505379146 03/18/2019

PATENT ASSIGNMENT COVER SHEET

Electronic Version v1.1 Stylesheet Version v1.2

SUBMISSION TYPE: NEW ASSIGNMENT

NATURE OF CONVEYANCE: ASSIGNMENT

CONVEYING PARTY DATA

Name	Execution Date
ISABEL OTTO	02/19/2019
KORBINIAN PERZLMAIER	02/13/2019

RECEIVING PARTY DATA

Name:	OSRAM OPTO SEMICONDUCTORS GMBH
Street Address:	LEIBNIZSTR. 4
City:	REGENSBURG
State/Country:	GEORGIA
Postal Code:	93055

PROPERTY NUMBERS Total: 1

Property Type	Number
Application Number:	16322995

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@dlapiper.com

Correspondent Name: T. DANIEL CHRISTENBURY

Address Line 1: ONE LIBERTY PLACE

Address Line 2: 1650 MARKET STREET, SUITE 4900
Address Line 4: PHILADELPHIA, PENNSYLVANIA 19103

ATTORNEY DOCKET NUMBER:	EHF-18-1750
NAME OF SUBMITTER:	CAROL CONEY
SIGNATURE:	/cc/
DATE SIGNED:	03/18/2019
	This document serves as an Oath/Declaration (37 CFR 1.63).

Total Attachments: 4

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PATENT REEL: 048620 FRAME: 0449

EPAS ID: PAT5425939

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PATENT REEL: 048620 FRAME: 0450

COMBINED DECLARATION/ASSIGNMENT

WHEREAS, we

Isabel Otto of Regensburg, Germany Korbinian Perzlmaier of Regensburg, Germany

(hereinafter referred to as "the undersigned"), have made an invention entitled COMPONENT AND METHOD OF MANUFACTURING COMPONENTS, identified in International Application No. PCT/EP2017/068470 and US Application No. 16/322,995,

the above-identified application was made or authorized to be made by the persons executing this Declaration;

we believe that we are the original joint inventors of a claimed invention in the application;

we hereby acknowledge that any willful false statement made in this Declaration is punishable under 18 USC §1001 by fine or imprisonment of not more than five (5) years, or both.

WHEREAS, OSRAM Opto Semiconductors GmbH, with offices at Leibnizstr. 4, 93055 Regensburg, Germany (hereinafter referred to as "assignee"), is desirous of acquiring the entire right, title and interest in said invention, said US application and all letters patent issuing for said invention,

NOW, THEREFORE, in consideration of One Dollar (\$1.00) and of other good and valuable consideration, receipt of which is hereby acknowledged, the undersigned, intending to be legally bound, does hereby sell, assign and transfer to the assignee the entire right, title and interest, for the United States of America, its territories and possessions, and for all foreign countries, in said invention, including said US application, all divisions and continuations thereof, all rights to claim priority based thereon, all rights to file foreign applications on said invention, and all letters patent and reissues thereof, issuing for said invention in the United States of America and in any and all foreign countries.

It is agreed that the undersigned shall be legally bound, upon request of the assignee, or its successors or assigns or a legal representative thereof, to supply all information and evidence of which the undersigned has knowledge or possession, relating to the making and practice of said invention, to testify in any legal proceeding relating thereto, to execute all instruments proper to patent the invention in the United States of America and foreign countries in the name of the assignee, and to execute all instruments proper to carry out the intent of this instrument. If the undersigned includes more than one individual, these obligations shall apply to all of the undersigned both individually and collectively.

The rights and property herein conveyed by the undersigned are free and clear of any encumbrance.

EXECUTED on the dates set forth below.

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2016P00799WOUS (5806) / P2016,0861 US N (THN/HF)

_lsc	abel allo	
Date	19. February 2019	Isabel Otto
Date		Korbinian Perlmaier

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2016P00799WOUS (5806) / P2016,0861 US N (THN/HF)

Date Isabel Otto

Date February 13th, 2019 Korbinian Perlmaier

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RECORDED: 03/18/2019

PATENT REEL: 048620 FRAME: 0454