Substitute Form PTO-1595 Attorney Docket No.: 12406-030US1 Client's Ref. No.: P2000,0032 US N

12-06-2002

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ER SHEET .Y

1. Name of conveying party(ies):	2 _ o 2 2. Name and address of receiving party(ies):
Georg Bogner, Alexandra Debray and Gu Waitl Additional name(s) attached? ☐ Yes ☒ No	Wernerwerkstrasse 2
3. Nature of conveyance:	Germany
☑ Assignment ☐ Merger ☐ Security Agreement ☐ Change of Name ☐ Other:	
Execution Date: 11/11/2002; 11/20/2002; 10/24/2002	Additional names/addresses attached? ☐ Yes ☒ No
4. Application number(s) or patent number(s):	न् अ
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).:
10/204,576	
	nal numbers attached? ☐ Yes ☒ No
Name/address of party to whom correspondence cond document should be mailed:	6. Total number of applications/patents involved: 1
WILLIAM E. BOOTH	7. Total fee (37 CFR §3.41): \$40
Fish & Richardson P.C. 225 Franklin Street	☑ Enclosed ☐ Authorized to charge Deposit Account.
Boston, Massachusetts 02110-2804	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 kno any attached copy is a true copy of the original	owledge and belief, the foregoing information is true and correct and al document.
William E. Booth	villa Boll NN 26,2002
Reg. No. 28,933	
Reg. No. 28,933	
Reg. No. 28,933 Name of Person Signing Signa	ature Date
Reg. No. 28,933	ature Date
Reg. No. 28,933 Signal	ature Date
Reg. No. 28,933 Name of Person Signing Signar 20545962.doc	ature Date

Washington, D.C. 20231.

PATENT REEL: 013543 FRAME: 0571 Attorney Docket No: 12406-030US1/P2000,0032 US N

ASSIGNMENT

For valuable consideration, we, GEORG BOGNER of Lappersdorf, Germany, ALEXANDRA DEBRAY of Neumarkt, Germany and GUNTHER WAITL of Regensburg. Germany, and, 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 METHODS FOR PRODUCING A LIGHT EMITTING SEMICONDUCTOR BODY WITH A LUMINESCENCE CONVERTER ELEMENT, filed August 22, 2002, and assigned U.S. Serial Number 10/204,576, 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 Assignce 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.

Page 1 of 4

PATENT

REEL: 013543 FRAME: 0572

In WITNESS WHEREOF, I hereto set my hand and s	eal at
this May of Moures 2002.	
GEORG BOGNER	L.S.
Witnessed by: Markus Wicke	
Name: / /m/L	Date: 11. November 2002
Witnessed by: Stefan Gruser	
Name: 5th.	Date: 1.1. November 2052

IN WITNESS WHEREOF, I hereto set my hand and seal at Regens burg	
this 20 day of November, 2002.	
Alexandra debray	_L.S
ALEXANDRA DEBRA I	
Witnessed by: Dngebotg Reisinger	
Name: Ingebono Rienas Date: 20, 11.02	
Witnessed by: Buskhard Wiesmann	
Name: 566/65 Date: 20.11.02	

IN WITNESS WHEREOF, I hereto set my hand an	d seal at Recems burg
this <u>24</u> day of <u>October</u> , 2003	· · · · · · · · · · · · · · · · · · ·
GUNTHER WAITL	L.S.
Gyllinda William	
Witnessed by: R. Lule	
Name: Robert Lutz	Date: 2002 - 10 - 24
Witnessed by: Markowa Res 822	K'jat
Witnessed by: Marketing Restriction Restriction Restriction Restriction Restriction Restriction Research	109 Date: 2002 - 10 - 64

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Page 4 of 4

PATENT REEL: 013543 FRAME: 0575