503882378 06/21/2016

PATENT ASSIGNMENT COVER SHEET

Electronic Version v1.1 Stylesheet Version v1.2

EPAS ID: PAT3929028

SUBMISSION TYPE:	NEW ASSIGNMENT
NATURE OF CONVEYANCE:	ASSIGNMENT

CONVEYING PARTY DATA

Name	Execution Date
ION STOLL	03/04/2016
MICHAEL SCHUMANN	04/11/2016
LUDWIG PLOETZ	04/01/2016

RECEIVING PARTY DATA

Name:	OSRAM OPTO SEMICONDUCTORS GMBH
Street Address:	LEIBNIZSTR. 4
City:	REGENSBURG
State/Country:	GERMANY
Postal Code:	93055

PROPERTY NUMBERS Total: 1

Property Type	Number
Application Number:	14900142

CORRESPONDENCE DATA

Fax Number: (949)851-9348

Correspondence will be sent to the e-mail address first; if that is unsuccessful, it will be sent using a fax number, if provided; if that is unsuccessful, it will be sent via US Mail.

Phone: 9498510633

Email: mlusian@mwe.com

MCDERMOTT WILL & EMERY LLP **Correspondent Name:**

Address Line 1: 4 PARK PLAZA Address Line 2: **SUITE 1700**

Address Line 4: IRVINE, CALIFORNIA 92614

ATTORNEY DOCKET NUMBER:	090922-0458
NAME OF SUBMITTER:	JOHN D. MAGLUYAN, REG. NO. 56,867
SIGNATURE:	/John D. Magluyan/
DATE SIGNED:	06/21/2016

Total Attachments: 12

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ASSIGNMENT

For good and valuable consideration, I (We),

Ion <u>Stoll</u>, residing at Brennesstr. 10 93105 Tegernheim Germany citizen of Germany

Michael Schumann, residing at Luitpoldstr. 37 Appartement 26 89231 Neu-Ulm Germany citizen of Germany

Ludwig <u>Plötz</u>, residing at Zum Ponnholz 24 93473 Arnschwang 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: ARRANGEMENT AND METHOD FOR GENERATING MIXED

LIGHT

Filing Date: 12/18/2015 (MM/DD/YYYY)

Filing Number: 14/900,142

Internal Case Number(s): 090922-0458

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

Ion Stoll

printed name of witness

Date

P2013,0670 US N / 2013P00277WOUS

(CVH/PAA) Page 3 of 3

Witness Signature	Michael Schumann
printed name of witness	Date
Witness Signature	Ludwig Plötz
printed name of witness	Date
	Companies Representative(s) OSRAM Opto Semiconductors GmbH Signature Name Date
	Signature Name Date

ASSIGNMENT

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Ion <u>Stoll</u>, residing at Brennesstr. 10 93105 Tegernheim Germany citizen of Germany

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- (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 all applications for patents and all patents on said inventions and/or improvements, in said Assignee, its successors, assigns and legal representatives; and
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Vitness Signature	Ion Stoll
printed name of witness	Date

P2013,0670 US N / 2013P00277WOUS

(CVH/PAA) Page 3 of 3

Witness Signature	Michael Schumann
Malthias Leguer printed name of witness	/1/4/ 2016 Date
Witness Signature	Ludwig Plötz
printed name of witness	Date
	Companies Representative(s) OSRAM Opto Semiconductors GmbH Signature
	Name
	Signature Name
	Date

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(CVH/PAA) Page 2 of 3

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Witness Signature	Ion Stoll
printed name of witness	Date

P2013,0670 US N / 2013P00277WOUS

(CVH/PAA) Page 3 of 3

Witness Signature	Michael Schumann
printed name of witness	Date
Witness Signature	Endwig Pot
printed name of witness	01, April 2016 Date
	Companies Representative(s) OSRAM Opto Semiconductors GmbH Signature
	Name Date
	Signature Name
	Date

ASSIGNMENT

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printed name of witness	Date

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Witness Signature	Michael Schumann
printed name of witness	Date
Witness Signature	Ludwig Plötz
printed name of witness	Date
	Companies Representative(s) OSRAM Opto Semiconductors GmbH Signature Name Nikolaus Gmeinwies Senior Manager Date 0 3. MRZ, 2016
	Signature Name Andreas Lochschmidt Senior Manager Intellectual Property Date 0 3. MRZ. 2016

PATENT REEL: 038978 FRAME: 0014

RECORDED: 06/21/2016