506773815 07/19/2021

PATENT ASSIGNMENT COVER SHEET

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| 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: | 16601069 |

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.

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| ATTORNEY DOCKET NUMBER: | N00216-US-CNT[2] |
|-------------------------|------------------|
| NAME OF SUBMITTER: | EMILY KUSS |
| SIGNATURE: | /Emily Kuss/ |
| DATE SIGNED: | 07/19/2021 |

Total Attachments: 8

PATENT REEL: 056909 FRAME: 0154

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PATENT REEL: 056909 FRAME: 0155

ASSIGNMENT - WORLDWIDE

This assignment, entered into with effect from March 14, 2014, is by and between each undersigned inventor (bereinafter 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/US2014/028793, 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 Maru, 20 | * Word |
|--|---|
| a Million Colon | Timothy Walter Abraham |
| State of 1/11/1/18/20/18) | |
| State of Minnesota)ss. County of Hunific) | |
| On this 11th day of March | , 20 14, before me, a notary public in |
| and for said county, appeared Timothy Walter | Abraham, who is personally known to me to |
| be the same person whose name is subscribed to | |
| acknowledged that he/she signed, sealed, and de | |
| voluntary act for the uses and purposes therein se | et forth. |
| | Sold Wholey Notary Public |
| 1 Marchanian Estima January 31, 2018. | My Commission Expires: 1/31/2014 |

(Seal)

| Executed this 14 day of MACH , 20 | <u>u</u> |
|---|---|
| | O Pe- |
| State of Microsofta | Erik Allen |
| State of Mionesotta)ss. County of Manager) | |
| and for said county, appeared Erik Allen, who is | A * |
| person whose name is subscribed to the foregoing | • |
| he/she signed, scaled, and delivered the said instrate uses and purposes therein set forth. AMELLE L. KROHG Homeout Language 1, 2016 | Super tree and voluntary act for |
| | Notary Public My Commission Expires: 1/31/20/6 |
| (Seal) | |

| Executed this 24 day of March, 20/4 | L. ESU |
|--|--------------------------|
| State of Minnesota)ss. County of Rennepin | Eric Christopher Bohnert |

TAMMY KAY DOUGLAS NOTARY PUBLIC-MINNESOTA My Commission Expires Jan. 31, 2015

Notary Public 1/31/15

My Commission Expires: 1/31/15

| Executed this 1 1 day of MARCH, 2014. | |
|--|---|
| State of <u>Mirresota</u>) | Christopher Lawrence Frank |
| County of Heave () () ss. | |
| On thisday of | e Frank, who is personally known to me se foregoing instrument, and he/she ed the said instrument as his/her free and |
| AMELIE L KROKO Havy Prest Havy Prest AMELIE L KROKO Havy Prest Ha | Notary Public My Commission Expires: 4/31/2016 |

| Executed this 17 day of March, 20 | Ц. |
|---|--|
| | W.1- |
| State of Minnesota | John J. Hahn |
| County of Hangara)ss. | |
| On this 11th day of March | 20/4, before me, a notary public in |
| and for said county, appeared John J. Hahn, wh person whose name is subscribed to the foregoin | o is personally known to me to be the same |
| he/she signed, sealed, and delivered the said insti the uses and purposes therein set forth. | rument as his/her free and voluntary act for |
| 163 MALIET ROPE | Notary Public J |
| 4 N. J | My Commission Expires: 1/31/20/2 |

| Executed this 17 day of Mayou, 20 14. | |
|---|---|
| | Agril 1 |
| State of Minnesota | Paraskevas Tsobanakis |
| State of Minnsota)ss. County of Henry jun) | |
| On this /// day of ///// and for said county, appeared Paraskevas Tsobanakis, the same person whose name is subscribed to the forego acknowledged that he/she signed, sealed, and delivered voluntary act for the uses and purposes therein set forth | who is personally known to me to be ping instrument, and he/she the said instrument as his/her free and |
| (Seal) | Notary Public My Commission Expires: 1/31/2016 |

(Seal)