

PATENT ASSIGNMENT COVER SHEET

Electronic Version v1.1
Stylesheet Version v1.2

EPAS ID: PAT3030399

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|---|----------------------------|
| SUBMISSION TYPE: | NEW ASSIGNMENT |
| NATURE OF CONVEYANCE: | ASSIGNMENT |
| CONVEYING PARTY DATA | |
| Name | Execution Date |
| YVONNE SCHIEMANN | 07/02/2014 |
| LIV REINECKE | 06/29/2014 |
| THOMAS HAAS | 06/30/2014 |
| DRIK WEUSTER-BOTZ | 06/30/2014 |
| KRISPIN, HARALD AS REPRESENTED BY HEIR, KRISPIN, WILHELM | 08/19/2014 |
| KRISPIN, HARALD AS REPRESENTED BY HEIR, KRISPIN, MONIKA JOHANNA | 08/19/2014 |
| RECEIVING PARTY DATA | |
| Name: | Evonik Industries AG |
| Street Address: | Rellinghauser Strasse 1-11 |
| City: | Essen |
| State/Country: | Germany |
| Postal Code: | 45128 |
| PROPERTY NUMBERS Total: 1 | |
| Property Type | Number |
| Application Number: | 14380483 |
| CORRESPONDENCE DATA | |
| Fax Number: | (703)413-2220 |
| <i>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.</i> | |
| Phone: | (703) 413-3000 |
| Email: | Gtesfaye@oblon.com |
| Correspondent Name: | OBLON, SPIVAK, ET AL. |
| Address Line 1: | 1940 DUKE STREET |
| Address Line 4: | ALEXANDRIA, VIRGINIA 22314 |
| ATTORNEY DOCKET NUMBER: | 438854US99PCT |
| NAME OF SUBMITTER: | GENET TESFAYE |
| SIGNATURE: | /Genet Tesfaye/ |
| DATE SIGNED: | 09/19/2014 |
| This document serves as an Oath/Declaration (37 CFR 1.63). | |
| Total Attachments: 6 | |

PATENT

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**DECLARATION (37 CFR 1.63) FOR UTILITY OR DESIGN APPLICATION USING AN
APPLICATION DATA SHEET (37 CFR 1.76) AND ASSIGNMENT FOR SINGLE ASSIGNEE**

| | |
|--|--|
| Title of Invention | Biotechnological method for producing butanol and butyric acid |
| As the below named inventor, I hereby declare that: | |
| This declaration <input type="checkbox"/> The attached application, or is directed to: <input checked="" type="checkbox"/> United States application or PCT international application number <u>PCT/EP2013/053523</u> filed on <u>22. Februar 2013</u> . | |
| The above-identified application was made or authorized to be made by me. | |
| I believe that I am the original inventor or an original joint inventor of a claimed invention in the application. | |
| WHEREAS, <u>Evonik Industries AG</u> (hereinafter referred to as "ASSIGNEE") having places of business at: <u>Essen, Germany</u> , 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, THEREFORE, in consideration of the sum of FIVE DOLLARS (\$5.00), the receipt whereof is hereby acknowledged, and for other good and valuable consideration, I, by these presents do sell, assign and transfer unto said ASSIGNEE, the full and exclusive right to the 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 divisions, reissues, continuations, substitutions and renewals 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 behoof of said ASSIGNEE, its (his) successors and assigns, 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. | |
| Further, I agree that I will communicate to said ASSIGNEE or its (his) 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 everything possible to aid said ASSIGNEE, its (his) 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 hereby acknowledge that any willful false statement made in this declaration is punishable under 18 U.S.C. 1001 by fine or imprisonment of not more than five (5) years, or both. | |
| LEGAL NAME OF INVENTOR | |
| Inventor: <u>Yvonne Schiemann</u> | Date: <u>2.7.14</u> |
| Signature: <u><i>Y. Schiemann</i></u> | |

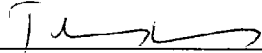
OBLON, SPIVAK, McCLELLAND, MAIER & NEUSTADT, L.L.P.
 ATTORNEYS AT LAW
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| LEGAL NAME OF INVENTOR | |
| Inventor: <u>Liv Reinecke</u> | Date: <u>X 29.06.14</u> |
| Signature: <u>X L. Reinecke</u> | |

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| <p>LEGAL NAME OF INVENTOR</p> <p>Inventor: <u>Thomas Haas</u> Date: <u>X 30. 6. 14</u></p> <p>Signature: <u>X </u></p> | |

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Title of Invention Biotechnological method for producing butanol and butyric acid

As the below named inventor, I hereby declare that:

This declaration The attached application, or

is directed to: United States application or PCT international application number PCT/EP2013/053523
filed on 22. Februar 2013

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

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

WHEREAS, Evonik Industries AG
(hereinafter referred to as "ASSIGNEE") having places of business at: Essen, Germany, 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;

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LEGAL NAME OF INVENTOR

Inventor: Dirk Weuster-Botz Date: X JUNE 30, 2014

Signature: X [Handwritten Signature]

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Further, I (WE) agree that I (WE) will communicate to said ASSIGNEE or its (his) representatives any facts known to me (us) 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 everything possible to aid said ASSIGNEE, its (his) 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.


The undersigned hereby grant(s) the firm of Oblon, Spivak, McClelland, Maier & Neustadt, L.L.P. of 1940 Duke Street, Alexandria, Virginia 22314 the power to insert on this assignment any further identification, including the application number and filing date, which may be necessary or desirable in order to comply with the rules of the United States Patent and Trademark Office for recordation of this document.

Date: X 19.08.2014



(Signature of Inventor) Wilhelm KRISPIN
(Heir of Harald KRISPIN- Deceased)

Date: > 19, 08. 2014



(Signature of Inventor) Monika Johanna KRISPIN
(Heiress of Harald KRISPIN-Deceased)

Date: _____

(Signature of Inventor)

Date: _____

(Signature of Inventor)

Date: _____

(Signature of Inventor)

Date: _____

(Signature of Inventor)

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