507621844 11/30/2022

PATENT ASSIGNMENT COVER SHEET

Electronic Version v1.1 Stylesheet Version v1.2 EPAS ID: PAT7668737

| SUBMISSION TYPE: | NEW ASSIGNMENT |
|-----------------------|----------------|
| NATURE OF CONVEYANCE: | ASSIGNMENT |

CONVEYING PARTY DATA

| Name | Execution Date |
|--------------------------|----------------|
| GAURAV SANT | 08/07/2019 |
| ZONGSU WEI | 12/13/2019 |
| BU WANG | 12/12/2019 |
| ERIKA CALLAGON LA PLANTE | 08/07/2019 |
| DANTE SIMONETTI | 08/02/2019 |

RECEIVING PARTY DATA

| Name: | THE REGENTS OF THE UNIVERSITY OF CALIFORNIA |
|-----------------|---|
| Street Address: | 1111 FRANKLIN STREET, TWELFTH FLOOR |
| City: | OAKLAND |
| State/Country: | CALIFORNIA |
| Postal Code: | 94607-5200 |

PROPERTY NUMBERS Total: 2

| Property Type | Number |
|---------------------|----------|
| Application Number: | 17187252 |
| Application Number: | 17888074 |

CORRESPONDENCE DATA

Fax Number: (617)832-7000

Correspondence will be sent to the e-mail address first; if that is unsuccessful, it will be sent

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Address Line 4: BOSTON, MASSACHUSETTS 02210-2600

| ATTORNEY DOCKET NUMBER: | UCH-29702 AND UCH29703 |
|-------------------------|------------------------|
| NAME OF SUBMITTER: | KAREN MAY |
| SIGNATURE: | /Karen May/ |
| DATE SIGNED: | 11/30/2022 |

Total Attachments: 4

PATENT REEL: 061922 FRAME: 0620

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source=UCH-29701Assignment#page4.tif

ASSIGNMENT

UC. Case No. 2018-345-2 (102352-0811)

For good and valuable consideration, the receipt of which is hereby acknowledged, ASSIGNOR(S),

Gaurav SANT, Zongsu WEI, Bu WANG, Erika Callagon LA PLANTE, Dante SIMONETTI

hereby sells, assigns and transfers to ASSIGNEE, The Regents of the University of California, a California Corporation, having its statewide administrative offices located at 1111 Franklin Street, Twelfth 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:

BUFFER-FREE PROCESS CYCLE FOR CO, SEQUESTRATION AND CARBONATE PRODUCTION FROM BRINE WASTE STREAMS WITH HIGH SALINITY

and which is found in

U.S. Patent Application No. 16/431,300, filed on June 4, 2019

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;

ASSIGNORGS) haveby agrees that no assignment, sale, agreement or encumbrance has been or will be made or entered into which would conflict with this assignment;

ASSIGNOB(S) further agrees 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 secressible to ASSIGNOB and will testify as to the same in any interference, post grant review, inter partes review, litigation, or proceeding relating thereto and will promptly execute and deliver to ASSIGNEE or its legal representative any and all papers, instruments or affairwise 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 filing 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.

| Inventor Name | Date Executed | Signature of Inventor(s) |
|--------------------------|---------------|--------------------------|
| Gauray SANT | 08/07/19 | |
| Zongsu WEI | | |
| Bu WANG | | |
| Erika Callagon LA PLANTE | 08/07/19 | 47, 77, |
| Dante SIMONETTI | | |

Assignce hereby accepts this Assignment:

Atteny for Applicant 2/3/20

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| Inventor Name | Date Executed | Signature of Inventor(s) | |
|--------------------------|---------------|--------------------------|--|
| Gaurav SANT | | | |
| Zongsu WEI | 12.13.2019 | Zongsu Wei | |
| Bu WANG | | | |
| Erika Callagon LA PLANTE | | | |
| Dante SIMONETTI | | | |

Assignee hereby accepts this Assignment:

Name Voy J. Wherein

HULLY AUT APOLIANT

2/2/24 Date

4836-3550-0953,1

ASSIGNMENT

UC. Case No. 2018-345-2 (102352-0811)

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| Inventor Name | Date Executed | Signature of Inventor(s) |
|--------------------------|---------------|--------------------------|
| Gauray SANT | | |
| Zongsu WEI | | |
| Bu WANG | 12/12/2019 | Pary |
| Erika Callagon LA PLANTE | | |
| Dante SIMONETTI | | |

Assignee hereby accepts this Assignment:

| / Mark J. Danielson / | Attorney for Applicant | 2/21/2020 |
|------------------------|------------------------|-----------|
| Name Mark J. Danielson | Title | Date |

4836-3550-0953.1

ASSIGNMENT.

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| Inventor Name | Date Executed | Signature of Inventor(s) |
|--------------------------|---------------|--------------------------|
| Gaurav SANT | | |
| Zongsu WEI | | |
| Bu WANG | | |
| Erika Callagon LA PLANTE | | • |
| Dante SIMONETTI | 9/2/201 | 9 Date Lit. |

Assignee hereby accepts this Assignment:

| / Mark J. Danielson / | | 2/21/2020 |
|-----------------------|-------|-----------|
| Name MILL J. DYNIESON | Title | Date |

4838-3550-0953.1