503769708 04/05/2016

PATENT ASSIGNMENT COVER SHEET

Electronic Version v1.1 Stylesheet Version v1.2 EPAS ID: PAT3816352

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

CONVEYING PARTY DATA

| Name | Execution Date |
|----------------|----------------|
| HARALD DIETL | 11/03/2014 |
| BAYRAM AYDIN | 11/03/2014 |
| STEFAN DAMBACH | 11/03/2014 |

RECEIVING PARTY DATA

| Name: | BASF SE |
|-----------------|--------------|
| Street Address: | |
| City: | Ludwigshafen |
| State/Country: | Germany |
| Postal Code: | 67056 |

PROPERTY NUMBERS Total: 1

| Property Type | Number |
|---------------------|----------|
| Application Number: | 15027386 |

CORRESPONDENCE DATA

Fax Number: (703)413-2220

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: (703) 413-3000

Email: rsheldon@oblon.com
Correspondent Name: OBLON, ET AL.

Address Line 1: 1940 DUKE STREET

Address Line 4: ALEXANDRIA, VIRGINIA 22314

| ATTORNEY DOCKET NUMBER: | 469029US99PCT |
|-------------------------|--|
| NAME OF SUBMITTER: | RYAN SHELDON |
| SIGNATURE: | /Ryan Sheldon/ |
| DATE SIGNED: | 04/05/2016 |
| | This document serves as an Oath/Declaration (37 CFR 1.63). |

Total Attachments: 3

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PATENT 503769708 REEL: 038196 FRAME: 0929

DECLARATION (37 CFR 1.63) FOR UTILITY OR DESIGN APPLICATION USING AN APPLICATION DATA SHEET (37 CFR 1. 76) AND ASSIGNMENT

| Invention | |
|---|--|
| As the below n | amed inventor, I hereby declare that: |
| This declaratio | n [] The attached application, or |
| is directed to: | [X] United States application or PCT international application number PCT/EP2014/071539 filed on 08th October 2014 |
| The above-ider | ntified 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. |
| (hereinafter rei | SF SE_having places of business at: 67056 Ludwigshafen, Germany, ferred to as "ASSIGNEE(S)") |
| is desirous of a that may be g countries; | acquiring the entire right, title and interest in and to said invention and in and to any Letters Patent ranted therefore in the United States and its territorial possessions and in any and all foreign |
| the said inventi- to claim priority Arrangements in Patent which m | REFORE, for good and valuable consideration the receipt and sufficiency of which is hereby I, by these presents do assign and transfer unto said ASSIGNEE(S), the full and exclusive right to on in the United States and its territorial possessions and in all foreign countries (including the right under the terms of the International Convention and other relevant International Treaties and from the aforesaid application) and the entire right, title and interest in and to any and all Letters ay be granted therefor in the United States and its territorial possessions and in any and all foreign and to any and all divisions, reissues, continuations, substitutions and renewals thereof. |
| the assignee of ASSIGNEE(S), | norize and request the Patent Office Officials in the United States and its territorial possessions and sign countries to issue any and all of said Letters Patent, when granted, to said ASSIGNEE(S) as if my entire right, title and interest in and to the same, for the sole use and behoof of said its (his) successors and assigns, to the full end of the term for which said Letters Patent may be and entirely as the same would have been held by me had this Assignment and sale not been |
| respecting said continuation, su and all of said everything poss | ree that I will communicate to said ASSIGNEE(S) or its (his) representatives any facts known to me invention, and testify in any legal proceeding, sign all lawful papers, execute all divisional, bstitute, renewal and reissue applications, execute all necessary assignment papers to cause any Letters Patent to be issued to said ASSIGNEE(S), make all rightful caths, and, generally do tible to aid said ASSIGNEE(S), its (his) successors and assigns, to obtain and enforce proper aid invention in the United States and its territorial possessions and in any and all foreign countries. |
| I hereby ack 1001 by fine or i | nowledge that any willful false statement made in this declaration is punishable under 18 U.S.C. mprisonment of not more than five (5) years, or both. |
| LEGAL NAME C | OF INVENTOR |
| Inventor: Hara | ald Dietl Date <u>03-//- 2.014</u> |
| Signature: <u>/</u> | <u></u> |

DECLARATION (37 CFR 1.63) FOR UTILITY OR DESIGN APPLICATION USING AN APPLICATION DATA SHEET (37 CFR 1. 76) AND ASSIGNMENT

| little of | |
|---|---|
| Invention | |
| As the below n | amed inventor, I hereby declare that: |
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| is directed to: | [X] United States application or PCT international application number PCT/EP2014/071539 filed on 08th October 2014 |
| The above-ide | ntified 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. |
| (hereinafter re | ASF SE_having places of business at: 67056 Ludwigshafen, Germany, ferred to as "ASSIGNEE(S)") |
| is desirous of a that may be g countries; | acquiring the entire right, title and interest in and to said invention and in and to any Letters Patent ranted therefore in the United States and its territorial possessions and in any and all foreign |
| acknowledged, the said inventi to claim priorit Arrangements Patent which m | REFORE, for good and valuable consideration the receipt and sufficiency of which is hereby I, by these presents do assign and transfer unto said ASSIGNEE(S), the full and exclusive right to on in the United States and its territorial possessions and in all foreign countries (including the right y under the terms of the International Convention and other relevant International Treaties and from the aforesaid application) and the entire right, title and interest in and to any and all Letters any be granted therefor in the United States and its territorial possessions and in any and all foreign and to any and all divisions, reissues, continuations, substitutions and renewals thereof. |
| the assignee of ASSIGNEE(S), | horize and request the Patent Office Officials in the United States and its territorial possessions and eign countries to issue any and all of said Letters Patent, when granted, to said ASSIGNEE(S) as if my entire right, title and interest in and to the same, for the sole use and behoof of said its (his) successors and assigns, to the full end of the term for which said Letters Patent may be and entirely as the same would have been held by me had this Assignment and saie not been |
| respecting said continuation, su and all of said everything poss | ree that I will communicate to said ASSIGNEE(S) or its (his) representatives any facts known to me invention, and testify in any legal proceeding, sign all lawful papers, execute all divisional, bstitute, renewal and reissue applications, execute all necessary assignment papers to cause any Letters Patent to be issued to said ASSIGNEE(S), make all rightful caths, and, generally do sible to aid said ASSIGNEE(S), its (his) successors and assigns, to obtain and enforce proper id invention in the United States and its territorial possessions and in any and all foreign countries. |
| I hereby ack 1001 by fine or i | nowledge that any willful false statement made in this declaration is punishable under 18 U.S.C. mprisonment of not more than five (5) years, or both. |
| LEGAL NAME C | OF INVENTOR |
| Inventor: Bay | ram Aydin Date: <u>03. 44 - 2014</u> |
| Signature: <u>B</u> | ayran Agdin |

PA₩EN™: REEL: 038196 FRAME: 0931

DECLARATION (37 CFR 1.63) FOR UTILITY OR DESIGN APPLICATION USING AN APPLICATION DATA SHEET (37 CFR 1. 76) AND ASSIGNMENT

| Title of Invention | |
|---|--|
| As the below n | amed inventor, I hereby declare that: |
| This declaratio | n [] The attached application, or |
| is directed to: | [X] United States application or PCT international application number PCT/EP2014/071539 filed on 08th October 2014 |
| The above-ider | ntified 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. |
| (hereinafter re | SF SE having places of business at: 67056 Ludwigshafen, Germany, ierred to as "ASSIGNEE(S)") icquiring the entire right, title and interest in and to said invention and in and to any Letters Patent |
| that may be g countries; | ranted therefore in the United States and its territorial possessions and in any and all foreign |
| acknowledged, the said inventi to claim priorit Arrangements Patent which m | REFORE, for good and valuable consideration the receipt and sufficiency of which is hereby I, by these presents do assign and transfer unto said ASSIGNEE(S), the full and exclusive right to on in the United States and its territorial possessions and in all foreign countries (including the right under the terms of the International Convention and other relevant International Treaties and from the aforesaid application) and the entire right, title and interest in and to any and all Letters ay be granted therefor in the United States and its territorial possessions and in any and all foreign and to any and all divisions, reissues, continuations, substitutions and renewals thereof. |
| any and all fore the assignee of ASSIGNEE(S), | norize and request the Patent Office Officials in the United States and its territorial possessions and aign countries to issue any and all of said Letters Patent, when granted, to said ASSIGNEE(S) as if my entire right, title and interest in and to the same, for the sole use and behoof of said its (his) successors and assigns, to the full end of the term for which said Letters Patent may be and entirely as the same would have been held by me had this Assignment and sale not been |
| respecting said continuation, su and all of said everything poss | ree that I will communicate to said ASSIGNEE(S) or its (his) representatives any facts known to me invention, and testify in any legal proceeding, sign all lawful papers, execute all divisional, bstitute, renewal and reissue applications, execute all necessary assignment papers to cause any Letters Patent to be issued to said ASSIGNEE(S), make all rightful oaths, and, generally do sible to aid said ASSIGNEE(S), its (his) successors and assigns, to obtain and enforce proper sid invention in the United States and its territorial possessions and in any and all foreign countries. |
| | nowledge that any willful false statement made in this declaration is punishable under 18 U.S.C. imprisonment of not more than five (5) years, or both. |
| LEGAL NAME OF INVENTOR | |
| Inventor: Stel | an Dambach Date: <u>03.41.201</u> 4 |
| Signature: | Hefor Cambail |

PA师臣N师⁽²⁾ REEL: 038196 FRAME: 0932

RECORDED: 04/05/2016