

## PATENT ASSIGNMENT COVER SHEET

Electronic Version v1.1  
 Stylesheet Version v1.2

EPAS ID: PAT3852005

<b>SUBMISSION TYPE:</b>	NEW ASSIGNMENT
<b>NATURE OF CONVEYANCE:</b>	ASSIGNMENT
<b>CONVEYING PARTY DATA</b>	
<b>Name</b>	<b>Execution Date</b>
MEIYU GENG	04/29/2016
HUASHI GUAN	04/29/2016
XIANLIANG XIN	04/29/2016
ZHAO YANG	04/29/2016
GUANGQIANG SUN	04/29/2016
<b>RECEIVING PARTY DATA</b>	
<b>Name:</b>	OCEAN UNIVERSITY OF CHINA
<b>Street Address:</b>	NO. 238 SONGLING ROAD
<b>Internal Address:</b>	LAOSHAN DISTRICT
<b>City:</b>	QINGDAO, SHANDONG PROVINCE
<b>State/Country:</b>	CHINA
<b>PROPERTY NUMBERS Total: 2</b>	
<b>Property Type</b>	<b>Number</b>
<b>Application Number:</b>	14482610
<b>Patent Number:</b>	8835403
<b>CORRESPONDENCE DATA</b>	
<b>Fax Number:</b>	(617)607-9200
<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>	
<b>Phone:</b>	(617) 449-6580
<b>Email:</b>	kriley@mccarter.com
<b>Correspondent Name:</b>	MCCARTER & ENGLISH, LLP
<b>Address Line 1:</b>	265 FRANKLIN STREET
<b>Address Line 4:</b>	BOSTON, MASSACHUSETTS 02110
<b>ATTORNEY DOCKET NUMBER:</b>	118216-00401 AND -00402
<b>NAME OF SUBMITTER:</b>	WEI SONG
<b>SIGNATURE:</b>	/Wei Song/
<b>DATE SIGNED:</b>	04/29/2016
<b>Total Attachments: 7</b>	

source=Executed Assignment#page1.tif  
source=Executed Assignment#page2.tif  
source=Executed Assignment#page3.tif  
source=Executed Assignment#page4.tif  
source=Executed Assignment#page5.tif  
source=Executed Assignment#page6.tif  
source=Executed Assignment#page7.tif

## ASSIGNMENT

For good and valuable consideration, the receipt and sufficiency of which are hereby acknowledged, each undersigned inventor (hereinafter referred to singly and collectively as "ASSIGNOR") has sold, assigned, and transferred, and by these presents hereby sells, assigns, and transfers, unto

**Ocean University Of China**  
No. 238 Songling Road,  
Laoshan District,  
Qingdao, Shandong province,  
P.R.China

(hereinafter referred to as "ASSIGNEE") its successors and assigns, the full and exclusive right, title and interest for the United States, its territories and possessions, and all foreign countries in and to this invention relating to

### **ALGIN OLIGOSACCHARIDES AND THE DERIVATIVES THEREOF AS WELL AS THE MANUFACTURE AND THE USE OF THE SAME**

as set forth in the following Patent Application:

U.S. Patent Application No. 10/594,100, which is the U.S. national phase of PCT  
Application No. PCT/CN2005/000226, filed February 25, 2005

which claims the benefit of the following application:

Chinese Patent Application: 200410023827.0, filed March 24, 2004

as well as in and to (a) all improvements and modifications of the above-identified invention or inventions, (b) the above-identified applications and all other applications for Letters Patent of the United States and countries foreign thereto for above-identified invention or inventions and all improvements and modifications thereof, (c) all Letters Patent which may issue from said applications in the United States and countries foreign thereto, (d) all divisions, continuations, reissues, and extensions of said applications and Letters Patent, and (e) the right to claim for any of said applications the full benefits and priority rights under the International Convention and any other international agreement to which the United States adheres; such right, title, and interest to be held and enjoyed by ASSIGNEE, its successors and assigns, to the full end of the term or terms for which any and all such Letters Patent may be granted as fully and entirely as would have been held and enjoyed by ASSIGNOR had this Assignment not been made.

ASSIGNOR HEREBY AUTHORIZES ASSIGNEE to file patent applications in any or all countries on the above-identified invention or inventions in the name of the undersigned or in the name of ASSIGNEE or otherwise as ASSIGNEE may deem advisable under the International Convention or otherwise.

ASSIGNOR HEREBY AUTHORIZES AND REQUESTS the Commissioner of Patents and Trademarks to issue said Letters Patent to ASSIGNEE as assignee of the entire interest, for the sole use and benefit of ASSIGNEE, its successors and assigns.

ASSIGNOR HEREBY AGREES (a) to communicate to ASSIGNEE, its successors and assigns, or their representative or agents, all facts and information known or available to ASSIGNOR respecting said invention or inventions, improvements, and modifications including evidence for interference, reexamination, reissue, opposition, revocation, extension, or infringement purposes or other legal, judicial, or administrative proceedings, whenever requested by ASSIGNEE; (b) to testify in person or by affidavit as required by ASSIGNEE, its successors and assigns, in any such proceeding in the United States or a country foreign thereto; (c) to execute and deliver, upon request by ASSIGNEE, all lawful papers including, but not limited to, original, divisional, continuation, and reissue applications, renewals, assignments, powers of attorney, oaths, affidavits, and declarations, depositions; and (d) to provide all reasonable assistance to ASSIGNEE, its successors and assigns, in obtaining and enforcing proper title in and protection for said invention or inventions, improvements, and modifications under the intellectual property laws of the United States and countries foreign thereto.

ASSIGNOR HEREBY REPRESENTS AND WARRANTS that ASSIGNOR has the full and unencumbered right to sell, assign, and transfer the interests sold, assigned, and transferred herein, and that ASSIGNOR has not executed and will not execute any document or instrument in conflict herewith.

ASSIGNOR HEREBY GRANTS to the law firm of **McCarter & English, LLP** the power and authority to insert in this Assignment any further identification which may be necessary or desirable to comply with the rules of the U.S. Patent and Trademark Office for recordation of this Assignment.

ASSIGNOR UNDERSTANDS AND AGREES that the attorneys and agents of the law firm of **McCarter & English, LLP** do not personally represent ASSIGNOR OR ASSIGNORS' legal interests, but instead represent the interests of ASSIGNEE; since said attorneys and agents cannot provide legal advice to ASSIGNOR with respect to this Assignment, ASSIGNOR acknowledges its right to seek its own independent legal counsel.

ASSIGNORS:

Executed this 29 day of April, 2016.

Meiyu Geng

Meiyu Geng

Witness Signature Guojie Qiu

Date: April 29, 2016

Print Witness Name GUOTIE QIU

Address 421 Newton Road, Zhangjiang Hi-Tech Park, Pudong, Shanghai, China

Witness Signature Xiaoyun Tian

Date: Apr. 29, 2016

Print Witness Name XIAOYUN TIAN

Address 421 Newton Road, Zhangjiang Hi-Tech Park, Pudong, Shanghai, China.

Executed this 29 day of 4, 2016.

Huashi Guan

Huashi Guan

Witness Signature

Yang Sun

Date: 29. 4. 2016

Print Witness Name

Yang Sun

Address MBRI, No. 23 Hong Kong east Road, Qingdao, Shandong province, P.R. China

Witness Signature

Wenzhe Yang

Date: 29. 4. 2016

Print Witness Name

Wenzhe Yang

Address MBRI, No. 23 Hong Kong east Road, Qingdao, Shandong province, P.R. China

Executed this 29 day of April, 2016.

Xianliang Xin  
Xianliang Xin

Witness Signature Lijun Zhang

Date: April 29, 2016

Print Witness Name LIJUN ZHANG

Address 421 Newton Road, Zhangjiang Hi-Tech Park, Pudong, Shanghai, China

Witness Signature Zheng Wang

Date: April 29, 2016

Print Witness Name ZHENG WANG

Address 421 Newton Road, Zhangjiang Hi-Tech Park, Pudong, Shanghai, China

Executed this 29 day of April, 2016.

Zhao Yang  
Zhao Yang

Witness Signature yan zhang

Date: 2016. 4. 29

Print Witness Name YAN ZHANG

Address No. 7 Longde Road. Qingdao. China

Witness Signature Xingtong Zhou

Date: 2016. 4. 29

Print Witness Name XINGTONG ZHOU

Address No. 7 Longde Road. Qingdao. China



Executed this 29 day of April, 2016.

Guangqiang Sun  
Guangqiang Sun

Witness Signature Kunxia Zhang  
Print Witness Name KUNXIA ZHANG

Date: 2016.4.29

Address 421 Newton Road, Zhangjiang Hi-Tech Park, Pudong, Shanghai, China

Witness Signature Yingzhen Liu  
Print Witness Name YIANG ZHEN LIU

Date: 2016.4.29

Address 421 Newton Road, Zhangjiang Hi-Tech Park, Pudong, Shanghai, China