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SUBMISSION TYPE:		NEW ASSIGNMENT	NEW ASSIGNMENT		
NATURE OF CONVEYANCE:		ASSIGNMENT	ASSIGNMENT		
CONVEYING PARTY	DATA				
		Name		Execution Date	
ANGELA EBERHARD	Т			06/23/2016	
CHRISTINA WILLE			06/26/2016		
CHRISTIAN RÜSSEL				07/04/2016	
MATTHIAS MÜLLER				06/27/2016	
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Street Address:		MARCEL-BREUER-STR. 6			
City:	MÜNC	MÜNCHEN			
State/Country:	GERM	GERMANY			
Postal Code:	80807				
Property Type Application Number: 151		15102988	Number		
Application Number: 151		15102988			
CORRESPONDENCE DATA Fax Number: (972)		(972)732-9218			
	be sent to	o the e-mail address first; if that	is unsuc	cessful, it will be sent	
using a fax number,	if provide	d; if that is unsuccessful, it will b	e sent vi	a US Mail.	
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ATTORNEY DOCKET NUMBER:		OSR-331			
NAME OF SUBMITTER:		AVA CHUANG	AVA CHUANG		
SIGNATURE:		/Ava Chuang/	/Ava Chuang/		
DATE SIGNED:		08/17/2016	08/17/2016		
Total Attachments: 14					
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ASSIGNMENT

For good and valuable consideration, I (We),

Angela <u>Eberhardt</u> residing at Metzstr. 46 86157 Augsburg Germany citizen of Germany

Christina <u>Wille</u> residing at Hochstallerweg 26 86316 Friedberg Germany citizen of Germany

Christian <u>Rüssel</u> residing at Lützerodaer Str. 22 07743 Jena Germany citizen of Germany

Matthias <u>Müller</u> residing at Klosterweg 11 07745 Jena Germany citizen of Germany

hereafter individually or collectively referred to as "Assignor(s)";

Hereby, (I) acknowledge having previously assigned, sold and transferred to **OSRAM GmbH**, a corporation organized and existing under the laws of GERMANY, having its principal place of business at Marcel-Breuer-Str. 6, München, 80807, 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(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 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: Glass composition, component, and method for producing a component Filing Date: 06/09/2016 (MM/DD/YYYY) Filing Number: 15/102,988 Internal Case Number(s): OSR-331

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 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 for vesting title to said inventions and/or improvements and all applications for patents 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.

rentianer lascal

Witness Signature

Angela Stenhardt

Rabenbauer Pascal

printed name of witness

23. Jane 2016 Date

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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 for vesting title to said inventions and or improvements and all applications for patents and all patents on said inventions and/or improvements, in said Assignee, its successors, assigns and legal representatives; and

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Witness Signature

Angela Eberhardt

printed name of witness

Witness Signature

Peter Wille

printed name of witness

Docket No.: OSR-331 P2013,1347 US N / 2013P02042WOUS (CVH/PAA) Page 3 of 3

vA

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Christina Wille

26.6.1

Christian Rüssel

Dat

Witness Signature

printed name of witness

Witness Signature

printed name of witness

Matthias Müller

Date

Date

Companies Representative(s) OSRAM GmbH

Signature Name

Date

Signature Name

ASSIGNMENT

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Witness Signature

Angela Eberhardt

printed name of witness

Witness Signature

Christina Wille

Christian Rüssel

July 4th, 2016

printed name of witness

Date

Witness Signature

USSEL ANGELA

printed name of witness

Matthias Müller

printed name of witness

Witness Signature

Date

Companies Representative(s) OSRAM GmbH

Signature Name

Date

Signature

Name

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Witness Signature

Angela Eberhardt

printed name of witness

Witness Signature	Christina Wille
printed name of witness	Date
Witness Signature	Christian Rüssel
printed name of witness	Date
Jabriele Miller Witness Signature	Matthias Müller
<u>Gabriele Müller</u> printed name of witness	June 27, 2016 Date

Companies Representative(s) OSRAM GmbH

Signature Name

Date

Signature Name

Date

ASSIGNMENT

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Angela <u>Eberhardt</u> residing at Metzstr. 46 86157 Augsburg Germany citizen of Germany

Christina <u>Wille</u> residing at Hochstallerweg 26 86316 Friedberg Germany citizen of Germany

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printed name of witness	Date
	Companies Representative(s) OSRAM GmbH Signature
	Name Dr. Benjamin Paul Senior Patent (P Counsel Date 19.0716
	Signature T.V. Kurst Name Dr. Franz Raiser Senior Patent (P Counsel
	Date 19.07.16

RECORDED: 08/17/2016