

## PATENT ASSIGNMENT COVER SHEET

Electronic Version v1.1  
 Stylesheet Version v1.2

EPAS ID: PAT7292635

<b>SUBMISSION TYPE:</b>	NEW ASSIGNMENT	
<b>NATURE OF CONVEYANCE:</b>	ASSIGNMENT	
<b>CONVEYING PARTY DATA</b>		
	<b>Name</b>	<b>Execution Date</b>
	OSRAM GMBH	03/31/2022
<b>RECEIVING PARTY DATA</b>		
<b>Name:</b>	OSRAM OPTO SEMICONDUCTORS GMBH	
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<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>
	Application Number:	17610736
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<b>Fax Number:</b>	(617)849-5451	
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<b>ATTORNEY DOCKET NUMBER:</b>	P82786US	
<b>NAME OF SUBMITTER:</b>	BENJEMAN L. VON RUEDEN	
<b>SIGNATURE:</b>	/Benjeman L. von Rueden, Reg.# 74,693/	
<b>DATE SIGNED:</b>	04/22/2022	
<b>Total Attachments: 2</b>		
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ASSIGNMENT OF PATENT RIGHTSCompany to Company

This Assignment is made effective this January 20, 2022, by and between OSRAM GmbH (hereinafter "Assignor") and OSRAM Opto Semiconductors GmbH (hereinafter "Assignee") (individually referred to as "Party" and collectively as "Parties")

**WHEREAS**, Assignor possesses certain rights in and to the below-identified patent application(s) and/or granted patent(s) (hereinafter "Patent Application(s)/Granted Patent(s)");

Title	MANGANESE-DOPED RED LUMINESCENT MATERIAL AND CONVERSION LED				
Filing Date (DD/MM/YYYY)	Filing Number	Grant Date (DD/MM/YYYY)	Grant Number:	Internal Case Number(s):	
05/11/2020	PCT/EP2020/062960			2019P00641WOUS	

and

**WHEREAS**, Assignor desires to assign the Patent Application(s)/Granted Patent(s) and all of Assignor's rights therein to Assignee and Assignee desires to acquire such rights and Patent Application(s)/Granted Patent(s);

**NOW THEREFORE**, for good and valuable consideration, the receipt and sufficiency of which is hereby acknowledged, Assignor hereby assigns, sells and transfers to Assignee, its successors and assigns, Assignor's entire right, (including all priority rights), title and interest in and to the Patent Application(s)/Granted Patent(s), all inventions and improvements which are disclosed therein, and all patent applications and granted patents claiming priority to said Patent Application(s)/Granted Patent(s), including, without limitation, all divisionals, continuations, substitutes, renewals, reissues, and extensions thereof in the United States and all foreign countries (collectively hereinafter "Patent Rights").

Assignor agrees that the Assignee may apply for and receive patents for said Patent Rights in its own name; and that, when requested, Assignor will execute all divisional, continuation, substitute, renewal, reissue, and all other patent applications on any of the Patent Rights; 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 Assignor relating to the Patent Rights; 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 the Patent Rights and for vesting title to the Patent Rights in said Assignee, its successors and assigns.

IN WITNESS WHEREOF, the Parties have caused this Assignment to be executed by their duly authorized representatives on the effective date first written above.

ASSIGNOR  
OSRAM GmbH

Mar 31, 2022

  
(W. Christine Maierl 19/04/20, 2032, 10, 12, 0981192)

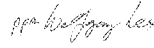
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Christine Maierl

Head of IP Management Office Head Portfolio Development

ASSIGNEE  
OSRAM Opto Semiconductors GmbH

Apr 4, 2022



Helge Grasshoff

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