PATENT ASSIGNMENT

Electronic Version v1.1

Stylesheet Version v1.1

SUBMISSION TYPE:		NEW ASSIGNMENT					
NATURE OF CONVEYANCE:		ASSIGNMENT					
CONVEYING PARTY DATA							
		Name	Execution Date				
Bert Braune			01/24/2013				
Christina Keith			01/23/2013				
Ivan Galesic			12/13/2012				
RECEIVING PARTY DATA							
Name:	OSRAM Opto Semiconductors GmbH						
Street Address:	Leibnizstrasse 4						
City:	Regensburg						
State/Country:	GERMANY						
Postal Code:	93055						
PROPERTY NUMBERS Total: 1							
Property Type		Number		13583755			
Application Number: 1358		3755		135			
CORRESPONDENCE				10.00			
Fax Number:	2156562498			\$40.00			
Fax Number: <i>Correspondence will b</i>	2156562498 De sent via US Mail	when the fax attempt is unsuccessful.					
Fax Number: <i>Correspondence will b</i> Phone:	2156562498 De sent via US Mail 215-656-338	1		CH \$40.00			
Fax Number: <i>Correspondence will b</i> Phone: Email:	2156562498 <i>pe sent via US Mail</i> 215-656-338 pto.phil@dlag	1 biper.com					
Fax Number: <i>Correspondence will b</i> Phone:	2156562498 be sent via US Mail 215-656-338 pto.phil@dlap T. Daniel Chr	1 biper.com istenbury					
Fax Number: <i>Correspondence will b</i> Phone: Email: Correspondent Name:	2156562498 De sent via US Mail 215-656-338 pto.phil@dlap T. Daniel Chr One Liberty F	1 biper.com istenbury					
Fax Number: <i>Correspondence will b</i> Phone: Email: Correspondent Name: Address Line 1:	2156562498 De sent via US Mail 215-656-338 pto.phil@dlap T. Daniel Chr One Liberty F 1650 Market	1 biper.com istenbury Place					
Fax Number: <i>Correspondence will b</i> Phone: Email: Correspondent Name: Address Line 1: Address Line 2:	2156562498 De sent via US Mail 215-656-338 pto.phil@dlap T. Daniel Chr One Liberty F 1650 Market Philadelphia,	1 biper.com istenbury Place Street, Suite 4900					
Fax Number: <i>Correspondence will b</i> Phone: Email: Correspondent Name: Address Line 1: Address Line 2: Address Line 4:	2156562498 be sent via US Mail 215-656-338 pto.phil@dlap T. Daniel Chr One Liberty F 1650 Market Philadelphia,	1 biper.com istenbury Place Street, Suite 4900 PENNSYLVANIA 19103					
Fax Number: <i>Correspondence will b</i> Phone: Email: Correspondent Name: Address Line 1: Address Line 2: Address Line 4: ATTORNEY DOCKET NAME OF SUBMITTE	2156562498 be sent via US Mail 215-656-338 pto.phil@dlap T. Daniel Chr One Liberty F 1650 Market Philadelphia,	1 biper.com istenbury Place Street, Suite 4900 PENNSYLVANIA 19103 EHF-12-1294					
Fax Number: <i>Correspondence will b</i> Phone: Email: Correspondent Name: Address Line 1: Address Line 2: Address Line 4: ATTORNEY DOCKET	2156562498 be sent via US Mail 215-656-338 pto.phil@dlap T. Daniel Chr One Liberty F 1650 Market Philadelphia,	1 biper.com istenbury Place Street, Suite 4900 PENNSYLVANIA 19103 EHF-12-1294	PATENT				

502208950

```
source=EHF-12-1294#page2.tif
source=EHF-12-1294#page3.tif
source=EHF-12-1294#page4.tif
source=EHF-12-1294#page5.tif
source=EHF-12-1294#page7.tif
source=EHF-12-1294#page8.tif
source=EHF-12-1294#page9.tif
```

Page 1 of 3

ASSIGNMENT

For good and valuable consideration, I (We),

Dr. Bert <u>Braune</u>, residing at Lilienstr. 19 93173 Wenzenbach Germany oltizen of Germany Dr. Christina <u>Keith</u>, residing at Humboldiweg 9 93073 Neutraubling aitizen of Germany Dr. Ivan <u>Galesic</u>, residing at Am Bach 32 93063 Regensburg 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 Leibnizstraße 4 in 93065 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 & Secreoy 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 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 Tune 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).

Page 2 of 3

Patent Application Title: METHOD AND DEVICE FOR PRODUCING A PARYLENE COATING Filing Date: March 8, 2011 (MM/DD/YYYY) Filing Number: 13/583,755 Internal Case Numbers: EHF-12-1294

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 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 aiding 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.

<u>A. My Chrc</u> Witness Signature

Beats ix Braune

printed name of witness

Sep me

Dr. Bernd Braune

28/3 - C/2 24

Page 3 of 3

Witness Signature	Dr. Christina Keith
printed name of witness	Date
Witness Signature	Ivan Galesic
printed name of witness	Date
	Companies Representative(s) OSRAM Opto Semiconductors GmbH Signature
	Name Aldo Kamper President & CEO Date 1 7 DEC 2012
	Signature 41
	Name Josef Ringsgwandl CFO

Date

1 7 DEC 2012

Page 1 of 3

ASSIGNMENT

For good and valuable consideration, I (We),

Dr. Bert <u>Braune</u>, residing at Lilienstr. 19 93173 Wenzenbach Germany citizen of Germany Dr. Christina <u>Keith</u>, residing at Humboldtweg 9 93073 Neutraubling citizen of Germany Dr. Ivan <u>Galesic</u>, residing at Am Bach 32 93053 Regensburg 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 Leibnizstraße 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 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)

Page 2 of 3

Patent Application Title: METHOD AND DEVICE FOR PRODUCING A PARYLENE COATING Filing Date: March 8, 2011 (MM/DD/YYYY) Filing Number: 13/583,755 Internal Case Numbers: EHF-12-1294

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 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 aiding 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

Dr. Bernd Braune

printed name of witness

Date

Dr. Christina Keith

Page 3 of 3

iss Signature

Rein Lard \$treitel Kallin Allwidth

23.01.2013 Date January, 23rd 2013

Witness Signature

Ivan Galesic

printed name of witness

Date

Companies Representative(s) OSRAM Opto Semiconductors GmbH

Signature Name

Date

Signature Name

Date

Page 1 of 3

ASSIGNMENT

For good and valuable consideration, I (We),

Dr. Bert <u>Braune</u>, residing at Lilienstr. 19 93173 Wenzenbach Germany citizen of Germany Dr. Christina <u>Keith</u>, residing at Humboldtweg 9 93073 Neutraubling citizen of Germany Dr. Ivan <u>Galesic</u>, residing at Am Bach 32 93053 Regensburg 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 Leibnizstraße 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).

Page 2 of 3

Patent Application Title: METHOD AND DEVICE FOR PRODUCING A PARYLENE COATING Filing Date: March 8, 2011 (MM/DD/YYYY) Filing Number: 13/583,755 Internal Case Numbers: EHF-12-1294

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 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 aiding 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

Dr. Bernd Braune

printed name of witness

Date

Page 3 of 3

Witness Signature

Dr. Christina Keith

printed name of witness

Date

Witness Signature

CHEE ENG OOI

printed name of witness

un Ivan Galesic

Dec 13, 2012 Date

Companies Representative(s) OSRAM Opto Semiconductors GmbH

Signature Name

Date

Signature

Name

Date

PATENT REEL: 029701 FRAME: 0243

RECORDED: 01/28/2013