

<b>PATENT ASSIGNMENT COVER SHEET</b>
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Electronic Version v1.1  
 Stylesheet Version v1.2

EPAS ID: PAT6401674

<b>SUBMISSION TYPE:</b>	NEW ASSIGNMENT
<b>NATURE OF CONVEYANCE:</b>	ASSIGNMENT
<b>CONVEYING PARTY DATA</b>	
<b>Name</b>	<b>Execution Date</b>
HAZEL SPRAFKE	07/03/2018
TOBIAS ZIMMERMANN	07/03/2018
DIRK MECKELNBURG	07/03/2018
DENNIS LOESCH	07/03/2018
MARKUS OSTERMAYR	08/14/2018
FASSAL-ALI EL-TOUFAILI	08/14/2018
<b>RECEIVING PARTY DATA</b>	
<b>Name:</b>	BASF SE
<b>Street Address:</b>	CARL-BOSCH-STRASSE 38
<b>City:</b>	LUDWIGSHAFEN AM RHEIN
<b>State/Country:</b>	GERMANY
<b>Postal Code:</b>	67056
<b>PROPERTY NUMBERS Total: 1</b>	
<b>Property Type</b>	<b>Number</b>
<b>Application Number:</b>	16759158
<b>CORRESPONDENCE DATA</b>	
<b>Fax Number:</b>	(302)351-6938
<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>	
<b>Phone:</b>	302-467-4200
<b>Email:</b>	peter.kim@faegredrinker.com
<b>Correspondent Name:</b>	FAEGRE DRINKER BIDDLE & REATH LLP (WM)
<b>Address Line 1:</b>	ATTN: INTELLECTUAL PROPERTY GROUP
<b>Address Line 2:</b>	ONE LOGAN SQUARE, SUITE 2000
<b>Address Line 4:</b>	PHILADELPHIA, PENNSYLVANIA 19103-6996
<b>ATTORNEY DOCKET NUMBER:</b>	074008-1941-US-599459
<b>NAME OF SUBMITTER:</b>	ASHLEY I. PEZZNER
<b>SIGNATURE:</b>	/Ashley I. Pezzner/
<b>DATE SIGNED:</b>	11/14/2020

**Total Attachments: 14**

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**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
Patent Cooperation Treaty	PCT/EP2017/077243	25 Oct 2017
PCT	PCT/EP2018/078511	18 Oct 2018
Argentina		
Gulf Cooperation Council		
Venezuela		

(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 SE**, Carl-Bosch-Strasse 38, 67056 Ludwigshafen am Rhein, Germany (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 derived from, corresponding to or equivalent to the above identified application as Assignee may request.

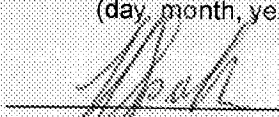
I authorize Assignee or its designee to translate this Assignment into all languages necessary; and we request that such Letters Patent be issued to Assignee; and consent to the recordal of this Assignment, or Notarial True Copy thereof, being under covenant not only that I have full power to make the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

(Signature page(s) follow(s))

Subscribed and Declared by:  
Inventor: **SPRAFKE, Hazel**

Place: LUDWIGSHAFEN  
(City)

Date: 03.07.2018  
(day, month, year)

Signature:   
SPRAFKE, Hazel

Name: SPRAFKE, Hazel  
Address: Chemiestraße 22, 68623 Lampertheim  
Country: Germany  
Nationality: United Kingdom

Subscribed and Declared by:  
Inventor: **MECKELNBURG, Dirk**

Place: Ludwigshafen  
(City)

Date: 5.7.78  
(day, month, year)

Signature:   
MECKELNBURG, Dirk

Name: MECKELNBURG, Dirk  
Address: Carl-Bosch-Strasse 38, 67056 Ludwigshafen  
Country: Germany  
Nationality: Germany

Subscribed and Declared by:  
Inventor: LOESCH, Dennis

Place: Ludwigshafen  
(City)

Date: 3.7.18  
(day, month, year)


Signature:   
LOESCH, Dennis

Name: LOESCH, Dennis  
Address: Carl-Bosch-Strasse 38, 67056 Ludwigshafen  
Country: Germany  
Nationality: Germany

Subscribed and Declared by:  
Inventor: **OSTERMAYR, Markus**

Place: Ludwigshafen/Rhine  
(City)

Date: 14<sup>th</sup> day of August, 2018  
(day, month, year)

Signature:   
OSTERMAYR, Markus

Name: OSTERMAYR, Markus  
Address: Carl-Bosch-Strasse 38, 67056 Ludwigshafen  
Country: Germany  
Nationality: Germany



Subscribed and Declared by:  
Inventor: **EL-TOUFAILI, Faissal-Ali**

Place: Ludwigshafen/Rhine  
(City)

Date: 14<sup>th</sup> day of August, 2018  
(day, month, year)

Signature:   
EL-TOUFAILI, Faissal-Ali

Name: EL-TOUFAILI, Faissal-Ali  
Address: Carl-Bosch-Strasse 38, 67056 Ludwigshafen  
Country: Germany  
Nationality: Lebanon

**Assignee Acceptance**

Employer, the Assignee: **BASF SE**

hereby accepts the Assignment

from, the Assignor

SPRAFKE, Hazel  
MECKELNBURG, Dirk  
LOESCH, Dennis  
OSTERMAYR, Markus  
EL-TOUFAILI, Faissal-Ali

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


Country	Application No.	Filing Date
Patent	PCT/EP2017/077243	25 Oct 2017
Cooperation Treaty		
PCT	PCT/EP2018/078511	18 Oct 2018
Argentina		
Gulf Cooperation		
Council		
Venezuela		

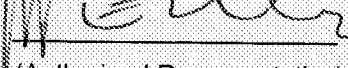
without any restrictions and with all rights and obligations deriving therefrom and declare that this confirmation of acceptance shall deemed a part of said Assignment.

Signed and accepted at Ludwigshafen/Rhine

this 14<sup>th</sup> day of August, 2018

BASF SE

1. NAME / TITLE: Dr. Thomas Cimniak SIGNATURE:   
(Authorized Representative)

2. NAME / TITLE: Dr. Martina Eberle SIGNATURE:   
(Authorized Representative)

**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)

<b>Country</b>	<b>Application No.</b>	<b>Filing Date</b>
Patent Cooperation Treaty	PCT/EP2017/077243	25 Oct 2017
PCT Argentina Gulf Cooperation Council Venezuela	PCT/EP2018/078511	18 Oct 2018

(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 Construction Solutions GmbH**, Dr.-Albert-Frank-Strasse 32, 83308 Trostberg, Germany (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 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))

Subscribed and Declared by:  
Inventor: **ZIMMERMANN, Tobias**

Place: Ludwigshafen  
(City)

Date: 03/07/2018  
(day, month, year)

Signature: T. Zimmermann  
ZIMMERMANN, Tobias

Name: ZIMMERMANN, Tobias  
Address: Carl-Bosch-Strasse 38 , 67056 Ludwigshafen  
Country: Germany  
Nationality: Germany

**Assignee Acceptance**

Employer, the Assignee: **BASF Construction Solutions GmbH**

hereby accepts the Assignment

from, the Assignor

ZIMMERMANN, Tobias

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

Country	Application No.	Filing Date
Patent	PCT/EP2017/077243	25 Oct 2017
Cooperation Treaty	PCT/EP2018/078511	18 Oct 2018
PCT		
Argentina		
Gulf Cooperation		
Council		
Venezuela		

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 Trostberg

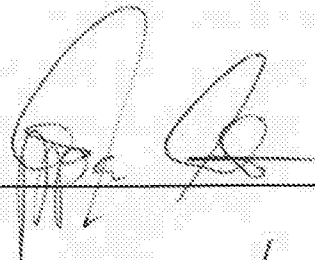
this 29th day of August, 2018

BASF Construction Solutions GmbH

1. NAME / TITLE: K. Kamhuber

(Authorized Representative)

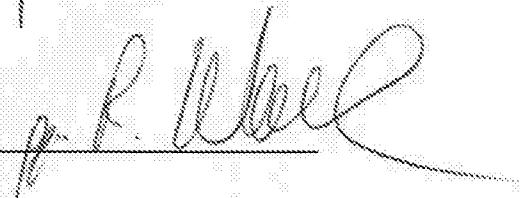
SIGNATURE:



2. NAME / TITLE: R. Wastlhuber

(Authorized Representative)

SIGNATURE:



## Declaration of Assignment of Rights

**BASF Construction Solutions GmbH**, Dr.-Albert-Frank-Strasse 32, 83308 Trostberg, Germany after good and valuable consideration, the receipt and adequacy of which is hereby acknowledged, hereby assigns all its right, title and interest in and to the invention (BASF reference 171263) as disclosed in the application(s)

Country	Application No.	Filing Date
Patent	PCT/EP2017/077243	25 Oct 2017
Cooperation	PCT/EP2018/078511	18 Oct 2018
Treaty		
PCT		
Argentina		
Gulf Cooperation		
Council		
Venezuela		

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

which right, title and interest were transferred from the inventor(s) ZIMMERMANN, Tobias Joachim to **BASF Construction Solutions GmbH**

to  
BASF SE  
Carl-Bosch-Strasse 38  
67056 Ludwigshafen am Rhein  
Germany

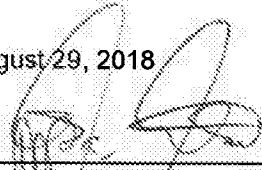
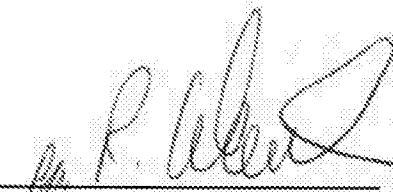
including (i) the right to claim priority under the laws of any country, the Paris Convention, and the Patent Cooperation Treaty to the Application(s), (ii) in and to the invention as described in the Application(s) and the Application(s) itself, and (iii) in and to all divisions, continuations, and 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.

**BASF Construction Solutions GmbH** shall provide **BASF SE** with any assistance necessary for the acquisition of industrial property rights.


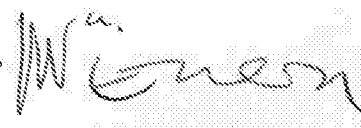
The Assignee or its designee is authorized to insert here any further identification(s) of said invention, including Application Number(s), Filing Date(s), and Filing Country(ies).

**BASF Construction Solutions GmbH**

DATE August 29, 2018  
SIGNATURE    
TITLE (Authorized Representative) (Authorized Representative)

We hereby accept the above assignment.

**BASF SE**

DATE September 18, 2018  
SIGNATURE    
TITLE Vice Presidents