

## PATENT ASSIGNMENT COVER SHEET

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EPAS ID: PAT5147384

<b>SUBMISSION TYPE:</b>	NEW ASSIGNMENT
<b>NATURE OF CONVEYANCE:</b>	ASSIGNMENT
<b>CONVEYING PARTY DATA</b>	
<b>Name</b>	<b>Execution Date</b>
THOMAS SCHAUB	03/13/2018
ROCCO PACIELLO	03/08/2018
MARTIN ERNST	04/03/2018
JAROSLAW MORMUL	03/12/2018
PETER HOFMANN	03/09/2018
JAN BREITENFELD	03/19/2018
OLIVER TRAPP	03/16/2018
<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>	15767393
<b>CORRESPONDENCE DATA</b>	
<b>Fax Number:</b>	(302)351-6938
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<b>ATTORNEY DOCKET NUMBER:</b>	074012-0391-576189
<b>NAME OF SUBMITTER:</b>	ASHLEY I. PEZZNER
<b>SIGNATURE:</b>	/Ashley I. Pezzner/
<b>DATE SIGNED:</b>	09/19/2018

PATENT

**Total Attachments: 13**

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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	Application Title
European Patent	15189341.9	12 Oct 2015	1,6-Funktionalisierte Hexanderivate durch doppelte Hydroformylierung von Butadien
PCT (none Prio)	PCT/EP2016/074347	11 Oct 2016	1,6-Funktionalisierte Hexanderivate durch doppelte Hydroformylierung von Butadien

(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.

**BASF SE**, Carl-Bosch-Strasse 38, 67056 Ludwigshafen am Rhein, Germany (hereinafter referred to as "Assignee"), desires to confirm that it has already been assigned, or, if not already assigned, desires to acquire the entire legal and beneficial right, title, and interest in the invention and the Application(s), including the right to claim priority of the Application(s);

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 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: **SCHAUB, Thomas**

Place: HEIDELBERG  
(City)

Date: 13.03.2018  
(day, month, year)

Signature:   
SCHAUB, Thomas

Name: SCHAUB, Thomas  
Address: Carl-Bosch-Strasse 38, 67056 Ludwigshafen  
Country: Germany  
Nationality: Germany  
Employed by (at the time of invention): BASF SE  
Of Country: Germany

Subscribed and Declared by:  
Inventor: PACIELLO, Rocco

Place: Ludwigshafen  
(City)

Date: 8<sup>th</sup> of March, 2018  
(day, month, year)


Signature:   
PACIELLO, Rocco

Name: PACIELLO, Rocco  
Address: Carl-Bosch-Strasse 38, 67056 Ludwigshafen  
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Employed by (at the time of invention): BASF SE  
Of Country: Germany

Subscribed and Declared by:  
Inventor: ERNST, Martin

Place: Ludwigshafen  
(City)

Date: 2012/04/03  
(day, month, year)

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ERNST, Martin

Name: ERNST, Martin  
Address: Carl-Bosch-Strasse 38, 67056 Ludwigshafen  
Country: Germany  
Nationality: Germany  
Employed by (at the time of invention): BASF SE  
Of Country: Germany

**Assignee Acceptance**

Employer, the Assignee: **BASF SE**

hereby accepts the Assignment

from, the Assignor

SCHAUB, Thomas  
PACIELLO, Rocco  
ERNST, Martin

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

Country	Application No.	Filing Date
European Patent	15189341.9	12 Oct 2015
PCT	PCT/EP2016/074347	11 Oct 2016

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, Germany


this \_\_\_\_\_ day of \_\_\_\_\_, 2018 07. MAI 2018

BASF SE

Dr. Anke Jacobs

1. NAME / TITLE: Vice President SIGNATURE:   
(Authorized Representative)

Dr. Olaf Schweers

2. NAME / TITLE: Vice President 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)

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

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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.

**Universität Heidelberg**, Grabengasse 1, 69117 Heidelberg, Germany (hereinafter referred to as "Assignee"), desires to confirm that it has already been assigned, or, if not already assigned, desires to acquire the entire legal and beneficial right, title, and interest in the invention and the Application(s), including the right to claim priority of the Application(s);

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 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: **MORMUL, Jaroslaw**

Place: Ludwigschafen  
(City)

Date: 12.03.2013  
(day, month, year)

Signature:   
MORMUL, Jaroslaw

Name: MORMUL, Jaroslaw  
Address: R 3 14, 68161 Mannheim  
Country: Germany  
Nationality: Germany  
Employed by (at the time of invention): Universität Heidelberg  
Of Country: Germany

Subscribed and Declared by:  
Inventor: HOFMANN, Peter (deceased)

Heir(s):

Place: Heidelberg  
(City)

Date: 9. 3. 2015  
(day, month, year)

Signature: Christa Hofmann  
HOFMANN, Christa Johanna

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Address: Kleinschmidtstrasse 1/3, 69115 Heidelberg  
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Nationality: Germany

---

Place: Heidelberg  
(City)

Date: 9. 3. 2015  
(day, month, year)

Signature: Stefanie Hofmann  
HOFMANN, Stefanie

Name: HOFMANN, Stefanie  
Address: Carl-Bosch-Strasse 38, 67056 Ludwigshafen  
Country: Germany  
Nationality: Germany

---

Subscribed and Declared by:  
Inventor: BREITENFELD, Jan

Place: Neuchâtel  
(City)

Date: 19.05.2018  
(day, month, year)

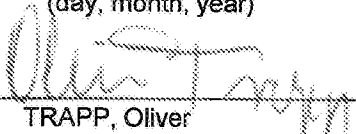
Signature:   
BREITENFELD, Jan

Name: BREITENFELD, Jan  
Address: ~~Grabengasse 1, 69117 Heidelberg~~ Industriestraße 14, 4704 Neuchâtel  
Country: ~~Germany~~ SCHWEIZ  
Nationality: Germany  
Employed by (at the time of invention): Universität Heidelberg  
Of Country: Germany

Subscribed and Declared by:  
Inventor: TRAPP, Oliver

Place: Munich  
(City)

Date: 16.03.2018  
(day, month, year)

Signature:   
TRAPP, Oliver

Name: TRAPP, Oliver  
Address: Butenandtstr. 5-13, 81377 München  
Country: Germany  
Nationality: Germany  
Employed by (at the time of invention): Universität Heidelberg  
Of Country: Germany

Assignee Acceptance

Employer, the Assignee: **Universität Heidelberg**

hereby accepts the Assignment

from, the Assignor

MORMUL, Jaroslaw Michael  
HOFMANN, Peter (deceased)  
Heir(s): HOFMANN, Christa Johanna, HOFMANN, Stefanie,  
BREITENFELD, Jan  
TRAPP, Oliver

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

Country	Application No.	Filing Date
European Patent	15189341.9	12 Oct 2015
PCT	PCT/EP2016/074347	11 Oct 2016

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

Signed and accepted at Heidelberg

this 20<sup>th</sup> day of April, 2016

Universität Heidelberg

1. NAME / TITLE: DR. ROBERT FINGER  
CHIEF CONTRACT MANAGER SIGNATURE:   
(Authorized Representative)

2. NAME / TITLE: \_\_\_\_\_ SIGNATURE: \_\_\_\_\_  
(Authorized Representative)