PATENT ASSIGNMENT COVER SHEET

Electronic Version v1.1 Stylesheet Version v1.2 EPAS ID: PAT4300488

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

CONVEYING PARTY DATA

| Name | Execution Date |
|-------------------|----------------|
| GENNERO DICATALDO | 03/01/2017 |
| SHANA L. BENDER | 03/01/2017 |
| JOSHUA D. CROW | 02/23/2017 |

RECEIVING PARTY DATA

| Name: | PHILLIPS 66 COMPANY | |
|-------------------|-------------------------------|--|
| Street Address: | P. O. BOX 4428 | |
| Internal Address: | INTELLECTUAL PROPERTY - LEGAL | |
| City: | HOUSTON | |
| State/Country: | TEXAS | |
| Postal Code: | 77210 | |

PROPERTY NUMBERS Total: 1

| Property Type | Number |
|---------------------|----------|
| Application Number: | 15438899 |

CORRESPONDENCE DATA

Fax Number: (832)765-9870

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.

Phone: 832-765-1248

Email: rsclegalpsxip@p66.com

Correspondent Name: PHILLIPS 66 COMPANY INTELLECTUAL PROPERT

Address Line 1: P. O. BOX 4428

Address Line 4: HOUSTON, TEXAS 77210

| ATTORNEY DOCKET NUMBER: | P66-00190US-A |
|-------------------------|--|
| NAME OF SUBMITTER: | KYLE W. SHERRILL, PH.D |
| SIGNATURE: | /Kyle W. Sherrill/ |
| DATE SIGNED: | 03/02/2017 |
| | This document serves as an Oath/Declaration (37 CFR 1.63). |

Total Attachments: 6

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PATENT REEL: 041445 FRAME: 0928

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> PATENT REEL: 041445 FRAME: 0929

Docket No.: P66-00190US-A

| _10 | Gennaro Dicataldo (inventor) declare that this declaration is directed to | | | |
|---|--|--|--|--|
| Х | United States Provisional Patent Application Serial No 62/298,827 filed 02/23/2016 | | | |
| | United States Non-Provisional Patent Application submitted herewith, Docket No | | | |
| Х | X United States Utility Patent Application Serial No. 15/438,899filed 02/22/2017 | | | |
| | International (PCT) Patent Application submitted herewith, Docket No | | | |
| | International (PCT) Patent Application Serial No filed | | | |
| | Prior Foreign Application No, Country, filed | | | |
| | Other (specify) | | | |
| Direct all correspondence to the address associated with Customer No 105261 Title of the Invention | | | | |
| | MICROORGANISM SUSTENANCE IN AN ACTIVATED SLUDGE UNIT | | | |

The above-identified application was made or authorized to be made by me

I believe that I am the original and first inventor or an original and first joint inventor of a claimed invention in the application

I have reviewed and understand the contents of the above-identified application, including the claims, as amended by any amendment specifically referred to above

I hereby declare that my residence, mailing address, and citizenship are as stated next to my name.

I acknowledge the duty to disclose to the United States Patent and Trademark Office all information known to me to be material to patentability as defined in 37 CFR 1 56, including for continuation-in-part applications, material information that became available between the filing date of the prior application date and any subsequent application

I hereby state that I have reviewed and understand the contents of the above-identified application, including the claims of said application. I have reviewed any claim to priority, and I have identified above any prior application number with day, month and year of filing, including any PCT international application designating at least one country other than the United States of America

WHEREAS, Phillips 66 Company (hereinafter referred to as "ASSIGNEE") having a place of business at 3010 Briarpark Drive, Houston, Texas 77042 USA, is desirous of acquiring the entire right, title and interest in and to said invention and in and to any Letters Patent that may be granted therefore in the United States and its territorial possessions and in any and all foreign countries;

Now, this indenture witnessed, that for good and valuable consideration, the receipt whereof is hereby acknowledged. I, by these presents do sell, assign and transfer unto said ASSIGNEE, the full and exclusive right to said invention in the United States and its territorial possessions and in all foreign countries (including the right to claim priority under the terms of the International Convention and other relevant International Treaties and Arrangements from the aforesaid application) and the entire right, title and interest in and to any and all Letters Patent which may be granted therefor in the United States and its territorial possessions and in any and all foreign countries and in and to any and all divisional, continuation, substitute, renewal and reissue applications thereof

I hereby authorize and request the Patent Office Officials in the United States and its territorial possessions and any and all foreign countries to issue any and all of said Letters Patent, when granted, to said ASSIGNEE as the assignee of my entire right, title and interest in and to the same, for the sole use and benefit of said ASSIGNEE, its successors and assign, to the full end of the term for which said Letters Patent may be granted, as fully and entirely as the same would have been held by me had this Assignment and sale not been made

Docket No.: P66-00190US-A

Further, I agree that I will communicate to said ASSIGNEE or its representatives any facts known to me respecting said invention, and testify in any legal proceeding, sign all lawful papers, execute all divisional, continuation, substitute, renewal and reissue applications, execute all necessary assignment papers to cause any and all of said Letters Patent to be issued to said ASSIGNEE, make all rightful oaths, and, generally do anything possible to aid said ASSIGNEE, its successors and assigns, to obtain and enforce proper protection for said invention in the United States and its territorial possessions and in any and all foreign countries

I declare under penalty of perjury under the laws of the United States of America that the foregoing is true and correct and further that these statements were made with the knowledge that willful false statements and the like so made are punishable by fine or imprisonment of not more than five (5) years, or both, under 18 U S C 1001 and that such willful false statements may jeopardize the validity of the application or any patent issued thereon

| Assignor | |
|---|--------------------------------|
| Inventor: Gennaro Dicataldo Residence: 2841 Brad | dock Rd, Bartlesville OK 74006 |
| Signature: Citizenship: USA | |
| | , |
| Notarization /5 [±] | |
| Executed this day of Javah in the year 2 | <u>017</u> |
| Executed this day of March in the year g | (State) |
| State of OKlahoma | |
| County of Was Mineston | |
| Before me personally appeared: Gennaro Dictaldo | |
| who acknowledged the foregoing instrument to be a free act and deed | and also represented that |
| he or she is authorized to execute the same this $\int_{-\infty}^{\infty} day day$ | March in the |
| year <u>2017</u> | |
| | / |
| _ Caressa L | ingerich |
| (Notary Public) | O |
| [SEAL] CARISSA GINGERICH | |
| Notary Public, State of Oklahoma Commission # 13002588 | |
| My Commission Expires March 17, 2017 | |
| | |
| | |
| My Commission Expires: | |
| 3-17-2017 | |
| | |
| | |
| Assignee | The second second |
| Phillips 66 Company hereby accepts assignment of the above reference | |
| Name: Phillips 66 Company Mailing Address. | • |
| Kyle W. Sherrill, Ph.D | |
| Patent Agent and Attorney-in-Fact P.O. Box 4428 | 55010 |
| Registration No. 62,130 Houston, Texas | |
| Phillips 66 Company United States of | America |

Docket No.: P66-00190US-A

| X United States Provisional Patent Application Ser | ration is directed to rial No. 62/298.82 | |
|--|---|---------------------------------------|
| United States Non-Provisional Patent Application | | |
| X United States Utility Patent Application Serial No | | · · · · · · · · · · · · · · · · · · · |
| International (PCT) Patent Application submitted | I herewith, Docket | No.: |
| International (PCT) Patent Application Serial No. | | filed |
| Prior Foreign Application No.: | , Country | _, filed |
| Other (specify) | | |

Title of the Invention

MICROORGANISM SUSTENANCE IN AN ACTIVATED SLUDGE UNIT

The above-identified application was made or authorized to be made by me.

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Now, this indenture witnessed, that for good and valuable consideration, the receipt whereof is hereby acknowledged: I, by these presents do sell, assign and transfer unto said ASSIGNEE, the full and exclusive right to said invention in the United States and its territorial possessions and in all foreign countries (including the right to claim priority under the terms of the International Convention and other relevant International Treaties and Arrangements from the aforesaid application) and the entire right, title and interest in and to any and all Letters Patent which may be granted therefor in the United States and its territorial possessions and in any and all foreign countries and in and to any and all divisional, continuation, substitute, renewal and reissue applications thereof.

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Docket No.: P66-00190US-A

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I declare under penalty of perjury under the laws of the United States of America that the foregoing is true and correct and further that these statements were made with the knowledge that willful false statements and the like so made are punishable by fine or imprisonment of not more than five (5) years, or both, under 18 U.S.C. 1001 and that such willful false statements may jeopardize the validity of the application or any patent issued thereon.

| Assignor | | | |
|--|------------------------|--|----------------------|
| Inventor: Shana L. Bender | Residence: 1343 | S Cherobec 1 | Aue Brithesville, OK |
| Signature: Shana & Bendes | Citizenship: <u>WM</u> | Date: | 3-1-17 |
| Notarization Executed this State of OK In January County of Washington | city) <u>Oklohov</u> | A. | _(State) |
| Before me personally appeared: | | <u>ider </u> | |
| who acknowledged the foregoing instru | | | |
| he or she is authorized to execute the sa year QAII | me thisa | ay of <u>IV sirch</u> | in the |
| [SEAL] CARISSA GINGERICH Notary Public, State of Oklahor Commission # 13002588 My Commission Expires March 17, 2 | ma | Public) | |
| My Commission Expires: | | | |
| Murch 17, 2017 | | | |
| Assignee Phillips 66 Company hereby accepts ass Name: Phillips 66 Company Kyle W. Sherrill, Ph.D | 75.7 | e referenced paten Address: | it application. |
| Patent Agent and Attorney-in-Fact | P.O. Bo | x 4428 | |
| Registration No. 62,130 | | n, Texas 77210 | |
| Phillips 66 Company | | States of America | E |

Docket No.: P66-00190US-A

| | ı-Provisional Patent Appı ty Patent Application Sei | | |
|--------------------|--|-----------|-------|
| |) Patent Application sub | | |
| International (PC1 |) Patent Application Sen | ial No | filed |
| Prior Foreign Appl | lication No.: | , Country | filed |
| Other (specify) | | | |

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| Assignor | aria a a a a a a a a a a a a a a a a a a |
|---|--|
| Inventor: Joshua D. Crow | Residence: 3613 Dana Or, Bartlesule, OK 74006 |
| Signature: Joshu O. Commercial | Citizenship: Ux ded StateS Date: 1 / 23 / 2017 |
| Notarization Executed this 25 day of 50 to 1 to | wayo in the year <u>2017</u> hity) <u>OK a Nowa</u> (State) |
| [SE CARISSA GINGERICH Notary Public, State of Oklahoma Commission # 13002588 My Commission Expires March 17, 2017 | (Notary Edition) |
| My Commission Expires: | |
| Assignee | |
| | ignment of the above referenced patent application. |
| Name: Phillips 66 Company | Mailing Address: |
| Kyle W. Sherrill, Ph.D | 35.25 . 75 8.30 G |
| Patent Agent and Attorney-in-Fact | P.O. Box 4428 |
| Registration No. 62,130 | Houston, Texas 77210 |
| Phillips 66 Company | United States of America |

Page 2 of 2

RECORDED: 03/02/2017