

PATENT ASSIGNMENT COVER SHEET

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SUBMISSION TYPE:	NEW ASSIGNMENT
NATURE OF CONVEYANCE:	ASSIGNMENT
CONVEYING PARTY DATA	
Name	Execution Date
CHRISTOPHER SOELL	11/13/2021
MARKUS KOESLER	11/01/2021
JENS RICHTER	10/18/2021
RECEIVING PARTY DATA	
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PROPERTY NUMBERS Total: 1	
Property Type	Number
Application Number:	17609396
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<i>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.</i>	
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ATTORNEY DOCKET NUMBER:	6519-0029OSR
NAME OF SUBMITTER:	YOON S. HAM
SIGNATURE:	/Yoon S. Ham/
DATE SIGNED:	11/29/2021
Total Attachments: 7	
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PATENT

REEL: 058231 FRAME: 0100

Docket No.: 6519-0029OSR

COMBINED ASSIGNMENT AND DECLARATION**DECLARATION (37 C.F.R. §1.63) FOR UTILITY OR DESIGN APPLICATION**

As a BELOW NAMED INVENTOR, I hereby declare that:

This declaration is directed to either the attached application, or the above identified United States application or PCT international application number **PCT/EP2020/061616** filed on **April 27, 2020**.

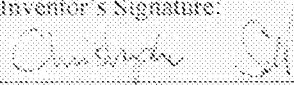
The above-identified application was made or authorized to be made by me.

I believe that I am the original inventor or an original joint inventor of a claimed invention in the application.

I hereby acknowledge that any willful false statement made in this declaration is punishable under 18 U.S.C. §1001 by fine or imprisonment of not more than (5) years, or both.

Direct all correspondence to the address associated with Customer Number: **22429**

Hauptman Ham, LLP
 Telephone: +1-703-684-1111
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Legal Name of Sole or First Inventor:			
Christopher SOELL			
Inventor's Signature:		Date:	
		12 November 2021	
Residence: City	State	Country	
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Mailing address			
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City	State	Zip Code	Country
Zirndorf		90513	DE

Legal Name of Additional Joint Inventor, if any:			
Markus KOESLER			
Inventor's Signature:		Date:	
Residence: City	State	Country	
Landsht		DE	
Mailing address			
Weingartenweg 14a			
City	State	Zip Code	Country
Landsht		84036	DE

Docket No.: 6519-0029OSR

COMBINED ASSIGNMENT AND DECLARATION**ASSIGNMENT**

In consideration of the premises and other good and valuable consideration in hand paid, the receipt and sufficiency of which is hereby acknowledged, each BELOW NAMED INVENTOR who has made a certain new and useful invention, hereby sells, assigns and transfers OSRAM Opto Semiconductors GmbH having a place of business at Leibnizstr. 4, 93055 Regensburg Germany, its successors and assigns (hereinafter designated "ASSIGNEE") the entire right, title and interest for the United States of America as defined in 35 U.S.C. 109 in the invention entitled:

METHOD OF GENERATING A PWM SIGNAL AND CIRCUIT FOR GENERATING A PWM SIGNAL

- (a) for which an application for United States Letters Patent was filed on _____ and identified by United States Patent Application No. _____; or
- (b) for which an application for United States Letters Patent was executed on _____.

and the undersigned hereby authorizes and requests the United States Commissioner of Patents and Trademarks to issue any and all United States Letters Patent which may be granted therefore and any and all extensions, divisions, reissues, continuations, or continuations-in-part thereof, and the right to all benefits under the International Convention for the Protection of Industrial Property to the said ASSIGNEE, for its interest as ASSIGNEE, its successors, assigns and legal representatives; the undersigned agrees that the attorneys of record in said application shall hereafter act on behalf of said ASSIGNEE;

AND the undersigned hereby agrees to transfer a like interest, and to render all necessary assistance in making application for and obtaining original, divisional, reissued or extended Letters Patent of the United States, upon request of the said ASSIGNEE, its successors, assigns and legal representatives, and without further remuneration, in and to any improvements, and applications for patent based thereon, growing out of or related to the said invention; and to execute any papers by the said ASSIGNEE, its successors, assigns and legal representatives, deemed essential to ASSIGNEE's full protection and title in and to the invention hereby transferred.

Docket No.: 6519-0029OSR

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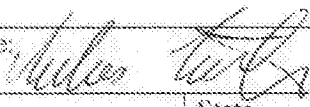
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Direct all correspondence to the address associated with Customer Number: 22429

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Legal Name of Sole or First Inventor:			
Christopher SOELL			
Inventor's Signature:			Date:
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City Zirndorf	State	Zip Code 90513	Country DE

Legal Name of Additional Joint Inventor, if any:			
Markus KOESLER			
Inventor's Signature: 			Date: 1 st Nov. 2021
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Mailing address Weingartenweg 14a			
City Landshut	State	Zip Code 84036	Country DE

Docket No.: 6519-00290SR

COMBINED ASSIGNMENT AND DECLARATION

Legal Name of Additional Joint Inventor, if any:			
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Inventor's Signature:		Date:	
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Mailing address			
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City	State	Zip Code	Country
Hemau		93155	DE

Docket No.: 6519-0029OSR

COMBINED ASSIGNMENT AND DECLARATION**ASSIGNMENT**

In consideration of the premises and other good and valuable consideration in hand paid, the receipt and sufficiency of which is hereby acknowledged, each BELOW NAMED INVENTOR who has made a certain new and useful invention, hereby sells, assigns and transfers **OSRAM Opto Semiconductors GmbH** having a place of business at **Leibnizstr. 4, 93055 Regensburg Germany**, its successors and assigns (hereinafter designated "ASSIGNEE") the entire right, title and interest for the United States of America as defined in 35 U.S.C. 100 in the invention entitled:

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- (a) for which an application for United States Letters Patent was filed on _____, and identified by United States Patent Application No. _____; or
- (b) for which an application for United States Letters Patent was executed on _____,

and the undersigned hereby authorizes and requests the United States Commissioner of Patents and Trademarks to issue any and all United States Letters Patent which may be granted therefore and any and all extensions, divisions, reissues, continuations, or continuations-in-part thereof, and the right to all benefits under the International Convention for the Protection of Industrial Property to the said ASSIGNEE, for its interest as ASSIGNEE, its successors, assigns and legal representatives; the undersigned agrees that the attorneys of record in said application shall hereafter act on behalf of said ASSIGNEE;

AND the undersigned hereby agrees to transfer a like interest, and to render all necessary assistance in making application for and obtaining original, divisional, reissued or extended Letters Patent of the United States, upon request of the said ASSIGNEE, its successors, assigns and legal representatives, and without further remuneration, in and to any improvements, and applications for patent based thereon, growing out of or related to the said invention; and to execute any papers by the said ASSIGNEE, its successors, assigns and legal representatives, deemed essential to ASSIGNEE's full protection and title in and to the invention hereby transferred.

Docket No.: 6519-0029OSR

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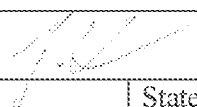
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Legal Name of Sole or First Inventor:			
Christopher SOELL			
Inventor's Signature:			Date:
Residence: City Zirndorf	State	Country DE	
Mailing address Spatzenweg 3			
City Zirndorf	State	Zip Code 90513	Country DE

Legal Name of Additional Joint Inventor, if any:			
Markus KOESLER			
Inventor's Signature:			Date:
Residence: City Landshut	State	Country DE	
Mailing address Weingartenweg 14a			
City Landshut	State	Zip Code 84036	Country DE

Docket No.: 6519-0029OSR

COMBINED ASSIGNMENT AND DECLARATION

Legal Name of Additional Joint Inventor, if any:			
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Inventor's Signature: 		Date: 18.10.2021	
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