

## PATENT ASSIGNMENT

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SUBMISSION TYPE:	NEW ASSIGNMENT
NATURE OF CONVEYANCE:	ASSIGNMENT
CONVEYING PARTY DATA	
Name	Execution Date
Jonathan S. Lindsey	02/10/2009
RECEIVING PARTY DATA	
Name:	North Carolina State University
Street Address:	Campus Box 8210
City:	RALEIGH
State/Country:	NORTH CAROLINA
Postal Code:	27695
PROPERTY NUMBERS Total: 1	
Property Type	Number
Application Number:	12324346
CORRESPONDENCE DATA	
Fax Number:	(919)854-1401
Phone:	919-854-1400
Email:	sabraham@myersbigel.com
<i>Correspondence will be sent to the e-mail address first; if that is unsuccessful, it will be sent via US Mail.</i>	
Correspondent Name:	MYERS BIGEL SIBLEY & SAJOVEC
Address Line 1:	PO BOX 37428
Address Line 4:	RALEIGH, NORTH CAROLINA 27627
ATTORNEY DOCKET NUMBER:	5051-769
NAME OF SUBMITTER:	Sarah Abraham
Total Attachments: 8 source=5051-769_Assignment_12324346#page1.tif source=5051-769_Assignment_12324346#page2.tif source=5051-769_Assignment_12324346#page3.tif source=5051-769_Assignment_12324346#page4.tif source=5051-769_Assignment_12324346#page5.tif source=5051-769_Assignment_12324346#page6.tif source=5051-769_Assignment_12324346#page7.tif source=5051-769_Assignment_12324346#page8.tif	

CH \$40.00 12324346

**ASSIGNMENT**

THIS ASSIGNMENT, made by us, **Christian Melander**, a citizen of the United States of America, residing at 3309 Milton Road, Raleigh, NC 27609; **John Cavanagh**, a citizen of the United Kingdom, residing at 200 Tattenhall Drive, Cary, NC 27518; **David Ritchie**, a citizen of the United States of America, residing at 4804 Marlborough Way, Durham, NC 27713; **Robert W. Huigens III**, a citizen of the United States of America, residing at 245 Old Grove Lane, Apex, NC 27502; **T. Eric Ballard**, a citizen of the United States of America, residing at 223 Colonnade Drive, Apt. 23, Charlottesville, VA 22903; **Justin J. Richards**, a citizen of the United States of America, residing at 3221 Appling Way, Durham, NC 27703; and **Jonathan S. Lindsey**, a citizen of the United States of America, residing at 3931 Napa Valley Drive, Raleigh, NC 27612;

WITNESSETH: That,

WHEREAS, we are joint inventors of certain new and useful improvements in "INHIBITION OF BIOFILMS IN PLANTS WITH IMIDAZOLE DERIVATIVES," for which U.S. Provisional Application No. 60/990,483 was filed on November 27, 2007, U.S. Provisional Application No. 61/037,034 was filed on March 17, 2008, and U.S. Application No. 12/324,346 was filed on November 26, 2008 in the United States Patent and Trademark Office; and

WHEREAS, North Carolina State University, a constituent institution of The University of North Carolina and an educational institution chartered under the laws of the State of North Carolina having a principal place of business at Campus Box 8210, City of Raleigh, State of North Carolina, hereinafter referred to as assignee, is desirous of acquiring my entire right, title and interest in and to said invention as described in said application(s), and in and to any and all Letters Patent which shall be granted therefor in the United States of America and all foreign countries;

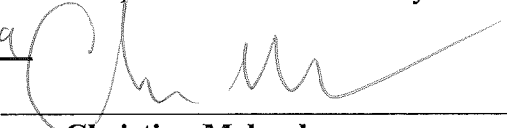
NOW, THEREFORE, To Whom It May Concern, be it known that for good and valuable consideration, the receipt and sufficiency of which is hereby acknowledged, we have sold and by these presents do hereby sell, assign, transfer and convey unto said assignee, its successors and assigns, the entire right, title, and interest in and to the said invention and application(s), and in and to any and all continuations, continuations-in-part, or divisions thereof, and in and to any and all Letters Patent of the United States of America and all foreign countries or reissues or other forms of protection thereof which may be granted therefor or thereon, for the full end of the term for which said Letters Patent may be granted along with any term extensions thereon or therefor,

together with the right to claim the priority of said application in all foreign countries in accordance with the International Convention, the same to be held and enjoyed by said assignee, its successors and assigns, as fully and entirely as the same would have been held and enjoyed by us if this assignment and sale had not been made.

We hereby request that said Letters Patent be issued in accordance with this assignment.

We further covenant and agree that, at the time of the execution and delivery of these presents, we possess full title to the invention and applications above-mentioned, and that we have the unencumbered right and authority to make this assignment.

We further covenant and agree to promptly communicate to said assignee or its representatives any facts known to us relating to said invention, to testify in any interference or legal proceedings involving said invention, to execute any additional papers which may be requested to confirm the right of the assignee, its representatives, successors, or assigns to secure patent or similar protection for the said invention in all countries and to vest in the assignee complete title to the said invention and Letters Patent, without further compensation, but at the expense of said assignee, its successors, assigns, and other legal representatives; and we hereby instruct, and further covenant and agree to bind our heirs, legal representatives, and assigns, to do same, without further compensation, but at the expense of said assignee or its representatives.

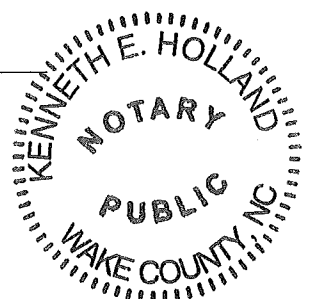
IN WITNESS WHEREOF, I have hereunto set my hand and seal on this 13 day of February, 2009  (SEAL)  
**Christian Melander**

STATE OF North Carolina )  
 ) ss:  
COUNTY OF Wake )

Before me personally appeared the person described in and who executed the foregoing instrument, and he acknowledged to me that he executed the same for the purposes therein stated, this 13<sup>th</sup> day of February, 2009

SEAL

My Commission Expires: December 21 2009



IN WITNESS WHEREOF, I have hereunto set my hand and seal on this 29 day of January, 2009

**John Cavanagh**

(SEAL)

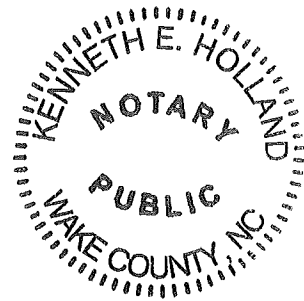
STATE OF North Carolina )  
 ) ss:  
COUNTY OF Wake )

Before me personally appeared the person described in and who executed the foregoing instrument, and he acknowledged to me that he executed the same for the purposes therein stated, this 29<sup>th</sup> day of JANUARY, 2009

Notary Public

SEAL

My Commission Expires: December, 21 2009



IN WITNESS WHEREOF, I have hereunto set my hand and seal on this 18<sup>th</sup> day of  
December, 2008

David Ritchie (SEAL)  
**David Ritchie**

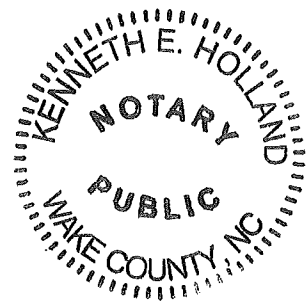
STATE OF North Carolina )  
 ) ss:  
COUNTY OF Wake )

Before me personally appeared the person described in and who executed the foregoing  
instrument, and he acknowledged to me that he executed the same for the purposes therein  
stated, this 18<sup>th</sup> day of December, 2008

[Signature]  
Notary Public

SEAL

My Commission Expires: December, 21 2009



IN WITNESS WHEREOF, I have hereunto set my hand and seal on this 3<sup>rd</sup> day of  
February, 2009  
Robert W. Huigens III (SEAL)  
**Robert W. Huigens III**

STATE OF North Carolina )  
 ) ss:  
COUNTY OF Wake )

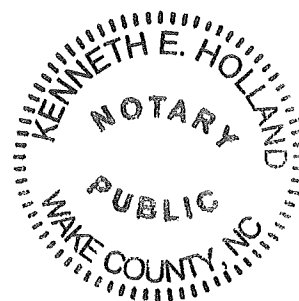
Before me personally appeared the person described in and who executed the foregoing  
instrument, and he acknowledged to me that he executed the same for the purposes therein

stated, this 3<sup>rd</sup> day of February, 2009

Kenneth E. Holland  
Notary Public

SEAL

My Commission Expires: December 21 2009



IN WITNESS WHEREOF, I have hereunto set my hand and seal on this 10<sup>th</sup> day of February, 2009  
T. Eric Ballard (SEAL)  
T. Eric Ballard

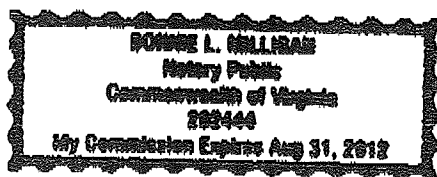
STATE OF Virginia  
COUNTY OF Albemarle ss:

Before me personally appeared the person described in and who executed the foregoing instrument, and he acknowledged to me that he executed the same for the purposes therein stated, this 10<sup>th</sup> day of February, 2009

Donnie M. Gilligan  
Notary Public

SEAL

My Commission Expires: Aug 31, 2012

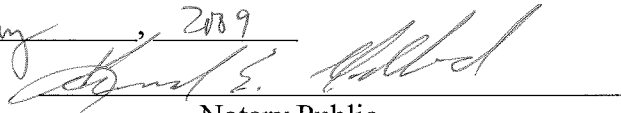


IN WITNESS WHEREOF, I have hereunto set my hand and seal on this 13 day of February, 2009

  
(SEAL)  
**Justin J. Richards**

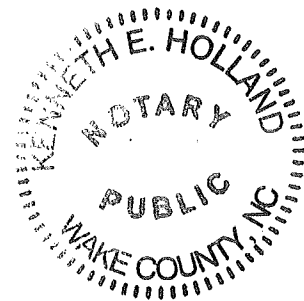
STATE OF North Carolina )  
 ) ss:  
COUNTY OF Wake )

Before me personally appeared the person described in and who executed the foregoing instrument, and he acknowledged to me that he executed the same for the purposes therein stated, this 13<sup>th</sup> day of February, 2009

  
Notary Public

SEAL

My Commission Expires: December, 21 2009





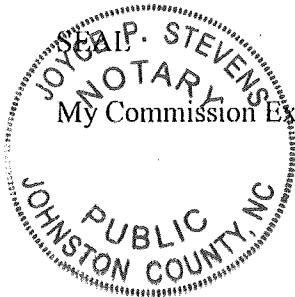
IN WITNESS WHEREOF, I have hereunto set my hand and seal on this 10<sup>th</sup> day of February, 2009

Jonathan S. Lindsey (SEAL)  
Jonathan S. Lindsey

STATE OF North Carolina )  
 ) ss:  
COUNTY OF Wake )

Before me personally appeared the person described in and who executed the foregoing instrument, and he acknowledged to me that he executed the same for the purposes therein stated, this 10<sup>th</sup> day of February, 2009

Joseph P. Stevens  
Notary Public



My Commission Expires:

April 15, 2011

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