

PATENT ASSIGNMENT

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SUBMISSION TYPE:	NEW ASSIGNMENT								
NATURE OF CONVEYANCE:	ASSIGNMENT								
CONVEYING PARTY DATA									
<table border="1" style="width:100%; border-collapse: collapse;"> <thead> <tr> <th style="width:70%;">Name</th> <th>Execution Date</th> </tr> </thead> <tbody> <tr> <td>Emil Radkov</td> <td>12/15/2008</td> </tr> <tr> <td>Anant Setlur</td> <td>12/15/2008</td> </tr> <tr> <td>Srinath Aanegola</td> <td>12/20/2008</td> </tr> </tbody> </table>		Name	Execution Date	Emil Radkov	12/15/2008	Anant Setlur	12/15/2008	Srinath Aanegola	12/20/2008
Name	Execution Date								
Emil Radkov	12/15/2008								
Anant Setlur	12/15/2008								
Srinath Aanegola	12/20/2008								
RECEIVING PARTY DATA									
Name:	Lumination LLC								
Street Address:	6180 Halle Drive								
City:	Valley View								
State/Country:	OHIO								
Postal Code:	44125								
PROPERTY NUMBERS Total: 1									
<table border="1" style="width:100%; border-collapse: collapse;"> <thead> <tr> <th style="width:30%;">Property Type</th> <th>Number</th> </tr> </thead> <tbody> <tr> <td>Application Number:</td> <td>12353455</td> </tr> </tbody> </table>		Property Type	Number	Application Number:	12353455				
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Application Number:	12353455								
CORRESPONDENCE DATA									
Fax Number:	(216)363-9000								
<i>Correspondence will be sent via US Mail when the fax attempt is unsuccessful.</i>									
Phone:	216.363.9000								
Email:	uspto@faysharpe.com								
Correspondent Name:	Fay Sharpe LLP								
Address Line 1:	1228 Euclid Avenue, 5th Floor								
Address Line 2:	The Halle Building								
Address Line 4:	Cleveland, OHIO 44115-1843								
ATTORNEY DOCKET NUMBER:	GLOZ 2 00453								
NAME OF SUBMITTER:	Georgeen B. Sonntag								

Total Attachments: 9
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ASSIGNMENT

For good and valuable consideration, the receipt and sufficiency of which is hereby acknowledged, I/We, the undersigned, **Emil Radkov** of Euclid, Ohio; **Anant Setlur** of Niskayuna, New York; and **Srinath Aanegola** of _____ ("Inventor(s)") who has/have created a certain invention for which a U.S. Patent Application has been

- executed concurrently herewith
- executed on _____
- filed _____, and assigned Application Serial No. _____

and is entitled

HYBRID ILLUMINATION SYSTEM IMPROVED COLOR QUALITY

hereby sell, assign and transfer to **Lumination LLC.**, ("Assignee"), a corporation of the State of Delaware, having a place of business at 6180 Halle Drive, Valley View, Ohio, 44125, its successors, assigns, nominees or other legal representatives, the full, exclusive, entire worldwide rights, title and interest in, to, and under said invention as described and claimed in said application, including any provisional application(s) from which it claims priority, the same to be held and enjoyed by Assignee for its own use and enjoyment, and for the use and enjoyment of its successors, assigns, nominees, or other legal representatives, to the end of the term or terms for which said Letters Patent are or may be granted, reissued, or extended, as fully and entirely as the same would have been held and enjoyed by Inventor(s) if this assignment and sale had not been made; all of the entire rights, title and interest in and to said invention and said application, and all original and reissued patents granted for said invention, and all divisions, reissues, continuations-in-part, and continuations of said application, including the subject matter of any and all claims which may be obtained in every patent, and the right, where such right can be legally exercised, in Assignee's own name to apply for and obtain patents in countries foreign to the United States, including the full right to claim for any such application the benefits of the International Convention and the Patent Cooperation Treaty as fully and entirely as Inventor(s) could have done if the foreign application had been filed in the names of the Inventor(s), and the entire interest in any Letters Patent which may be granted on any such application in such foreign countries, and Inventor(s) authorize(s) and request(s) the Commissioner of Patents of the United States, and any official of any country or countries foreign to the United States whose duty is to issue patents on applications as aforesaid, to issue the said Letters Patent to Assignee, its successors, assigns, nominees, or other legal representatives, as Assignee and owner of the said entire rights, and Inventor(s) covenant(s) that Inventor(s) has/have the full right to convey the said entire interest herein assigned and that Inventor(s) has/have not executed and will not execute any agreement in conflict herewith, and Inventor(s) will communicate to Assignee, its successors, assigns, nominees, or other legal representatives all facts known to Inventor(s) respecting said invention, whenever requested, and testify in any legal

proceedings, sign all lawful papers, execute and deliver all divisional, continuing, and reissue applications, make all rightful oaths or declarations, and do all lawful acts requisite for the application for such divisional, continuing, or reissue applications, or the procuring thereof, and that if and when Assignee, its successors, assigns, nominees, or other legal representatives desire to file a disclaimer relating thereto, Inventor(s) will, upon request, sign and deliver all lawful papers requisite for the filing of such disclaimer; and

Inventor(s) further covenant(s) and agree(s) that Inventor(s) will, at any time upon request, do everything possible to aid Assignee, its successors, assigns, nominees, or other legal representatives, either in the name of Inventor(s) or Assignee, to apply for, obtain, and enforce proper patent protection for said invention in all countries, according to the International Convention and the Patent Cooperation Treaty, and all the laws and treaties in force, all without further consideration but at the expense of Assignee, its successors, assigns, nominees, or other legal representatives.

Signed at the City of Valley View State of Ohio
on this 15th day of December, 2008.

Emil Radkov
Emil Radkov

State of Ohio)
County of Cuyahoga)ss:

On this 15th day of December, 2008 before me personally came Emil Radkov, to me known to be the individual described in and who executed the foregoing instrument, and acknowledged execution of the same.



Seal

Sophia L. Davis
Notary Public
SOPHIA L. DAVIS
Notary Public, State of Ohio, Cuy. Cty.
My commission expires 9.29.2013

Signed at the City of _____ State of _____
on this ____ day of _____, 200__.

Anant Setlur

State of)
)ss:
County of)

On this ____ day of _____, 200__ before me
personally came Anant Setlur, to me known to be the individual described in and who
executed the foregoing instrument, and acknowledged execution of the same.

Notary Public

Seal

Signed at the City of _____ State of _____
on this ____ day of _____, 200__.

Srinath Aanegola

State of)
)ss:
County of)

On this ____ day of _____, 200__ before me
personally came Srinath Aanegola, to me known to be the individual described in and
who executed the foregoing instrument, and acknowledged execution of the same.

Notary Public

Seal

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For good and valuable consideration, the receipt and sufficiency of which is hereby acknowledged, I/We, the undersigned, **Emil Radkov** of Euclid, Ohio; **Anant Setlur** of Niskayuna, New York; and **Srinath Aanegola** of _____ ("Inventor(s)") who has/have created a certain invention for which a U.S. Patent Application has been

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hereby sell, assign and transfer to **Lumination LLC.**, ("Assignee"), a corporation of the State of Delaware, having a place of business at 6180 Halle Drive, Valley View, Ohio, 44125, its successors, assigns, nominees or other legal representatives, the full, exclusive, entire worldwide rights, title and interest in, to, and under said invention as described and claimed in said application, including any provisional application(s) from which it claims priority, the same to be held and enjoyed by Assignee for its own use and enjoyment, and for the use and enjoyment of its successors, assigns, nominees, or other legal representatives, to the end of the term or terms for which said Letters Patent are or may be granted, reissued, or extended, as fully and entirely as the same would have been held and enjoyed by Inventor(s) if this assignment and sale had not been made; all of the entire rights, title and interest in and to said invention and said application, and all original and reissued patents granted for said invention, and all divisions, reissues, continuations-in-part, and continuations of said application, including the subject matter of any and all claims which may be obtained in every patent, and the right, where such right can be legally exercised, in Assignee's own name to apply for and obtain patents in countries foreign to the United States, including the full right to claim for any such application the benefits of the International Convention and the Patent Cooperation Treaty as fully and entirely as Inventor(s) could have done if the foreign application had been filed in the names of the Inventor(s), and the entire interest in any Letters Patent which may be granted on any such application in such foreign countries, and Inventor(s) authorize(s) and request(s) the Commissioner of Patents of the United States, and any official of any country or countries foreign to the United States whose duty is to issue patents on applications as aforesaid, to issue the said Letters Patent to Assignee, its successors, assigns, nominees, or other legal representatives, as Assignee and owner of the said entire rights, and Inventor(s) covenant(s) that Inventor(s) has/have the full right to convey the said entire interest herein assigned and that Inventor(s) has/have not executed and will not execute any agreement in conflict herewith, and Inventor(s) will communicate to Assignee, its successors, assigns, nominees, or other legal representatives all facts known to Inventor(s) respecting said invention, whenever requested, and testify in any legal

Signed at the City of Schenectady State of New York
on this 15th day of December, 2008.

[Signature]
Anant Setlur

State of New York)
County of Schenectady) ss:
)

On this 15th day of December, 2008 before me personally came Anant Setlur, to me known to be the individual described in and who executed the foregoing instrument, and acknowledged execution of the same.

Jean G. Myers
Notary Public - State of New York
No. 01MY5068850
Qualified in Schenectady County
My Commission Expires 11/21/10 [Signature]
Notary Public

Seal

Signed at the City of _____ State of _____
on this _____ day of _____, 200____.

Srinath Aanegola

State of _____)
County of _____) ss:
)

On this _____ day of _____, 200____ before me personally came Srinath Aanegola, to me known to be the individual described in and who executed the foregoing instrument, and acknowledged execution of the same.

Notary Public

Seal

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Signed at the City of _____ State of _____
on this _____ day of _____, 200__.

Anant Setlur

State of _____)
County of _____)ss:
_____)

On this _____ day of _____, 200__ before me
personally came Anant Setlur, to me known to be the individual described in and who
executed the foregoing instrument, and acknowledged execution of the same.

Notary Public

Seal

Signed at the City of Bangalore State of Karnataka
on this 20th day of December, 2008.

Srinath Aanegola

State of _____)
County of _____)ss: 441-02-1497
_____)

On this 20th day of December, 2008 before me
personally came Srinath Aanegola, to me known to be the individual described in and
who executed the foregoing instrument, and acknowledged execution of the same.



Notary Public **N. SHANKAR, B.Sc., LL.B.,
ADVOCATE & NOTARY
KAUMUDI**

No. 23-24, III Cross, Samyadri Layout
Pandu Ranga Nagar
Bannerghatta Main Road, BANGALORE-76

ATTESTED BY ME

N. SHANKAR
ADVOCATE & NOTARY
KAUMUDI

No. 23-24, III Cross, Samyadri Layout,
Pandu Ranga Nagar
Bannerghatta Main Road
BANGALORE-76
C No. 022105 FRAME: 0466

ATTESTATION EXPENSE
(21-07-2010)
21.07.2010
No. 198/97
N. SHANKAR
ADVOCATE & NOTARY
No. 88997

RECORDED: 01/14/2009