503648377 01/14/2016

PATENT ASSIGNMENT COVER SHEET

Electronic Version v1.1 Stylesheet Version v1.2 EPAS ID: PAT3695012

		CORRECTIVE ASSIGNMEN	JT			
NATURE OF CONVEYANCE:		recorded on Reel 037462 Fr	Corrective Assignment to correct the INVENTOR'S NAME previously recorded on Reel 037462 Frame 0803. Assignor(s) hereby confirms the THE CORRECT SPELLING IS JÜRGEN HOLZ NOT JÚRGEN HOLZ.			
CONVEYING PARTY	DATA					
		Name	Execution Date			
KONRAD WAGNER			01/09/2016			
JÜRGEN HOLZ			01/11/2016			
RECEIVING PARTY	ΟΑΤΑ					
Name:	OSRAN	I OPTO SEMICONDUCTORS GM	ВН			
Street Address:	LEIBNI	LEIBNIZSTR. 4				
City:	REGEN	REGENSBURG				
State/Country:	GERMA	GERMANY				
Postal Code:	93055	93055				
Property Typ		Number				
Application Number: 14		14896420	96420			
CORRESPONDENCE						
Fax Number:		(215)656-2498				
Fax Number: <i>Correspondence wil</i>	l be sent to	the e-mail address first; if that i				
Fax Number: Correspondence wil using a fax number,	l be sent to if provided	the e-mail address first; if that i ; if that is unsuccessful, it will be				
Fax Number: <i>Correspondence wil</i>	l be sent to if provided	<i>the e-mail address first; if that i</i> <i>; if that is unsuccessful, it will b</i> 215-656-3381				
Fax Number: <i>Correspondence wil using a fax number,</i> Phone:	l be sent to if provided	the e-mail address first; if that i ; if that is unsuccessful, it will be				
Fax Number: <i>Correspondence wil using a fax number,</i> Phone: Email:	l be sent to if provided e:	<i>the e-mail address first; if that i</i> <i>; if that is unsuccessful, it will b</i> 215-656-3381 pto.phil@dlapiper.com				
Fax Number: <i>Correspondence wil using a fax number,</i> Phone: Email: Correspondent Nam	l be sent to if provided e:	<i>the e-mail address first; if that i</i> <i>; if that is unsuccessful, it will b</i> 215-656-3381 pto.phil@dlapiper.com T. DANIEL CHRISTENBURY	e sent via US Mail.			
Fax Number: <i>Correspondence wil using a fax number,</i> Phone: Email: Correspondent Nam Address Line 1:	l be sent to if provided e:	<i>the e-mail address first; if that i</i> <i>; if that is unsuccessful, it will b</i> 215-656-3381 pto.phil@dlapiper.com T. DANIEL CHRISTENBURY ONE LIBERTY PLACE	e sent via US Mail. 900			
Fax Number: <i>Correspondence wil using a fax number,</i> Phone: Email: Correspondent Nam Address Line 1: Address Line 2: Address Line 4:	l be sent to if provided e:	<i>the e-mail address first; if that i</i> <i>; if that is unsuccessful, it will b</i> 215-656-3381 pto.phil@dlapiper.com T. DANIEL CHRISTENBURY ONE LIBERTY PLACE 1650 MARKET STREET, SUITE 4	e sent via US Mail. 900			
Fax Number: <i>Correspondence wil using a fax number,</i> Phone: Email: Correspondent Nam Address Line 1: Address Line 2: Address Line 4:	l be sent to if provided e: NUMBER:	<i>the e-mail address first; if that i</i> <i>; if that is unsuccessful, it will b</i> 215-656-3381 pto.phil@dlapiper.com T. DANIEL CHRISTENBURY ONE LIBERTY PLACE 1650 MARKET STREET, SUITE 4 PHILADELPHIA, PENNSYLVANIA	e sent via US Mail. 900			
Fax Number: Correspondence wil using a fax number, Phone: Email: Correspondent Nam Address Line 1: Address Line 2: Address Line 4: ATTORNEY DOCKET NAME OF SUBMITTE	l be sent to if provided e: NUMBER:	the e-mail address first; if that is ; if that is unsuccessful, it will be 215-656-3381 pto.phil@dlapiper.com T. DANIEL CHRISTENBURY ONE LIBERTY PLACE 1650 MARKET STREET, SUITE 49 PHILADELPHIA, PENNSYLVANIA WAB-15-1600	e sent via US Mail. 900			
Fax Number: <i>Correspondence wil using a fax number,</i> Phone: Email: Correspondent Nam Address Line 1: Address Line 2:	l be sent to if provided e: NUMBER:	the e-mail address first; if that is if that is unsuccessful, it will be 215-656-3381 pto.phil@dlapiper.com T. DANIEL CHRISTENBURY ONE LIBERTY PLACE 1650 MARKET STREET, SUITE 49 PHILADELPHIA, PENNSYLVANIA WAB-15-1600 CAROL CONEY	e sent via US Mail. 900			
Fax Number: Correspondence wil using a fax number, Phone: Email: Correspondent Nam Address Line 1: Address Line 2: Address Line 2: Address Line 4: ATTORNEY DOCKET NAME OF SUBMITTE SIGNATURE:	l be sent to if provided e: NUMBER: R:	the e-mail address first; if that is if that is unsuccessful, it will be 215-656-3381 pto.phil@dlapiper.com T. DANIEL CHRISTENBURY ONE LIBERTY PLACE 1650 MARKET STREET, SUITE 4 PHILADELPHIA, PENNSYLVANIA WAB-15-1600 CAROL CONEY /cc/	e sent via US Mail. 900			

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PATENT ASSIGNMENT COVER SHEET

Electronic Version v1.1 Stylesheet Version v1.2 EPAS ID: PAT3691167

Sheet 2 of 8

SUBMISSION TYPE:		NEW ASSIGN	NEW ASSIGNMENT			
NATURE OF CONVEYANCE:		ASSIGNMENT	ASSIGNMENT			
CONVEYING PARTY	DATA					
		Name		Execution Date		
KONRAD WAGNER				01/09/2016		
JÚRGEN HOLZ				01/11/2016		
RECEIVING PARTY						
Name:	OSRA	OSRAM OPTO SEMICONDUCTORS GMBH				
Street Address:	LEIBN	LEIBNIZSTR. 4				
City:	REGE	REGENSBURG				
State/Country:	GERM	GERMANY				
Postal Code:	93055	93055				
						
Property Type		Num 14896420	ber			
CORRESPONDENCE	DATA					
Fax Number:	l ho cont t	(215)656-2498 https://www.commail.address	first: if that is un	successful, it will be sent		
using a fax number,	if provide	; if that is unsucces	ssful, it will be sei	nt via US Mail.		
		215-656-3381				
•		pto.phil@dlapiper.co				
			ANIEL CHRISTENBURY			
		ONE LIBERTY PLAC				
			D MARKET STREET, SUITE 4900 LADELPHIA, PENNSYLVANIA 19103			
Address Line 4:		PHILADELPHIA, PE	NNSYLVANIA 191	03		
ATTORNEY DOCKET NUMBER:		WAB-15-1600	WAB-15-1600			
NAME OF SUBMITTER:		CAROL CONE	CAROL CONEY			
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		01/12/2016				
SIGNATURE:		01/12/2016				
SIGNATURE: DATE SIGNED:	tpage1.tif	01/12/2016	,			
SIGNATURE: DATE SIGNED: Total Attachments: 3		01/12/2016				

line in

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ASSIGNMENT

For good and valuable consideration, I (We),

Dr. Konrad <u>Wagner</u> residing at St.-Kassians-Platz 5a 93047 Regensburg Germany citizen of Germany

Dr. Jürgen <u>Holz</u> residing at Buchenweg 9 93173 Wenzenbach Germany citizen of Germany

hereafter individually or collectively referred to as "Assignor(s)";

Hereby, (I) acknowledge having previously assigned, sold and transferred to OSRAM Opto Semiconductors GmbH, a corporation organized and existing under the laws of GERMANY, having its principal place of business at Leibnizstr. 4 in 93055 Regensburg, hereinafter "Assignee", its successors, assigns and legal representatives, or to a predecessor of Assignee, pursuant to (A)(i) the laws of GERMANY or (ii) a Patent & Secrecy Agreement or similar legal document such as, without limitation, an employee agreement executed at the time of entering into the employment of, or executed as a condition of continuing employment with, the Assignee or a predecessor of the Assignee, the entire right, including any and all priority rights, title and interest, in and for the United States and all foreign countries, in and to any and all inventions or improvements which are disclosed in an invention disclosure and/or in the below-identified documents currently filed with this Assignment, already filed or granted for Letters Patent (in which case, any provision of the subject Assignment that is in conflict with or is in addition to any provision in the prior agreement(s) or assignment(s) then this Assignment shall govern, take precedence, and be of legal effect), or

(B)(i) to the extent such laws of GERMANY or such Patent & Secrecy Agreement or similar legal document failed or fails, in whole or part, to have assigned, sold or transferred the entire right (including priority rights), title and interest, in and for the United States and all foreign countries, in and to all inventions or improvements which are disclosed in the below-identified application(s) or pending application(s) or granted Letters Patent, or (ii) if no such agreement(s) exist assigning, selling or transferring any such right (including priority rights), title or interest; then for good and valuable consideration, Assignor(s) now and hereby, effective Nunc Pro Tunc on the filing date of the below identified patent application(s), pending patent application(s) or granted Letter Patent(s), assign, sell and transfer(s) to Assignee, its successors, assigns and legal representatives, the entire right, (including all priority rights), title and interest in and for the United States and all foreign countries, in and to any and all inventions and/or improvements which are disclosed in the following identified; patent application(s), pending patent application(s) or granted Letter Patent(s)

Patent Application Title: OPTOELECTRONIC ARRANGEMENT Filing Date: 12/07/2015 Filing Number: 14/896,420 Internal Case Number(s): WAB-15-1600

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and in and to said application(s) or granted patents and all applications claiming priority to said application or granted patent, including, without limitation, and all divisional, continuing, substitute, renewal, reissue, and all other applications for Letters Patent which have been or shall be filed in the United States and all foreign countries on any of the inventions and/or improvements; and in and to all original and reissued patents which have been or shall be filed in the United States and all foreign countries on any of more shall be filed in the United States and all foreign countries on the inventions and/or improvements;

(II) Agree that said Assignee may apply for and receive Letters Patent for said inventions and/or improvements in its own name; and that, when requested, without charge to but at the expense of said Assignee, its successors, assigns and legal representatives, to carry out in good faith the intent and purpose of this assignment, the undersigned will execute all divisional, continuing, substitute, renewal, reissue, and all other patent applications on any and all said inventions and/or improvements; execute all rightful oaths, assignments, powers of attorney and other papers; communicate to said Assignee, its successors, assigns, and legal representatives, all facts known to the undersigned relating to said inventions and/or improvements and the history thereof; and generally do everything possible which said Assignee, its successors, assigns or legal representatives shall consider desirable for alding in securing and maintaining proper patent protection for said inventions and/or improvements and for vesting title to said inventions and or improvements and all applications for patents and all patents on said inventions and/or improvements, in said Assignee, its successors, assigns and legal representatives; and

(III) Covenant with said Assignee, its successors, assigns and legal representatives that no assignment, grant, mortgage, license or other agreement affecting the rights and property herein conveyed has been made to others by the undersigned, and that full right to convey the same as herein expressed is possessed by the undersigned.

Witness Signature

Julia Gasser - Fary printed name of witness

Dr. Konrad Wagner

<u>09.01.2016</u> Date

Witness Sighature

Kristin Grop

Jucy Dr. Jürgen Holz

Di, Julgon noiz

<u>11. 1. 20 16</u> Date

PATENT REEL: 037590 FRAME: 0931

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Companies Representative(s) OSRAM Opto Semiconductors GmbH

Signature

Name

Date

Signature Name

Date