

## PATENT ASSIGNMENT

Electronic Version v1.1  
 Stylesheet Version v1.1

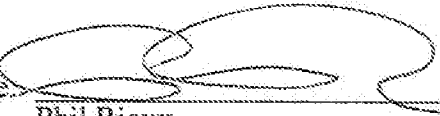
SUBMISSION TYPE:	NEW ASSIGNMENT								
NATURE OF CONVEYANCE:	ASSIGNMENT								
CONVEYING PARTY DATA									
<table border="1"> <thead> <tr> <th>Name</th> <th>Execution Date</th> </tr> </thead> <tbody> <tr> <td>Phil Rioux</td> <td>08/09/2012</td> </tr> <tr> <td>Shiyong Zhang</td> <td>08/08/2012</td> </tr> <tr> <td>Yichong Zeng</td> <td>08/08/2012</td> </tr> </tbody> </table>		Name	Execution Date	Phil Rioux	08/09/2012	Shiyong Zhang	08/08/2012	Yichong Zeng	08/08/2012
Name	Execution Date								
Phil Rioux	08/09/2012								
Shiyong Zhang	08/08/2012								
Yichong Zeng	08/08/2012								
RECEIVING PARTY DATA									
Name:	OSRAM SYLVANIA Inc.								
Street Address:	100 Endicott Street								
City:	Danvers								
State/Country:	MASSACHUSETTS								
Postal Code:	01923								
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>29429378</td> </tr> </tbody> </table>		Property Type	Number	Application Number:	29429378				
Property Type	Number								
Application Number:	29429378								
CORRESPONDENCE DATA									
Fax Number:	9787502045								
Phone:	978-750-2309								
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<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:	OSRAM SYLVANIA Inc.								
Address Line 1:	100 Endicott Street								
Address Line 4:	Danvers, MASSACHUSETTS 01923								
ATTORNEY DOCKET NUMBER:	2012M19143US								
NAME OF SUBMITTER:	Rose Lepore-Correale								
Total Attachments: 1 source=2012M19143US_signedAssignment#page1.tif									

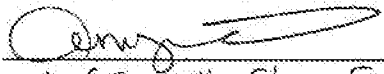
CH \$40.00 29429378


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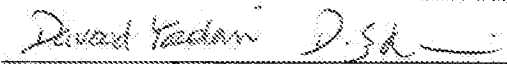
ASSIGNMENT


In consideration of One Dollar and other good and valuable consideration of which I acknowledge receipt, we, the undersigned inventors, sell and assign to OSRAM SYLVANIA Inc., a Delaware Corporation, its successors and assigns, my invention in "LAMP", identified as attorney docket number 2012M19143US, and the application for United States Patent therefor executed concurrently herewith, and all Patents which may be granted therefor, and all divisions, reissues, continuations, and extensions thereof, and authorize and request 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 I have full right to do so and agree that I will communicate to said Corporation or its representatives any facts known to me 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 foreign countries.

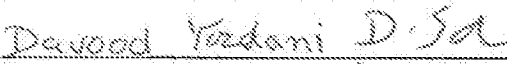
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Inventor's Name: Phil Rioux  
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