Substitute Form PTO-1595 Attorney Docket No.: 12406-216US1 Client's Ref. No.: P2004,0241 US N

RECORDATION FORM COVER SHEET PATENTS ONLY

Commissioner for Patents: Please record the attached original docume	ent(s) or copy(les).	
1. Name of conveying party(ies):	2. Name and address of receiving party(les):	
Herbert Brunner, Matthias Winter, Markus Zeiler, Georg Bogner and Thomas Hofer	Osram Opto Semiconductors GmbH Wernerwerkstrasse 2	
Additional name(s) attached? □ Yes 国 No	93049 Regensburg	
3. Nature of conveyance:	Germany	
 ☑ Assignment ☐ Merger ☐ Security Agreement ☐ Change of Name ☐ Other; 		
Execution Date: Herbert Brunner 10/06/2006 Matthias Winter 09/27/2006 Markus Zeiler 09/18/2006 Georg Bogner 11/03/2006 Thomas Hofer 09/08/2006	Additional names/addresses attached? ☐ Yes ☑ No	
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).:	B: Patent No(s).:	
10/593,794		
Additional numbers atta	ached? ☐ Yes ☑ No	
Name/address of party to whom correspondence concerning document should be mailed:	6. Total number of applications/patents involved: 1	
MARC M. WEFERS	7. Total fee (37 CFR §3.41): \$40	
Fish & Richardson P.C. 225 Franklin Street	☐ Enclosed ☑ Authorized to charge Deposit Account.	
Boston, MA 02110	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: To the best of my knowledge and I	belief the foregoing information is true and correct and	
any attached copy is a true copy of the original document.	solos, the folegoing mormation is true and correct and	
Marc M. Wefers Reg. No. 56,842 Name of Person Signing Signature	Wy 12/13/06	
Name of Person Signing Signature	Date	
Total III	umber of pages including coversheet, attachments and document: 13	
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CERTIFICATE OF TRANSMISSION BY FACSIMILE

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

12-13-06

Signature

CO HEAVE A. FORREST

REEL: 018631 FRAME: 0081

DEC. 13. 2006 11:46AM (3) FISH & RICHARDSON 6175428906

NO. 6601 P. 3/14

Attorney Docket No: 12406-216US1/P2004,0241 US N

<u>ASSIGNMENT</u>

For valuable consideration, we, HERBERT BRUNNER of Erikastrasse 1, 93161 Sinzing Germany, MATTHIAS WINTER of Höllbachstrasse 3e, 93059 Regensburg Germany, MARKUS ZEILER of Am Kugelbaum 7, 93152 Nittendorf Germany, GEORG BOGNER of Am Sandbügel 12, 93138 Lappersdorf Germany, THOMAS HÖFER of Am Bodenacker 19, 93138 Lappersdorf 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 OPTOELECTRONIC COMPONENT COMPRISING A MULTI-PART HOUSING BODY, filed 09/21/2006 , and assigned U.S. Serial Number 10/593,794 , 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.

Witnessed by: Date: 6th of October 2000 Date: 6th of October 2006 MATTHIAS WINTER Witnessed by: Date: _____ Name: _____ Name: Date: _____ MARKUS ZEILER Witnessed by: Date: Name: Date: Name:

	GEORG BOGNER	
Witnessed by:		·
Name: _	 Date;	
Name: _	 Date:	
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	THOMAS HÖFER	<u>-</u>
Witnessed by:		
Name:	 Date:	
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DEC. 13. 2006 11:47AM

Attorney Docket No: 12406-216US1/P2004,0241 US N

<u>ASSIGNMENT</u>

For valuable consideration, we, HERBER'T BRUNNER of Erikastrosse 1, 93161 Sinzing Germany, MATTHIAS WINTER of Höllbachstrasse 3e, 93059 Regensburg Germany, MARKUS ZEILER of Am Kugelbaum 7, 93152 Nittendorf Germany, GEORG BOGNER of Am Sandbügel 12, 93138 Lappersdorf Germany, THOMAS HOFER of Am Bodenacker 19, 93138 Lappersdorf 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 Assignce"), 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 OPTOELECTRONIC COMPONENT COMPRISTING A MULTI-PART HOUSING BODY, filed 09/21/2006, and assigned U.S. Serial Number 10/593,794, and we authorize and request the attorneys appointed in said application to hereafter complete this assignment by inserting above the filing date and scrial 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 filling 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 treatics 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.

Fax S From ID: +49 89 50032995 to: 2507 13:06 10/17/2006 [00:09:13] DK F.031/035 PATENT

REEL: 018631 FRAME: 0085

	HERBERT BRUNNER
Vitnessed by:	
Name:	Date:
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	MATTHIAS WINTER
transad by	MATTHAS WINTER
itnessed by:	- 1 a 786 / 200/
Name: Christian Dopp	Date: Sept. 27 ¹⁴ 2006
Name: Simon Bety	Date: <u>Sept. 27 14 2006</u>
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	MARKUS ZEILER
itnessed by:	
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MAXI A A		GEORG BOGNER	
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		THOMAS HÖFER	
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DEC. 13. 2006 11:47AM (3) FISH & RICHARDSON 6175428906 NO. 6601 P. 9/14

Attorney Docket No: 12406-216US1/P2004,0241 US N

ASSIGNMENT

For valuable consideration, we, <u>HERBERT BRUNNER</u> of <u>Erikastrasse 1 93161 Sinzing</u> Germany, MATTHIAS WINTER of Höllbachstrasse 3e 93059 Regensburg Germany, MARKUS ZEILER of Wiesengrund 14 93152 Nittendorf Germany, GEORG BOGNER of Am Sandhügel 12 93138 Lappersdorf Germany, THOMAS HOFER of Am Bodenacker 19 93138 Lappersdorf 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 OPTOELECTRONIC COMPONENT COMPRISING A MULTI-PART HOUSING BODY, filed 09/21/2006, and assigned U.S. Serial Number 10/593,794, 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.

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	HERBERT BRUNNER
Witnessed by:	
Name;	Date:
Name:	Date:
	MATTHIAS WINTER
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Name:	Date:
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	MARKUS ZEILER
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		GEORG BOGNER	
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		THOMAS HOFER	
Witnessed by:			
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DEC. 13. 2006 11:48AM (3) FISH & RICHARDSON 6175428906 NO. 6601 P. 12/14

Attorney Docket No: 12406-216U\$1/P2004,0241 US N

ASSIGNMENT

For valuable consideration, we, HERBERT BRUNNER of Brikastrasse 1, 93161 Sinzing Germany, MATTHIAS WINTER of Höllbachstrasse 3c, 93059 Regensburg Germany, MARKUS ZEILER of Am Kugelbaum 7, 93152 Nittendorf Germany, GEORG BOGNER of Am Sandbügel 12, 93138 Lappersdorf Germany, THOMAS HÖFER of Am Bodenacker 19, 93138 Lappersdorf 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 OPTOELECTRONIC COMPONENT COMPRISING A MULTI-PART HOUSING BODY, filed 09/21/2006, and assigned U.S. Serial Number 10/593,794 , 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.

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	HERBERT BRUNNER
Witnessed by:	
Name:	Date:
Name:	
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	MATTHIAS WINTER
Witnessed by:	
Name:	Date:
Name:	Date:
	MARKUS ZEILER
Witnessed by:	
Name:	Date:
Name:	Date:

	GEORG BOGNER
Witnessed by:	
Name:	
Name:	Date:
	•
	Thomas Höfer
Witnessed have	
Witnessed by:	Date: 08 September 2006
Name: L. Houstall	Date: 8. Sept. 7006.

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RECORDED: 12/13/2006