07/14/2014 502890792

PATENT ASSIGNMENT COVER SHEET

Electronic Version v1.1 Stylesheet Version v1.2 EPAS ID: PAT2937389

SUBMISSION TYPE:	NEW ASSIGNMENT
NATURE OF CONVEYANCE:	ASSIGNMENT

CONVEYING PARTY DATA

Name	Execution Date
ALLEN J. BARD	11/16/2008
FU-REN F. FAN	11/20/2008
JIAGUO YU	01/24/2009
KHALID OMER	11/19/2008

RECEIVING PARTY DATA

Name:	BOARD OF REGENTS OF THE UNIVERSITY OF TEXAS SYSTEM
Street Address:	201 WEST 7TH STREET
City:	AUSTIN
State/Country:	TEXAS
Postal Code:	78701

PROPERTY NUMBERS Total: 1

Property Type	Number
Application Number:	14327326

CORRESPONDENCE DATA

Fax Number: (202)672-5399

Correspondence will be sent to the e-mail address first; if that is unsuccessful, it will be sent

using a fax number, if provided; if that is unsuccessful, it will be sent via US Mail.

Phone: 414-271-2400

IPdocketing@foley.com, mmathes@foley.com Email:

CHARLES G. CARTER **Correspondent Name:**

3000 K STREET N.W., SUITE 600 Address Line 1:

Address Line 2: **FOLEY & LARDNER LLP**

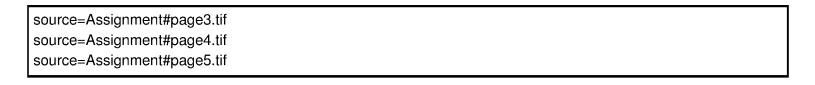
Address Line 4: WASHINGTON, D.C. 20007-5109

ATTORNEY DOCKET NUMBER:	090900-1091
NAME OF SUBMITTER:	CHARLES G. CARTER
SIGNATURE:	/Charles G. Carter/
DATE SIGNED:	07/14/2014

Total Attachments: 5

source=Assignment#page1.tif source=Assignment#page2.tif

> **PATENT REEL: 033307 FRAME: 0616** 502890792



PATENT REEL: 033307 FRAME: 0617

ASSIGNMENT - WORLDWIDE

For good and valuable consideration, the receipt and sufficiency of which are hereby acknowledged, each undersigned inventor (hereinafter referred to singly and collectively as "ASSIGNOR") has sold, assigned, and transferred, and by these presents hereby sells, assigns, and transfers, unto

Board of Regents of the University of Texas System 1 University Sta. A5300 Austin, Texas 78712-0165

(hereinafter referred to as "ASSIGNEE") its successors and assigns, the full and exclusive right, title and interest for the United States, its territories and possessions, and all foreign countries in and to this invention relating to

PRODUCTION AND USE OF LUMINESCENT NANOSTRUCTURED MATERIALS IN ELECTROGENERATED CHEMILUMINESCENCE

as set forth in the United States Provisional Patent Applications listed below:

check one [X] Serial No. 61/126,892 Filed <u>5/08/2008</u> [X] Serial No. 61/127,311 Filed <u>5/12/2008</u>

as well as in and to (a) all improvements and modifications of the above-identified invention or inventions, (b) the above-identified application and all other applications for Letters Patent of the United States and countries foreign thereto for above-identified invention or inventions and all improvements and modifications thereof, (c) all Letters Patent which may issue from said applications in the United States and countries foreign thereto, (d) all divisions, continuations, reissues, and extensions of said applications and Letters Patent, and (e) the right to claim for any of said applications the full benefits and priority rights under the International Convention and any other international agreement to which the United States adheres; such right, title, and interest to be held and enjoyed by ASSIGNEE, its successors and assigns, to the full end of the term or terms for which any and all such Letters Patent may be granted as fully and entirely as would have been held and enjoyed by ASSIGNOR had this Assignment not been made.

ASSIGNOR HEREBY AUTHORIZES ASSIGNEE to file patent applications in any or all countries on the above-identified invention or inventions in the name of the undersigned or in the name of ASSIGNEE or otherwise as ASSIGNEE may deem advisable under the International Convention or otherwise.

Page 1 of 4

ASSIGNOR HEREBY AUTHORIZES AND REQUESTS the Commissioner of Patents and Trademarks to issue said Letters Patent to ASSIGNEE as assignee of the entire interest, for the sole use and benefit of ASSIGNEE, its successors and assigns.

ASSIGNOR HEREBY AGREES (a) to communicate to ASSIGNEE, its successors and assigns, or their representative or agents, all facts and information known or available to ASSIGNOR respecting said invention or inventions, improvements, and modifications including evidence for interference, reexamination, reissue, opposition, revocation, extension, or infringement purposes or other legal, judicial, or administrative proceedings, whenever requested by ASSIGNEE; (b) to testify in person or by affidavit as required by ASSIGNEE, its successors and assigns, in any such proceeding in the United States or a country foreign thereto; (c) to execute and deliver, upon request by ASSIGNEE, all lawful papers including, but not limited to, original, divisional, continuation, and reissue applications, renewals, assignments, powers of attorney, oaths, affidavits, and declarations, depositions; and (d) to provide all reasonable assistance to ASSIGNEE, its successors and assigns, in obtaining and enforcing proper title in and protection for said invention or inventions, improvements, and modifications under the intellectual property laws of the United States and countries foreign thereto.

ASSIGNOR HEREBY REPRESENTS AND WARRANTS that ASSIGNOR has the full and unencumbered right to sell, assign, and transfer the interests sold, assigned, and transferred herein, and that ASSIGNOR has not executed and will not execute any document or instrument in conflict herewith.

ASSIGNOR HEREBY GRANTS to the law firm of Foley & Lardner LLP the power and authority to insert in this Assignment any further identification which may be necessary or desirable to comply with the rules of the U.S. Patent and Trademark Office for recordation of this Assignment.

ASSIGNOR UNDERSTANDS AND AGREES that the attorneys and agents of the law firm of Foley & Lardner LLP do not personally represent ASSIGNOR OR ASSIGNOR's legal interests, but instead represent the interests of the licensee of the above-identified invention or inventions; since said attorneys and agents cannot provide legal advice to ASSIGNOR with respect to this Assignment, ASSIGNOR acknowledges its right to seek its own independent legal counsel.

Atty, Dkt. No. 090900-1018/1022 (UTA Tech ID: 5385 BAR)

Executed this 19^{th} day of 100000	<u>C, 2008</u> .
	allen Band
	ALLEN J, BARD
State of <u>Texas</u>)	
County of Trailis	
On this <u>IATA</u> day of <u>November</u> , 2008, before for said county), personally appeared ALLEN J. BARD, who proved to me subscribed to the within instrument and acknowledged to me that he/she ex signature on the instrument the person, or the entity upon behalf of which the	ecuted the same in his/her authorized capacity, and that by his/her
WITNESS my hand and official seal.	
Signature Avgio M	ANGIE NELSON Notary Public, State of Texas My Commission Expires
My Commission Expires: 12/9/09	December 09, 2009
(Scal)	
Executed this 20th day of Movember	Fu-Ken Fan Fu-REN F. FAN
State of Texas	
County of Travis)	•
On this 20 day of 10 VENDET, 20 08 before a for said county), personally appeared FU-REN F. FAN, who proved to me or subscribed to the within instrument and acknowledged to me that he/she exe signature on the instrument the person, or the entity upon behalf of which the	cuted the same in his/her authorized capacity, and that by his/her
WITNESS my hand and official seal.	
Signature Alvay (1976) My Commission Expires: 12/9/09	ANGIE NELSON Notary Public, State of Texas My Commission Expires December 09, 2009
(Scal)	

Page 3 of 4

MILW_7766445.1

Atty. Dkt. No. 090900-1018/1022 (UTA Tech ID: 5385 BAR)

Executed this 24 day of $79n$.	, 20 <i>09</i> .
•	Jioguo yu
State of Hwki	JIAGUO YU
County of P. K. Clina)	
On this 4 day of 100. 200 be for said county), personally appeared FIAGUO YU, who proved to me	
WITNESS my hand and official seal.	
Signature Hory Wary	
My Commission Expires: 2016	
(Seal)	
	·
Executed this day of	, 20
	KHALID OMER
State of)	
County of)	
On this day of, 20, before said county), personally appeared KHALID OMER, who proved to mubscribed to the within instrument and acknowledged to me that he/she ignature on the instrument the person, or the entity upon behalf of which	e on the basis of satisfactory evidence to be the person whose name is
ATTNESS my hand and official seal.	
igasture	
ly Commission Expires:	
(Soai)	

Page 4 of 4

MILW_7766445.1

Atty. Dkt. No. 090900-1018/1022 (UTA Tech ID: 5385 BAR)

State of	Executed this	day of	, 20		
State of					
State of					
County of	k		*****	JIAGUO YU	
On thisday of	State of	_)		·	
On thisday of	County of	_)			
State of Texas On this 1th day of November, 2008, before me, Angle Medical Some (a notary public in and for said county), personally appeared KHALID OMER, who proved to me on the basis of satisfactory evidence to be the person whose name is subscribed to the within instrument and acknowledged to me that he/she executed the same in his/her authorized capacity, and that by his/her signature on the instrument the person, or the entity upon behalf of which the person acted, executed the instrument. WITNESS my hand and official seal. Signature My Commission Expires: (Seal) Executed this 19th day of November, 2008, before me, Angle Medical Some (a notary public in and for said county), personally appeared KHALID OMER, who proved to me on the basis of satisfactory evidence to be the person whose name is subscribed to the within instrument and acknowledged to me that he/she executed the same in his/her authorized capacity, and that by his/her signature on the instrument the person, or the entity upon behalf of which the person acted, executed the instrument.					
Signature on the instrument the person, or the entity upon behalf of which the person acted, executed the instrument. WITNESS my hand and official seal. Signature	for said county), personally appeared JIAG subscribed to the within instrument and ac		on the basis of satisfact the executed the same i	ctory evidence to be the pers	_(a notary public in and on whose name is v and that by his/her
State of Texas On this 19th day of November, 2008, before me, Angle Nelson (a notary public in and for said county), personally appeared KHALID OMER, who proved to me on the basis of satisfactory evidence to be the person whose name is subscribed to the within instrument and acknowledged to me that he/she executed the same in his/her authorized capacity, and that by his/her signature on the instrument the person, or the entity upon behalf of which the person acted, executed the instrument.					,,, .y 215,116
Executed this 19 th day of November, 2008, KHALID OMER State of Texas On this 19 th day of November, 2008, before me, Angle Nelson (a notary public in and for said county), personally appeared KHALID OMER, who proved to me on the basis of satisfactory evidence to be the person whose name is subscribed to the within instrument and acknowledged to me that he/she executed the same in his/her authorized capacity, and that by his/her signature on the instrument the person, or the entity upon behalf of which the person acted, executed the instrument.	WITNESS my hand and official seal.				
Executed this 19 th day of November, 2008 KHALID OMER State of Texas County of Travis On this 19 th day of November, 2008, before me, Angle Nellson (a notary public in and for said county), personally appeared KHALID OMER, who proved to me on the basis of satisfactory evidence to be the person whose name is subscribed to the within instrument and acknowledged to me that he/she executed the same in his/her authorized capacity, and that by his/her signature on the instrument the person, or the entity upon behalf of which the person acted, executed the instrument.	Signature				
Executed this 19 th day of November, 2008 KHALID OMER State of Texas County of Travis On this 19 th day of November, 2008, before me, Angle Nellson (a notary public in and for said county), personally appeared KHALID OMER, who proved to me on the basis of satisfactory evidence to be the person whose name is subscribed to the within instrument and acknowledged to me that he/she executed the same in his/her authorized capacity, and that by his/her signature on the instrument the person, or the entity upon behalf of which the person acted, executed the instrument.					
Executed this 19th day of November, 2008, KHALID OMER State of Texas On this 19th day of November, 2008, before me, Angle Nelson (a notary public in and for said county), personally appeared KHALID OMER, who proved to me on the basis of satisfactory evidence to be the person whose name is subscribed to the within instrument and acknowledged to me that he/she executed the same in his/her authorized capacity, and that by his/her signature on the instrument the person, or the entity upon behalf of which the person acted, executed the instrument.	My Commission Expires:				
Executed this 19th day of November, 2008, KHALID OMER State of Texas On this 19th day of November, 2008, before me, Angle Nelson (a notary public in and for said county), personally appeared KHALID OMER, who proved to me on the basis of satisfactory evidence to be the person whose name is subscribed to the within instrument and acknowledged to me that he/she executed the same in his/her authorized capacity, and that by his/her signature on the instrument the person, or the entity upon behalf of which the person acted, executed the instrument.					
State of Texas County of Travis On this 19th day of November, 2008, before me, Angle Nelson (a notary public in and for said county), personally appeared KHALID OMER, who proved to me on the basis of satisfactory evidence to be the person whose name is subscribed to the within instrument and acknowledged to me that he/she executed the same in his/her authorized capacity, and that by his/her signature on the instrument the person, or the entity upon behalf of which the person acted, executed the instrument.	(Scal)	·			
State of Texas County of Travis On this 19th day of November, 2008, before me, Angle Nelson (a notary public in and for said county), personally appeared KHALID OMER, who proved to me on the basis of satisfactory evidence to be the person whose name is subscribed to the within instrument and acknowledged to me that he/she executed the same in his/her authorized capacity, and that by his/her signature on the instrument the person, or the entity upon behalf of which the person acted, executed the instrument.					
State of Texas County of Travis On this 19th day of November, 2008, before me, Angle Nelson (a notary public in and for said county), personally appeared KHALID OMER, who proved to me on the basis of satisfactory evidence to be the person whose name is subscribed to the within instrument and acknowledged to me that he/she executed the same in his/her authorized capacity, and that by his/her signature on the instrument the person, or the entity upon behalf of which the person acted, executed the instrument.					
State of Texas County of Travis On this 19th day of November, 2008, before me, Angle Nelson (a notary public in and for said county), personally appeared KHALID OMER, who proved to me on the basis of satisfactory evidence to be the person whose name is subscribed to the within instrument and acknowledged to me that he/she executed the same in his/her authorized capacity, and that by his/her signature on the instrument the person, or the entity upon behalf of which the person acted, executed the instrument.	Executed this 19th	toy of Novious h	er anna		
State of Texas County of Travis On this 19th day of November, 2008, before me, Angle Nelson (a notary public in and for said county), personally appeared KHALID OMER, who proved to me on the basis of satisfactory evidence to be the person whose name is subscribed to the within instrument and acknowledged to me that he/she executed the same in his/her authorized capacity, and that by his/her signature on the instrument the person, or the entity upon behalf of which the person acted, executed the instrument.	Excedited tills 11 c	lay of Troverno	<u>Cr</u> , 20 <u>00</u>		
State of Texas County of Travis On this 19th day of November, 2008, before me, Angle Nelson (a notary public in and for said county), personally appeared KHALID OMER, who proved to me on the basis of satisfactory evidence to be the person whose name is subscribed to the within instrument and acknowledged to me that he/she executed the same in his/her authorized capacity, and that by his/her signature on the instrument the person, or the entity upon behalf of which the person acted, executed the instrument.			KA		
State of Texas County of Travis On this 19th day of November, 2008, before me, Angle Nelson (a notary public in and for said county), personally appeared KHALID OMER, who proved to me on the basis of satisfactory evidence to be the person whose name is subscribed to the within instrument and acknowledged to me that he/she executed the same in his/her authorized capacity, and that by his/her signature on the instrument the person, or the entity upon behalf of which the person acted, executed the instrument.				KHALIDOMER	, U C
On this 19th day of November, 2008, before me, Angle Nelson (a notary public in and for said county), personally appeared KHALID OMER, who proved to me on the basis of satisfactory evidence to be the person whose name is subscribed to the within instrument and acknowledged to me that he/she executed the same in his/her authorized capacity, and that by his/her signature on the instrument the person, or the entity upon behalf of which the person acted, executed the instrument.	State of Texas)			
subscribed to the within instrument and acknowledged to me that he/she executed the same in his/her authorized capacity, and that by his/her signature on the instrument the person, or the entity upon behalf of which the person acted, executed the instrument.	County of Travis) .			
subscribed to the within instrument and acknowledged to me that he/she executed the same in his/her authorized capacity, and that by his/her signature on the instrument the person, or the entity upon behalf of which the person acted, executed the instrument.	On this 19^{th} day of NOV	19M Dec. 2008 bel	foreme: Anale	Nelson (a notary public in and
	subscribed to the within instrument and acki	nowledged to me that he/shi	e executed the same in	his/her authorized capacity,	arson whose name is and that by his/her
WITNESS my hand and official seal.		e entity upon benair of which	in the person acted, ex	ecuted the instrument.	
Signature ANGIE NELSON	Signature AVAL		and the same of th	ANGIE NEI SON	
Notary Public, State of Taxas 1			A N	lotary Public State of To-	xas
My Commission Expires: 12/9/09 December 09, 2009	My Commission Expires: 12/9/09		The state of the s	December 09, 2009	,3
(Seal)	(Seal)				

Page 4 of 4

MILW_7766445.1

PATENT REEL: 033307 FRAME: 0622