504054993 10/18/2016

PATENT ASSIGNMENT COVER SHEET

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SUBMISSION TYPE:	NEW ASSIGNMENT
NATURE OF CONVEYANCE:	ASSIGNMENT

CONVEYING PARTY DATA

Name	Execution Date
DANIEL RIEDEL	09/24/2016
THOMAS WEHLUS	09/28/2016
CAROLA DIEZ	09/07/2016
NINA RIEGEL	09/06/2016
ULRICH NIEDERMEIER	09/09/2016
ARNE FLEISSNER	09/06/2016
ERWIN LANG	09/09/2016

RECEIVING PARTY DATA

Name:	OSRAM OLED GMBH
Street Address:	WERNERWERKSTR. 2
City:	REGENSBURG
State/Country:	GERMANY
Postal Code:	93049

PROPERTY NUMBERS Total: 1

Property Type	Number
Application Number:	15120392

CORRESPONDENCE DATA

Fax Number: (972)732-9218

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: 972-732-1001

Email: docketing@slatermatsil.com

Correspondent Name: SLATER MATSIL, LLP **Address Line 1:** 17950 PRESTON RD.

Address Line 2: SUITE 1000

Address Line 4: DALLAS, TEXAS 75252

ATTORNEY DOCKET NUMBER:	OSR-346
NAME OF SUBMITTER:	AVA CHUANG
SIGNATURE:	/Ava Chuang/
DATE SIGNED:	10/18/2016

504054993 REEL: 040396 FRAME: 0384

Total Attachments: 21 source=OSR-346 Assignment#page1.tif source=OSR-346 Assignment#page2.tif source=OSR-346 Assignment#page3.tif source=OSR-346 Assignment#page4.tif source=OSR-346 Assignment#page5.tif source=OSR-346 Assignment#page6.tif source=OSR-346 Assignment#page7.tif source=OSR-346 Assignment#page8.tif source=OSR-346 Assignment#page9.tif source=OSR-346 Assignment#page10.tif source=OSR-346 Assignment#page11.tif source=OSR-346 Assignment#page12.tif source=OSR-346 Assignment#page13.tif source=OSR-346 Assignment#page14.tif source=OSR-346 Assignment#page15.tif source=OSR-346 Assignment#page16.tif source=OSR-346 Assignment#page17.tif source=OSR-346 Assignment#page18.tif source=OSR-346 Assignment#page19.tif source=OSR-346 Assignment#page20.tif source=OSR-346 Assignment#page21.tif

Docket No.: OSR-346 P2014,0161 US N / 2013P01616WOUS (SB/HF) Page 1 of 4

ASSIGNMENT

For good and valuable consideration, I (We),

Daniel <u>Riedel</u> residing at Hans-Huber-Str. 4 93049 Regensburg Germany citizen of Germany

Thomas Wehlus
residing at Auf den Höhen 13
93138 Lappersdorf
Germany
citizen of Germany

Carola <u>Diez</u> residing at Liskircherstr. 11 93049 Regensburg Germany citizen of Germany

Nina <u>Riegel</u> residing at Waldweg 16 93105 Tegernheim Germany citizen of Germany

Ulrich Niedermeier residing at Oberwalting 61 94339 Leiblfing Germany citizen of Germany

Arne <u>Fleißner</u> residing at Alte Nürnberger Str. 48 93059 Regensburg Germany citizen of Germany

Erwin <u>Lang</u>
residing at Hanns-Seidel-Weg 3
93051 Regensburg
Germany
citizen of Germany

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

Hereby, (I) acknowledge having previously assigned, sold and transferred to OSRAM OLED GmbH, a corporation organized and existing under the laws of GERMANY, having its principal

P2014,0161 US N / 2013P01616WOUS

(SB/HF) Page 2 of 4

place of business at Wernerwerkstr. 2 in 93049 Regensburg, 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 that is in conflict with or is 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 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: ORGANIC LIGHT-EMITTING DEVICE

Filing Date: 08/19/2016 (MM/DD/YYYY)

Filing Number: 15/120,392

Internal Case Number(s): OSR-346

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 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

P2014,0161 US N / 2013P01616WOUS

(SB/HF) Page 3 of 4

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.

Nutcha V. Roots H Witness Signature	Daniel Riedel
Aurelia you Restorff printed name of witness	24 Spkijbr 2016 Date
Witness Signature	Thomas Wehlus
printed name of witness	
Witness Signature	Carola Diez
printed name of witness	Date
Witness Signature	Nina Riegel
FYILLICOG CHIGHEALUIC	rana ruegei
printed name of witness	Date

P2014,0161 US N / 2013P01616WOUS

(SB/HF) Page 4 of 4

Witness Signature	Ulrich Niedermeier
printed name of witness	Date
Witness Signature	Arne Fleißner
printed name of witness	Date
Witness Signature	Erwin Lang
printed name of witness	Date
	Companies Representative(s) OSRAM OLED GmbH Signature Name Date
	Signature Name Date

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citizen of Germany

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Arne Fleißner residing at Alte Nürnberger Str. 48 93059 Regensburg Germany citizen of Germany

Erwin Lang residing at Hanns-Seidel-Weg 3 93051 Regensburg Germany citizen of Germany

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Patent Application Title: ORGANIC LIGHT-EMITTING DEVICE

Filing Date: 08/19/2016 (MM/DD/YYYY)

Filing Number: 15/120,392

Internal Case Number(s): OSR-346

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 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 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

P2014,0161 US N / 2013P01616WOUS

(SB/HF) Page 3 of 4

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.

Witness Signature	Daniel Riedel
printed name of witness	Date
<u>S. Harlinger</u> Witness Signature	Thomas Wehlus
Stefan Nartinger printed name of witness	<u>28.03.2016</u> Date
Witness Signature	Carola Diez
printed name of witness	Date
Witness Signature	Nina Riegel
printed name of witness	Date

Docket No.: OSR-346 P2014,0161 US N / 2013P01616WOUS (SB/HF) Page 4 of 4

	Ulrich Niedermeier
printed name of witness	Date
	Arne Fleißner
vviiness oignature	Ville Lielizilei
printed name of witness	Date
Witness Signature	Erwin Lang
printed name of witness	Date
	Companies Representative(s) OSRAM OLED GmbH
	Signature Name
	Date
	Signature Name
	Date

Docket No.: OSR-346 P2014,0161 US N / 2013P01616WOUS (SB/HF) Page 1 of 4

ASSIGNMENT

For good and valuable consideration, I (We),

Daniel <u>Riedel</u> residing at Hans-Huber-Str. 4 93049 Regensburg Germany citizen of Germany

Thomas <u>Wehlus</u>
residing at Auf den Höhen 13
93138 Lappersdorf
Germany
citizen of Germany

Carola <u>Diez</u> residing at Liskircherstr. 11 93049 Regensburg Germany citizen of Germany

Nina <u>Riegel</u> residing at Waldweg 16 93105 Tegernheim Germany citizen of Germany

Ulrich Niedermeier residing at Oberwalting 61 94339 Leiblfing Germany citizen of Germany

Arne Fleißner residing at Alte Nürnberger Str. 48 93059 Regensburg Germany citizen of Germany

Erwin Lang residing at Hanns-Seidel-Weg 3 93051 Regensburg Germany citizen of Germany

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

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P2014,0161 US N / 2013P01616WOUS (SB/HF) Page 2 of 4

place of business at Wernerwerkstr. 2 in 93049 Regensburg, 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 that is in conflict with or is 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 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: ORGANIC LIGHT-EMITTING DEVICE

Filing Date: 08/19/2016 (MM/DD/YYYY)

Filing Number: 15/120,392

Internal Case Number(s): OSR-346

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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 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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P2014,0161 US N / 2013P01616WOUS

(SB/HF) Page 3 of 4

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Witness Signature	Daniel Riedel
printed name of witness	Date
Witness Signature	Thomas Wehlus
printed name of witness	Date
Witness Signature	Cavo Carola Diez
Paphael Scherrer printed name of witness	September 7th 2016 Date
Witness Signature	Nina Riegel
printed name of witness	Date

Docket No.: OSR-346 P2014,0161 US N / 2013P01616WOUS

(SB/HF) Page 4 of 4

Witness Signature	Ulrich Niedermeier
printed name of witness	Date
Witness Signature	Arne Fleißner
printed name of witness	Date
Witness Signature	Erwin Lang
printed name of witness	Date
	Companies Representative(s) OSRAM OLED GmbH Signature
	Name
	Date
	Signature Name
	Date

Docket No.: OSR-346 P2014,0161 US N / 2013P01616WOUS (SB/HF) Page 1 of 4

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Daniel <u>Riedel</u> residing at Hans-Huber-Str. 4 93049 Regensburg Germany citizen of Germany

Thomas Wehlus
residing at Auf den Höhen 13
93138 Lappersdorf
Germany
citizen of Germany

Carola <u>Diez</u>
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Patent Application Title: ORGANIC LIGHT-EMITTING DEVICE

Filing Date: 08/19/2016 (MM/DD/YYYY)

Filing Number: 15/120,392

Internal Case Number(s): OSR-346

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Docket No.: OSR-346 P2014,0161 US N / 2013P01616WOUS (SB/HF) Page 3 of 4

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Witness Signature	Daniel Riedel
printed name of witness	Date Date
Witness Signature	Thomas Wehlus
printed name of witness	Date
Witness Signature	Carola Diez
printed name of witness	Date
Witness Signature Anchecus Rous A printed name of witness	Nina Riegel 69,16 Date

Docket No.: OSR-346 P2014,0161 US N / 2013P01616WOUS (SB/HF)

Page 4 of 4

	Ulrich Niedermeier
Julia Desjandias printed name of witness	September 9, 2016 Date
Witness Signature	Arne Fleißner
printed name of witness	Date
Corputs Witness Signature	Erwin Loung Erwin Lang 9. September 2016 Date
Cone Name printed hame of witness	9. September 2016 Date
	Companies Representative(s) OSRAM OLED GmbH Signature Name Date
	Signature Name Date

P2014,0161 US N / 2013P01616WOUS

(SB/HF) Page 4 of 4

Mrs. — O' I	
Witness Signature	Ulrich Niedermeier
printed name of witness	
Witness Signature Grosser Julia	A. R. The Arne Fleißner
printed name of witness	06 September 2016 Date
Witness Signature	Erwin Lang
printed name of witness	Date
	Companies Representative(s) OSRAM OLED GmbH Signature Name
	Date
	Signature Name
	Date

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Filing Number: 15/120,392

Internal Case Number(s): OSR-346

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 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

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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.

Witness Signature	Daniel Riedel
printed name of witness	
Witness Signature	Thomas Wehlus
printed name of witness	
	Carola Diez
printed name of witness	
Witness Signature	Nina Riegel
printed name of witness	

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Witness Signature	Ulrich Niedermeier
printed name of witness	Date
Witness Signature	Arne Fleißner
printed name of witness	Date
Witness Signature	Erwin Lang
printed name of witness	Date
	Companies Representative(s) OSRAM OLED GmbH Signature Name Dr. Marc Lunnemann CEO Date
	Signature Dr. Karsten Diekmann Date 8 9 76

PATENT REEL: 040396 FRAME: 0406

RECORDED: 10/18/2016