505262036 01/04/2019

PATENT ASSIGNMENT COVER SHEET

Electronic Version v1.1 Stylesheet Version v1.2 EPAS ID: PAT5308808

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

CONVEYING PARTY DATA

| Name | Execution Date |
|------------|----------------|
| JENS FLORE | 09/06/2018 |

RECEIVING PARTY DATA

| Name: | BASF ANTWERPEN N.V. |
|-----------------|---------------------|
| Street Address: | SCHELDELAAN 600 |
| City: | ANTWERPEN |
| State/Country: | BELGIUM |
| Postal Code: | 2040 |

PROPERTY NUMBERS Total: 1

| Property Type | Number |
|---------------------|----------|
| Application Number: | 16081501 |

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: 302-467-4200

Email: Amy.Hamm@DBR.com
Correspondent Name: ASHLEY I. PEZZNER

Address Line 1: DRINKER BIDDLE & REATH LLP

Address Line 2: 222 DELAWARE AVE.

Address Line 4: WILMINGTON, DELAWARE 19801

| ATTORNEY DOCKET NUMBER: | 219767-0001-US-582413 |
|-------------------------|-----------------------|
| NAME OF SUBMITTER: | ASHLEY I. PEZZNER |
| SIGNATURE: | /Ashley I. Pezzner/ |
| DATE SIGNED: | 01/04/2019 |

Total Attachments: 4

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PATENT 505262036 REEL: 047899 FRAME: 0746

Individual Assignment

(including Assignment of Priority Rights)

The undersigned (hereinafter collectively referred to as "Assignor") has invented an invention as disclosed in the application(s)

| Country | Application No. | Filing Date |
|-----------------------------|-------------------|-------------|
| European Patent | 16164921.5 | 12 Apr 2016 |
| PCT | PCT/EP2017/058850 | 12 Apr 2017 |
| Gulf Cooperation Council | GCC/P/2017/33193 | 10 Apr 2017 |

(hereinafter collectively referred to as "Application(s)").

I do hereby authorize Assignee or its designee to insert here any further identification(s), including Application Number(s), Filing Date(s), and Filing Country(ies).

As the below named inventor(s), I hereby declare that the above-identified Application(s) 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.

NOW, THEREFORE, for good and valuable consideration, the receipt and adequacy of which is hereby acknowledged, Assignor hereby confirms that Assignor already did, or agrees to and hereby does, assign and transfer unto BASF Antwerpen N.V., Scheldelaan 600, 2040 Antwerpen, Belgium (hereinafter referred to as "Assignee") and its successors in interest and assignees, the full and exclusive right, title, and interest, throughout the world, including (i) the right to claim priority under the laws of any country, the Paris Convention, and the Patent Cooperation Treaty to the Application(s), (ii) in and to the invention as described in the Application(s) and the Application(s) itself, and (iii) in and to all divisions, continuations, and continuations-in-part, or other applications claiming priority directly or indirectly from the Application(s) and all Letters Patent, utility models, industrial designs, petty patents, design registrations, copyrights, and legal equivalents thereof that may be granted for the invention, and (iv) all reissues, reexaminations and extensions thereof, these and the full and exclusive right, title, and interest to be held and enjoyed by Assignee to the full end of the term for which the Letters Patent are granted and any extensions thereof as fully and entirely as the same would have been held by Assignor had the assignment and sale not been made, and the right to sue for, and recover for past infringements of, or liabilities for, any of the rights relating to any of the applications or patents, utility models, industrial designs, petty patents, design registrations, copyrights, and legal equivalents thereof resulting therefrom.

I do hereby agree to assist Assignee in the prosecution of the application(s) and in any interference, conflict, opposition or litigation which may arise involving the invention or the patent or patents thereon, and to execute for any and all countries any document relating to applications

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0000078665WO01 RecID 85181080

derived from, corresponding to or equivalent to the above identified application as Assignee may request.

I authorize Assignee or its designee to translate this Assignment into all languages necessary; and we request that such Letters Patent be issued to Assignee; and consent to the recordal of this Assignment, or Notarial True Copy thereof, being under covenant not only that I have full power to make the same, but also that such assigned rights are not encumbered by any grant, license, or other right heretofore given.

(Signature page(s) follow(s))

PATENT REEL: 047899 FRAME: 0748 Subscribed and Declared by: Inventor: FLORE, Jens

(City)

(day, month, year)

Signature: ORE, Jens

Name: FLORE, Jens

Scheldelaan 600, 2040 Antwerpen Address:

Country: Belgium Nationality: Belgium

Assignee Acceptance

Employer, the Assignee: BASF Antwerpen N.V.

hereby accepts the Assignment

from, the Assignor

FLORE, Jens

of the invention as disclosed in the following application(s):

 Country
 Application No.
 Filing Date

 European Patent
 16164921.5
 12 Apr 2016

 PCT
 PCT/EP2017/058850
 12 Apr 2017

 Gulf Cooperation
 GCC/P/2017/33193
 10 Apr 2017

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without any restrictions and with all rights and obligations deriving therefrom and declare that this confirmation of acceptance shall deemed a part of said Assignment.

Signed and accepted at Antwerpen

this 24th day of September, 2018

BASF Antwerpen N.V.

1. NAME / TITLE: Wouter De Geest

President of the

Management Committee

SIGNATURE:

(Authorized Representative)

2. NAME / TITLE: Bernd Brian

Member of the

Management Committee

SIGNATURE:

(Authorized Representative)

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RECORDED: 01/04/2019