

**PATENT ASSIGNMENT**

Electronic Version v1.1  
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<b>SUBMISSION TYPE:</b>	NEW ASSIGNMENT
<b>NATURE OF CONVEYANCE:</b>	ASSIGNMENT
<b>CONVEYING PARTY DATA</b>	
<b>Name</b>	<b>Execution Date</b>
Vladimir Bulovic	05/13/2011
Marc A. Baldo	05/13/2011
Martin A. Schmidt	05/13/2011
Valerie Leblanc	05/19/2010
Jianglong Chen	05/18/2010
<b>RECEIVING PARTY DATA</b>	
<b>Name:</b>	Massachusetts Institute of Technology
<b>Street Address:</b>	77 Massachusetts Avenue
<b>City:</b>	Cambridge
<b>State/Country:</b>	MASSACHUSETTS
<b>Postal Code:</b>	02139
<b>PROPERTY NUMBERS Total: 1</b>	
<b>Property Type</b>	<b>Number</b>
<b>Application Number:</b>	11282472
<b>CORRESPONDENCE DATA</b>	
<b>Fax Number:</b>	(949)716-0908
<i>Correspondence will be sent via US Mail when the fax attempt is unsuccessful.</i>	
<b>Phone:</b>	5103012840
<b>Email:</b>	ivya@salehilaw.com
<b>Correspondent Name:</b>	Amanda Ivey
<b>Address Line 1:</b>	8 Crystalglen Street
<b>Address Line 4:</b>	Aliso Viejo, CALIFORNIA 92656
<b>ATTORNEY DOCKET NUMBER:</b>	MIT-0900
<b>NAME OF SUBMITTER:</b>	Amanda Ivey
Total Attachments: 12	

**CH \$40.00 11282472**

**501549734**

**PATENT  
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ASSIGNMENT

WHEREAS, ASSIGNORS, comprising the following named inventors: Vladimir Bulovic, a citizen of Serbia, residing at 16 Lillian Road, Lexington, Massachusetts 02402; Marc A. BALDO, an Australian citizen, residing at 61 Meseum Street, #2, Cambridge, MA 02139; Martin A. SCHMIDT, a U.S. citizen, residing at 11 Pond view Lane, Reading, MA 01867; Valerie LEBLANC, a citizen of France, residing at 952 Holly Street, San Carlos, CA 94070; Jianglong CHEN, a citizen of China, residing at 20 Descanso Drive 1228, San Jose, CA 95134; have invented, conceived, reduced to practice, inventions for a **METHOD AND APPARATUS FOR DEPOSITING LED ORGANIC FILM** (hereinafter the "Invention"), United States Patent Application No. 11/282,472, filed November 21, 2005 (hereinafter the "Application"), which claims priority to Provisional Patent Application No. 60/629,312, filed on November 14, 2004; and

WHEREAS, ASSIGNEE, Massachusetts Institute of Technology, a Commonwealth of Massachusetts Corporation, having a principal place of business at 77 Massachusetts Avenue, Cambridge, MA 02139, is desirous of acquiring the entire right, title and interest in, to and under the Invention and the Application and patents to be obtained thereon;

NOW, THEREFORE, in consideration of the payment by ASSIGNEE to ASSIGNORS the sum of One Dollar (\$1.00), the receipt of which is hereby acknowledged, and for other good and valuable consideration, ASSIGNORS do hereby sell, assign and transfer and set over to ASSIGNEE, its successors, legal representatives and assigns, the entire right, title and interest, throughout the world, in the Invention and the Application, and any other intellectual property rights in the Invention including, but not limited to, any patent rights, and any patent application(s), any continuation or foreign patent application claiming priority thereto, that have been or may hereafter be filed;

ASSIGNORS hereby covenant that no assignment, sale, agreement, charge, or other encumbrance, has been, or will be, entered into which would conflict with this assignment;

ASSIGNORS do hereby covenant and agree to provide any tangible property embodying or describing the Invention, including, without limitation, all documents, drawings, prototypes, models, test results, designs, materials, computer programs and data, and the like, which, if not presently in the possession of ASSIGNEE will be delivered to ASSIGNEE immediately upon request;

ASSIGNORS do hereby covenant and agree to do everything possible to aid ASSIGNEE, its successors, legal representatives and assigns to obtain and enforce proper patent protection for the Invention in all countries including assisting with the preparation of any application relating to the Invention;

ASSIGNORS do hereby covenant and agree not to contest the validity or enforceability of any intellectual property rights assigned herein, or to assist or request any third party to contest the validity or enforceability of any intellectual property rights assigned herein;

ASSIGNORS do hereby release and forever discharge ASSIGNEE from any and all claims, including but not limited to any debts, liabilities, damages and causes of action of whatsoever kind or nature relating to the invention, whether or not known, suspected and unsuspected, including any and all previous agreements entered into, which now exist, or may have existed prior to the date of this assignment.

IN WITNESS WHEREOF, I have executed this instrument at CAMBRIDGE, MA, on the date indicated adjacent to my name.

Dated: 05/13/11

[Signature]  
Vladimir Bulovic

State of Massachusetts

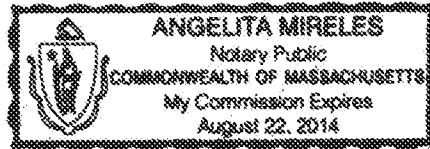
County of Middlesex

(Academic Administrator)

On May 13, 2011 before me, Angelita Mireles (here insert name and title of the officer), personally appeared Vladimir Bulovic personally known to me (or proved to me on the basis of satisfactory evidence) to be the person(s) whose name(s) is/are subscribed to the within instrument and acknowledged to me that he/she/they executed the same in his/her/their authorized capacity(ies), and that by his/her/their signature(s) on the instrument the person(s), or the entity upon behalf of which the person(s) acted, executed the instrument.

WITNESS my hand and official seal.

Signature Angelita Mireles (Seal)



IN WITNESS WHEREOF, I have executed this instrument at Andover, MA, on the date indicated adjacent to my name.

Dated: 5/13/2011  
[Signature]  
Marc A. Baldo

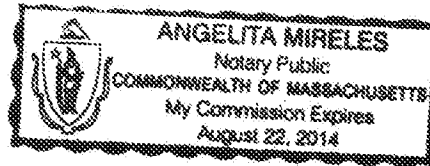
State of Massachusetts

County of Middlesex

On May 13, 2011 before me, Angelita Mireles (Academic Administrator) (here insert name and title of the officer), personally appeared Marc Baldo personally known to me (or proved to me on the basis of satisfactory evidence) to be the person(s) whose name(s) is/are subscribed to the within instrument and acknowledged to me that he/she/they executed the same in his/her/their authorized capacity(ies), and that by his/her/their signature(s) on the instrument the person(s), or the entity upon behalf of which the person(s) acted, executed the instrument.

WITNESS my hand and official seal.

Signature Angelita Mireles (Seal)



IN WITNESS WHEREOF, I have executed this instrument at \_\_\_\_\_, on the date indicated adjacent to my name.

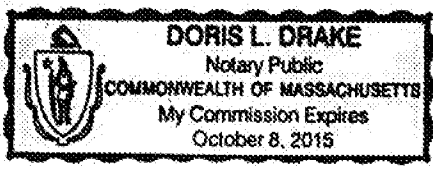
Dated: 5/13/11 Martin A. Schmidt  
Martin A. Schmidt

State of Massachusetts

County of Middlesex

On May 13 2011 before me, Martin A. Schmidt (here insert name and title of the officer), personally appeared \_\_\_\_\_ personally known to me (or proved to me on the basis of satisfactory evidence) to be the person(s) whose name(s) is/are subscribed to the within instrument and acknowledged to me that he/she/they executed the same in his/her/their authorized capacity(ies), and that by his/her/their signature(s) on the instrument the person(s), or the entity upon behalf of which the person(s) acted, executed the instrument.

WITNESS my hand and official seal,  
Signature Doris L. Drake (Seal)



ASSIGNMENT

WHEREAS, ASSIGNORS, comprising the following named inventors: Vladimir Bulovic, a citizen of Serbia, residing at 16 Lillian Road, Lexington, Massachusetts 02402; Marc A. BALDO, an Australian citizen, residing at 61 Meseum Street, #2, Cambridge, MA 02139; Martin A. SCHMIDT, a U.S. citizen, residing at 11 Pond view Lane, Reading, MA 01867; Valerie LEBLANC, a citizen of France, residing at 952 Holly Street, San Carlos, CA 94070; Jianglong CHEN, a citizen of China, residing at 20 Descanso Drive 1228, San Jose, CA 95134; have invented, conceived, reduced to practice, inventions for a **METHOD AND APPARATUS FOR DEPOSITING LED ORGANIC FILM** (hereinafter the "Invention"), United States Patent Application No. 11/282,472, filed November 21, 2005 (hereinafter the "Application"), which claims priority to Provisional Patent Application No. 60/629,312, filed on November 14, 2004; and

WHEREAS, ASSIGNEE, Massachusetts Institute of Technology, a Commonwealth of Massachusetts Corporation, having a principal place of business at 77 Massachusetts Avenue, Cambridge, MA 02139, is desirous of acquiring the entire right, title and interest in, to and under the Invention and the Application and patents to be obtained thereon;

NOW, THEREFORE, in consideration of the payment by ASSIGNEE to ASSIGNORS the sum of One Dollar (\$1.00), the receipt of which is hereby acknowledged, and for other good and valuable consideration, ASSIGNORS do hereby sell, assign and transfer and set over to ASSIGNEE, its successors, legal representatives and assigns, the entire right, title and interest, throughout the world, in the Invention and the Application, and any other intellectual property rights in the Invention including, but not limited to, any patent rights, and any patent application(s), any continuation or foreign patent application claiming priority thereto, that have been or may hereafter be filed;

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ASSIGNORS do hereby covenant and agree to provide any tangible property embodying or describing the Invention, including, without limitation, all documents, drawings, prototypes, models, test results, designs, materials, computer programs and data, and the like, which, if not presently in the possession of ASSIGNEE will be delivered to ASSIGNEE immediately upon request;

ASSIGNORS do hereby covenant and agree to do everything possible to aid ASSIGNEE, its successors, legal representatives and assigns to obtain and enforce proper patent protection for the Invention in all countries including assisting with the preparation of any application relating to the Invention;



ASSIGNORS do hereby covenant and agree not to contest the validity or enforceability of any intellectual property rights assigned herein, or to assist or request any third party to contest the validity or enforceability of any intellectual property rights assigned herein;

ASSIGNORS do hereby release and forever discharge ASSIGNEE from any and all claims, including but not limited to any debts, liabilities, damages and causes of action of whatsoever kind or nature relating to the Invention, whether or not known, suspected and unsuspected, including any and all previous agreements entered into, which now exist, or may have existed prior to the date of this assignment.

IN WITNESS WHEREOF, I have executed this instrument at \_\_\_\_\_, on the date indicated adjacent to my name.

Dated: \_\_\_\_\_  
Vladimir Bulovic

State of Massachusetts

County of \_\_\_\_\_

On \_\_\_\_\_ before me, \_\_\_\_\_ (here insert name and title of the officer), personally appeared \_\_\_\_\_ personally known to me (or proved to me on the basis of satisfactory evidence) to be the person(s) whose name(s) is/are subscribed to the within instrument and acknowledged to me that he/she/they executed the same in his/her/their authorized capacity(ies), and that by his/her/their signature(s) on the instrument the person(s), or the entity upon behalf of which the person(s) acted, executed the instrument.

WITNESS my hand and official seal.

Signature \_\_\_\_\_ (Seal)

IN WITNESS WHEREOF, I have executed this instrument at \_\_\_\_\_, on the date indicated adjacent to my name.

Dated: \_\_\_\_\_  
Marc A. Baldo

State of Massachusetts

County of \_\_\_\_\_

On \_\_\_\_\_ before me, \_\_\_\_\_ (here insert name and title of the officer), personally appeared \_\_\_\_\_ personally known to me (or proved to me on the basis of satisfactory evidence) to be the person(s) whose name(s) is/are subscribed to the within instrument and acknowledged to me that he/she/they executed the same in his/her/their authorized capacity(ies), and that by his/her/their signature(s) on the instrument the person(s), or the entity upon behalf of which the person(s) acted, executed the instrument.

WITNESS my hand and official seal.

Signature \_\_\_\_\_ (Seal)

IN WITNESS WHEREOF, I have executed this instrument at \_\_\_\_\_, on the date indicated adjacent to my name.

Dated: \_\_\_\_\_  
Martin A. Schmidt

State of Massachusetts

County of \_\_\_\_\_

On \_\_\_\_\_ before me, \_\_\_\_\_ (here insert name and title of the officer), personally appeared \_\_\_\_\_ personally known to me (or proved to me on the basis of satisfactory evidence) to be the person(s) whose name(s) is/are subscribed to the within instrument and acknowledged to me that he/she/they executed the same in his/her/their authorized capacity(ies), and that by his/her/their signature(s) on the instrument the person(s), or the entity upon behalf of which the person(s) acted, executed the instrument.

WITNESS my hand and official seal.

Signature \_\_\_\_\_ (Seal)

IN WITNESS WHEREOF, I have executed this instrument at Menlo Park, CA, on the date indicated adjacent to my name.

Dated: 5/19/2010

Leblanc  
Valerie Leblanc

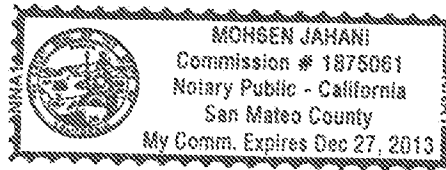
State of Massachusetts

County of San Mateo

On 5/19/10 before me, Mohsen Jahani (here insert name and title of the officer), personally appeared \_\_\_\_\_ personally known to me (or proved to me on the basis of satisfactory evidence) to be the person(s) whose name(s) is/are subscribed to the within instrument and acknowledged to me that he/she/they executed the same in his/her/their authorized capacity(ies), and that by his/her/their signature(s) on the instrument the person(s), or the entity upon behalf of which the person(s) acted, executed the instrument.

WITNESS my hand and official seal.

Signature [Handwritten Signature] (Seal)



IN WITNESS WHEREOF, I have executed this instrument at Redwood City, California on the date indicated adjacent to my name.

Dated: May 18<sup>th</sup> 2010

[Signature]  
Jianglong Chen

State of ~~Massachusetts~~ California  
County of San Mateo  
On May 18<sup>th</sup> 2010 before me, D.V. Manuelli (here insert name and title of the officer), personally appeared Jianglong Chen personally known to me (or proved to me on the basis of satisfactory evidence) to be the person(s) whose name(s) is/are subscribed to the within instrument and acknowledged to me that he/she/they executed the same in his/her/their authorized capacity(ies), and that by his/her/their signature(s) on the instrument the person(s), or the entity upon behalf of which the person(s) acted, executed the instrument.

WITNESS my hand and official seal.  
Signature [Signature] (Seal)

