502312735 04/16/2013

PATENT ASSIGNMENT

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SUBMISSION TYPE:	NEW ASSIGNMENT
NATURE OF CONVEYANCE:	ASSIGNMENT

CONVEYING PARTY DATA

Name	Execution Date
Billy Hargis	11/28/2012
Ross Wolfenden	11/28/2012
Neil R. Pumford	11/28/2012
Anita Menconi	11/28/2012
Guillermo Tellez	11/28/2012
Marion Morgan	11/28/2012
Amanda Wolfenden	11/28/2012
Srichaitanya Shirvaramaiah	11/21/2012

RECEIVING PARTY DATA

Name:	The Board of Trustees of the University of Arkansas	
Street Address:	2404 North University	
City:	Little Rock	
State/Country:	ARKANSAS	
Postal Code:	72207	

PROPERTY NUMBERS Total: 1

Property Type	Number	
Application Number:	13810549	

CORRESPONDENCE DATA

Fax Number: 4142715770

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

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Correspondent Name: Tambryn K. VanHeyningen
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PATENT

REEL: 030225 FRAME: 0134

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ATTORNEY DOCKET NUMBER: 5658-00178 UARK-AG	
NAME OF SUBMITTER: Tambryn K. VanHeyningen	
Signature: /Tambryn K. VanHeyningen/	
Date: 04/16/2013	
Total Attachments: 7 source=2012-12-18_5658-00111_Executed_Corrected_Assignment#page1.tif source=2012-12-18_5658-00111_Executed_Corrected_Assignment#page2.tif source=2012-12-18_5658-00111_Executed_Corrected_Assignment#page3.tif source=2012-12-18_5658-00111_Executed_Corrected_Assignment#page4.tif source=2012-12-18_5658-00111_Executed_Corrected_Assignment#page5.tif source=2012-12-18_5658-00111_Executed_Corrected_Assignment#page6.tif source=2012-12-18_5658-00111_Executed_Corrected_Assignment#page6.tif	

ASSIGNMENT

Pursuant to our obligation to THE BOARD OF TRUSTEES OF THE UNIVERSITY OF ARKANSAS (herein referred to as "Assignee"), having its principal place of business at:

2404 North University Avenue Little Rock, AR 72207

and for other valuable and sufficient consideration, receipt whereof is hereby acknowledged, we:

Billy Hargis 3229 Oakland Zion Road Fayetteville, AR 72703

Ross Wolfenden 1582 Saint Clair Street Pea Ridge, AR 72751

Neil R. Pumford 3196 Ozark Acres Drive Bentonville, AR 72712

Marion Morgan 1500 Clayton Street Springdale, AR 72762

Anita Menconi 2000 North Garland Avenue, Apartment #89 Fayetteville, AR 72703

Guillermo Tellez 2744 Hardy Lane Fayetteville, AR 72703

Amanda Wolfenden 1582 Saint Clair Street Pea Ridge, AR 72751

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Srichaitanya Shivaramaiah 709-100, Eighth Avenue Kitchener ON N2C 1S3 CANADA

confirm our obligation to and effective as of July 18, 2011 hereby sell, assign and convey, unto Assignee, its successors and assigns, our entire right, title and interest —

- (1) in and to an invention entitled "METHODS AND COMPOSITIONS INCLUDING SPORE-FORMING BACTERIA FOR INCREASING THE HEALTH OF ANIMALS" (Atty. File No. 5658-00111) for which International Patent Application No. PCT/US2011/044326 (hereinafter the "PCT application") was filed July 18, 2011, which application claims the benefit of the United States Provisional Patent Application No. 61/365,188, filed July 16, 2010 (hereinafter the "U.S. provisional patent application");
- (2) in and to the PCT application and the U.S. provisional patent application, in and to all other U.S. patent applications (including PCT national phase, divisional, continuation, continuation-in-part, §111(b) provisional, §111(a), and reissue applications) based upon said invention or claiming the benefit of the PCT application, or the U.S. provisional patent application, and in and to the patent or patents to be granted thereon, to the full end of the term or terms for which said patent or patents may be granted;
- (3) in and to all patent applications on said invention now or hereafter filed in countries foreign to the United States of America, including foreign applications entering the national phase of the PCT application, and in and to any and all patents granted on said applications to the full end of the terms for which said patents may be granted; and
- (4) in and to all applications filed under International Conventions on the invention or claiming priority to the PCT application and the U.S. provisional patent application.

We agree that any patent applications with a claim to priority based on the PCT application or the U.S. provisional patent application filed in any foreign countries may be filed in the name of Assignee.

We hereby agree that we will, upon demand of Assignee, its successors or assigns, and without further consideration to us, execute any and all papers that may be necessary, or deemed to be necessary, by Assignee, its successors or assigns, to complete fulfillment of the intent and purposes of this Assignment, it being understood that any expense incident to the execution of such papers shall be paid by Assignee, its successors and assigns, and not by us.

The Commissioner of Patents and Trademarks of the United States is hereby authorized and requested to issue said patent or patents to Assignee.

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	N/2/8)12. Date	Ē	Billy Hargis, In	ventor
	State of <u>Arkansas</u>) County of <u>Washington</u>)			
5:1	I hereby certify that B: 11, 1 be the same person or persons who signs and acknowledge that said instrument we have a for the uses and purposes therein	as sig	ned and delive	
	Given under my hand and seal, the	this _	2.8	day of Navember, 20 12.
	SUSAN MCCRANIE MY COMMISSION # 12371074 EXPIRES: May 6, 2019 Washington County	_	Susan	McChaule , Notary Public
	11/28/12. Date	Ī	Koss Wolfende	n, Inventor
	State of <u>Arkansas</u>) County of <u>washington</u>)			
ون ال	I hereby certify that Ross U be the same person or persons who sign and acknowledge that said instrument w wolfer, for the uses and purposes therein	ned the	foregoing inst	
	Given under my hand and seal, t	this _	28	day of November, 20 17
	SUSAN MCCRANIE MY COMMISSION # 12371074 EXPIRES: May 6, 2019 Washington County	-	Susar	nc Crania , Notary Public

1//28/17 Date	Neil R. Pumford, Inventor
State of A-Kasas) County of Washinston)	
same person or persons who signed the fore	, personally known to me to be the egoing instrument, appeared before me this day and ed and delivered as the free and voluntary act of t forth.
S NOTABY FULL SEED OF SEED SEED SEED SEED SEED SEED SEED SEE	day of Nevember, 2012
1/ /28 / 12 Date	Anita Menconi, Inventor
State of Arlanges County of Washing-thon	
be the same person or persons who signed	the foregoing instrument, appeared before me this day signed and delivered as the free and voluntary act of t forth.
Given under my hand and seal, this	day of November 20 12

///28/1Z Date	Ollo Idlee Isuas Guillermo Tellez, Inventor
State of <u>Pr-kanses</u>) County of <u>Washington</u>	
be the same person or persons who signed the	personally known to me to the foregoing instrument, appeared before me this day igned and delivered as the free and voluntary act of forth.
71 /28 / 12	28 day of Novambers, 20 12. Morica Jay, Notary Public
State of Arkansco) County of Waskington	Marion Morgan, Inventor
	he foregoing instrument, appeared before me this day signed and delivered as the free and voluntary act of
Given under my hand and seal, this	28 day of November 2012
S NOTARY S	Notary Public 5
Control of the Contro	FAICHI

11 -28 -V2 Date	Amanda Wolfenden, Inventor
State of <u>Awkansas</u>) County of <u>Uashingten</u>)	
be the same person or persons who signe	d the foregoing instrument, appeared before me this day as signed and delivered as the free and voluntary act of set forth.
Given under my hand and seal, th	ais 28 day of November, 2012.
SUSAN MCCRANIE MY COMMISSION # 12371074 EXPIRES: May 6, 2019 Washington County	Lusan Mcbanie, Notary Public
Date	Srichaitanya Shivaramaiah, Inventor
State of	
<u> </u>	ed the foregoing instrument, appeared before me this day as signed and delivered as the free and voluntary act of
Given under my hand and seal, t	hisday of, 20
	Notary Public

	Date	Amanda Wolfenden, Inventor
	State of)	
	County of)	
	I hereby certify that	, personally known to me to
		the foregoing instrument, appeared before me this day
		signed and delivered as the free and voluntary act of
	, for the uses and purposes therein se	
	Given under my hand and seal, this	day of, 20
		, Notary Public
	Nov 21, 2012	S. Sichesta
•	Date	Srichaitanya Shivaramaiah, Inventor
	Province,	
	State of Ontario)	
	State of Vy (divi o	
	County of Wellington	
	0	
	tipalaine or a Spinlagit	any 9 Shivaranaiah personally known to me to
	he the same nerson or persons who signed	the foregoing instrument, appeared before me this day
		s signed and delivered as the free and voluntary act of Scichait
Shiv	arawaiah, for the uses and purposes therein s	et forth.
	0	2157
	Given under my hand and seal, thi	s dl day of Namiber, 2012.
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		TETALOUTAL
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