PATENT ASSIGNMENT COVER SHEET

Electronic Version v1.1 Stylesheet Version v1.2 EPAS ID: PAT3214246

SUBMISSION TYPE:	NEW ASSIGNMENT
NATURE OF CONVEYANCE:	ASSIGNMENT

CONVEYING PARTY DATA

Name	Execution Date
WEN-DING HUANG	01/23/2015

RECEIVING PARTY DATA

Name:	THE UNIVERSITY OF TEXAS ARLINGTON
Street Address:	210 WEST 7TH STREET
City:	AUSTIN
State/Country:	TEXAS
Postal Code:	78701

PROPERTY NUMBERS Total: 1

Property Type	Number
Application Number:	14037848

CORRESPONDENCE DATA

Fax Number: (678)365-4450

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: 678-365-4444

Email:djackson@parks-wood.comCorrespondent Name:PARKS WOOD LLC / UTAAddress Line 1:730 PEACHTREE STREET, NE

Address Line 2: SUITE 600

Address Line 4: ATLANTA, GEORGIA 30308

ATTORNEY DOCKET NUMBER:	2100 08-21 DIV
NAME OF SUBMITTER:	COLLEN A. BEARD
SIGNATURE:	/Collen A. Beard/
DATE SIGNED:	02/05/2015

Total Attachments: 6

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PATENT

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PATENT REEL: 034899 FRAME: 0017

ASSIGNMENT

I, Jung-Chih Chiao, of 2432 Kingsley Drive, Grand Prairie, Texas 75050, a citizen of the United States and Wen-Ding Huang, of 721 W. Mitchell Circle, Apt. 1024A, Arlington, Texas 76013, a citizen of the United States have invented an **Amorphous IrOX Film pH Sensor**. This is an Assignment of the following rights, title and interest: (check all that apply):

I was employed by The University of Texas Arlington, a State Institution of Higher Education established under the laws of the State of Texas within The University of Texas System, at the time the invention was made. The conditions under which said invention was made are such as to entitle the Board of Regents, The University of Texas System (hereinafter SYSTEM), having a place of business at 210 West 7th St., Austin, TX 78701, to the entire right, title, and interest in the invention, in the United States and all other countries throughout the world.

For good and valuable consideration, the receipt, sufficiency and adequacy of which are hereby acknowledged, I the undersigned, have voluntarily sold, assigned, and transferred and do voluntarily sell, assign, and transfer to SYSTEM, and successors and assigns, my full and exclusive right, title and interest in and to the invention(s) disclosed in said application throughout the world, including the United States and its territorial possessions and in all foreign countries, including all rights to claim priority, in and to any and all improvements which are disclosed in said application. This includes an assignment of all Letters Patent that may be granted on the invention in the United States of America and all countries throughout the world, and any divisional, renewal, continuation in whole or in part, substitution, conversion, reexamination, reissue, prolongation or extension thereof, to the extent that same were invented by me while employed by The University of Texas Southwestern; and the right to claim priority from the patent application as provided for by United States law, the Patent Cooperation Treaty, the European Patent Convention, the Paris Convention, or other applicable law.

I authorize and request the issuance of said Letters Patent to SYSTEM, as assignee of the entire right, title, and interest to be held as fully and entirely as the same would have been held by us had this assignment not been made.

1

I warrant that there are no outstanding assignments, grants, liens, encumbrances, or agreements either written, oral, or implied that will impair, diminish, limit, or abridge the interest here conveyed at the time of the execution of the present assignment.

I also hereby assign all rights, title and interest to any improvements related to said invention(s) to SYSTEM to the extent that said improvements were invented by me while employed by The University of Texas Southwestern and agree to promptly and fully communicate to SYSTEM any facts and information known to me respecting any improvements related to said invention(s) and said application while any patent application anywhere in the world is still pending that claims priority, whether directly or indirectly, from said invention(s) or said application. I will maintain any such facts and information in confidence and will only reveal such facts and information to SYSTEM or its assigns.

I also agree upon reasonable request to communicate to SYSTEM, its representatives, assigns or agents, any facts known to us respecting the invention, and to testify in any legal proceeding, sign all lawful papers, execute all divisional, continuing and reissue applications, make all rightful oaths, provide all requested documents, and do everything reasonably possible to aid SYSTEM and its assigns to obtain and enforce proper patent protection for the invention in the United States or any foreign country. These provisions are binding upon our heirs, legal representatives, administrators and assigns.

I have authorized SYSTEM to file and prosecute this patent application, as well as any corresponding international or national applications that claim priority from it. SYSTEM has the right to select attorneys or agents of its choice to prosecute at its discretion these applications on its behalf.

I grant SYSTEM, the power to insert on this Assignment any further information that may be necessary or desirable in order to comply with all applicable legal requirements, including the rules of the United States Patent and Trademark Office, for submitting and recording this document.

IN TESTIMONY WHEREOF, I have signed my name on the date indicated.
Dated: 1-20-2015 Jung-Chih Chiao
STATE OF <u>Texas</u>
COUNTY OF Tarrant
This 20th day of January 2015, before me personally came the above-named Jung-Chih Chiao, to me personally known as the individual who executed the foregoing assignment, who acknowledged to me that he/she executed the same of his/her own free will for the purposed therein set forth.
Seal JANICE E MOORE NOTARY PUBLIC State of Texas Comm. Fm. 05-24-2016 2

NOTARY WITHOUT BOND

PATENT REEL: 034899 FRAME: 0019

IN TESTIMONY WHEREOF, I have sign	ed my name on the date indicated.
Dated:	Wen-Ding Huang
STATE OF	
COUNTY OF	
This day of came the above-named Wen-Ding Huar executed the foregoing assignment, who a his/her own free will for the purposed there. Seal	ng, to me personally known as the individual who acknowledged to me that he/she executed the same or
Dom	(Notary Public)

ASSIGNMENT

I, Jung-Chih Chiao, of 2432 Kingsley Drive, Grand Prairie, Texas 75050, a citizen of the United States and Wen-Ding Huang, of 721 W. Mitchell Circle, Apt. 1024A, Arlington, Texas 76013, a citizen of the United States have invented an **Amorphous IrOX Film pH Sensor**. This is an Assignment of the following rights, title and interest: (check all that apply):

[x] United States of America rights, title and interest in the invent	ion.
[x] Foreign rights, title and interest in the invention	
[] An application to the Commissioner for Patents of the United	States of America filed
herewith.	
An application to the Commissioner for Patents of the United	States of America has
been executed by the undersigned on:	
United States Provisional Patent Application Serial No.	
[x] United States Patent Application Serial No. 14/037,848 filed	on September 26, 2013
(the "invention").	-
United States Patent No(s)	
International (PCT Patent Application Serial No	filed or
Other (specify):	
[]	····

I was employed by The University of Texas Arlington, a State Institution of Higher Education established under the laws of the State of Texas within The University of Texas System, at the time the invention was made. The conditions under which said invention was made are such as to entitle the Board of Regents, The University of Texas System (hereinafter SYSTEM), having a place of business at 210 West 7th St., Austin, TX 78701, to the entire right, title, and interest in the invention, in the United States and all other countries throughout the world.

For good and valuable consideration, the receipt, sufficiency and adequacy of which are hereby acknowledged, I the undersigned, have voluntarily sold, assigned, and transferred and do voluntarily sell, assign, and transfer to SYSTEM, and successors and assigns, my full and exclusive right, title and interest in and to the invention(s) disclosed in said application throughout the world, including the United States and its territorial possessions and in all foreign countries, including all rights to claim priority, in and to any and all improvements which are disclosed in said application. This includes an assignment of all Letters Patent that may be granted on the invention in the United States of America and all countries throughout the world, and any divisional, renewal, continuation in whole or in part, substitution, conversion, reexamination, reissue, prolongation or extension thereof, to the extent that same were invented by me while employed by The University of Texas Southwestern; and the right to claim priority from the patent application as provided for by United States law, the Patent Cooperation Treaty, the European Patent Convention, the Paris Convention, or other applicable law.

I authorize and request the issuance of said Letters Patent to SYSTEM, as assignee of the entire right, title, and interest to be held as fully and entirely as the same would have been held by us had this assignment not been made.

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I warrant that there are no outstanding assignments, grants, liens, encumbrances, or agreements either written, oral, or implied that will impair, diminish, limit, or abridge the interest here conveyed at the time of the execution of the present assignment.

I also hereby assign all rights, title and interest to any improvements related to said invention(s) to SYSTEM to the extent that said improvements were invented by me while employed by The University of Texas Southwestern and agree to promptly and fully communicate to SYSTEM any facts and information known to me respecting any improvements related to said invention(s) and said application while any patent application anywhere in the world is still pending that claims priority, whether directly or indirectly, from said invention(s) or said application. I will maintain any such facts and information in confidence and will only reveal such facts and information to SYSTEM or its assigns.

I also agree upon reasonable request to communicate to SYSTEM, its representatives, assigns or agents, any facts known to us respecting the invention, and to testify in any legal proceeding, sign all lawful papers, execute all divisional, continuing and reissue applications, make all rightful oaths, provide all requested documents, and do everything reasonably possible to aid SYSTEM and its assigns to obtain and enforce proper patent protection for the invention in the United States or any foreign country. These provisions are binding upon our heirs, legal representatives, administrators and assigns.

I have authorized SYSTEM to file and prosecute this patent application, as well as any corresponding international or national applications that claim priority from it. SYSTEM has the right to select attorneys or agents of its choice to prosecute at its discretion these applications on its behalf.

I grant SYSTEM, the power to insert on this Assignment any further information that may be necessary or desirable in order to comply with all applicable legal requirements, including the rules of the United States Patent and Trademark Office, for submitting and recording this document.

IN TESTIMONY WHEREOF, I	have signed my name on the date indicated.
Dated:	Jung-Chih Chiao
STATE OF	
COUNTY OF	
This day of	before me before
Sea1	(Notary Public)

PATENT REEL: 034899 FRAME: 0022

IN TESTIMONY WHEREOF, I have signed my	name on the date indicated.
Dated: 01/23/2015	Wen-Ding Huang
STATE OF <u>C</u> A	
COUNTY OF US	
This Yth day of Following, to	2015 before me personally
came the above-named Wen-Ding Huang, to executed the foregoing assignment, who acknow	me personally known as the individual who
his/her own free will for the purposed therein set	
Seal	(files
	/ (Notary Public)
RAJ MEHTA Commission # 2035927 Notary Public - California Santa Clara County My Comm. Expires Sep 1, 201	A SANNA SANN