503756080 03/28/2016

PATENT ASSIGNMENT COVER SHEET

Electronic Version v1.1 Stylesheet Version v1.2 EPAS ID: PAT3802726

SUBMISSION TYPE:	NEW ASSIGNMENT	
NATURE OF CONVEYANCE:	ASSIGNMENT	

CONVEYING PARTY DATA

Name	Execution Date
DANIEL R. BEACOM	09/16/2006
JEFFREY J. KOLSTAD	10/03/2006
DAVID H. REEDER	09/16/2006
BRIAN J. RUSH	09/25/2006

RECEIVING PARTY DATA

Name:	NATUREWORKS LLC
Street Address:	15305 MINNETONKA BOULEVARD
City:	MINNETONKA
State/Country:	MINNESOTA
Postal Code:	55345

PROPERTY NUMBERS Total: 1

Property Type	Number	
Application Number:	11547211	

CORRESPONDENCE DATA

Fax Number: (215)938-1982

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ATTORNEY DOCKET NUMBER:	070333US01
NAME OF SUBMITTER:	GARY C COHN
SIGNATURE:	/GARYCCOHN/
DATE SIGNED:	03/28/2016

Total Attachments: 3

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> **PATENT REEL: 038112 FRAME: 0378** 503756080

ASSIGNMENT OF INVENTION FROM INVENTOR(S)

I/we:

Daniel R. BEACOM, Jeffrey L. KOLSTAD, David H. REEDER and Brian J. RUSH

believe that I/we are the original and first inventor(s) of an invention described in an application for patent entitled:

PROCESS FOR FERMENTING SUGARS CONTAINING OLIGOMERIC SACCHARIDES

for which (mark all that apply)
X a PCT application was filed on 16 March 2005 as app. no. PCT/US05/008818
X a United States Provisional Application was filed on 31 March 2004 as app. no. 60/58,266
a United States nonprovisional Patent Application was filed on
an application for patent has been prepared for filing.
In consideration of the sum of One U. S. Dollar (\$1.00), the receipt of which is hereby acknowledged
and other good and valuable consideration, I/we hereby sell, assign and transfer to

NATUREWORKS LLC, A DELAWARE, USA LIMITED LIABILITY COMPANY 15305 Minnetonka Boulevard, Minnetonka, Minnesota 55345 United States of America

(hereinafter "ASSIGNEE"):

- (a) my/our entire right, title and interest in the invention throughout the world;
- (b) all rights and powers to make applications, including provisional applications, for Letters Patent for the invention in the name of ASSIGNEE or its designee or nominee(s) in any an all countries;
- (c) all rights and powers to file any corresponding or equivalent applications in any and all countries, including all rights to claim priority under all International Conventions(s) and Treaties in the name of ASSIGNEE;
- (d) all rights and powers to file in the name of ASSIGNEE or its designee any continuation, division, renewal, or substitute application thereof, and as to letters patent any reissue or re-examination thereof;
- (e) any and all Letters Patent that may be issued for the invention in the United States and its territorial possessions and any and all foreign countries.

NatureWorks Case No. 1170

PATENT REEL: 038112 FRAME: 0379 I/we hereby agree to execute such documents as may be necessary for ASSIGNEE or its successors, assigns or legal representatives to exercise the rights granted hereunder. I/we hereby agree to assist ASSIGNEE in the prosecution of any application(s) for Letters Patent for the invention and in any conflict, interference, opposition, reexamination, reissue or litigation which may arise involving the invention or any applications for patent or Letters Patent therefor.

I/we authorize ASSIGNEE to translate this Assignment into all languages as ASSIGNEE deems necessary, and I/we request that any Letters Patent be issued to ASSIGNEE. I/we consent to the recording of this Assignment or copy thereof.

I/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. I/we covenant that we have full power to make this Assignment and that we have not previously granted to any third party any right or license in or to the invention.

At: Minnetonka, Minnesota USA	At: Minnetonka, Minnesota USA
Date:	Date:
Signature: Journal 1. Journal	Signature:
Full Name: Daniel & Beacom	Full Name: Jeffrey K. Kolstad 34
Residence: 16993 76th Ave. N	Residence:16122 Ringer Ross
Maple Grove, MN 55311	Wayrata Mil VICTORIA RAVER
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VICTORIA RAVER	——————————————————————————————————————
Notary Public	
Minnesota	
At: My Commission Expires January 31, 2011	At: Minnetonka, Minnesota USA
Date:	Date: 1
Signature:	Signature: 1) van / lush 925/06
Full Name: David H. Reeder	Full Name: Brian J. Rush
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	VICTORIA RAVER
	ktoken been
Lawrence S. Fox, Secretary a	nd General Coursel Minnesota
Date: 2 49 - 06	My Commission Expires January 31, 2011

NatureWorks Case No. 1170

NOTARIAL CERTIFICATE

Before me this	19	_day of	September	
David Reeder, F	Brian Russ	(, Dan	Beacur	
				and who executed the foregoing
Assignment of Invention fr	om Inventors and	acknowle	dged to me that he	she executed the same of his/her
own free will for the purpos	e therein expresse	ed.		
i i				
			Retora	Ran
		Note	ry Dublia or Congr	los Offices

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REEL: 038112 FRAME: 0381

RECORDED: 03/28/2016