

10-24-2002



HEET

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To The Honorable Commissioner of Patents and Trademarks. Please record the attached original documents or copy thereof.

1. Name of conveying party(ies): 10/21/02

Mark E. Thompson September 23, 2002
 First Assignor Date of Execution

Xiaofan Ren September 23, 2002
 Second Assignor Date of Execution

Peter Djurovich September 23, 2002
 Third Assignor Date of Execution

Haiping Hong October 8, 2002
 Fourth Assignor Date of Execution

Chihaya Adachi September 28, 2002
 Fifth Assignor Date of Execution

Sixth Assignor Date of Execution

Additional name(s) of conveying party(ies) attached? () YES (X) NO

2. Name and address of receiving party(ies):

Name: The University of Southern California
 Street Address: 3716 South Hope Street, Suite 313
 City: Los Angeles
 State: California ZIP 90007

Additional name(s) & address attached? () YES (X) NO

3. Nature of Conveyance (check only one):

(X) New Assignment () Merger
 () License Agreement () Security Agreement
 () Change of Name () Other:

() Cross-reference of Assignment filed in United States
 Application No. ___/___/___, recorded on ___ at
 Reel No. ___ and Frame No. ___

4. Identification of Application number(s), patent number(s) OR date of execution of application to which assignment refers:

Application Nos.: 10/226,861 filed 08/23/02 Patent Nos.: Date application was signed by the first named executing inventor

(Fill-in this date only if assignment is filed together with a new application)

5. Name and address of party to whom correspondence concerning documents should be mailed:

Name: Jeffrey H. Rosedale Ph.D., Esq.
 WOODCOCK WASHBURN LLP
 One Liberty Place - 46th Floor
 Philadelphia, Pennsylvania 19103-7301
 215-568-3100

6. Total number of applications and patents involved: 1

7. Total fee (37 CFR 3.41):.....\$0.00
 () Enclosed
 () Authorized to be charged to Deposit Account Number 23-3050

8. Please charge any deficiency or credit any overpayment to Deposit Account Number 23-3050

DO NOT USE THIS SPACE

9. Statement and signature.
To the best of my knowledge and belief, the foregoing information is true and correct and any attached copy is a true copy of the original document.

Jeffrey H. Rosedale/46,018 October 15, 2002
 Name of Person Signing/Reg. No. Signature Date

Total number of pages including cover sheet, assignment document and additional pages attached thereto: 8

Mail documents to be recorded with required cover sheet information to:
 Commissioner of Patents and Trademarks
 Box Assignments
 Washington, D.C. 20231

10/23/2002 LMUELLER 00000151 10226861
 1 FC:8021 40.00 DP

RECEIVED
 FINANCIAL SECTION
 10/21 AM 8:05

(Pending Application;
Serial No. Known)**ASSIGNMENT**

WHEREAS, we, **Mark E. Thompson, Xiaofan Ren, Peter Djurovich, Haiping Hong, and Chihaya Adachi**, hereinafter referred to as the assignors, residing respectively at **Anaheim, California, Los Angeles, California, Long Beach, California, Los Angeles, California, and Hokkaido, Japan** are joint-inventors with **Stephen R. Forrest** of **Princeton, New Jersey**, of certain inventions or improvements for which we have made application for Letters Patent to the United States, identified as Serial No. **10/226,861**, filed **August 23, 2002**, entitled **ORGANIC LIGHT EMITTING DEVICES HAVING CARRIER TRANSPORTING LAYERS COMPRISING METAL COMPLEXES**; and

WHEREAS, **The University of Southern California**, hereinafter referred to as the assignee, of **3716 South Hope Street, Suite 313, Los Angeles, California 90007**, a **non-profit institution of higher education**, is desirous of acquiring our entire right, title and interest in and to the said inventions or improvements and in and to the said application, and in, to and under any and all Letters Patent which may be granted on or as a result thereof in any and all countries:

NOW, THEREFORE, for and in consideration of the sum of One Dollar (\$1.00) to each of us in hand paid by said assignee, and other good and valuable consideration, the receipt of which is hereby acknowledged, we, the said assignors, have sold, assigned, transferred and set over, and by these presents do hereby sell, assign, transfer and set over to said assignee, our entire right, title and interest in and to said inventions or improvements and said application and any and all continuations, divisions and renewals of and substitutes for said application, and in, to and under any and all Letters Patent which may be granted on or as a result thereof in the United States and any and all other countries, and any reissue or reissues or extension or extensions of said Letters Patent, and assign to and authorize said assignee, to file in our names applications for Letters Patent in all countries, the same to be held and enjoyed by said assignee, its successors, assigns, nominees or legal representatives, to the full end of the term or terms for which said Letters Patent respectively may be granted, reissued or extended, as fully and entirely as the same would have been held and enjoyed by us had this assignment, sale and transfer not been made.

AND we hereby covenant that we have full right to convey our interest herein assigned, and that we have not executed and will not execute any agreement in conflict herewith, and we further covenant and agree that we will each time request is made and without undue delay, execute and deliver all such papers as may be necessary or desirable to perfect the title to said inventions or improvements, said application and said Letters Patent to said assignee, its successors, assigns, nominees, or legal representatives, and each of us agrees to communicate to said assignee or to its nominee all known facts respecting said inventions or

improvements, said application and said Letters Patent, to testify in any legal proceedings, to sign all lawful papers to execute all disclaimers and divisional, continuing, reissue and foreign applications, to make all rightful oaths, and generally to do everything possible to aid said assignee, its successors, assigns, nominees and legal representatives to obtain and enforce for its or their own benefit proper patent protection for said inventions or improvements in any and all countries.

AND we hereby authorize and request 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 issue to said assignee, as assignee of our entire right, title and interest, any and all Letters Patent for said inventions or improvements, including any and all Letters Patent of the United States which may be issued and granted on or as a result of the application aforesaid, in accordance with the terms of this assignment.

AND this Assignment may be executed in multiple counterparts, each of which shall be deemed to be an original of this Assignment. Additionally, we hereby authorize our attorneys to collect the signature pages of each executed counterpart and to attach those signature pages to a single copy of this instrument, which single copy and attached signature pages together shall constitute an original of this Assignment.

IN WITNESS WHEREOF, we have hereunto set our hands and seals.

STATEMENT OF WITNESS

SIGNED at Los Angeles USA
(City) (Country)

This 23 day of September, 2002.

Signature: 
MARK E. THOMPSON

I, Judy Hom whose full
residence address is 2000 South Primrose Ave.
Alhambra, CA 91803-2936

was personally present and did see Mark E. Thompson execute the above assignment on
the 23 day of September, 2002, and such assignor is personally known to me to
be the person described in such document.


Signature of Witness

STATEMENT OF WITNESS

SIGNED at Los Angeles USA
(City) (Country)

This 23 day of September, 2002.

Signature: Xiaofan Ren
XIAOFAN REN

I, Judy Hom whose full
residence address is 2000 South Primrose Ave.
Alhambra, CA 91803 - 2936

was personally present and did see Xiaofan Ren execute the above assignment on the 23
day of September, 2002, and such assignor is personally known to me to be the
person described in such document.

Judy Hom
Signature of Witness

STATEMENT OF WITNESS

SIGNED at Los Angeles, USA
(City) (Country)

This 23 day of sept., 2002.

Signature: 
PETER DJUROVICH

I, Judy Hom whose full
residence address is 2000 South Primrose Ave.
Alhambra, CA 91803 - 2936

was personally present and did see **Peter Djurovich** execute the above assignment on the
23 day of September, 2002, and such assignor is personally known to me to be
the person described in such document.


Signature of Witness

STATEMENT OF WITNESS

SIGNED at Richland USA
(City) (Country)

This 08 day of October, 2002.

Signature: Haing Haiping
HAIPING HONG

I, Paul Burrows whose full
residence address is 101105 VACA ROAD, KENNESAW, WA 99538

was personally present and did see **Haiping Hong** execute the above assignment on the
8th day of October, 2002, and such assignor is personally known to me to be
the person described in such document.

[Signature]
Signature of Witness