

## PATENT ASSIGNMENT COVER SHEET

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<b>SUBMISSION TYPE:</b>	NEW ASSIGNMENT
<b>NATURE OF CONVEYANCE:</b>	ASSIGNMENT
<b>CONVEYING PARTY DATA</b>	
<b>Name</b>	<b>Execution Date</b>
JOHANN RAMCHEN	01/12/2013
DAVID RACZ	01/10/2013
HANS-CHRISTOPH GALLMEIER	01/10/2013
STEFAN GRÖTSCH	01/25/2013
SIMON JEREBIC	01/10/2013
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<b>Name:</b>	OSRAM OPTO SEMICONDUCTORS GMBH
<b>Street Address:</b>	LEIBNIZSTRASSE 4
<b>City:</b>	REGENSBURG
<b>State/Country:</b>	GERMANY
<b>Postal Code:</b>	93055
<b>PROPERTY NUMBERS Total: 1</b>	
<b>Property Type</b>	<b>Number</b>
<b>Application Number:</b>	15730214
<b>CORRESPONDENCE DATA</b>	
<b>Fax Number:</b>	(215)656-2498
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<b>ATTORNEY DOCKET NUMBER:</b>	EHF-12-1352DIV 369254-499
<b>NAME OF SUBMITTER:</b>	T. DANIEL CHRISTENBURY
<b>SIGNATURE:</b>	/TDC/
<b>DATE SIGNED:</b>	10/11/2017
<b>Total Attachments: 18</b>	

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P2010,1147 US N (MCM/HT)

Page 1 of 4

# ASSIGNMENT

For good and valuable consideration, I (We),

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residing at Eglseer Weg 5  
84032 Altdorf  
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citizen of Germany

Simon Jerebic,  
residing at Lutherstr. 15  
93105 Tegernheim  
Germany  
citizen of Slovenia

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

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Patent Application Title: OPTOELECTRONIC SEMICONDUCTOR COMPONENT

Filing Date: 12/10/2012

Filing Number: 13/703,127

Internal Case Number: EHF-12-1352

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(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.

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Dr. Hans-Christoph Gallmeier

\_\_\_\_\_  
printed name of witness

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Date

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Simon Jerebic

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Date

*Rose*  
\_\_\_\_\_  
Witness Signature

  
\_\_\_\_\_  
Johann Ramchen

*Eugenia Rose*  
\_\_\_\_\_  
printed name of witness

*12.01.2013*  
\_\_\_\_\_  
Date

\_\_\_\_\_  
Witness Signature

\_\_\_\_\_  
David Racz

\_\_\_\_\_  
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Dr. Hans-Christoph Gallmeier

\_\_\_\_\_  
printed name of witness

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Date

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Johann Ramchen

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Witness Signature

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*D. Racz*

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David Racz

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*Spert Matthias*  
printed name of witness

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*10.01.2013*  
Date



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Claudia Jurek

Witness Signature

Dr. Hans-Christoph Gallmeier

Dr. Hans-Christoph Gallmeier

CLAUDIA JUREK

printed name of witness

10.01.2013

Date

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Dr. Hans-Christoph Gallmeier

\_\_\_\_\_  
printed name of witness

\_\_\_\_\_  
25<sup>th</sup> January 2013  
Date

\_\_\_\_\_  
Felix Kimmme  
Witness Signature

\_\_\_\_\_  
Stefan Grötsch

\_\_\_\_\_  
FELIX KIMME  
printed name of witness

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Page 2 of 4

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Patent Application Title: OPTOELECTRONIC SEMICONDUCTOR COMPONENT  
Filing Date: 12/10/2012  
Filing Number: 13/703,127  
Internal Case Number: EHF-12-1352

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.



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\_\_\_\_\_  
Witness Signature

\_\_\_\_\_  
Dr. Hans-Christoph Gallmeier

\_\_\_\_\_  
printed name of witness

\_\_\_\_\_  
Date

\_\_\_\_\_  
Witness Signature

\_\_\_\_\_  
Stefan Grötsch

\_\_\_\_\_  
printed name of witness

\_\_\_\_\_  
Date

\_\_\_\_\_  
*Tu - jerr*

\_\_\_\_\_  
Witness Signature

\_\_\_\_\_  
*Simon Jerebic*

\_\_\_\_\_  
Simon Jerebic

\_\_\_\_\_  
*Tobias Gebuhr*

\_\_\_\_\_  
printed name of witness

\_\_\_\_\_  
*10th of January 2013*

\_\_\_\_\_  
Date

\_\_\_\_\_  
Witness Signature

\_\_\_\_\_  
Johann Ramchen

\_\_\_\_\_  
printed name of witness

\_\_\_\_\_  
Date

\_\_\_\_\_  
Witness Signature

\_\_\_\_\_  
David Racz

\_\_\_\_\_  
printed name of witness

\_\_\_\_\_  
Date

P2010,1147 US N (MCM/HT)

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**ASSIGNMENT**

For good and valuable consideration, I (We),

Johann Ramchen,  
residing at Eglseer Weg 5  
84032 Altdorf  
Germany  
citizen of Germany

David Racz,  
residing at Adalbert-Stifter-Str. 45  
93051 Regensburg  
Germany  
citizen of Germany

Hans-Christoph Gallmeier,  
residing at Agnesstr. 45  
93049 Regensburg  
Germany  
citizen of Germany

Stefan Grötsch,  
residing at Waldstr. 6  
93077 Bad Abbach  
Germany  
citizen of Germany

Simon Jerebic,  
residing at Lutherstr. 15  
93105 Tegernheim  
Germany  
citizen of Slovenia

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)

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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 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.

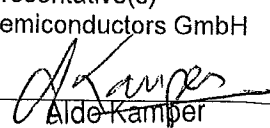
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Companies Representative(s)  
OSRAM Opto Semiconductors GmbH

Signature

Name

  
Alde Kamber  
President & CEO

  
Josef Ringsgwandl  
CFO

Date

11 JAN 2013