

# PATENT ASSIGNMENT

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SUBMISSION TYPE:	NEW ASSIGNMENT
NATURE OF CONVEYANCE:	ASSIGNMENT
<b>CONVEYING PARTY DATA</b>	
Name	Execution Date
Jan Marfeld	08/08/2011
Ulrich Streppel	08/22/2011
Julius Muschaweck	08/09/2011
<b>RECEIVING PARTY DATA</b>	
Name:	OSRAM Opto Semiconductors GmbH
Street Address:	Leibnizstrasse 4
City:	Regensburg
State/Country:	GERMANY
Postal Code:	93055
<b>PROPERTY NUMBERS Total: 1</b>	
Property Type	Number
Application Number:	13147018
<b>CORRESPONDENCE DATA</b>	
Fax Number:	(215)656-2498
Phone:	215-656-3381
Email:	pto.phil@dlapiper.com
<i>Correspondence will be sent to the e-mail address first; if that is unsuccessful, it will be sent via US Mail.</i>	
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-11-1245
NAME OF SUBMITTER:	Carol Coney
Total Attachments: 3 source=EHF-11-1245#page1.tif source=EHF-11-1245#page2.tif source=EHF-11-1245#page3.tif	

CH \$40.00 13147018

501655740

**PATENT**  
**REEL: 026893 FRAME: 0414**

ASSIGNMENT

WHEREAS, we, Jan Marfeld, Ulrich Streppel and Julius Muschaweck, citizens of Germany, residing at Tellusweg 2, 93055 Regensburg, Germany, Am Sandberg 12, 93057 Regensburg, Germany and Zugspitzstraße 66, 82131 Gauting, Germany, respectively, (hereinafter referred to as "the undersigned"), having made an invention entitled LIGHTING DEVICE, identified in International Application No. PCT/EP2010/051375, and in US Application No. 13/147,018, (DLA Piper is authorized to insert the Serial No. when known),

WHEREAS, OSRAM Opto Semiconductors GmbH, with offices located at Leibnizstraße 4, 93055 Regensburg, Germany (hereinafter referred to as "the 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, do 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 date(s) set forth below.

August 8<sup>th</sup> 2011  
Date

\_\_\_\_\_  
Date

\_\_\_\_\_  
Date

  
Jan Marfeld

\_\_\_\_\_  
Ulrich Streppel

\_\_\_\_\_  
Julius Muschaweck

P2009,0097 US N  
(FM/SSE)  
ERF-11-1245

Pappenheimerstr. 24,  
93059 Regensburg

August 22, 2011

Strupp

ASSIGNMENT

WHEREAS, we, Jan Marfeld, Ulrich Streppel and Julius Muschaweck, citizens of Germany, residing at Tellusweg 2, 93055 Regensburg, Germany, ~~Am Sandberg 12, 93057 Regensburg, Germany and Zugspitzstraße 66, 82131 Gauting, Germany, respectively~~, (hereinafter referred to as "the undersigned"), having made an invention entitled LIGHTING DEVICE, identified in International Application No. PCT/EP2010/051375, and in US Application No. 13/147,018, (DLA Piper is authorized to insert the Serial No. when known),

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EXECUTED on the date(s) set forth below.

Date  
August 22, 2011  
Date

Jan Marfeld  
  
Ulrich Streppel

Date

Julius Muschaweck

P2009,0097 US N  
(FM/SSE)  
EHF-11-1245

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EXECUTED on the date(s) set forth below.

\_\_\_\_\_  
Date

\_\_\_\_\_  
Jan Marfeld

\_\_\_\_\_  
Date

Aug. 9, 2011

\_\_\_\_\_  
Date

\_\_\_\_\_  
Ulrich Streppel

Julius Muschaweck