PATENT ASSIGNMENT

Electronic Version v1.1 Stylesheet Version v1.1

SUBMISSION TYPE:	NEW ASSIGNMENT
NATURE OF CONVEYANCE:	ASSIGNMENT

CONVEYING PARTY DATA

Name	Execution Date
Mariana Barboza	05/14/2010
J. Bruce German	05/20/2010
Carlito Lebrilla	06/17/2010
Samara Freeman	05/20/2010
David Mills	05/21/2010

RECEIVING PARTY DATA

Name:	The Regents of the University of California	
Street Address:	1111 Franklin Street, 12th Floor	
City:	Oakland	
State/Country:	CALIFORNIA	
Postal Code:	94607-5200	

PROPERTY NUMBERS Total: 1

Property Type	Number
Application Number:	12722813

CORRESPONDENCE DATA

Fax Number: (415)576-0300

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

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Email: pandrews@kilpatricktownsend.com Correspondent Name: Kilpatrick Townsend & Stockton LLP

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ATTORNEY DOCKET NUMBER: 02307O-194710US

NAME OF SUBMITTER: Matthew E. Hinsch

PATENT

REEL: 025748 FRAME: 0001

Total Attachments: 5 source=UC_ASSIGN#page1.tif source=UC_ASSIGN#page2.tif source=UC_ASSIGN#page3.tif source=UC_ASSIGN#page4.tif source=UC_ASSIGN#page5.tif

> PATENT REEL: 025748 FRAME: 0002

ASSIGNMENT

l	I.C.	Case	No.	2009-110-2

For good and valuable consideration,	the receipt of which is hereby acknowledged,	ASSIGNOR(S),
O dood and raidable continues	•	

1. Mariana Barboza

2. J. Bruce German

3. Carlito Lebrilla

4. David Mills

5. Samara Freeman

hereby sells, assigns and transfers to ASSIGNEE, The Regents of the University of California, a California Corporation, having its statewide administrative offices located 1111 Franklin St., 12th Floor, Oakland, CA 94607-5200, and the successors, assigns and legal representatives of the ASSIGNEE all of its right, title and interest for the United States and its territorial possessions and in all foreign countries in and to, any and all improvements which are disclosed in the invention entitled:

PRE	PREBIOTIC OLIGOSACCHARIDES				
and	which is found in				
(a)		U.S. provisional application filed herewith and listing the above-named persons as inventors			
(b)		U.S. patent application filed herewith and listing the above-named persons as inventors			
(c)	X	U.S. application serial no. <u>12/722,813</u> . filed on <u>March 12, 2010</u>			
(d)		U.S. Patent No.:, issued			

and any legal equivalent thereof in a foreign country, including the right to claim priority and, in and to, all Letters Patent to be obtained for said invention by the above application or any continuation, division, continuation-in-part, extension, conversion to 35 USC 111(a) or substitute thereof, and any reissue, reexamination or extension of said Letters Patent and all rights under all International Conventions for the Protection of Industrial Property;

ASSIGNOR(S) hereby covenants that no assignment, sale, agreement or encumbrance has been or will be made or entered into which would conflict with this assignment;

ASSIGNOR(S) further covenants that ASSIGNEE will, upon its request, be provided promptly with all pertinent facts and documents relating to said invention and said Letters Patent and legal equivalents as may be known and accessible to ASSIGNOR and will testify as to the same in any interference, litigation, or proceeding relating thereto and will promptly execute and deliver to ASSIGNEE or its legal representative any and all papers, instruments or affidavits required to apply for, obtain, maintain, issue or enforce said application, said invention and said Letters Patent and said equivalents thereof which may be necessary or desirable to carry out the purposes thereof. An attorney of record is authorized and requested by the execution of this assignment to insert into this assignment the filling date and serial number of said application when officially known.

AND the <u>ASSIGNOR(S)</u> requests the Commissioner of Patents and Trademarks to issue said Letters Patent of the United States and any reissue or extension thereof to the ASSIGNEE, The Regents of the University of California.

ted thisday of,	20_10_	Signature of Inventor(s) Sugue Day Do Marianna Barboza
 _day of		J. Bruce German
 _day of,	20	Carlito Lebrilla
 _ day of,	20	Samara Freeman

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(-) _		with a set in a faceign equator, including the right to claim priority and, in and to, all Letters Pater

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VIII.04	
executed this	Signature of Inventor(s)
day of, 20	Marianhafatboza
20 day of May 20 10	/Bruce German
day of, 20	Carlito Lebrilla
day of	Samara Freeman
day of, 20	David Mills

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ASSIGNMENT

U.C. Case No. 2009-110-2

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executed this			Signature of Inventor(s)						
***************************************	_ day of [*]	, 20	Marianna Barboza						
	_ day of	, 20	J. Bruce German						
17	day of <u>Ju</u>	ne, 20/0	Carlito Lebrilla						
	_day of	, 20	Samara Freeman						
	day of _	, 20	David Mills						

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1. Mariana Barboza	2. <u>J. Bruce German</u>							
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executed this	Signature of Inventor(s)							
day of, 20	Marianna Barboza							
day of, 20	J. Bruce German							
day of, 20	Carlito Lebrilla							

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U.C. Case No. 2009-1							
For good and valuable	e consideration, the receip	t of which is hereb	y acknowledged, AS	BSIGNOR(S),			
1. <u>Mariana Barboza</u>		2. <u>J. Bruce German</u>					
3. Carlito Lebrilla		4. <u>Da</u> v	vid Mills				
5. Samara Freeman							
Corporation, having it	sors, assigns and legal re territorial possessions an	e proces located i	ASSIGNEE all o	Califomia, a California The Floor, Oakland, CA 94607- fits right, title and interest for the y and all improvements which are			
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(SSIGNOR(S) hereby intered into which wou	covenants that no assign	nment, sale, agree ment;	ment or encumbra *	nce has been or will be made or			
SSIGNOR(S) further ocuments relating to SSIGNOR and will te xecute and deliver to pply for, obtain, maint nereof which may be equested by the execute pplication when official	covenants that ASSIGNE said invention and said Lestify as to the same in an ASSIGNEE or its legal leain, issue or enforce said necessary or desirable to ution of this assignment ally known.	E will, upon its requiters Patent and I y interference, litigue presentative any application, said it carry out the purpoto insert into this insert into thin insert into this i	ation, or proceeding and all papers, ins wention and said Leases thereof. An at assignment the filin	romptly with all pertinent facts and may be known and accessible to prelating thereto and will promptly struments or affidavits required to etters Patent and said equivalents torney of record is authorized and g date and serial number of said			
ND the ASSIGNOR(s	S) requests the Commiss reissue or extension there	sioner of Patents of to the ASSIGNE	and Trademarks to E, The Regents of	issue said Letters Patent of the the University of California.			
xecuted this		Signature of					
day of	, 20	Marianna Ba	rboza				

J. Bruce German

Carlito Lebrilla

Samara Freeman

David Mills

PATENT REEL: 025748 FRAME: 0007

RECORDED: 02/04/2011

21 day of May, 20 10