# 502705754 03/04/2014

## PATENT ASSIGNMENT COVER SHEET

Electronic Version v1.1 Stylesheet Version v1.2

EPAS ID: PAT2752360

SUBMISSION TYPE:	NEW ASSIGNMENT
NATURE OF CONVEYANCE:	ASSIGNMENT

## **CONVEYING PARTY DATA**

Name	Execution Date
DAVID G. WHITTEN	02/20/2014
THOMAS S. CORBITT	01/09/2014
DIMITRI DASCIER	01/20/2014
EUNKYUNG JI	01/20/2014

## **RECEIVING PARTY DATA**

Name:	THE REGENTS OF THE UNIVERSITY OF NEW MEXICO
Street Address:	1 UNIVERSITY OF NEW MEXICO MSC05 3440
City:	ALBUQUERQUE
State/Country:	NEW MEXICO
Postal Code:	87131

## PROPERTY NUMBERS Total: 1

Property Type	Number
Application Number:	14127465

## **CORRESPONDENCE DATA**

Fax Number: (505)272-7300
Email: Istanich@stc.unm.edu

Correspondence will be sent via US Mail when the email attempt is unsuccessful.

Correspondent Name: LINDSAY STANICH

Address Line 1: 801 UNIVERSITY BLVD. SUITE 101
Address Line 4: ALBUQUERQUE, NEW MEXICO 87106

NAME OF SUBMITTER:	LINDSAY STANICH
Signature:	/Lindsay Stanich/
Date:	03/04/2014

Total Attachments: 8



ASSIGNMENT from (inventor name): David G. Whitten whose address is set forth on the signature page hereof (the "Inventor"), to the Regents of the University of New Mexico, an educational institution of the State of New Mexico, whose address is 1 University of New Mexico, MSC05-3440, Albuquerque, NM, 87131 (the "University").

WHEREAS, the Inventor, while employed by or enrolled at the University, conceived and/or reduced to practice one or more inventions which are described both in the disclosure described below and in other materials associated with the disclosure, including materials prepared after the date of this Assignment. The disclosure is identified as:

UNM Docket Ref. No.	Title						
2012-003	Thiophene Base	d Oligomers as Ligh	it Activated I	Biocides		***************************************	

(both the disclosure and the associated materials are collectively referred to herein as the "Invention Disclosure");

WHEREAS, one or more patent application(s) either have been or may be filed in the future in the United States Patent and Trademark. Office and other patent offices covering the invention or inventions described in the Invention Disclosure (collectively, the "Patent Application(s)"). Any such patent application(s) filed as of the date hereof are described below:

Patent App. Serial No.	Country	Date of Filing	Title			
14/127,465	U.S.	12/18/2013	Thiophene Based Oligo	omers As	Light Activ	
			Biocides			

and

WHEREAS, the University is legally entitled to obtain a formal assignment from the Inventor of his/her entire right, title, and interest in and to invention(s) and related technology created by Inventor during his/her employment or enrollment by the University.

NOW, THEREFORE, the Inventor has individually and jointly agreed to assign and transfer and does hereby assign and transfer unto the University, its successors and assigns his/her entire right, title, and interest in and to: (a) the invention(s) described in the Invention Disclosure and/or Patent Application(s); (b) any technical information, know-how, trade secret, process, procedure, composition, biological materials, device, method, formula, protocol, technique, software, design, tradename, trademark, copyright, copyrightable material, drawing or data which is related to the aforesaid invention(s) and/or that is included in the Invention Disclosure, whether or not covered by the Patent Application(s); (c) all rights of the Inventor in the Patent Application(s) including but not limited to all divisions, Letters Patent, reissues, re-examinations, continuations, continuations-in-part, continuing patent applications, substitutions, renewals, extensions filed and all patent(s) issuing thereon in the United States and all foreign countries, including but not limited to the right to apply for Letters Patent, Utility Models, or Inventor Certificates or equivalents in foreign countries in the Inventor's own name and to claim any priority rights for such foreign applications to which such applications are entitled under such countries' domestic laws, international conventions, treaties, or otherwise; and (d) to the extent the University owns the same under its policies and practices, all improvements to the invention(s) described in the Invention Disclosure and/or Patent Application(s) hereafter made or invented by the Inventor (all of the foregoing, (a), (b), (c), and (d) being collectively referred to throughout this Assignment as the "Invention"); and (e) the right to assert claims and bring lawsuits for any violation or infringement of any of the intellectual property rights assigned hereby, including all patents issuing on the Patent Applications.

The Inventor has individually and jointly already agreed and does hereby warrant for himself/herself and heirs, executors, and administrators, to execute and deliver without further consideration any further applications, assignments, and documents, and to perform such other acts as lawfully may be deemed necessary by the University, its successors, assigns, and nominees, fully to secure its right, title, and interest as aforesaid and to obtain and maintain Letters Patent, Utility Models, or Inventors' Certificates in any and all counties; and the Inventor hereby authorizes and requests the Commissioner of Patents to issue any and all Letters Patent which may be granted upon any of said applications, to the University as the assignee of the entire right, title, and interest therein.

## THE INVENTOR FURTHER ACKNOWLEDGES AND AGREES AS FOLLOWS:

 In accordance with the University's policies and practices, all net revenues from the Invention (all income received by the University, or its assignee, from commercialization of the Invention, not including payments for research, development or reimbursement of certain costs), shall be divided as follows: forty percent (40%) equally to the Inventors (unless the Inventors

have otherwise agreed in writing and so notified the University), forty percent (40%) to STC.UNM, and twenty percent (20%) to the University.

- For the purpose of enabling the University, its successors and assigns, without further consideration to obtain, defend and
  enforce all United States and foreign intellectual property rights in the Invention, the Inventor shall timely communicate all
  information, execute all documents, testify in all legal proceedings and take all such other actions necessary or desirable to
  accomplish such purpose.
- 3. The Inventor authorizes the attorney of record for the Patent Application(s) without further consideration to insert in this Assignment where indicated above, or in an Addendum to be attached hereto, the filing date, country where filed, title and serial number of such Patent Application(s) filed hereafter as they become officially known.
- The Inventor authorizes and requests without further consideration all domestic and foreign patent office officials to issue all
  patents, when granted, to the University, its successors and assigns.
- 5. The Inventor warrants and represents without further consideration that no assignment, sale, agreement or encumbrance has been or will be made or entered into by him/her which would conflict with this assignment.
- 6. THE UNDERSIGNED INVENTOR ACKNOWLEDGES BY HIS/HER SIGNATURE HERETO THAT HE/SHE HAS READ THE FOREGOING, UNDERSTAND ITS CONTENTS AND HAS HAD THE OPPORTUNITY TO CONSULT LEGAL COUNSEL OF HIS/HER CHOOSING CONCERNING HIS/HER RIGHTS AND OBLIGATIONS HEREUNDER.

HEREUNDER.	CHOOSING CONCERNING HIS/HI	ER RIGHTS AND OBLIGATION
Assignor (Inventor) Signature: David G.	Whiten  Rath And SW \$711-7	Date
STATE OF NEW MEXICO COUNTY OF BERNALILLO	) ) 58: )	
The foregoing instrument was subscribed a by the afore mentioned inventor.	and acknowledged before me, this <u>20</u> day	of Felorary 2014

My Commission Expires:

August 8, 2015

Seal:

Notary Public

ASSIGNMENT from (inventor name): Thomas S. Corbitt whose address is set forth on the signature page hereof (the "Inventor"), to the Regents of the University of New Mexico, an educational institution of the State of New Mexico, whose address is 1 University of New Mexico, MSC05-3440, Albuquerque, NM, 87131 (the "University").

WHEREAS, the Inventor, while employed by or enrolled at the University, conceived and/or reduced to practice one or more inventions which are described both in the disclosure described below and in other materials associated with the disclosure, including materials prepared after the date of this Assignment. The disclosure is identified as:

UNM Docket Ref.	Title
No.	
2012-003	Thiophene Based Oligomers as Light Activated Biocides
***************************************	

(both the disclosure and the associated materials are collectively referred to herein as the "Invention Disclosure");

WHEREAS, one of more patent application(s) either have been or may be filed in the future in the United States Patent and Trademark Office and other patent offices covering the invention or inventions described in the Invention Disclosure (collectively, the "Patent Application(s)"). Any such patent application(s) filed as of the date hereof are described below:

Patent App. Serial No.	Country	Date of Filing	Title	
14/127,465	U.S.	12/18/2013	Thiophene Based Oligomers As Light Activiate	d
			Biocides	

and

WHEREAS, the University is legally entitled to obtain a formal assignment from the Inventor of his/her entire right, title, and interest in and to invention(s) and related technology created by Inventor during his/her employment or enrollment by the University.

NOW, THEREFORE, the Inventor has individually and jointly agreed to assign and transfer and does hereby assign and transfer unto the University, its successors and assigns his/her entire right, title, and interest in and to: (a) the invention(s) described in the Invention Disclosure and/or Patent Application(s); (b) any technical information, know-how, trade secret, process, procedure, composition, biological materials, device, method, formula, protocol, technique, software, design, tradename, trademark, copyright, copyrightable material, drawing or data which is related to the aforesaid invention(s) and/or that is included in the Invention Disclosure, whether or not covered by the Patent Application(s); (c) all rights of the Inventor in the Patent Application(s) including but not limited to all divisions, Letters Patent, reissues, re-examinations, continuations, continuations in-part, continuing patent applications, substitutions, renewals, extensions filed and all patent(s) issuing thereon in the United States and all foreign countries, including but not limited to the right to apply for Letters Patent, Utility Models, or Inventor Certificates or equivalents in foreign countries in the Inventor's own name and to claim any priority rights for such foreign applications to which such applications are entitled under such countries' domestic laws, international conventions, treaties, or otherwise; and (d) to the extent the University owns the same under its policies and practices, all improvements to the invention(s) described in the Invention Disclosure and/or Patent Application(s) hereafter made or invented by the Inventor (all of the foregoing, (a), (b), (c), and (d) being collectively referred to throughout this Assignment as the "Invention"); and (e) the right to assert claims and bring lawsuits for any violation or infringement of any of the intellectual property rights assigned hereby, including all patents issuing on the Patent Applications.

The Inventor has individually and jointly already agreed and does hereby warrant for himself/herself and heirs, executors, and administrators, to execute and deliver without further consideration any further applications, assignments, and documents, and to perform such other acts as lawfully may be deemed necessary by the University, its successors, assigns, and nominees, fully to secure its right, title, and interest as aforesaid and to obtain and maintain Letters Patent, Utility Models, or Inventors' Certificates in any and all counties; and the Inventor hereby authorizes and requests the Commissioner of Patents to issue any and all Letters Patent which may be granted upon any of said applications, to the University as the assignee of the entire right, title, and interest therein.

# THE INVENTOR FURTHER ACKNOWLEDGES AND AGREES AS FOLLOWS:

1. In accordance with the University's policies and practices, all net revenues from the Invention (all income received by the University, or its assignee, from commercialization of the Invention, not including payments for research, development or reimbursement of certain costs), shall be divided as follows: forty percent (40%) equally to the Inventors (unless the Inventors

have otherwise agreed in writing and so notified the University), forty percent (40%) to STC.UNM, and twenty percent (20%) to the University.

- 2. For the purpose of enabling the University, its successors and assigns, without further consideration to obtain, defend and enforce all United States and foreign intellectual property rights in the Invention, the Inventor shall timely communicate all information, execute all documents, testify in all legal proceedings and take all such other actions necessary or desirable to accomplish such purpose.
- 3. The Inventor authorizes the attorney of record for the Patent Application(s) without further consideration to insert in this Assignment where indicated above, or in an Addendum to be attached hereto, the filing date, country where filed, title and serial number of such Patent Application(s) filed hereafter as they become officially known.
- The Inventor authorizes and requests without further consideration all domestic and foreign patent office officials to issue all patents, when granted, to the University, its successors and assigns.
- The Inventor warrants and represents without further consideration that no assignment, sale, agreement or encumbrance has been or will be made or entered into by him/her which would conflict with this assignment,
- THE UNDERSIGNED INVENTOR ACKNOWLEDGES BY HIS/HER SIGNATURE HERETO THAT HE/SHE HAS

READ THE FOREGOING, UNDERST LEGAL COUNSEL OF HIS/HER				
HEREUNDER.	giller		4.7	2014
Assignor (Inventor) Signature: Thomas S.	Corbitt		Date	Ziros s
Assignor (Inventor) Address:				
7716 Roberts St. N.E. Albuquerque, NM 87109				
United States				
STATE OF NEW MEXICO	)			
COUNTY OF BERNALILLO	) \$5.			
The foregoing instrument was subscribed a	nd acknowledged be	fore me, this 944	day of January	, 2014
by the afore mentioned inventor.				
		· · · · · · · · · · · · · · · · · · ·		
			5	
		Notary P	ablic	<u> </u>
My Commission Expires:				
MAY 20, 2017		Seal		

OFFICIAL EFAL DYLAN ARMES NOTARY PLUSIC - STATE OF NEW MEXICO My Commission Expires: 5/20/17

ASSIGNMENT from (inventor name): Disultri Dascier whose address is set forth on the signature page hereof (the "Inventor"), to the Regents of the University of New Mexico, an educational institution of the State of New Mexico, whose address is 1 University of New Steerier, MSC05-3440, Albuquerque, NM, 87131 (the "University").

WHERMAS, the Inventor, while employed by or counsied at the University, conocived and/or reduced to practice one or more inventions which are described both in the disclosure described below and in other materials associated with the disclosure, including materials prepared after the date of this Assignment. The disclosure is identified as:

2777									

(both the disclosure and the associated materials are collectively referred to herein as the "Invention Disclosure");

WHEREAS, the Inventor executed applications for Letters Pstent of the United States of America based upon the disclosure above. Any such patent application(s) filed as of the date hereof are described below:

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14/12	7,465				U.S.	,			3.5	/18	23	(3		Th	ioph	cac	Bas	(3)	300	ome	18 3	ş },	g)it	Acti	elist (	3
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SSM

WHEREAS, the University is legally entitled to obtain a formal assignment from the Inventor of his/her entire tight, title, and interest in and to invention(s) and related technology created by inventor during his/her employment or entailment by the University.

NOW, THEREFORE, the Inventor has individually and jointly agreed to assign and transfer and does hereby assign and transfer unto the University, its successors and assigns his/her entire right, title, and interest in and to: (a) the invention(s) described in the Invention Disclosure and/or Patent Application(s); (b) any technical information, knowhow, trade secret, process, prinedure, composition, biological materials, device, method, formula, protocol, technique, software, design, trade-name, trademark, copyright, copyrightable material, drawing or data which is related to the aforeraid invention(s) and/or that is included in the Invention Disclosure, whether or not covered by the Patent Application(s); (c) all rights of the Inventor in the Parent Application(s) including his not limited to all divisions, Letters Patent, trismes, re-examinations, communitions, continuations-in-part, continuing patent applications, substitutions, renewalt, extensions filed and all patent(s) issuing thereon in the United States and all foreign countries, including but not limited to the right to apply for Letters Pasent, Utility Models, or Inventor Certificates or equivalents in foreign countries in the University's own name and to claim any priority rights for such foreign applications to which such applications are entitled under such countries' devicable laws, international conventions, treaties, or otherwise, and (d) to the extent the University owns the same under its policies and practices, all improvements to the invention(s) described in the Invention Dischmire and/or Patent Application(s) hereafter made or invented by the Inventor (all of the inregoing, (s), (b), (c), and (d) being collectively referred to throughout this Assignment as the "Invention"); and (e) the right to assert claims and bring lawstits for any violation or infringement of any of the intellectual property rights assigned hereby, including all parents issuing on the Patent Applications.

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#### THE INVENTOR FURTHER ACKNOWLEDGES AND AGREES AS FOLLOWS:

Assignor (Inventous) Signature. Dimitir Descier

Assignor (Inventor) Address

Witness Signspiny

- 1. In accordance with the University's policies and practices, all net revenues from the Invention (all income received by the University, or its assignee, from commercialization of the Invention, not including payments for research, development or reimbursement of certain costs), shall be divided as follows: firsty percent (40%) equally so the Inventors (unless the levermore have otherwise agreed in writing and so motified the University), forty percent (40%) to STC UNIM, and reenty percent (20%) to the University
- 2. For the purpose of enabling the University, its surressors and assigns, without further consideration to obtain, defend and enforce all United States and foreign intellectual property rights in the Invention, the Inventor shall timely communicate all information, execute all documents, testify in all legal proceedings and take all such other actions necessary or desirable to scrumplish such purpose
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- THE UNDERSIONED INVENTOR ACKNOWLEDGES BY HIS/HER SIGNATURE HERBYO THAT HE/SHE HAS READ THE FOREGOING, UNDERSTAND ITS CONCENTS AND HAS HAD THE OPPORTUNITY TO CONSULT LEGAL COUNSEL OF HIS/HER CHOOSING CONCERNING HIS/HER RIGHTS AND OBLIGATIONS HUSBAUNDER

12 Kur Lesin Koun 10130 Bryy Le Chard Pennis	
Witness I: The foregoing Assignment was subscribed and acknowledge	d before me, this <u>25</u> day of <u>January</u> , <u>2314</u>
by the afore mentioned inventor.	SASCÜÉ. Raymo
Witness Signature	Witness Typed/Printed Name
Witness 2 The fungoing Assignment was subscribed and acknowledge by the afore mentioned inventor.	d before me, this 20 day on Scornway 20014
4	- Assime NADIA .

Wieness Typed/Printed Name

ASSIGNMENT from (Inversor name): Bunkyung Ji whose address is set forth on the signature page hereof (the "Inventor"), so the Regents of the University of New Mexico, an educational institution of the State of New Mexico, whose address is 1 University of New Mexico, MSC05-3440, Albuquerque, NM, 87131 (the "University").

WHEREAS, the Inventor, while employed by or encolled at the University, conceived and/or reduced to practice one or more inventions which are described both in the disclosure described below and in other materials associated with the disclosure, including materials prepared after the date of this Assignment. The disclosure is identified as:

UNM Docket No.	Tide			
2012-003	Thiophene Based Oligomers	as Light Activated Biocic	les	

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Patent App. Serial No.	Consury	Date of Filing	Title	
14/127,465	U.S.	12/18/2013	Thiophene Based Oligosacc	s As Light Activisited
			Biocides	

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THE UNDERSIGNED INVENTOR ACKNOWLEDGES BY HIS/HER SIGNATURE HERETO THAT

he/she has read the foregoing, understand its contents and has had the OPPORTUNITY TO CONSULT LEGAL COUNSEL OF HIS/HER CHOOSING CONCERNING HIS/HER RIGHTS AND OBLIGATIONS HEREUND&R. &5/11/20/4 Date Assigner (Inventor) Signature: Eunkyang Ji

Assignor (Inventor) Address: 12 Rue Ledra Rollin 10130 Ervy Le Charel Prance

Witness 1:

The fosegoing Assignment was subscribed and acknowledged befor by the atom mentioned inventor.	ome, this to day of the name.  DASCIER Roy	<u>ilell</u> mono
Witness Signature	Witness Typed/Prissed Nume	amman.
Witness 2 The foregoing Assignment was subscribed and acknowledged befor	re one, this <u>Lou</u> dsy of <u>Thronical</u>	.La14
by the afore mentioned inventor.	- Ascier NADIA	

**PATENT** REEL: 032348 FRAME: 0065

Witness Typed/Printed Name

RECORDED: 03/04/2014

Witness Signature