yes <input checked="" type="checkbox"/> No
3. Nature of conveyance: <input checked="" type="checkbox"/> Assignment <input type="checkbox"/> Merger <input type="checkbox"/> Security Agreement <input type="checkbox"/> Change of Name <input type="checkbox"/> Other: Execution Date: Christian Karnutsch 01/17/2005 Peter Stauss 01/24/2005 Klaus Streubel 01/24/2005	
4. Application number(s) or patent number(s): If this document is being filed with a new application, the execution date of the application is: A. Patent Application No(s).: 10/524,186 B. Patent No(s).: Additional numbers attached? <input type="checkbox"/> Yes <input checked="" type="checkbox"/> No	
5. Name/address of party to whom correspondence concerning document should be mailed: MARC M. WEFERS, PH.D., J.D. Fish & Richardson P.C. 225 Franklin Street Boston, MA 02110	6. Total number of applications/patents involved: 1 7. Total fee (37 CFR §3.41): \$40 <input type="checkbox"/> Enclosed <input checked="" type="checkbox"/> Authorized to charge Deposit Account. 8. Deposit Account No.: 06-1050 Please apply any additional charges, or any credits, to our Deposit Account No. 06-1050.
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9. Statement and Signature: <i>To the best of my knowledge and belief, the foregoing information is true and correct and any attached copy is a true copy of the original document.</i> <div style="display: flex; justify-content: space-between; align-items: flex-end; margin-top: 20px;"> <div style="width: 30%;"> Marc M. Wefers Reg. No. 56,842 Name of Person Signing </div> <div style="width: 30%; text-align: center;">  Signature </div> <div style="width: 30%; text-align: center;"> 1/23/06 Date </div> </div>	
Total number of pages including coversheet, attachments and document: 5	

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I hereby certify that this correspondence is being transmitted by facsimile to the Patent and Trademark Office on the date indicated below.

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PATENT

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Attorney Docket No: 12406-107US1/P2002,0691 US N

ASSIGNMENT

For valuable consideration, we, CHRISTIAN KARNUTSCH of Schneidemuhlerstrasse 16c 76139 Karlsruhe Germany, PETER STAUSS of Rudigerstrasse 11 93186 Pettendorf Germany, KLAUS STREUBEL of Erlenstrasse 7 93164 Laaber Germany, hereby assign to: Osrām Opto Semiconductors GmbH, a corporation of Germany having a place of business at: Wernerwerkstrasse 2 93049 Regensburg Germany; and its successors and assigns (collectively hereinafter called "the Assignee, the entire right, title and interest throughout the world in the inventions and improvements which are subject of an application for United States Patent signed by us, entitled METHOD FOR PRODUCING AN ELECTROMAGNETIC RADIATION-EMITTING SEMICONDUCTOR CHIP AND A CORRESPONDING ELECTROMAGNETIC RADIATION-EMITTING SEMICONDUCTOR CHIP, filed 02/08/2005, and assigned U.S. Serial Number 10/524,186, and we authorize and request the attorneys appointed in said application to hereafter complete this assignment by inserting above the filing date and serial number of said application when known; this assignment including said application, any and all United States and foreign patents, utility models, and design registrations granted for any of said inventions or improvements, and the right to claim priority based on the filing date of said application under the International Convention for the Protection of Industrial Property, the Patent Cooperation Treaty, the European Patent Convention, and all other treaties of like purposes; and we authorize the Assignee to apply in all countries in our name or in its own name for patents, utility models, design registrations and like rights of exclusion and for inventors' certificates for said inventions and improvements; and we agree for ourselves and our respective heirs, legal representatives and assigns, without further compensation to perform such lawful acts and to sign such further applications, assignments, Preliminary Statements and other lawful documents as the Assignee may reasonably request to effectuate fully this assignment.

Attorney Docket No: 12406-107US1/P2002,0691 US N

Christian Karnutsch, 17 January 2005
CHRISTIAN KARNUTSCH

Witnessed by:

Name: Silvia HaefDate: 17 January 2005Name: Christof PfleumDate: 17 January 2005

PETER STAUSS

Witnessed by:

Name: _____

Date: _____

Name: _____

Date: _____

KLAUS STREUBEL

Witnessed by:

Name: _____

Date: _____

Name: _____

Date: _____

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Attorney Docket No: 12406-107US1/P2002,0691 US N

ASSIGNMENT

For valuable consideration, we, CHRISTIAN KARNUTSCH of Schneidemuhlerstrasse 16c 76139 Karlsruhe Germany, PETER STAUSS of Rudigerstrasse 11 93186 Pettendorf Germany, KLAUS STREUBEL of Erlenstrasse 7 93164 Laaber Germany, hereby assign to: Osrām Opto Semiconductors GmbH, a corporation of Germany having a place of business at: Wernerwerkstrasse 2 93049 Regensburg Germany; and its successors and assigns (collectively hereinafter called "the Assignee, the entire right, title and interest throughout the world in the inventions and improvements which are subject of an application for United States Patent signed by us, entitled METHOD FOR PRODUCING AN ELECTROMAGNETIC RADIATION-EMITTING SEMICONDUCTOR CHIP AND A CORRESPONDING ELECTROMAGNETIC RADIATION-EMITTING SEMICONDUCTOR CHIP, filed 02/08/2005 , and assigned U.S. Serial Number 10/524,186 , and we authorize and request the attorneys appointed in said application to hereafter complete this assignment by inserting above the filing date and serial number of said application when known; this assignment including said application, any and all United States and foreign patents, utility models, and design registrations granted for any of said inventions or improvements, and the right to claim priority based on the filing date of said application under the International Convention for the Protection of Industrial Property, the Patent Cooperation Treaty, the European Patent Convention, and all other treaties of like purposes; and we authorize the Assignee to apply in all countries in our name or in its own name for patents, utility models, design registrations and like rights of exclusion and for inventors' certificates for said inventions and improvements; and we agree for ourselves and our respective heirs, legal representatives and assigns, without further compensation to perform such lawful acts and to sign such further applications, assignments, Preliminary Statements and other lawful documents as the Assignee may reasonably request to effectuate fully this assignment.

Attorney Docket No: 12406-107US1/P2002,0691 US N

CHRISTIAN KARNUTSCH

Witnessed by:

Name: _____

Date: _____

Name: _____

Date: _____

Peter Stauff 24th January 2005
PETER STAUSS

Witnessed by:

Name: Wolfgang BaderDate: January 24th 2005Name: Marianne SchumannDate: January 24th, 2005Klaus Streubel January 24, 2005
KLAUS STREUBEL

Witnessed by:

Name: Marianne SchumannDate: January 24, 2005Name: Peter HeiderDate: January 29, 2005

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Assignment Page 2 of 2