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Substitute Form PTO-1595  
Attorney Docket No.: 12406-014001  
Client's Ref. No.: 1999P8116US E/GS

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Commissioner for Patents: Please record the attached original document(s) or copy(ies).	
1. Name of conveying party(ies): <u>2-8-02</u> Ewald Karl Michael Guenther, Brian Cotterell and Zhong Chen 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 & Co. OHG 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 Dates: 09/18/2001; 08/22/2001; 08/23/2001	
4. Application number(s) or patent number(s): <u>09/786,832</u> If this document is being filed with a new application, the execution date of the application is: A. Patent Application No(s): 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: David J. Goren Fish & Richardson P.C. 2200 Sand Hill Road, Suite 100 Menlo Park, California 94025	6. Total number of applications/patents involved: 1 7. Total fee (37 CFR §3.41): \$40 <input checked="" type="checkbox"/> Enclosed <input 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.
DO NOT USE THIS SPACE	
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>  David J. Goren Reg. No. 34,609 Name of Person Signing  <u>David Goren</u> Signature  <u>11/28/01</u> Date	
Total number of pages including coversheet, attachments and document: 4	

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02/14/2002 DBYRME 00000204 09786832 CERTIFICATE OF MAILING BY FIRST CLASS MAIL  
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I hereby certify under 37 CFR §1.8(a) that this correspondence is being deposited with the United States Postal Service as first class mail with sufficient postage on the date indicated below and is addressed to the Commissioner of Patents, Washington, D.C. 20231.

11/28/01 Date of Deposit  
Carlos A. Brasil Signature  
Carlos A. Brasil Typed Name of Person Signing Certificate

PATENT  
REEL: 012567 FRAME: 0576

ASSIGNMENT

For valuable consideration, we, EWALD KARL MICHAEL GUENTHER of # 03-11  
Maplewoods, 991 Bukit Timah Road, Singapore 589630, BRIAN COTTERELL of <sup>146 CONDOM</sup>~~55 Loring~~  
~~BALGOWLAH, NSW 2093 AUSTRALIA~~ ~~Sarhad, Singapore 119166~~ and ZHONG CHEN of Blk 233 Bukit Batok East Avenue 5, # 11-39, ~~182~~  
Singapore 650233, hereby assign to Osram Opto Semiconductors GmbH & Co. OHG, a German  
 corporation, 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 International Patent signed by us and filed July 9, 1999, entitled  
MECHANICAL PATTERNING OF A DEVICE LAYER, and assigned PCT Serial Number  
PCT/SG 99/00074, and its United States Patent counterpart, signed by us and filed March 9,  
2001 and assigned U.S. Serial Number 09/786,832, 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.

Date

Ewald Karl Michael Guenther



Date

Zhong Chen

Date

Brian Cotterell

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Witness: 18th September 2001 MARY PATRICIA HARKIN.   
 J. B. RATHMELL  18/9/01

PATENT

REEL: 012567 FRAME: 0577

ASSIGNMENT

For valuable consideration, we, EWALD KARL MICHAEL GUENTHER of # 03-11 Maplewoods, 991 Bukit Timah Road, Singapore 589630, BRIAN COTTERELL of 55 Loring Sarhad, Singapore 119166 and ZHONG CHEN of Blk 233 Bukit Batok East Avenue 5, # 11-39, Singapore 650233, hereby assign to Osram Opto Semiconductors GmbH & Co. OHG, a German corporation, 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 International Patent signed by us and filed July 9, 1999, entitled MECHANICAL PATTERNING OF A DEVICE LAYER, and assigned PCT Serial Number PCT/SG 99/00074, and its United States Patent counterpart, signed by us and filed March 9, 2001 and assigned U.S. Serial Number 09/786,832, 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.

Date

22-August-2001

Date

Ewald Karl Michael Guenther

Z Chen  
Zhong Chen

witnessed by

G. Wei  
Xu Dada

Date

Brian Cotterell

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Attorney's Docket No.: 12406-014001

ASSIGNMENT

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23 August  
2001

For valuable consideration, we, EWALD KARL MICHAEL GUENTHER of ~~# 03-11-210 Mt. Sinai Risc Singapore 276938~~  
~~Maplewoods, 991 Bukit Timah Road, Singapore 589630~~, BRIAN COTTERELL of 55 Loring Sarhad, Singapore 119166 and ZHONG CHEN of Blk 233 Bukit Batok East Avenue 5, # 11-39, Singapore 650233, hereby assign to Osram Opto Semiconductors GmbH & Co. OHG, a German corporation, 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 International Patent signed by us and filed July 9, 1999, entitled MECHANICAL PATTERNING OF A DEVICE LAYER, and assigned PCT Serial Number PCT/SG 99/00074, and its United States Patent counterpart, signed by us and filed March 9, 2001 and assigned U.S. Serial Number 09/786,832, 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.

23 August 2001  
Date

Ewald Karl Michael Guenther  
Ewald Karl Michael Guenther

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Date

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Zhong Chen

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Date

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Brian Cotterell

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