505990804 03/30/2020

PATENT ASSIGNMENT COVER SHEET

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SUBMISSION TYPE: NEW ASSIGNMENT

NATURE OF CONVEYANCE: ASSIGNMENT

CONVEYING PARTY DATA

Name	Execution Date
SVEN GERHARD	04/05/2018
ALFRED LELL	03/09/2018
CLEMENS VIERHEILIG	03/09/2018
ANDREAS LÖFFLER	04/05/2018

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
Application Number:	16834037

CORRESPONDENCE DATA

Fax Number: (215)656-3301

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: 215-656-3381

Email: pto.phil@us.dlapiper.com

Correspondent Name: IP GROUP OF DLA PIPER LLP (US)

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Address Line 4: PHILADELPHIA, PENNSYLVANIA 19103

ATTORNEY DOCKET NUMBER: WAB-18-1102DIV/386863-214

NAME OF SUBMITTER: LESLIE J. HOOD

SIGNATURE: /LJH/

DATE SIGNED: 03/30/2020

Total Attachments: 6

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PATENT 505990804 REEL: 052259 FRAME: 0854



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ASSIGNMENT

For good and valuable consideration, I (We),

Sven <u>Gerhard</u>, residing at Bischof-Ketteler-Str. 36 93087 Alteglofsheim Germany Citizen of Germany

Alfred Lell, residing at Virchowstr. 19 93142 Maxhütte-Haidhof Germany Citizen of Germany

Dr. Clemens <u>Vierheilig</u>, residing at Lutherstr. 19 93105 Tegernheim Germany Citizen of Germany

Andreas <u>Loeffler</u>, residing at Breslauerstr. 39 93073 Neutraubling 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

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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 COMPONENT

Filing Date: 03/29/2018 Filing Number: 15/764,411

Internal Case Number(s): WAB-18-1102

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 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

printed name of witness

Sven Gerhard

Date

Page 3 of 3 Affred Leii Witness(Signature MUHAMMAD printed name of witness Witness Signature 7018/03/05 printed name of witness Date Witness Signature Andreas Loeffler printed name of witness Date Companies Representative(s) OSRAM Opto Semiconductors GmbH Signature Name Date Signature Name Date

Docket No.: WAB-18-1102

Page 1 of 3

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Sven Gerhard, residing at Bischof-Ketteler-Str. 36 93087 Alteglofsheim Germany Citizen of Germany

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Page 2 of 3

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 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	Sven Gerhard
printed name of witness	Date

Page 3 of 3

Witness Signature	Alfred Lell
printed name of witness	Date
Witness Signature	Dr. Clemens Vierheilig
printed name of witness	Date
Witness Signature	// // // // // // // // // // // // //
ALEXANOER GALTER printed name of witness	OS our 7018 Date
	Companies Representative(s)
	OSRAM Opto Semiconductors GmbH
	Signature Name
	Date
	Signature Name
	Date