

PATENT ASSIGNMENT

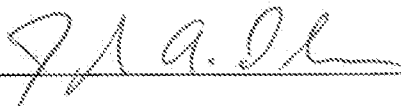
Electronic Version v1.1
 Stylesheet Version v1.1

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>Qiong Huang</td> <td>10/24/2012</td> </tr> <tr> <td>Joseph A. Olsen</td> <td>10/24/2012</td> </tr> </tbody> </table>		Name	Execution Date	Qiong Huang	10/24/2012	Joseph A. Olsen	10/24/2012				
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Joseph A. Olsen	10/24/2012										
RECEIVING PARTY DATA											
<table border="1"> <tr> <td>Name:</td> <td>OSRAM SYLVANIA Inc.</td> </tr> <tr> <td>Street Address:</td> <td>100 Endicott Street</td> </tr> <tr> <td>City:</td> <td>Danvers</td> </tr> <tr> <td>State/Country:</td> <td>MASSACHUSETTS</td> </tr> <tr> <td>Postal Code:</td> <td>01923</td> </tr> </table>		Name:	OSRAM SYLVANIA Inc.	Street Address:	100 Endicott Street	City:	Danvers	State/Country:	MASSACHUSETTS	Postal Code:	01923
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PROPERTY NUMBERS Total: 1											
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CORRESPONDENCE DATA											
<p>Fax Number: 9787502045 <i>Correspondence will be sent via US Mail when the fax attempt is unsuccessful.</i></p> <p>Phone: 978-750-2086 Email: andrew.martin@sylvania.com Correspondent Name: OSRAM SYLVANIA Inc. Address Line 1: 100 ENDICOTT STREET Address Line 4: DANVERS, MASSACHUSETTS 01923</p>											
ATTORNEY DOCKET NUMBER:	2012P08262US										
NAME OF SUBMITTER:	Andrew Martin										
<p>Total Attachments: 1 source=2012P08262US_Assignment_signed#page1.tif</p>											

CH \$40.00 13667685

ASSIGNMENT

In consideration of One Dollar and other good and valuable consideration of which we acknowledge receipt, we, Qiong Huang and Joseph A. Olsen, sell and assign to OSRAM SYLVANIA Inc., a Delaware Corporation, its successors and assigns, our invention in "ILLUMINATION TECHNIQUES AND DEVICES", identified as attorney docket number 2012P08262US, and the United States patent application, the specification for which was filed herewith, and all international and non-United States applications that may claim priority therefrom and include the subject matter disclosed therein, and all Patents, both foreign and domestic, which may be granted therefor, and all divisions, reissues, continuations, and extensions thereof, and authorize and request the various non-United States patent entities and the Commissioner of Patents and Trademarks to issue all Patents on said invention or resulting therefrom to said Corporation as assignee of the entire interest, and covenant that we have full right to do so and agree that we will communicate to said Corporation or its representatives any facts known to us respecting said invention and testify in any legal proceeding, sign all lawful papers, execute all divisional, continuing and reissue applications, make all rightful oaths or declarations and generally do everything possible to aid said Corporation, its successors, assigns and nominees, to obtain and enforce proper patent protection for said invention, in the United States and all other countries.

Inventor's Signature: Date: Oct 29, 2012Inventor's name: Qiong HuangAddress: 21 Eaton Street, Winchester, Massachusetts 01890Inventor's Signature: Date: Oct 29, 2012Inventor's name: Joseph A. OlsenAddress: 340 High Street, Gloucester, Massachusetts 01930