01/03/2020 505845241

PATENT ASSIGNMENT COVER SHEET

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

CONVEYING PARTY DATA

| Name | Execution Date |
|----------------------|----------------|
| AMIR PARHAM | 10/21/2019 |
| JONAS KROEBER | 10/22/2019 |
| TOBIAS GROSSMANN | 10/28/2019 |
| ANJA JATSCH | 11/06/2019 |
| CHRISTIAN EICKHOFF | 11/04/2019 |
| CHRISTIAN EHRENREICH | 11/04/2019 |

RECEIVING PARTY DATA

| Name: | MERCK PATENT GMBH |
|-----------------|-------------------------|
| Street Address: | FRANKFURTER STRASSE 250 |
| City: | DARMSTADT |
| State/Country: | GERMANY |
| Postal Code: | 64293 |

PROPERTY NUMBERS Total: 1

| Property Type | Number |
|---------------------|----------|
| Application Number: | 16628280 |

CORRESPONDENCE DATA

Fax Number: (302)351-6938

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: 3024674261

Email: peter.kim@dbr.com

DRINKER BIDDLE & REATH LLP Correspondent Name:

222 DELAWARE AVENUE Address Line 1:

Address Line 2: STE. 1410

Address Line 4: WILMINGTON, DELAWARE 19801-1621

| ATTORNEY DOCKET NUMBER: | 074025-0621-US-594757 |
|-------------------------|-----------------------|
| NAME OF SUBMITTER: | ASHLEY I. PEZZNER |
| SIGNATURE: | /Ashley I. Pezzner/ |
| DATE SIGNED: | 01/03/2020 |

PATENT REEL: 051406 FRAME: 0410 505845241

Total Attachments: 6 source=Inventor_AssignmentDeclarations#page1.tif source=Inventor_AssignmentDeclarations#page2.tif source=Inventor_AssignmentDeclarations#page3.tif

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PATENT REEL: 051406 FRAME: 0411

| DECLARATION (37 CFR 1.63) FOR UTILITY OR DESIGN APPLICATION USING AN APPLICATION DATA SHEET (37 CFR 1. 76) AND ASSIGNMENT | | |
|--|--|--|
| Title of COMPOSITION FOR ORGANIC ELE | | |
| As the below named Inventor, I hereby declare that: | | |
| This declaration [] The attached application, or | | |
| is directed to: [x] United States application or PCT inter PCT/EP2018/067732, filed on 02.07.20 | | |
| 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 inven | tor of a claimed invention in the application. | |
| WHEREAS, Merck Patent GmbH having a place of business at: Frankfurter Strasse 250, 64293 Darmstadt, Germany | | |
| (hereinafter referred to as "ASSIGNEE(S)") 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, for good and valuable consideration the receipt and sufficiency of which is hereby acknowledged, I, by these presents do assign and transfer unto said ASSIGNEE(S), 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(S) as the assignee of my entire right, title and interest in and to the same, for the sole use and behoof of said ASSIGNEE(S), 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(S) 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(S), make all rightful oaths, and, generally do everything possible to aid said ASSIGNEE(S), 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, Amir PARHAM | Date: 21,10,2019 | |
| | | |

Signature:

| DECLARATION (37 CFR 1.63) FOR UTILITY OR DESIGN APPLICATION USING AN APPLICATION DATA SHEET (37 CFR 1. 76) AND ASSIGNMENT | | | |
|--|--|--|--|
| Title of Invention | COMPOSITION FOR ORGANIC ELEC | TONIC DEVICES | |
| As the below r | named Inventor, I hereby declare that: | | |
| This declaratio | n [] The attached application, or | | |
| is directed to: | | | |
| The above-ide | ntified application was made or authorized to be m | ade by me. | |
| I believe that I | am the original inventor or an original joint inventor | r of a claimed invention in the application. | |
| WHEREAS, M Darmstadt, Ge | lerck Patent GmbH having a place of business at: ermany | Frankfurter Strasse 250, 64293 | |
| (hereinafter referred to as "ASSIGNEE(S)") 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, for good and valuable consideration the receipt and sufficiency of which is hereby acknowledged, I, by these presents do assign and transfer unto said ASSIGNEE(S), 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(S) as the assignee of my entire right, title and interest in and to the same, for the sole use and behoof of said ASSIGNEE(S), 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. | | | |
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| 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: Jona | s KROEBER | Date: 27, 10,119 | |
| | | | |

Signature:

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

Title of Invention COMPOSITION FOR ORGANIC ELECTONIC DEVICES

As the below named Inventor, I hereby declare that:

This declaration

[] The attached application, or

is directed to:

[x] United States application or PCT international application number

PCT/EP2018/067732, filed on 02.07.2018, 2018.

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, Merck Patent GmbH having a place of business at: Frankfurter Strasse 250, 64293 Darmstadt, Germany

(hereinafter referred to as "ASSIGNEE(S)")

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, for good and valuable consideration the receipt and sufficiency of which is hereby acknowledged, I, by these presents do assign and transfer unto said ASSIGNEE(S), 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(S) as the assignee of my entire right, title and interest in and to the same, for the sole use and behoof of said ASSIGNEE(S), 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.

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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: Tobias GROSSMANN

Date: 2019-10-28

Signature:

| DECLARATION (37 CFR 1.63) FOR UTILITY OR DESIGN APPLICATION USING AN APPLICATION DATA SHEET (37 CFR 1. 76) AND ASSIGNMENT | | |
|--|--|--|
| Title of COMPOSITION FOR ORGANIC ELECTRONIC DEVICES | | |
| As the below named Inventor, I hereby declare that: | | |
| This declaration [] The attached application, or | | |
| is directed to: [x] United States application or PCT international application number PCT/EP2018/067732, filed on 02.07.2018. | | |
| The above-identified application was made or authorized to be m | nade by me. | |
| I believe that I am the original inventor or an original joint inventor | r of a claimed invention in the application. | |
| WHEREAS, Merck Patent GmbH having a place of business at: Frankfurter Strasse 250, 64293 Darmstadt, Germany | | |
| (hereinafter referred to as "ASSIGNEE(S)") 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, for good and valuable consideration the receipt and sufficiency of which is hereby acknowledged, i, by these presents do assign and transfer unto said ASSIGNEE(S), 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. | | |
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| 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: Anja JATSCH | Date: (-///-//) | |
| Signature: | | |

| DECLARATION (37 CFR 1.63) FOR UTILITY OR DESIGN APPLICATION USING AN | | |
|--|---|--|
| APPLICATION DATA SHEET (37 CFR 1. 76) AND ASSIGNMENT Title of COMPOSITION FOR ORGANIC ELECTONIC DEVICES | | |
| Invention | OWINGSHION FOR ORGANIC ELEC | IONIO DEVICES |
| As the below name | ed Inventor, I hereby declare that: | |
| This declaration | [] The attached application, or | |
| is directed to: [x] United States application or PCT international application number PCT/EP2018/067732, filed on 02.07.2018, 2018. | | |
| The above-identifie | ed application was made or authorized to be ma | ade by me. |
| I believe that I am t | the original inventor or an original joint inventor | of a claimed invention in the application. |
| WHEREAS, Merck Patent GmbH having a place of business at: Frankfurter Strasse 250, 64293 Darmstadt, Germany | | |
| (hereinafter referred to as "ASSIGNEE(S)") 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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| 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: Christian | EICKHOFF | Date: 4-71, 2019 |
| | | |
| | | |

DECLARATION (37 CFR 1.63) FOR UTILITY OR DESIGN APPLICATION USING AN APPLICATION DATA SHEET (37 CFR 1. 76) AND ASSIGNMENT COMPOSITION FOR ORGANIC ELECTONIC DEVICES Title of Invention As the below named Inventor, I hereby declare that: This declaration [] The attached application, or [x] United States application or PCT international application number is directed to: PCT/EP2018/067732, filed on 02.07.2018, 2018. 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, Merck Patent GmbH having a place of business at: Frankfurter Strasse 250, 64293 Darmstadt, Germany (hereinafter referred to as "ASSIGNEE(S)") 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, for good and valuable consideration the receipt and sufficiency of which is hereby acknowledged, I, by these presents do assign and transfer unto said ASSIGNEE(S), 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(S) as the assignee of my entire right, title and interest in and to the same, for the sole use and behoof of said ASSIGNEE(S), 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(S) 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(S). make all rightful oaths, and, generally do everything possible to aid said ASSIGNEE(S), 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 Date: OU. M. Zong Inventor: Christian EHRENREICH O. Deki

93229583.1

Signature:

PATENT REEL: 051406 FRAME: 0417