

PATENT ASSIGNMENT

Electronic Version v1.1
 Stylesheet Version v1.1

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>Thomas Brauner</td> <td>01/23/2012</td> </tr> <tr> <td>Johannes Buttstaedt</td> <td>01/23/2012</td> </tr> <tr> <td>Sascha Piltz</td> <td>01/23/2012</td> </tr> </tbody> </table>		Name	Execution Date	Thomas Brauner	01/23/2012	Johannes Buttstaedt	01/23/2012	Sascha Piltz	01/23/2012
Name	Execution Date								
Thomas Brauner	01/23/2012								
Johannes Buttstaedt	01/23/2012								
Sascha Piltz	01/23/2012								
RECEIVING PARTY DATA									
Name:	Osram AG								
Street Address:	Hellabrunner Str. 1								
City:	Muenchen								
State/Country:	FEDERAL REPUBLIC GERMANY								
Postal Code:	81543								
PROPERTY NUMBERS Total: 1									
<table border="1"> <thead> <tr> <th>Property Type</th> <th>Number</th> </tr> </thead> <tbody> <tr> <td>Application Number:</td> <td>13389450</td> </tr> </tbody> </table>		Property Type	Number	Application Number:	13389450				
Property Type	Number								
Application Number:	13389450								
CORRESPONDENCE DATA									
Fax Number:	(617)849-5451								
Phone:	617-275-2642								
Email:	vjp-us@vjp.de								
<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:	Viering, Jentschura & Partner								
Address Line 1:	3770 Highland Ave.								
Address Line 2:	Suite 203								
Address Line 4:	Manhattan Beach, CALIFORNIA 90266								
ATTORNEY DOCKET NUMBER:	P48813US								
NAME OF SUBMITTER:	Casey Garner								
Total Attachments: 2 source=48813US_Assignment#page1.tif source=48813US_Assignment#page2.tif									

CH \$40.00 13389450

ASSIGNMENT

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

Dr.Thomas BRAUNER
residing at:

**Varziner Str. 3
12159 Berlin,
GERMANY**

Citizenship: DE

Sascha PILTZ
residing at:

**Rudower Straße 2
12439 Berlin,
GERMANY**

Citizenship: DE

Johannes BUTTSTAEDT
residing at:

**Foersterstr. 10
14612 Falkensee,
GERMANY**

Citizenship: DE

hereby sell, assign, and transfer to

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

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. 2009P14739WOUS01

and filed as PCT-application PCT/EP2010/060768

and entitled

(Title:) **HIGH-PRESSURE DISCHARGE LAMP HAVING AN IGNITION AID**

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

PATENT
REEL: 027669 FRAME: 0271

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: 23.01.2012

Dr. Thomas BRAUNER
Dr. Thomas BRAUNER

Witnesses: Simon Lankes

Witnesses: Thomas Hennings

(printed name: SIMON LANKES)

(printed name: THOMAS HENNINGS)

Date: 23.1.2012

Johannes BUTTSTAEDT
Johannes BUTTSTAEDT

Witnesses: Simon Lankes

Witnesses: Thomas Hennings

(printed name: SIMON LANKES)

(printed name: THOMAS HENNINGS)

Date: 23.01.2012

Sascha PILTZ
Sascha PILTZ

Witnesses: Simon Lankes

Witnesses: Thomas Hennings

(printed name: SIMON LANKES)

(printed name: THOMAS HENNINGS)