502759493 04/09/2014

PATENT ASSIGNMENT COVER SHEET

Electronic Version v1.1 Stylesheet Version v1.2 EPAS ID: PAT2806089

SUBMISSION TYPE:	NEW ASSIGNMENT
NATURE OF CONVEYANCE:	ASSIGNMENT

CONVEYING PARTY DATA

Name	Execution Date
SHENGMIN SANG	04/07/2014
HUADONG CHEN	04/07/2014
YINGDONG ZHU	04/07/2014

RECEIVING PARTY DATA

Name:	NORTH CAROLINA A&T STATE UNIVERSITY
Street Address:	1601 EAST MARKET STREET
City:	GREENSBORO
State/Country:	NORTH CAROLINA
Postal Code:	27411

PROPERTY NUMBERS Total: 1

Property Type	Number
Application Number:	14134504

CORRESPONDENCE DATA

Fax Number: (336)271-2830

Correspondence will be sent to the e-mail address first; if that is unsuccessful, it will be sent via

US Mail.

Phone: 336-273-4422

Email: dcottelli@maccordmason.com
Correspondent Name: MACCORD MASON PLLC

Address Line 1: PO BOX 2974

Address Line 4: GREENSBORO, NORTH CAROLINA 27402

ATTORNEY DOCKET NUMBER:	4675-040	
NAME OF SUBMITTER:	DONNA COTTELLI	
SIGNATURE:	/Donna Cottelli/	
DATE SIGNED:	04/09/2014	

Total Attachments: 3

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PATENT 502759493 REEL: 032632 FRAME: 0305

ASSIGNMENT

WHEREAS, we, Shengmin Sang of Concord, North Carolina, Huadong Chen of Kannapolis, North Carolina, and Yingdong Zhu of Kannapolis, North Carolina (hereinafter "Assignor(s)"), have invented certain new and useful improvements in "GINGER METABOLITES AND USES THEREOF" (hereinafter "Invention") for which application for a U.S. Patent was filed on December 19, 2013 as U.S. Patent Application Serial No. 14/134,504 (hereinafter "Application").

AND, WHEREAS, North Carolina Agricultural and Technical State University, a constituent institution of The University of North Carolina and an education institution chartered under the laws of the State of North Carolina, having its principal office and place of business at 1601 East Market Street, Greensboro, North Carolina 27411 (hereinafter "Assignee"), is desirous of acquiring an interest therein.

NOW, THEREFORE, To Whom It May Concern, be it known that for good and valuable consideration, the receipt and sufficiency of which are hereby acknowledged. Assignors have sold and by these presents do hereby sell, assign, transfer and convey unto the Assignee, its successors and assigns, their entire right, title and interest in and to the Invention and Application, and in and to any and all foreign patent applications filed on the Invention, 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 thereof which may be granted therefor or thereon, for the full end of the term for which said Letters Patent may be granted, together with their right to claim the priority of Application in all countries in accordance with the Paris Convention, the Patent Cooperation treaty, or other agreement or national law under which priority can be claimed, 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 Assignors if this Assignment and sale had not been made.

Assignors hereby request that said Letters Patent be issued in accordance with this Assignment.

Assignors further covenant and agree that, at the time of the execution and delivery of these presents, Assignors possess full title to the Invention and Application above-mentioned, and that they have the unencumbered right and authority to make this Assignment.

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Assignors further covenant and agree, and likewise bind their heirs, legal representatives and assigns, to promptly communicate to said Assignee or its representatives any facts known to them relating to the Invention, to testify in any interference or legal proceedings involving the Application or Invention, to execute any additional papers which may be requested to confirm the right of the Assignee, its representatives, successors and assigns to secure patent or similar protection for the Invention in all countries and to vest in the Assignee complete title to the Invention and Letters Patent, without further compensation, but at the expense of said Assignee, its successors, assigns and other legal representatives.

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Executed on $04/07/2014$	
· · · · · · · · · · · · · · · · · · ·	Shengmin Sang
Witnessed by:	
RISHIPAL BANSODE	04/07/2014
Name	Date
Tow Wang	04/07/2014
Name	Date
Executed on $\frac{04/07/2014}{}$	Huadong Chen
Witnessed by:	
RISHIPAL BANSODE	04/07/2014
Name	Date
Tao Wang	04/07/2014
Name	Date

PATENT ASSIGNMENT USSN 14/134,504 MM Ref: 4675-040

Executed on $\frac{04/07/2014}{}$

Yingdong Zhu

Witnessed by:

RISHIPAL BANSODE

04/07/2014

Name

Date

Two Wang

04/07/2014

Name

Date

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PATENT REEL: 032632 FRAME: 0308

RECORDED: 04/09/2014