

PATENT ASSIGNMENT

Electronic Version v1.1

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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>Berthold Hahn</td><td>01/31/2003</td></tr><tr><td>Ulrich Jacob</td><td>02/04/2003</td></tr><tr><td>Hans-Juergen Lugauer</td><td>02/03/2003</td></tr><tr><td>Manfred Mundbrod-Vangerow</td><td>01/30/2003</td></tr></tbody></table>	Name	Execution Date	Berthold Hahn	01/31/2003	Ulrich Jacob	02/04/2003	Hans-Juergen Lugauer	02/03/2003	Manfred Mundbrod-Vangerow	01/30/2003	
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Manfred Mundbrod-Vangerow	01/30/2003										
RECEIVING PARTY DATA											
Name:	Osram Opto Semiconductors GmbH										
Street Address:	Wernerwerkstrasse 2										
City:	93049 Regensburg										
State/Country:	GERMANY										
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>13079235</td></tr></tbody></table>	Property Type	Number	Application Number:	13079235							
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Application Number:	13079235										
CORRESPONDENCE DATA											
Fax Number: (877)769-7945 <i>Correspondence will be sent via US Mail when the fax attempt is unsuccessful.</i>											
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ATTORNEY DOCKET NUMBER:	12406-0045003										
NAME OF SUBMITTER:	Cheryl A. Forrest										
Total Attachments: 5 source=Assignment#page1.tif source=Assignment#page2.tif source=Assignment#page3.tif source=Assignment#page4.tif source=Assignment#page5.tif											

CH \$40.00 13079235

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PATENT
REEL: 026073 FRAME: 0826

Attorney Docket No: 12406-045US1/P2000,0100 US N

ASSIGNMENT

For valuable consideration, we, Berthold Hahn of Hemau, Germany, Ulrich Jacob of Regensburg, Germany, Hans-Jürgen Lugauer of Sinzing, Germany, and Manfred Mundbrod-Vangerow of Oxenbronn, Germany, hereby assign to: Osram 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 LIGHT-EMITTING-DIODE CHIP COMPRISING A SEQUENCE OF GAN-BASED EPITAXIAL LAYERS WHICH EMIT RADIATION AND A METHOD FOR PRODUCING THE SAME, filed November 25, 2002, and assigned U.S. Serial Number 10/296,596, 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: 12406-045US1/P2000,0100 US N

IN WITNESS WHEREOF, I hereto set my hand and seal at Regensburg,
this 31 day of January, 2003

Berthold Hahn L.S.
BERTHOLD HAHN

Witnessed by: STEPHAN MILLER

Name: Stephan Miller Date: 31.01.2003

Witnessed by: Matthias PETER

Name: M. Peter Date: 31.01.2003

Attorney Docket No: 12406-045US1/P2000,0100 US N

IN WITNESS WHEREOF, I hereto set my hand and seal at Regensburg,
this 4 day of February, 20 03

Ulrich Jacob L.S.
ULRICH JACOB

Witnessed by: Michael Fehrer

Name: Michael Fehrer Date: 4.2.2003

Witnessed by: STEPHAN MILLER

Name: Stephan Miller Date: 04.02.2003

Attorney Docket No: 12406-045US1/P2000,0100 US N

IN WITNESS WHEREOF, I hereto set my hand and seal at Regensburg,
this 3rd day of February, 2003

Hans-Jürgen Lugaer L.S.
HANS-JÜRGEN LUGAUER

Witnessed by: Matthias Unger

Name: Matthias Unger

Date: 3rd of February 2003

Witnessed by: Uwe Strauß

Name: Uwe Strauß

Date: 3rd of February, 2003

Attorney Docket No: 12406-U-SUS1/P2000,0100 US N

IN WITNESS WHEREOF, I hereto set my hand and seal at Ulm
this 30. day of January, 2003

Manfred Mundbrod-Vangerow L.S.
MANFRED MUNDBROD-VANGEROW

Witnessed by: Eckart Schiele

Name: Eckart Schiele Date: January 30, 2003

Witnessed by: Eckard Deichsel

Name: Eckard Deichsel Date: January 30, 2003

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