PATENT ASSIGNMENT COVER SHEET

Electronic Version v1.1 Stylesheet Version v1.2 EPAS ID: PAT8005076

SUBMISSION TYPE:	NEW ASSIGNMENT
NATURE OF CONVEYANCE:	ASSIGNMENT

CONVEYING PARTY DATA

Name	Execution Date
TIMOTHY WALTER ABRAHAM	03/17/2014
ERIK ALLEN	03/17/2014
ERIC CHRISTOPHER BOHNERT	03/24/2014
CHRISTOPHER LAWRENCE FRANK	03/17/2014
JOHN J. HAHN	03/17/2014
PARASKEVAS TSOBANAKIS	03/17/2014

RECEIVING PARTY DATA

Name:	CARGILL, INCORPORATED
Street Address:	15407 MCGINTY ROAD WEST
City:	WAYZATA
State/Country:	MINNESOTA
Postal Code:	55391

PROPERTY NUMBERS Total: 1

Property Type	Number
Application Number:	17649392

CORRESPONDENCE DATA

Fax Number: (952)742-6349

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.

Email:patent_docketing@cargill.comCorrespondent Name:CARGILL, INCORPORATEDAddress Line 1:15407 MCGINTY ROAD WEST

Address Line 2: MS24

Address Line 4: WAYZATA, MINNESOTA 55391

ATTORNEY DOCKET NUMBER:	N00216-US-CNT[3]
NAME OF SUBMITTER:	EMILY KUSS
SIGNATURE:	/Emily Kuss/
DATE SIGNED:	06/13/2023

Total Attachments: 8

PATENT REEL: 063940 FRAME: 0436

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PATENT REEL: 063940 FRAME: 0437

ASSIGNMENT - WORLDWIDE

This assignment, entered into with effect from March 14, 2014, is by and between each undersigned inventor (hereinafter referred to singly and collectively as "ASSIGNOR") and

Cargill, Incorporated 15407 McGinty Road West Wayzata, Minnesota 55391

(hereinafter referred to as "ASSIGNEE"). For good and valuable consideration, the receipt and sufficiency of which are hereby acknowledged, ASSIGNOR has sold, assigned, and transferred, and by these presents hereby sells, assigns, and transfers, effective December 20, 2013, unto 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

RECOVERY OF 3-HYDROXYPROPIONIC ACID

as set forth in PCT Application No. PCT/US2014/028745, filed March 14, 2014; and US Provisional Application No. 61/793,687, filed March 15, 2013,

as well as in and to (a) all improvements and modifications of the above-identified invention or inventions, (b) the above-identified application 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

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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 Cargill, Incorporated 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 Cargill, Incorporated do not personally represent ASSIGNOR OR ASSIGNOR's 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.

Executed this Masu, 2014.	-th-2
c Mixoscala	Thnothy Walter Abraham
State of Minnesotre County of Hennesotre State of Minnesotre State of	
On this // day of ///// and for said county, appeared Timothy Walter Abra	, 20 / before me, a notary public in
be the same person whose name is subscribed to the a acknowledged that he/she signed, sealed, and deliver	foregoing instrument, and he/she
voluntary act for the uses and purposes therein set for	
A MEURINANI F	Notary Public 9
	My Commission Expires: 1/3//20/6

	8 em
State of Mylresofa	Erik Allen
County of Hangier) ss.	
On this / 14 day of Macch	, 20 14, before me, a notary public in
and for said county, appeared <u>Erik Allen</u> , who person whose name is subscribed to the forego	o is personally known to me to be the same bing instrument, and he/she acknowledged that
he/she signed, sealed, and delivered the said in the uses and purposes therein set forth.	
A WELLET MICHO!	ENOTATE Public Public
	My Commission Expires: 1/31/6

Executed this 24 day of MayZh 2014.	FINT -
State of <u>Minne Sove</u>)	Eric Christopher Bohnert
On this 24 day of Way , 20 and for said county, appeared Eric Christopher Bohnert be the same person whose name is subscribed to the foreg acknowledged that he/she signed, sealed, and delivered the voluntary act for the uses and purposes therein set forth.	, who is personally known to me to oing instrument, and he/she
TAMMY KAY DOUGLAS NOTARY PUBLIC-MINNESOTA My Commission Expires Jan. 31, 2015	Notary Public My Commission Expires: 1/31/15

Executed this 17 day of MARCH, 2014	
· • · · · · · · · · · · · · · · · · · ·	Christopher Lawrence Frank
State of IIIIAALDUTA	
State of <u>MinneSota</u>) County of <u>HennePin</u>)	
On this 17 day of MUCh and for said county, appeared Christopher Lawrenc	, 20 /4, before me, a notary public in
to be the same person whose name is subscribed to the	
acknowledged that he/she signed, sealed, and delivere	
voluntary act for the uses and purposes therein set for	th.
	Solle Skolg Notary Public
(Seal)	My Commission Expires: 1/31/20/6

Executed this 17 day of March, 2014.
<u></u>
State of Minresofa
County of Henri fin)
On this
the uses and purposes therein set forth.
Notary Public

(Seal)

My Commission Expires: 1/3/2016

Executed this Harch, 20	<u>내</u> .
State of Minnes bta.	Paraskevas Tsobanakis
County of Headefus) ss.	
On thisday of	foregoing instrument, and he/she ivered the said instrument as his/her free and
AMEULE L. KROHÖ "T	Sold Shot of Shot are Public Shot are Public Shot are Public Shot of Shot are Public Shot of S
	My Commission Expires: 1/31/2011

(Seal)