502637415 01/15/2014

PATENT ASSIGNMENT COVER SHEET

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SUBMISSION TYPE:	NEW ASSIGNMENT
NATURE OF CONVEYANCE:	ASSIGNMENT

CONVEYING PARTY DATA

Name	Execution Date
ANTONIUS MARIA BERNARDUS VAN MOL	09/19/2013
PETER VAN DE WEIJER	09/19/2013
DIMITER LUBOMIROV KOTZEV	09/04/2013

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PROPERTY NUMBERS Total: 1

Property Type	Number
Application Number:	13881441

CORRESPONDENCE DATA

PATENT REEL: 031978 FRAME: 0741

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ATTORNEY DOCKET NUMBER:	0064.108
NAME OF SUBMITTER:	THOMAS D. BRATSCHUN
Signature:	/TD Bratschun/
Date:	01/15/2014

Total Attachments: 2

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PATENT REEL: 031978 FRAME: 0742

Attorney Docket: 0064.108 DJ/P92037US00

ASSIGNMENT

WHEREAS, the undersigned inventor(s) (referred to, collectively, if more than one, as "Assignor") have made an invention entitled Opto-Electric Device and Method of Manufacturing an Opto-Electric Device, for which an application for United States Letters Patent was filed on April 25, 2013, as Application Serial No. 13/881,441, which is the U.S. national stage application corresponding to PCT Patent Application No. PCT/NL2011/050653, filed September 27, 2011, and

WHEREAS, Nederlandse Organisatie voor toegepast-natuurwetenschappelijk onderzoek TNO, Netherlands Research Organisation, having a place of business at Schoemakerstraat 97, 2628 VK Delft, The Netherlands, and Huntsman Advanced Materials (Switzerland) GmbH, a Switzerland limited liability company, having a place of business at Klybeckstrasse 200, 4057 Basel, Switzerland, and Koninklijke Philips N.V., a Netherlands public limited liability company, having a place of business at High Tech Campus 5, 5656 AE Eindhoven, The Netherlands, (collectively, "Assignee") each desire to acquire one-third of the right, title and interest from each inventor in and to the above identified invention and application;

NOW, THEREFORE, Assignor, for good and valuable consideration, the receipt and sufficiency of which is hereby acknowledged, does hereby sell, assign, convey and transfer unto each Assignee 1/3 of all right, title and interest in and to the above identified invention and application, together with all corresponding international and foreign applications and patents which may be filed thereon, including the right to claim priority from the above identified United States application; and Assignor hereby agrees that Assignor will sign all lawful papers, including, without limitation, all divisional, continuation, renewal, extension and reissue applications, and make all rightful oaths in execution thereof, and will generally do everything possible to aid each Assignee, its successors, assigns and nominees to obtain and enforce proper protection for the invention in all countries, this obligation to be binding upon Assignor (each and severally, if more than one) and upon Assignor's personal representative or other legal successor.

IN TESTIMONY WHEREOF, the undersigned Assignor (and each of them, if more than one) has signed below.

Date: \ \ \ \ \ \ \ \ \ \ \ \ \ \ \ \ \ \ \	5.4
Date: <u>\G-99-10</u>	Antonius Maria Bernardus van Mol 3 Peter van de Weijer
Date:	
S/ClientFolders/0064 (Vereznigde)/108/	Dimiter Lubomirov Kotzev

1 of 1

Attorney Docket: 0064.108 DJ/P92037US00

ASSIGNMENT

WHEREAS, the undersigned inventor(s) (referred to, collectively, if more than one, as "Assignor") have made an invention entitled Opto-I lectric Device and Method of Manufacturing an Opto-Electric Device, for which an application for United States Letters Patent was filed on April 25, 2013, as Application Serial No. 13/881,441, which is the U.S. national stage application corresponding to PCT Patent Application No. PCT/NL2011/050653, filed September 27, 2011, and

WHEREAS, Nederlandse Organisatie voor toegepast-natuurwetenschappelijk onderzoek TNO, Netherlands Research Organisation, having a place of business at Schoemakerstraat 97, 2628 VK Delft, The Netherlands, and Huntsman Advanced Materials (Switzerland) GmbH, a Switzerland limited liability company, having a place of business at Klybeckstrasse 200, 4057 Basel, Switzerland, and Koninklijke Philips N.V., a Netherlands public limited liability company, having a place of business at High Tech Campus 5, 5656 AE Eindhoven, The Netherlands, (collectively, "Assig 1ee") each desire to acquire one-third of the right, title and interest from each inventor in and to the above identified invention and application;

NOW, THEREFORE, Assignor, for good and valuable consideration, the receipt and sufficiency of which is hereby acknowledged, does hereby sell, assign, convey and transfer unto each Assignee 1/3 of all right, title and interest in an I to the above identified invention and application, together with all corresponding international and foreign applications and patents which may be filed thereon, including the right to claim priority from the above identified United States application; and Assignor hereby agrees that Assignor will sign all lawful papers, including, without limitation, all divisional, continuation, renewal, extension and reissue applications, and make all rightful oaths in execution thereof, and will generally do everything possible to aid each Assignee, its successors, assigns and nominees to obtain and enforce proper protection for the invention in all countries, this obligation to be binding upon Assignor (each and severally, if more than one) and upon Assignor's personal representative or other legal successor.

IN TESTIMONY WHEREOF, the undersigned Assignor (and each of them, if more than one) has signed below.

Date:	
	Antonius Maria Bernardus van Mol
Date:	
	Peter van de Weijer
Date: 4 Sept 2013	Dhofu
Date.	Dimiter Lubomirov Kotzev
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PATENT REEL: 031978 FRAME: 0744

RECORDED: 01/15/2014