

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

EPAS ID: PAT5133255

<b>SUBMISSION TYPE:</b>	CORRECTIVE ASSIGNMENT
<b>NATURE OF CONVEYANCE:</b>	Corrective Assignment to correct the ASSIGNEE NAME & ASSIGNOR NAMES & SUBMIT THE 2 DOCUMENTS FOR ASSIGNEE RUPRECHT-KARLS-UNIVERSITAT HEIDELBERG FOR THE ASSIGNMENT previously recorded on Reel 045047 Frame 0632. Assignor(s) hereby confirms the ASSIGNMENT.

**CONVEYING PARTY DATA**

Name	Execution Date
PETER HOFMANN	09/20/2017
SEBASTIAN SCHMIDT	12/05/2017

**RECEIVING PARTY DATA**

<b>Name:</b>	RUPRECHT-KARLS-UNIVERSITAT HEIDELBERG
<b>Street Address:</b>	GRABENGASSE 1
<b>City:</b>	HEIDELBERG
<b>State/Country:</b>	GERMANY
<b>Postal Code:</b>	69117

**PROPERTY NUMBERS Total: 1**

Property Type	Number
<b>Application Number:</b>	15743153

**CORRESPONDENCE DATA**

**Fax Number:** (302)350-6938

*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.*

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**Correspondent Name:** DRINKER BIDDLE & REATH LLC (WM)

**Address Line 1:** 222 DELAWARE AVENUE

**Address Line 4:** WILMINGTON, DELAWARE 19801-1621

<b>ATTORNEY DOCKET NUMBER:</b>	074012-0385-00-US-572796
<b>NAME OF SUBMITTER:</b>	BRONWEN M. LOEB
<b>SIGNATURE:</b>	/BRONWEN M LOEB/
<b>DATE SIGNED:</b>	09/10/2018

**Total Attachments: 4**

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**PATENT ASSIGNMENT COVER SHEET**

Electronic Version v1.1  
Stylesheet Version v1.2

<b>SUBMISSION TYPE:</b>	NEW ASSIGNMENT
<b>NATURE OF CONVEYANCE:</b>	ASSIGNMENT
<b>CONVEYING PARTY DATA</b>	
<b>Name</b>	<b>Execution Date</b>
JULIA STRAUTMANN	01/27/2018
STEFAN RUEDENAUER	08/25/2017
CHRISTIAN REIN	08/21/2017
MELANIE WEINGARTEN	08/17/2017
ROCCO PACIELLO	08/15/2017
WOLFGANG SIEGEL	08/09/2017
MICHAEL BREUER	08/08/2017
PETER HOFMANN	09/20/2017
SEBASTIAN SCHMIDT	12/05/2017
<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>Name:</b>	RUPRECHT-KARIS-UNIVERSITAT HEIDELBERG
<b>Street Address:</b>	GRABENGASSE 1
<b>City:</b>	HEIDELBERG
<b>State/Country:</b>	GERMANY
<b>Postal Code:</b>	69117
<b>PROPERTY NUMBERS Total: 1</b>	
<b>Property Type</b>	<b>Number</b>
<b>Application Number:</b>	15743153

**CORRESPONDENCE DATA****Fax Number:** (302)351-6938**Email:** amy.hamm@dbr.com*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.***Correspondent Name:** ASHLEY PEZZNER**Address Line 1:** 222 DELAWARE AVE**Address Line 4:** WILMINGTON, DELAWARE 19801**ATTORNEY DOCKET NUMBER:**

074012-0385-US-572796

**NAME OF SUBMITTER:**

ASHLEY I. PEZZNER

**Signature:**

/Ashley I. Pezzner/

**Date:**

02/27/2018

This document serves as an Oath/Declaration (37 CFR 1.63).

**Total Attachments: 9**

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**RECEIPT INFORMATION****EPAS ID:** PAT4841836**Receipt Date:** 02/27/2018

**DECLARATION (37 CFR 1.63) FOR UTILITY OR DESIGN APPLICATION USING AN  
APPLICATION DATA SHEET (37 CFR 1.76) AND ASSIGNMENT**

<b>Title of Invention</b>	METHOD FOR THE HYDROFORMYLATION OF 2-SUBSTITUTED BUTADIENES AND THE PRODUCTION OF SECONDARY PRODUCTS THEREOF, ESPECIALLY AMBROX
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As the below named inventor, I hereby declare that:

This declaration  The attached application, or

is directed to:  PCT international application number PCT/EP2016/086225 filed on  
08 Jul 2016

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,  
Ruprecht-Karls-Universität Heidelberg  
Grubengasse 1  
69117 Heidelberg  
Germany (Federal Republic of)

(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 further declare that I either have the obligation to assign or have already assigned the full and exclusive rights in and to any inventions made during my employment to said ASSIGNEE based on my employment contract with said ASSIGNEE, and/or that said ASSIGNEE has obtained full and exclusive rights in and to any such inventions based on applicable national law, and that by this Assignment such transfer of right, title and interest in such inventions to said ASSIGNEE is herewith confirmed or restated.

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 this 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: Peter Hofmann (deceased)  
Heir: Christa Johanna Hofmann

Date: 30.7.2016

Signature: Christa Johanna Hofmann

**DECLARATION (37 CFR 1.83) FOR UTILITY OR DESIGN APPLICATION USING AN  
APPLICATION DATA SHEET (37 CFR 1.76) AND ASSIGNMENT**

<b>Title of Invention</b>	METHOD FOR THE HYDROFORMYLATION OF 2-SUBSTITUTED BUTADIENES AND THE PRODUCTION OF SECONDARY PRODUCTS THEREOF, ESPECIALLY AMBROX
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As the below named inventor, I hereby declare that:

This declaration  The attached application, or

is directed to:  PCT international application number PCT/EP2016/066225 filed on  
08 Jul 2016

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,  
Ruprecht-Karls-Universität Heidelberg  
Grabengasse 1  
69117 Heidelberg  
Germany (Federal Republic of)

(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 further declare that I either have the obligation to assign or have already assigned the full and exclusive rights in and to any inventions made during my employment to said ASSIGNEE based on my employment contract with said ASSIGNEE, and/or that said ASSIGNEE has obtained full and exclusive rights in and to any such inventions based on applicable national law, and that by this Assignment such transfer of right, title and interest in such inventions to said ASSIGNEE is herewith confirmed or restated.

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: Sebastian Schmidt

Date: 08.07.2017

Signature: 