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PATENT ASSIGNMENT COVER SHEET

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SUBMISSION TYPE:			NEW ASSIGNMENT			
NATURE OF CONVEYANCE:			ASSIGNMENT			
CONVEYING PARTY D	ΑΤΑ					
			Name		Execution Date	
ION STOLL					03/07/2022	
RECEIVING PARTY DA	TA					
Name:	OSRAI	OSRAM OPTO SEMICONDUCTORS GMBH				
Street Address:	LEIBN	LEIBNIZSTR. 4				
City:	REGE	REGENSBURG				
State/Country:	GERM	GERMANY				
Postal Code:	93055	93055				
PROPERTY NUMBERS Total: 1 Property Type		Number]			
		1761	610736			
	e sent to	<i>b the</i> patin VIER C/O 4 SUIT	9849-5451 <i>e-mail address first; if that is un</i> <i>hat is unsuccessful, it will be se</i> t@vjp.de RING, JENTSCHURA & PARTNER 444 BRICKELL AVENUE E 700 /II, FLORIDA 33131	nt via U		
ATTORNEY DOCKET NUMBER:			P82786US			
NAME OF SUBMITTER:			BENJEMAN L. VON RUEDEN			
SIGNATURE:			/Benjeman L. von Rueden, Reg.# 74,693/			
DATE SIGNED:			03/10/2022			
Total Attachments: 2 source=P82786US_Assig			ors_OSRAM_OPTO#page1.tif ors_OSRAM_OPTO#page2.tif			

ASSIGNMENT

For good and valuable consideration, I (We),

Ion STOLL, residing at Brennesstr. 10, 93105 Tegernheim, Germany, citizen of DE

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, 93055 Regensburg, Germany, 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, should any provision of the subject Assignment be in conflict with or 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 that assign, sell or transfer any such right (including priority rights), title or interest; then for good and valuable consideration, the receipt of which is hereby acknowledged, 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(s), sell(s) 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: MANGANESE-DOPED RED LUMINESCENT MATERIAL AND CONVERSION LED Filing Date (MM/DD/YYYY): 05/11/2020 Filing Number: PCT/EP2020/062960 Internal Case Number(s): 2019P00641WOUS

and in and to said application(s) or granted patents and all applications claiming priority to said application(s) or granted patent(s), 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 any of the inventions and/or improvements; 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.

PATENT REEL: 059216 FRAME: 0501

Client Docket No.: 2019P00641WOUS VJP Docket No.: P82786US Page 2 of 2

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, 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>07/03/2022</u> Date

PATENT REEL: 059216 FRAME: 0502