PATENT ASSIGNMENT COVER SHEET

Electronic Version v1.1 Stylesheet Version v1.2

EPAS ID: PAT2961953

SUBMISSION TYPE:	NEW ASSIGNMENT	
NATURE OF CONVEYANCE:	ASSIGNMENT	
SEQUENCE:	1	

CONVEYING PARTY DATA

Name	Execution Date
RICHARD L GUERRANT	09/02/2010
TIMOTHY L MACDONALD	08/02/2011
PAUL S HOFFMAN	03/22/2010
THOMAS ERIC BALLARD	03/19/2010

RECEIVING PARTY DATA

Name:	UNIVERSITY OF VIRGINIA	
Street Address:	VARSITY HALL, 136 HOSPITAL DRIVE	
City:	CHARLOTTESVILLE	
State/Country:	VIRGINIA	
Postal Code:	22904	

PROPERTY NUMBERS Total: 1

Property Type	Number
Application Number:	14446793

CORRESPONDENCE DATA

Fax Number: (434)924-2493

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: 434-924-2173 Email: kmoore@uvapf.org

Correspondent Name: UNIVERSITY OF VIRGINIA PATENT FOUNDATION

Address Line 1: 250 WEST MAIN STREET, SUITE 300 Address Line 4: CHARLOTTESVILLE, VIRGINIA 22902

ATTORNEY DOCKET NUMBER:	01640-06	
NAME OF SUBMITTER:	RODNEY L SPARKS	
SIGNATURE:	/rls/	
DATE SIGNED:	07/31/2014	

Total Attachments: 5

source=Executed Assign-Invent to UVA (01640-02) (01083548)#page1.tif source=Executed Assign-Invent to UVA (01640-02) (01083548)#page2.tif

PATENT REEL: 033431 FRAME: 0564 502915355

source=Executed Assign-Invent to UVA (01640-02) (01083548)#page3.tif source=Executed Assign-Invent to UVA (01640-02) (01083548)#page4.tif source=Executed Assign-Invent to UVA (01640-02) (01083548)#page5.tif

PATENT REEL: 033431 FRAME: 0565

ASSIGNMENT

WHEREAS, we, Richard L. Guerrant, Timothy L. Macdonald, Paul S. Hoffman and Thomas Eric Ballard, Jr., (the "Assignors"), have made an invention entitled

"BROAD SPECTRUM BENZOTHIOPHENE-NITROTHIAZOLIDE AND OTHER ANTIMICROBIALS"

described in U. S. Patent Application Serial No. 61/161,796 filed on March 20, 2009; International Application Serial No. PCT/US2010/027397 filed on March 16, 2010 and all subsequent patent applications claiming priority thereto; and

WHEREAS, the **University of Virginia**, One Boars Head Pointe, P. O. Box 400301, Charlottesville, Virginia 22904-4301 (the "Assignee"), is desirous of acquiring the entire right, title and interest in and to the aforesaid invention, including any tangible materials embodied in or encompassed by the invention and any trade secrets pertaining to the invention, and any improvements thereon, (the "Invention") and in and to said applications for Letters Patent thereon in the United States, its territories and possessions ("United States") and all foreign countries, including rights to claim priority, to any provisional applications, and in and to any Letters Patent of the United States or any foreign country which may be granted therefor, including any and all reissues, divisions, continuations, continuations-in-part, renewals, substitutes or extensions thereof (the "Rights");

NOW, THEREFORE, for and in consideration of the sum of One Dollar (\$1.00) and other good and valuable consideration, the receipt of which is hereby acknowledged, Assignors have sold, assigned, transferred and conveyed, and does hereby sell, assign, transfer and convey to Assignee, its successors and assigns, the entire right, title and interest in and to the aforesaid Invention and Rights, except that Assignee hereby grants back to the Assignors a royalty free non-transferable license to make and use the Invention under the Rights for educational and research purposes, only. The aforesaid assignment includes the right in and to all income, royalties, damages and payments now or hereafter due or payable with respect to any Letters Patent which may be granted, and in and to all causes of action (either in law or in equity), and the right to sue, counterclaim, and recover for past, present and future infringement of the rights assigned or to be assigned under this Assignment, as fully and entirely as the same would have been held and enjoyed by Assignor if this sale and assignment had not been made;

AND Assignors hereby authorize and request the appropriate governmental officials to issue any and all such United States or foreign Letters Patent under said invention, or resulting from any of said applications thereof, to the Assignee, as the assignee of the entire right, title and interest in and to the same;

AND Assignors hereby represent, warrant and covenant that they have the full right to convey the entire interest herein assigned, that they have not executed and will not

PATENT REEL: 033431 FRAME: 0566 execute any instrument or assignment in conflict herewith, and that the rights assigned herein are not otherwise encumbered by any grant, license or right;

AND Assignors further covenant and agree that Assignors will at any time upon request make, execute and deliver without further compensation, any and all other instruments in writing, including further applications, papers, affidavits, power of attorney, assignments, and other documents, and do all lawful acts and things, which, in the opinion of counsel for said Assignee, its successors and assigns, may in any country be required or necessary more effectively to secure to and vest in said Assignee, its successors and assigns the entire right, title and interest in and to said Invention and Rights hereby sold, assigned, transferred and conveyed, and that Assignors will sign any applications for reissue, division, continuation, continuation-in-part, renewal, substitute or extension of said application for Letters Patent or any resulting Letters Patent:

AND Assignors further covenant and agree that Assignors will at any time upon request communicate to the Assignee, its successors, assigns or other legal representatives any facts relating to the aforesaid invention known to it, and will testify as to the same in any interference, litigation, mediation, arbitration or other proceeding when requested to do so.

IN WITNESS WHEREOF, Assignors have hereunto set their hands and seals.

Signature of Inventor / Date of Execution: Inventor's Name: Inventor's Resident Address:	Richard L. Guerrant, U.S. Citizen 2507 Northfields Road Charlottesville, VA 22901
PLACE OF EXECUTION:	CHARLOTTESVILLE, VIRGINIA
CITY OF CHARLOTTESVILLE)	
) ss: Commonwealth of Virginia)	
the Commonwealth of Virginia, personally appeared	, 2010, before me, a Notary Public in and for Richard L. Guerrant, known to me (or proven by evidence bed in and who executed the foregoing instrument and ed for the uses and purposes therein set forth.
Shawa Wood, Notary Public	[signature, please print name below] c, my commission expires on

SHAWN WEAVER WOOD **NOTARY PUBLIC** Commonwealth of Virginia Reg. #7213436 My Commission Expires Jan. 31, 2012

January, 31, 2012

UVAPF Ref: HOFFMAN-CYANO (01640-02) Page 3 of 5

Signature of Inventor / Date of Execution:
Inventor's Name:
Inventor's Resident Address:
Inventor's Res



UVAPF Ref: HOFFMAN-CYANO (01640-02) Page 4 of 5

Signature of Inventor / Date of Execution:

Inventor's Name:

Inventor's Resident Address:

Paul S. Hoffman, U.S. Citizen

2140 N. Pantops Drive

Charlottesville, VA 22911

PLACE OF EXECUTION:

CHARLOTTESVILLE, VIRGINIA

CITY OF CHARLOTTESVILLE

) ss:

COMMONWEALTH OF VIRGINIA

On this Zanday of March , 2010, before me, a Notary Public in and for the Commonwealth of Virginia, personally appeared Paul S. Hoffman, known to me (or proven by evidence of satisfactory identification) to be the person described in and who executed the foregoing instrument and acknowledged the same to be of their free act and deed for the uses and purposes therein set forth.

_[signature, please print name below]

SHAMEN HOTEM Notary Public, my commission expires on 11-30-2011

SHARON R. HEYKA
Notary Public
Commonwealth of Virginia
188141
My Commission Expires Nov 30, 2011

UVAPF Ref: HOFFMAN-CYANO (01640-02) Page 5 of 5

Signature of Inventor / Date of Execution: Thomas Eric Ballard, Jr., U.S. Citizen Inventor's Name: 223 Colonnade Drive, Apt 23 Inventor's Resident Address: Charlottesville, VA 22903 PLACE OF EXECUTION: CHARLOTTESVILLE, VIRGINIA CITY OF CHARLOTTESVILLE) ss: COMMONWEALTH OF VIRGINIA On this 19th day of March , 2010, before me, a Notary Public in and for the Commonwealth of Virginia, personally appeared Thomas Eric Ballard, Jr., known to me (or proven by evidence of satisfactory identification) to be the person described in and who executed the foregoing instrument and acknowledged the same to be of their free act and deed for the uses and purposes therein set forth. unied. Willigan [signature, please print name below] , Notary Public, my commission expires on aug 31, 2012 BONNIE L. MILLIGAN **Notary Public**

> PATENT REEL: 033431 FRAME: 0570

RECORDED: 07/31/2014