

## PATENT ASSIGNMENT COVER SHEET

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<b>SUBMISSION TYPE:</b>	NEW ASSIGNMENT
<b>NATURE OF CONVEYANCE:</b>	ASSIGNMENT
<b>CONVEYING PARTY DATA</b>	
<b>Name</b>	<b>Execution Date</b>
Karsten Heuser	03/12/2004
Georg Wittmann	03/15/2004
Gunter Gieres	03/12/2004
Ralph Paetzold	03/12/2004
Debora Henseler	03/12/2004
<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>	14333680
<b>CORRESPONDENCE DATA</b>	
<b>Fax Number:</b>	(877)769-7945
<i>Correspondence will be sent to the e-mail address first; if that is unsuccessful, it will be sent using a fax number, if provided; if that is unsuccessful, it will be sent via US Mail.</i>	
<b>Phone:</b>	(617) 542-5070
<b>Email:</b>	LYB@fr.com
<b>Correspondent Name:</b>	GRETCHEN A DEVRIES
<b>Address Line 1:</b>	FISH & RICHARDSON P.C.
<b>Address Line 2:</b>	P.O.BOX 1022
<b>Address Line 4:</b>	MINNEAPOLIS, MINNESOTA 55440-1022
<b>ATTORNEY DOCKET NUMBER:</b>	12406-0083002
<b>NAME OF SUBMITTER:</b>	LAKEISHA BRYANT
<b>SIGNATURE:</b>	/Lakeisha Bryant/
<b>DATE SIGNED:</b>	07/29/2014
<b>Total Attachments: 3</b>	
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Attorney Docket No: 12406-083001/P2003,0150US N

ASSIGNMENT

For valuable consideration, we, KARSTEN HEUSER of Georg-Frank Strasse 17, 91056 Erlangen, Germany, GEORG WITTMANN of Erlenstrasse 10A, 91074 Herzogenaurach, Germany, GUENTHER GIERES of Adlerstrasse 28, 91077 Kleinsendelbach, Germany, RALPH PAETZOLD of Immelmannstrasse 5, 91154 Roth, Germany, and DEBORA HENSELER of Am Faerberhof 13, 91052 Erlangen, 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 METHOD OF FORMING AN ARRANGEMENT OF BARRIER LAYERS ON A POLYMERIC SUBSTRATE, attorney docket number 12406-083001, filed herewith (or filed on 03/10/2004 and assigned U.S. Serial Number 10/798,712), 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: 12406-083001/P2003,0150US N

Dated: 12. March 2004

Karsten Heuser  
KARSTEN HEUSER

Dated: \_\_\_\_\_

GEORG WITTMANN

Dated: 12. March 2004

Guenter Gieres  
GUENTHER GIERES

Dated: 12 March 2004

Ralph Paetzold  
RALPH PAETZOLD

Dated: 12. March 2004

Debora Henseler  
DEBORA HENSELER

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12. March 2004 Wicke Seifert  
WITNESS

12. March 2004 Dirk Britton  
WITNESS

Attorney Docket No: 12406-083001/P2003,0150US N

Dated: \_\_\_\_\_

KARSTEN HEUSER

Dated: 15. March 2004Georg Wittmann  
GEORG WITTMANN

Dated: \_\_\_\_\_

GUENTHER GIERES

Dated: \_\_\_\_\_

RALPH PAETZOLD

Dated: \_\_\_\_\_

DEBORA HENSELER

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15. March 2004 Rainer Hübner  
WITNESS15. March 2004 John Elisabeth  
WITNESS