

PATENT ASSIGNMENT

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SUBMISSION TYPE:	NEW ASSIGNMENT										
NATURE OF CONVEYANCE:	ASSIGNMENT										
CONVEYING PARTY DATA											
<table border="1"> <thead> <tr> <th>Name</th> <th>Execution Date</th> </tr> </thead> <tbody> <tr> <td>Tobias FROST</td> <td>04/20/2012</td> </tr> <tr> <td>Dr. Stefan LORENZ</td> <td>04/20/2012</td> </tr> <tr> <td>Peter SACHSENWEGER</td> <td>04/20/2012</td> </tr> <tr> <td>Dr. Simon SCHWALENBERG</td> <td>04/20/2012</td> </tr> </tbody> </table>	Name	Execution Date	Tobias FROST	04/20/2012	Dr. Stefan LORENZ	04/20/2012	Peter SACHSENWEGER	04/20/2012	Dr. Simon SCHWALENBERG	04/20/2012	
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Tobias FROST	04/20/2012										
Dr. Stefan LORENZ	04/20/2012										
Peter SACHSENWEGER	04/20/2012										
Dr. Simon SCHWALENBERG	04/20/2012										
RECEIVING PARTY DATA											
Name:	OSRAM AG										
Street Address:	Hellabrunner Str. 1										
City:	Munich										
State/Country:	GERMANY										
Postal Code:	81543										
PROPERTY NUMBERS Total: 1											
Property Type	Number										
Application Number:	13513840										
CORRESPONDENCE DATA											
Fax Number:	(212)986-0604										
Phone:	2128834900										
Email:	dparker@cozen.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:	Cozen O'Connor										
Address Line 1:	277 Park Avenue										
Address Line 4:	New York, NEW YORK 10172										
ATTORNEY DOCKET NUMBER:	6021-25PUS-321327										
NAME OF SUBMITTER:	Thomas Langer										
Total Attachments: 3 source=6021-25assgn#page1.tif source=6021-25assgn#page2.tif source=6021-25assgn#page3.tif											

CH \$40.00 13513840

ASSIGNMENT

For good and valuable consideration, I/we, the undersigned

Tobias FROST
residing at:
Franz-Marc-Straße 31
93133 Burglengenfeld,
GERMANY

Citizenship: DE

Dr.Stefan LORENZ
residing at:
Schlossweg 4
93083 Obertraubling,
GERMANY

Citizenship: DE

Peter SACHSENWEGER
residing at:
Amselweg 6a
93197 Zeitlarn,
GERMANY

Citizenship: DE

Dr.Simon SCHWALENBERG
residing at:
Ludwigstr. 51
93093 Donaustauf,
GERMANY

Citizenship: DE

hereby sell, assign, and transfer to

OSRAM AG
a German corporation
organized and existing under the laws of
GERMANY
having its (their) principal place of business
in München; GERMANY

hereinafter the "Assignee(s)", its (their) successor(s), assigns and legal representatives the entire and exclusive right, title and interest in and for the United States and for any of the Contracting States bound by the PCT on the international filing date, in all and to any improvements which are disclosed in the PCT international application for Letters Patent designating the United States and any of the Contracting States bound by the PCT on the international filing date, said application being identified in our records as

Applicants File No. 2009P22504WOUS
and filed as PCT-application PCT/EP2010/067625

and entitled

(Title:) **LIGHTING MODULE**

and in and to said application 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 any of the Contracting States bound by the PCT on the international filing date on any of said improvements; and in and to all original and reissued patents which have been or shall be issued in the United States and any of the Contracting States bound by the PCT on the international filing date on said improvements;

IDNR: 4248 / 06.06.2007

hereby agree that said Assignee(s) may apply for and receive Letters Patent for said improvements in its (their) own name and that when requested without charge to but at the expense of said Assignee(s), its (their) successor(s), assigns, and legal representatives, to carry out in good faith the intent and purpose of this agreement, the undersigned will execute all divisional, continuing substitute, renewal, reissue and all other patent applications on any and all said improvements; execute all rightful oaths, assignments, powers of attorney and other papers; communicate to said Assignee(s), its (their) successor(s), assigns and legal representatives all facts known to the undersigned relating to said improvements and the history thereof; and generally do everything possible which said Assignee(s), its (their) successor(s), assigns, or legal representatives shall consider desirable for aiding in securing and maintaining proper patent protection for said improvements and for vesting title to said improvements and all applications for patents and all patents on said improvements in said Assignee(s), its (their) successor(s), assigns, and legal representatives; and hereby covenant with said Assignee(s), its (their) successor(s), assigns and legal representatives that no assignment, grant, mortgage, license or other agreement affecting the rights and property herein conveyed had been made to others by the undersigned, and that full right to convey the same as herein expressed is possessed by the undersigned.

Date: 20.04.2012

Tobias FROST

Witnesses: Hagen Luckner

(printed name: HAGENLUCKNER)

Witnesses: R. Bert

(printed name: Ralph Bertram)

Date: 20.04.2012

Dr. Stefan LORENZ

Witnesses: Hagen Luckner

(printed name: HAGENLUCKNER)

Witnesses: R. Bert

(printed name: Ralph Bertram)

Date: Apr. 20. 2012

Peter SACHSENWEGER

Witnesses: Hagen Luckner

(printed name: HAGENLUCKNER)

Witnesses: R. Bert

(printed name: Ralph Bertram)

Date: April 20, 2012

S. Schiewinsky
Dr. Simon SCHWALENBERG

Witnesses: Hagen Luckner

Witnesses: R. Be...

(printed name: HAGENLUCKNER)

(printed name: Ralph Be...)