

## 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>Donald Barnetson</td> <td>07/29/2013</td> </tr> <tr> <td>John X. Zhang</td> <td>07/29/2013</td> </tr> </tbody> </table>		Name	Execution Date	Donald Barnetson	07/29/2013	John X. Zhang	07/29/2013
Name	Execution Date						
Donald Barnetson	07/29/2013						
John X. Zhang	07/29/2013						
RECEIVING PARTY DATA							
Name:	Lunera Lighting, Inc.						
Street Address:	4935 East Hunter Ave						
City:	Anaheim						
State/Country:	CALIFORNIA						
Postal Code:	92807						
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>13947057</td> </tr> </tbody> </table>		Property Type	Number	Application Number:	13947057		
Property Type	Number						
Application Number:	13947057						
CORRESPONDENCE DATA							
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<i>Correspondence will be sent via US Mail when the fax attempt is unsuccessful.</i>							
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NAME OF SUBMITTER:	Henry J. Cittone						
Signature:	/Henry J. Cittone/						
Date:	08/09/2013						
Total Attachments: 2 source=4-Patent_assignment#page1.tif source=4-Patent_assignment#page2.tif							

OP \$40.00 13947057

## *ASSIGNMENT*

WHEREAS, Donald Barnetson, an individual residing at 2508 Forest Avenue, San Jose, CA 95117 USA, and whereas John X. Zhang, an individual residing at 38 Paseo Cima, Walnut Creek, CA 94598 USA (hereafter collectively ASSIGNOR) have invented an improvement in a "A HYBRID POWER ARCHITECTURE FOR CONTROLLING A LIGHTING SYSTEM" for which they have executed an application for Letters Patent and,

WHEREAS, Lunera Lighting, Inc., a corporation having an office and principal place of business at 4935 East Hunter Ave, Anaheim, CA 92807, USA (hereafter ASSIGNEE) is desirous of acquiring an interest therein:

NOW, THEREFORE, for good and valuable consideration paid by ASSIGNEE to ASSIGNOR, the receipt of which is hereby acknowledged, ASSIGNOR has sold, assigned, transferred and set over, and by these presents does hereby sell, assign, transfer and set over, unto ASSIGNEE, its successors, legal representatives and assigns, the entire right, title and interest in, to and under the improvements, and the application and all divisions, renewals, substitutes and continuations thereof, and all Letters Patent of the United States that may be granted thereon and all reissues and extensions thereof, and all applications, divisions, renewals, substitutes and continuations thereof for Letters Patent and any legal equivalent thereof, including the right to claim priority, that have been or may hereafter be filed for the improvements in any country or countries foreign to the United States, and all Letters Patent and any legal equivalent thereof that may be granted for the improvements in any country or countries foreign to the United States and all extensions, renewals and reissues thereof, the same to be held and enjoyed by ASSIGNEE for its own use and benefit and for the use and benefit of its successors, assigns or other legal representatives fully and entirely as if the same would have been held and enjoyed by ASSIGNOR if this Assignment had not been made, to the end of the term or terms for which any Letters Patent and any legal equivalent thereof may be granted;

AND ASSIGNOR HEREBY authorizes and requests the Commissioner of Patents and Trademarks of the United States, and any Official of any country or countries foreign to the United States whose duty it is to issue patents on applications as aforesaid, to record this Assignment, and to issue all Letters Patent for the improvements to ASSIGNEE, its successors, legal representatives and assigns, in accordance with the terms of this instrument;

AND ASSIGNOR HEREBY covenants that ASSIGNOR has the full right to convey the entire interest herein assigned, and that ASSIGNOR has not executed, and will not execute, any agreement, assignment, sale or encumbrance in conflict herewith.


AND ASSIGNOR HEREBY further covenants and agrees that ASSIGNOR will communicate to ASSIGNEE, its successors, legal representatives and assigns, any facts known to ASSIGNOR respecting the improvements, and will testify in any legal proceeding, sign all lawful papers, execute all divisional, continuing and reissue applications, make all rightful oaths and generally do everything possible to aid ASSIGNEE, its successors, legal representatives and assigns, to obtain and enforce proper patent protection for the improvements in all countries.

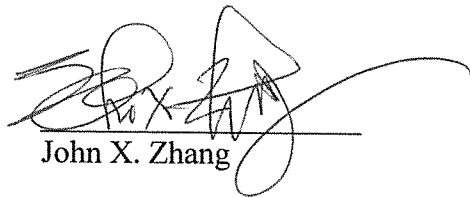


AND ASSIGNOR HEREBY authorizes and requests the law firm of Cittone & Chinta LLP (USPTO Customer Number 94544) the power to insert on this Assignment any further identification (such as series code along with U.S. Serial Number 13/947,057 or Patent Number ) which may be necessary or desirable in order to comply with the rules of the U.S. Patent and Trademark Office for recordation of this document.

IN TESTIMONY WHEREOF, ASSIGNOR have set their hand and seal to this Assignment.

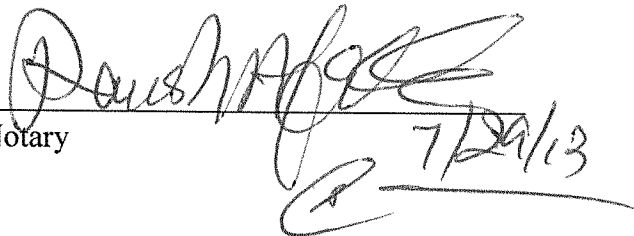
Executed this 29 day of July, 2013

  
Donald Barnetson

  
John X. Zhang

On this 29<sup>th</sup> day of July, 2013, before me appeared Donald Barnetson and John X. Zhang to me personally known, who being by me duly sworn did say that he/she is the ASSIGNOR named in the foregoing instrument of Assignment and he signed this instrument of Assignment in my presence.

They

  
Notary

