#### 11/03/2015 503552342

## PATENT ASSIGNMENT COVER SHEET

Electronic Version v1.1 Stylesheet Version v1.2 EPAS ID: PAT3598969

SUBMISSION TYPE:	NEW ASSIGNMENT
NATURE OF CONVEYANCE:	ASSIGNMENT

### **CONVEYING PARTY DATA**

Name	Execution Date
ANDREA CHRISTIANSEN	06/15/2015
ROBERT FRANKE	06/15/2015
DIRK FRIDAG	05/05/2015
DIETER HESS	05/05/2015
KATRIN MARIE DYBALLA	05/11/2015
BERND HANNEBAUER	05/05/2015

## **RECEIVING PARTY DATA**

Name:	Evonik Degussa GmbH
Street Address:	Rellinghauser Strasse 1-11
City:	Essen
State/Country:	Germany
Postal Code:	45128

## **PROPERTY NUMBERS Total: 1**

Property Type	Number	
Application Number:	14434827	

## **CORRESPONDENCE DATA**

Fax Number: (703)413-2220

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: (703) 413-3000 mvukovic@oblon.com Email: **Correspondent Name:** OBLON, ET AL.

Address Line 1: 1940 DUKE STREET

Address Line 4: ALEXANDRIA, VIRGINIA 22314

ATTORNEY DOCKET NUMBER:	451966US99PCT
NAME OF SUBMITTER:	MARA VUKOVIC
SIGNATURE:	/Mara Vukovic/
DATE SIGNED:	11/03/2015
	This document serves as an Oath/Declaration (37 CFR 1.63).

# Total Attachments: 6 source=451966USASSN#page1.tif source=451966USASSN#page2.tif source=451966USASSN#page3.tif source=451966USASSN#page4.tif source=451966USASSN#page5.tif

source=451966USASSN#page6.tif

Title of Invention	Mixture of different asymmetrical bisophosphites and use thereof as a catalyst mixture in hydroformylation			
As the below name	As the below named inventor, I hereby declare that:			
	The attached application, or			
	United States application or PCT international application number PCT/EP2013/070238 filed on 27 September 2013			
The above-identifie	ed 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.			
(hereinafter referre entire right, title and the United States a	onik Degussa GmbH d to as "ASSIGNEE") having places of business at: Essen, Germany, is desirous of acquiring the ad interest in and to said invention and in and to any Letters Patent that may be granted therefore in and its territorial possessions and in any and all foreign countries;			
NOW, THEREFORE, in consideration of the sum of FIVE DOLLARS (\$5.00), the receipt whereof is hereby acknowledged, and for other good and valuable consideration, I, by these presents do sell, assign and transfer unto said ASSIGNEE, 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 as the assignee of my entire right, title and interest in and to the same, for the sole use and behoof of said ASSIGNEE, 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 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, make all rightful oaths, and, generally do everything possible to aid said ASSIGNEE, 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 ackno	wledge that any willful false statement made in this declaration is punishable under 18 U.S.C. 1001 nment of not more than five (5) years, or both.			
LEGAL NAME C				
Inventor: Andre	ta Christiansen Date: 15.06.2015			
Signature:				

OBLON, SPIVAK, McCLELLAND, MAIER & NEUSTADT, L.L.P.

ATTORNEYS AT LAW 1940 DUKE STREET ALEXANDRIA, VIRGINIA 22314

Invention	mixture in hydroformylation	
As the below name	d inventor, I hereby declare that:	
This declaration [	The attached application, or	
is directed to:	United States application or PCT international application number PCT/EP2013/070238 filed on 27 September 2013	
The above-identifie	ed application was made or authorized to be made by me.	
I believe that I am t	he original inventor or an original joint inventor of a claimed invention in the application.	
(hereinafter referred entire right, title and	nik Degussa GmbH d to as "ASSIGNEE") having places of business at: <u>Essen, Germany</u> , is desirous of acquiring the d interest in and to said invention and in and to any Letters Patent that may be granted therefore in d its territorial possessions and in any and all foreign countries;	
acknowledged, and said ASSIGNEE, the and in all foreign contact of the relevant Inter- interest in and to a	FORE, in consideration of the sum of FIVE DOLLARS (\$5.00), the receipt whereof is hereby for other good and valuable consideration, I, by these presents do sell, assign and transfer unto me full and exclusive right to the said invention in the United States and its territorial possessions countries (including the right to claim priority under the terms of the International Convention and national Treaties and Arrangements from the aforesaid application) and the entire right, title and many and all Letters Patent which may be granted therefor in the United States and its territorial any and all foreign countries and in and to any and all divisions, reissues, continuations, newals thereof.	
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by fine or imprison	rledge that any willful false statement made in this declaration is punishable under 18 U.S.C. 1001 ment of not more than five (5) years, or both.	
LEGAL NAME OF	INVENTOR	
Inventor: Robert	Franke Date: 1 5. 85, 15	
Signature:		

OBLON, SPIVAK, McCLELLAND, MAIER & NEUSTADT, L.L.P.

ATTORNEYS AT LAW 1940 DUKE STREET ALEXANDRIA, VIRGINIA 22314

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WHEREAS, Evonik Degussa GmbH (hereinafter referred to as "ASSIGNEE") having places of business at: Essen, Germany, 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, in consideration of the sum of FIVE DOLLARS (\$5.00), the receipt whereof is hereby acknowledged, and for other good and valuable consideration, I, by these presents do sell, assign and transfer unto said ASSIGNEE, 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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	rledge that any willful false statement made in this dement of not more than five (5) years, or both.	claration is	punishable under 18 U.S.C. 1001
LEGAL NAME OF	FINVENTOR		
Inventor: Dirk Fri		_ Date:	<b>0</b> 5. 05. 15
Signature:	irle Thicks		

OBLON, SPIVAK, McCLELLAND, MAIER & NEUSTADT, L.L.P.

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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: Dieter H	Date: 0 5. 05. 15		
Signature:	9) che d'en		

OBLON, SPIVAK, McCLELLAND, MAIER & NEUSTADT, L.L.P.

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LEGAL NAME OF	INVENTOR	
Inventor: Katrin I	Marie Dyballa Date: 165.2015	
Signature: V	2010010	

OBLON, SPIVAK, McCLELLAND, MAIER & NEUSTADT, L.L.P.

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LEGAL NAME OF	INVENTOR		
Inventor: Bernd H	fannebauer	Date: 0 5 05 15	
Signature: Be	mil Hamilian	·- <del></del>	

OBLON, SPIVAK, McCLELLAND, MAIER & NEUSTADT, L.L.P.

ATTORNEYS AT LAW 1940 DUKE STREET ALEXANDRIA, VIRGINIA 22314

> PATENT REEL: 036947 FRAME: 0714

**RECORDED: 11/03/2015**