11/21/2018 505202273

PATENT ASSIGNMENT COVER SHEET

Electronic Version v1.1 Stylesheet Version v1.2 EPAS ID: PAT5249041

SUBMISSION TYPE:	NEW ASSIGNMENT
NATURE OF CONVEYANCE:	ASSIGNMENT

CONVEYING PARTY DATA

Name	Execution Date
PETER JOSEF SCHMIDT	11/16/2018
PHILIPP-JEAN STROBEL	11/21/2018
SEBASTIAN FLORIAN SCHMIECHEN	11/14/2018
CORA SIEGLINDE HECHT	11/16/2018
VOLKER WEILER	11/19/2018
WOLFGANG SCHNICK	11/15/2018

RECEIVING PARTY DATA

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PROPERTY NUMBERS Total: 1

Property Type	Number
Application Number:	15526519

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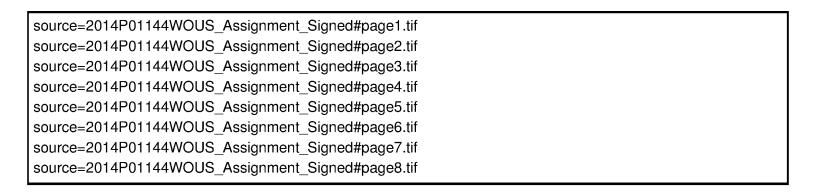
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ATTORNEY DOCKET NUMBER:	2014P01144WOUS
NAME OF SUBMITTER:	DAVID C. HSIA
SIGNATURE:	/David C Hsia/
DATE SIGNED:	11/21/2018

Total Attachments: 8

PATENT REEL: 047565 FRAME: 0355

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PATENT REEL: 047565 FRAME: 0356 Atty. Docket No. 2014P01144WOUS

ASSIGNMENT

Whereas,

Peter Josef Schmidt

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Volker Weiler

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Am Würmufer 6 82131 Gauting Germany

(hereafter jointly and severally referred to as the undersigned), are the inventors of LED PHOSPHOR COMPRISING BOW-TIE SHAPED A2N6 BUILDING BLOCKS that is the subject of International Application No. PCT/EP2015/075788, for which the undersigned have executed an application for United States Letters Patent,

U.S. Patent Application No. <u>15/526,519</u>, filed <u>May 12, 2017</u>.

The undersigned hereby authorize assignee or assignee's representative to insert the Application Number and the filing date of this application if they are unknown at the time of execution of this assignment.

Koninklijke Philips N.V., having a place of business at High Tech Campus 5, Eindhoven 5656 AE, Netherlands, (hereafter referred to as the assignee), is desirous of acquiring the entire right, title and interest in said invention, all applications for and all letters patent issued on said invention.

For good and valuable consideration, the receipt and sufficiency of which is acknowledged, the undersigned, intending to be legally bound, do hereby sell, assign and transfer to the assignee and assignee's successors, assigns and legal representatives the entire right, title and interest in said invention and all patent

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applications thereon, including, but not limited to, the application for United States Letters Patent entitled as above, and all divisions and continuations thereof, and in

all letters patent, including all reissues and reexaminations thereof, throughout the

world, including the right to claim priority under the Paris Convention or other

treaty.

It is agreed that the undersigned shall be legally bound, upon request of the

assignee, to supply all information and evidence 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 throughout the world for the benefit of

the assignee, and to execute all instruments proper to carry out the intent of this

instrument.

The undersigned warrant that the rights and property herein conveyed are free

and clear of any encumbrance.

AND this Assignment may be executed in multiple counterparts, each of which

shall be deemed to be an original of this Assignment. Additionally, we hereby

authorize our attorneys to collect the signature pages of each executed counterpart

and to attach those signature pages to a single copy of this instrument, which single

copy and attached signature pages together shall constitute an original of this

Assignment.

AND if this Agreement is signed electronically (e.g., via DocuSign, Adobe Sign,

Hello Sign, electronically drawn, or the like), by signing this Agreement

electronically, the undersigned agree that the undersigned's electronic signature is

the legal equivalent of the undersigned's manual signature on this Agreement. The

undersigned further agree that use of a touch pad, keyboard, key pad, mouse or other

device to select a signature item, button, icon or a similar act/action constitutes the

undersigned's signature as if manually signed by the undersigned.

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PATENT REEL: 047565 FRAME: 0358 Atty. Docket No. 2014P01144WOUS

16.11.2018 07:24:41 EST

Date

Peter Josef Schmidt

Aachen, Germany

(City and

Country)

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Atty. Docket No.	2014P01144WOUS	_
21.11.2018 0	1:11:40 PST	Philipp-Jean Strobel
Date		Philipp-Jean Strobel
Signed at	Aachen, Germany	
-	(City and Country)	

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Atty. Docket No	. <u>2014P01144WOUS</u>	
14.11.2018 2	3:02:27 PST	Sebastian Florian Schmiedun
Date		Sebasifan Florian Schmiechen
Signed at	Sindelfingen, Ger	rmany
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	Country)	

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Atty. Docket No. 2014P01144WOUS

19.11.2018	00:53:42 PST	Docusigned by: Volker Weiler
Date		Volker Weiler 754AE
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Atty. Docket No. <u>2014P01144WOUS</u>

Docusigned by:

Wolfgang Schnick

Wolfgang Schnick

Gauting, Germany

Signed at

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RECORDED: 11/21/2018

PATENT REEL: 047565 FRAME: 0364