

PATENT ASSIGNMENT COVER SHEET

Electronic Version v1.1
 Stylesheet Version v1.2

EPAS ID: PAT4084705

SUBMISSION TYPE:	NEW ASSIGNMENT
NATURE OF CONVEYANCE:	ASSIGNMENT
CONVEYING PARTY DATA	
Name	Execution Date
TIM FIEDLER	05/17/2016
DANIEL BICHLER	05/18/2016
STEFAN LANGE	05/18/2016
REBECCA RÖMER	05/17/2016
FRANK JERMANN	05/31/2016
FRAUKE THIENEL	05/24/2016
BARBARA HUCKENBECK	06/06/2016
ALEXANDER BAUMGARTNER	05/18/2016
VERA STÖPPELKAMP	05/18/2016
NORBERT BÖNISCH	05/17/2016
HAILING CUI	05/18/2016
RECEIVING PARTY DATA	
Name:	OSRAM Opto Semiconductors GmbH
Street Address:	Leibnizstrasse 4
City:	Regensburg
State/Country:	GERMANY
Postal Code:	93055
Name:	OSRAM GMBH
Street Address:	MARCEL-BREUER-STR. 6
City:	MÜNCHEN
State/Country:	GERMANY
Postal Code:	80807
PROPERTY NUMBERS Total: 2	
Property Type	Number
Application Number:	15094702
Application Number:	15213174
CORRESPONDENCE DATA	
Fax Number:	(972)732-9218
<i>Correspondence will be sent to the e-mail address first; if that is unsuccessful, it will be sent</i>	
PATENT	

using a fax number, if provided; if that is unsuccessful, it will be sent via US Mail.

Phone: 972-732-1001
Email: docketing@slatermatsil.com
Correspondent Name: SLATER MATSIL, LLP
Address Line 1: 17950 PRESTON RD.
Address Line 2: SUITE 1000
Address Line 4: DALLAS, TEXAS 75252

ATTORNEY DOCKET NUMBER:	OSR-313/OSR-313D1
NAME OF SUBMITTER:	AVA CHUANG
SIGNATURE:	/Ava Chuang/
DATE SIGNED:	10/05/2016

Total Attachments: 48

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ASSIGNMENT

For good and valuable consideration, I (We),

Tim Fiedler
residing at Hauffstr. 9
81369 München
Germany
citizen of Germany

Daniel Bichler
residing at ~~Engadiner Str. 2/11/219~~
~~81475 München~~
Germany
citizen of Germany

*Wette Gasse 14a
86450 Augsburg*

*Patent A.
May 18th, 2016*

Stefan Lange
residing at Dambörstr. 11
86157 Augsburg
Germany
citizen of Germany

Rebecca Römer
residing at Unter den Schwibbögen 23
93047 Regensburg
Germany
citizen of Germany

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residing at Gerstenstr. 15
86343 Königsbrunn
Germany
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Germany
citizen of Germany

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Germany
citizen of Germany

Hailing Cui
residing at Theodor-Storm-Str. 16 a
93051 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 Leibnizstr. 4 in 93055 Regensburg, hereinafter "**Assignee 1**", as well as to **OSRAM GmbH**, a corporation organized and existing under the laws of GERMANY, having its principal place of business at Marcel-Breuer-Str. 6 in 80807 München, hereinafter "**Assignee 2**", their successors, assigns and legal representatives, or to a predecessor of the Assignees, 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 Assignees or a predecessor of the Assignees, 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 Assignees, their 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: PHOSPHOR, METHOD FOR PRODUCING A PHOSPHOR AND
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Filing Date: 04/08/2016 (MM/DD/YYYY)
Filing Number: 15/094,702
Internal Case Number(s): OSR-313

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 Assignees may apply for and receive Letters Patent for said inventions and/or improvements in their own name; and that, when requested, without charge to but at the expense of said Assignees, their 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 Assignees, their 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 Assignees, their 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 Assignees, their successors, assigns and legal representatives; and

(III) Covenant with said Assignees, their 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.

S. Dickmeys
Witness Signature

Tim Fiedler
Tim Fiedler

Stephanie Dickmeys
printed name of witness

May 17th, 2016
Date

F. Hummel
Witness Signature

Daniel Bichler
Daniel Bichler

FRANZISKA HUMMEL
printed name of witness

May 18th, 2016
Date

Keller
Witness Signature

Stefan Lange
Stefan Lange

Kahler, Anja
printed name of witness

May 18, 2016
Date

Witness Signature

Rebecca Römer

printed name of witness

Date

Witness Signature

Frank Jermann

printed name of witness

Date

Witness Signature

Frauke Thienel

printed name of witness

Date

Witness Signature

Barbara Huckenbeck

printed name of witness

Date

Witness Signature

Alexander Baumgartner

printed name of witness

Date

Witness Signature

Vera Stoppelkamp

printed name of witness

Date

Witness Signature

Norbert Bönsch

printed name of witness

Date

Witness Signature

Hailing Cui

printed name of witness

Date

Assignee 1:

Companies Representative(s)
OSRAM Opto Semiconductors GmbH

Signature
Name

Date

Signature
Name

Date

Assignee 2:

Companies Representative(s)
OSRAM GmbH

Signature
Name

Date

Signature
Name

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Witness Signature

Tim Fiedler

printed name of witness

Date

Witness Signature

Daniel Bichler

printed name of witness

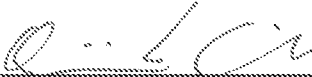
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Witness Signature

Stefan Lange

printed name of witness

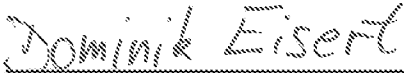
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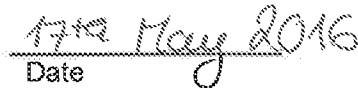
Witness Signature



Rebecca Römer



printed name of witness



Date

Witness Signature

Frank Jermann

printed name of witness

Date

Witness Signature

Frauke Thienel

printed name of witness

Date

Witness Signature

Barbara Huckenbeck

printed name of witness

Date

Witness Signature

Alexander Baumgartner

printed name of witness

Date

Witness Signature

Vera Stöppelkamp

printed name of witness

Date

Witness Signature

Norbert Bönisch

printed name of witness

Date

Witness Signature

Hailing Cui

printed name of witness

Date

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Signature
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Signature
Name

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Assignee 2:

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OSRAM GmbH

Signature
Name

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Germany
citizen of Germany

Daniel Bichler
residing at Engadiner Str. 2/III/219
81475 München
Germany
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Germany
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Germany
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citizen of Germany

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citizen of Germany

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Germany
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Norbert Bönisch,
residing at Aumühlstr. 13
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printed name of witness

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Date

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Stefan Lange

printed name of witness

Date

Witness Signature

Rebecca Römer

printed name of witness

Date

Witness Signature

Frank Jermann

Joerg Frischelisen
printed name of witness

May 31, 2016
Date

Witness Signature

Frauke Thienel

printed name of witness

Date

Witness Signature

Barbara Huckenbeck

printed name of witness

Date

Witness Signature

Alexander Baumgartner

printed name of witness

Date

Witness Signature

Vera Stöppelkamp

printed name of witness

Date

Witness Signature

Norbert Bönisch

printed name of witness

Date

Witness Signature

Hailing Cui

printed name of witness

Date

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OSRAM Opto Semiconductors GmbH

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OSRAM GmbH

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Witness Signature

Tim Fiedler

printed name of witness

Date

Witness Signature

Daniel Bichler

printed name of witness

Date

Witness Signature

Stefan Lange

printed name of witness

Date

Witness Signature

Rebecca Römer

printed name of witness

Date

Witness Signature

Frank Jermann

printed name of witness

Date

Witness Signature

Frauke Thienel

Sascha Thienel
printed name of witness

24.05.2016
Date

Witness Signature

Barbara Huckenbeck

printed name of witness

Date

Witness Signature

Alexander Baumgartner

printed name of witness

Date

Witness Signature

Vera Stöppelkamp

printed name of witness

Date

Witness Signature

Norbert Bönisch

printed name of witness

Date

Witness Signature

Hailing Cui

printed name of witness

Date

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Companies Representative(s)
OSRAM Opto Semiconductors GmbH

Signature

Name

Date

Signature

Name

Date

Assignee 2:

Companies Representative(s)
OSRAM GmbH

Signature

Name

Date

Signature

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Germany
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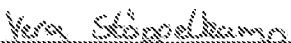
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OSRAM GmbH

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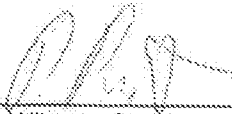
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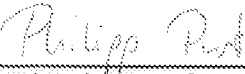
Barbara Huckenbeck

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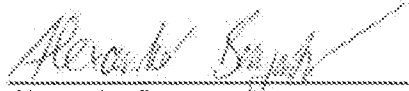
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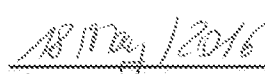
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Alexander Baumgartner



Date

Witness Signature

Vera Stöppelkamp

printed name of witness

Date

Witness Signature

Norbert Bönisch

printed name of witness

Date

Witness Signature

Hailing Cui

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Date

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OSRAM Opto Semiconductors GmbH

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OSRAM GmbH

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Hailing Cui

ALEXANDER BAUMGARTNER
printed name of witness

May - 18 - 2016
Date

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OSRAM Opto Semiconductors GmbH

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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 1**", as well as to **OSRAM GmbH**, a corporation organized and existing under the laws of GERMANY, having its principal place of business at Marcel-Breuer-Str. 6 in 80807 München, hereinafter "**Assignee 2**", their successors, assigns and legal representatives, or to a predecessor of the Assignees, 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 Assignees or a predecessor of the Assignees, 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 Assignees, their 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: PHOSPHOR, METHOD FOR PRODUCING A PHOSPHOR AND
USE OF A PHOSPHOR
Filing Date: 04/08/2016 (MM/DD/YYYY)
Filing Number: 15/094,702
Internal Case Number(s): OSR-313

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 Assignees may apply for and receive Letters Patent for said inventions and/or improvements in their own name; and that, when requested, without charge to but at the expense of said Assignees, their 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 Assignees, their 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 Assignees, their 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 Assignees, their successors, assigns and legal representatives; and

(III) Covenant with said Assignees, their 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

Tim Fiedler

printed name of witness

Date

Witness Signature

Daniel Bichler

printed name of witness

Date

Witness Signature

Stefan Lange

printed name of witness

Date

Witness Signature

Rebecca Römer

printed name of witness

Date

Witness Signature

Frank Jermann

printed name of witness

Date

Witness Signature

Frauke Thienel

printed name of witness

Date

Witness Signature

Barbara Huckenbeck

printed name of witness

Date

Witness Signature

Alexander Baumgartner

printed name of witness

Date

Witness Signature

Vera Stöppeikamp

printed name of witness

Date

Witness Signature

Norbert Bönisch

printed name of witness

Date

Witness Signature


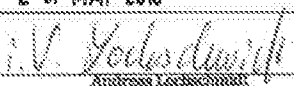
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printed name of witness

Date

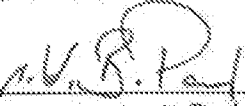

Assignee 1:

Companies Representative(s)
OSRAM Opto Semiconductors GmbH

Signature	
Name	Nikolaus Gmeinwieser Senior Manager Intellectual Property
Date	23. MAI 2016
Signature	
Name	Andreas Loeschmann Senior Manager Intellectual Property
Date	23. MAI 2016

Assignee 2:

Companies Representative(s)
OSRAM GmbH

Signature	
Name	Benjamin Paul Head of Patents
Date	19.05.2016
Signature	
Name	Franz Raiser Senior Lead Senior Patent Counselor
Date	19.05.2016