

PATENT ASSIGNMENT COVER SHEET

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EPAS ID: PAT5558267

SUBMISSION TYPE:	NEW ASSIGNMENT
NATURE OF CONVEYANCE:	ASSIGNMENT
CONVEYING PARTY DATA	
Name	Execution Date
LAURENCE ZWIEBEL	10/09/2015
GREGORY M. PASK	10/09/2015
DAVID C. RINKER	10/08/2015
PATRICK L. JONES	12/15/2015
RECEIVING PARTY DATA	
Name:	VANDERBILT UNIVERSITY
Street Address:	305 KIRKLAND HALL
Internal Address:	2201 WEST END AVENUE
City:	NASHVILLE
State/Country:	TENNESSEE
Postal Code:	37240
PROPERTY NUMBERS Total: 2	
Property Type	Number
Application Number:	16145996
Application Number:	15093593
CORRESPONDENCE DATA	
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<i>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.</i>	
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Address Line 1:	999 PEACHTREE STREET
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ATTORNEY DOCKET NUMBER:	22000.0254U9
NAME OF SUBMITTER:	D. BRIAN SHORTELL, J.D., PH.D.
SIGNATURE:	/D. Brian Shortell, Reg. No. 56,020/
DATE SIGNED:	06/06/2019

Total Attachments: 6

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PATENT

REEL: 049389 FRAME: 0475

ASSIGNMENT

WHEREAS, we, Laurence **ZWIEBEL** of 2512 Sunset Place, Nashville, Tennessee 37212, United States of America; Gregory M. **PASK** of 4481 Frost Street, Nashville, Tennessee 37214, United States of America ; David **RINKER** of 411 Lockland Drive, Nashville, Tennessee 37206, United States of America ; and Patrick L. **JONES** of 4 Wildwood Road, Danvers, Massachusetts, United States of America (hereinafter, the "**INVENTORS**"), have invented new and useful improvements in "**COMPOSITIONS FOR INHIBITION OF INSECT HOST SENSING**"(**VU1113B-US1**) (hereinafter, the "**INVENTION**") for which a U.S. Patent Application was filed on October 16, 2013, and assigned Application No. 13/881,638, which is a U.S. National Phase Entry of International Patent Application No. PCT/US2011/057246 filed on October 21, 2011, which claims priority to U.S. Provisional Application No. 61/406,786 filed on October 26, 2010 and U.S. Provisional Application No. 61/406,368 filed on October 25, 2010; and

WHEREAS, VANDERBILT UNIVERSITY, whose Post office address is 305 Kirkland Hall, 2201 West End Avenue Nashville, Tennessee 37240, USA, is desirous of acquiring the entire interest in the same;

NOW, THEREFORE, for good and valuable consideration, as described in the Policy on Technology and Literary and Artistic Works, published in the 1993-1994 Vanderbilt Faculty Manual, as such policy is amended from time to time, the sufficiency and adequacy and receipt of which are hereby acknowledged, we, the **INVENTORS**, agree to assign and hereby do sell, assign and transfer unto said **VANDERBILT UNIVERSITY** the entire right, title and interest in and to said invention and application throughout the world, including, without limitation, any Letters Patent which may issue thereon, and any subsequent application claiming priority to the above-identified application, reissue, reexamination, divisional, continuation-in-part, extension or continuation thereof and all rights of priority under the Paris Convention arising from said application, and all other rights in the **INVENTION** possessed by the **INVENTORS**, including the right to bring suit for damages due to past infringements; the same for **VANDERBILT UNIVERSITY'S** legal

representatives and assigns, as fully and entirely as the same would have been held by us had this assignment and sale not been made;

AND, we hereby bind ourselves, our heirs, legal representatives, administrators and assigns properly to execute without further consideration any and all applications, petitions, oaths and assignments or other papers and instruments which may be necessary in order to carry into full force and effect, the sale, assignment, transfer and conveyance hereby made or intended to be made and generally do everything possible to aid **VANDERBILT UNIVERSITY**, its legal representatives and assigns, to obtain and enforce proper protection for said invention in all countries throughout the world;

AND, we hereby covenant that no assignment, sale, agreement or encumbrance has been or will be made or entered into which would conflict with this assignment;

AND, we, the **INVENTORS**, hereby authorize counsel for **VANDERBILT UNIVERSITY** to enter above information identifying applications claiming the **INVENTION** as well as any subsequent application claiming priority directly or indirectly to the above-listed applications under 35 U.S.C. § 119(e), including any reissues, reexaminations, divisions, continuations-in-part, extensions, or continuations thereof, and all rights of priority under the International Convention.

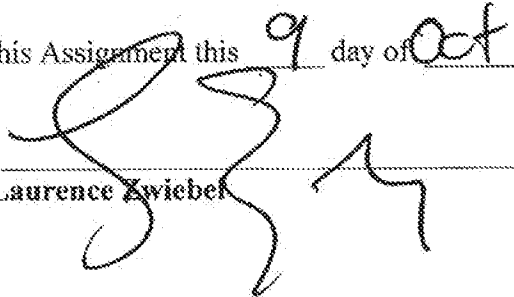
THIS ASSIGNMENT, received and accepted by **VANDERBILT UNIVERSITY** on this 25th day of Jan, 2015: 2016



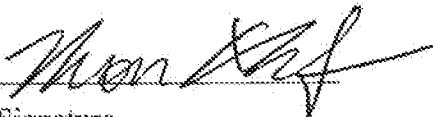
Assignee Representative

Title Director of Commercial Operations
Center for Technology Transfer
and Commercialization

IN WITNESS WHEREOF, I have executed this Assignment this 9 day of Oct, 2015.



Laurence Zwiebel

Witnessed By: 

Signature

XIAOPAN ZHOU

Printed Name of Witness

Bo Si Vanderhoff

Address of Witness

Date: 10/9/2015

Witnessed By: 

Signature

DAVID RINKER

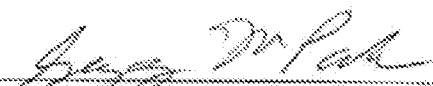
Printed Name of Witness

Bo Si Vanderhoff

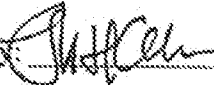
Address of Witness

Date: 10/9/2015

IN WITNESS WHEREOF, I have executed this Assignment this 9 day of Oct., 2015.



Gregory M. Pask

Witnessed By: 

Signature

Signature

Thomas H. Clarke

Printed Name of Witness

Printed Name of Witness


611 S Jefferson St Apt 810 Alexandria VA

Address of Witness 222011

Address of Witness

Date: 9/10/2015

Date:

Witnessed By: 

Signature

Signature

MARYANNE C. SIMURDA

Printed Name of Witness

Printed Name of Witness

211 Mount Vista Drive, Lexington

Address of Witness VA 24450

Address of Witness

Date: Oct 9, 2015

Date:

IN WITNESS WHEREOF, I have executed this Assignment this 2 day of October, 2015.

~~David C. Rinker~~

Witnessed By:

Signature _____

XIAOFAN ZHOU
Printed Name of Witness

Printed Name of Witness

Nashville
Address of Witness

Address of Witness

Date:

2015/08

Witnessed By:

Signature

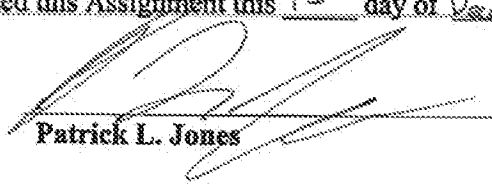
M. Sarwar Ahmed
Printed Name of Witness


Printed Name of Witness

Address of Witness

Date:

IN WITNESS WHEREOF, I have executed this Assignment this 15TH day of December, 2015.


Patrick L. Jones

Witnessed By: 

Signature

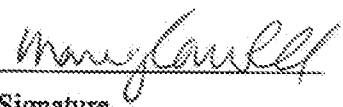
Robert B. Hunter

Printed Name of Witness

135 Harrison Ave #302 Boston, MA 02118

Address of Witness

Date: 12/15/15

Witnessed By: 

Signature

Mandy Cromwell

Printed Name of Witness

19 Champney St. Groton MA

Address of Witness

01450

Date: 12/15/15