

## 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>Boris Kolodin</td><td>09/10/2007</td></tr><tr><td>Emil Vergilov Radkov</td><td>09/10/2007</td></tr></tbody></table>	Name	Execution Date	Boris Kolodin	09/10/2007	Emil Vergilov Radkov	09/10/2007					
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RECEIVING PARTY DATA											
<table border="1"><tr><td>Name:</td><td>Lumination LLC</td></tr><tr><td>Street Address:</td><td>6180 Halle Drive</td></tr><tr><td>City:</td><td>Valley View</td></tr><tr><td>State/Country:</td><td>OHIO</td></tr><tr><td>Postal Code:</td><td>44125-4635</td></tr></table>	Name:	Lumination LLC	Street Address:	6180 Halle Drive	City:	Valley View	State/Country:	OHIO	Postal Code:	44125-4635	
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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>11862534</td></tr></tbody></table>	Property Type	Number	Application Number:	11862534							
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CORRESPONDENCE DATA											
Fax Number: (216)241-1666 <i>Correspondence will be sent via US Mail when the fax attempt is unsuccessful.</i>											
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Total Attachments: 2 source=DOC275#page1.tif source=DOC275#page2.tif											

OP \$40.00 11862534

PATENT

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REEL: 019889 FRAME: 0849

ASSIGNMENT

For good and valuable consideration, the receipt and sufficiency of which is hereby acknowledged, I/We, the undersigned, **Boris Kolodin** of Beachwood, Ohio U.S.A. and **Emil Vergilov Radkov** of Euclid, Ohio U.S.A., ("Inventor(s)") who has/have created a certain invention for which a U.S. Patent Application has been

☐ executed concurrently herewith  
☐ executed on  
☒ filed September 27, 2007, and assigned Application Serial No. 11/862,534

and is entitled

**PHOSPHOR DOWN CONVERTING ELEMENT FOR AN LED  
PACKAGE AND FABRICATION METHOD**

for which we are about to make application for Letters Patent of the United States, the said application having been executed by us on the date indicated below, do hereby, in consideration of One Dollar (\$1.00) and other good and valuable consideration, receipt of which is hereby acknowledged, sell, assign, and transfer unto:

**LUMINATION LLC**

a Delaware corporation, its successors and assigns, the full and exclusive right, title, and interest in and to the said invention in the United States and its territorial possessions, and in all foreign countries with all rights under the International Convention including the right to claim priority, and the entire and exclusive right, title, and interest in and to any and all Letters Patent which may be granted therefor in the United States and its territorial possessions and in any and all foreign countries, and in and to any and all divisions, reissues, continuations, and extensions thereof.

We, therefore, authorize and request the Patent Office officials in the United States and in any and all foreign countries to issue any and all Letters Patent when granted, solely to the said **LUMINATION LLC** for its sole use, and that of its successors, and assigns.

Covenant with said Assignee, its successors, assigns, or legal representatives that no assignment, grant mortgage, license or other agreement affecting the rights and property herein conveyed has been made to others by the undersigned, and that full right to convey the same as herein expressed is possessed by the undersigned.

Signed at Valley View on September 10, 2007.

Boris Kolodin  
Boris Kolodin

State of Ohio )  
County of Cuyahoga ) ss:

On this 10th day of September, 2007, before me personally came **Boris Kolodin**, to me known to be the individual described in and who executed the foregoing instrument, and acknowledged execution of the same.

Pamela S Brown  
Notary Public

Seal

Signed at Valley View on September 10, 2007.

Emil Radkov  
Emil Vergilov Radkov

State of Ohio )  
County of Cuyahoga ) ss:

On this 10th day of September, 2007, before me personally came **Emil Vergilov Radkov**, to me known to be the individual described in and who executed the foregoing instrument, and acknowledged execution of the same.

Pamela S Brown  
Notary Public

Seal