### 505269203 01/09/2019

### PATENT ASSIGNMENT COVER SHEET

Electronic Version v1.1 Stylesheet Version v1.2

rsion v1.1 EPAS ID: PAT5315975

SUBMISSION TYPE:	NEW ASSIGNMENT
NATURE OF CONVEYANCE:	ASSIGNMENT

#### **CONVEYING PARTY DATA**

Name	Execution Date
MARCUS HILGENDORFF	02/01/2017
KARIFALA DUMBUYA	02/02/2017
CLAUDIA ZABEL	02/01/2017
SUSANNE STIEBELS	02/01/2017

### **RECEIVING PARTY DATA**

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City:	HANNOVER	
State/Country:	GERMANY	
Postal Code:	30173	

#### **PROPERTY NUMBERS Total: 1**

Property Type	Number
Application Number:	15757384

#### **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.

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

Address Line 4: ALEXANDRIA, VIRGINIA 22314

ATTORNEY DOCKET NUMBER:	511243US
NAME OF SUBMITTER:	THOMAS TRAUB
SIGNATURE:	/thomas traub/
DATE SIGNED:	01/09/2019

#### **Total Attachments: 4**

Address Line 1:

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PATENT 505269203 REEL: 047939 FRAME: 0467

source=511243USAssignment#page4.tif

PATENT REEL: 047939 FRAME: 0468

Title of Invention		
As the below named inventor, I hereby declare that:		
This declaration [ ] The attached application, or		
is directed to:	<ul><li>[x] PCT international application number PCT/EP2016/070292 ft 29 Aug 2016</li></ul>	led on
The above-ident	ntified application was made or authorized to be made by me.	
I believe that I a	am the original inventor or an original joint inventor of a claimed inver	ntion in the application.
WHEREAS, BASF Catalysts Germany GmbH Seligmannallee 1 30173 Hannover Germany (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;		
acknowledged, the said invention to claim priority Arrangements f Patent which ma	REFORE, for good and valuable consideration the receipt and I, by these presents do assign and transfer unto said ASSIGNEE(Son in the United States and its territorial possessions and in all foreign under the terms of the International Convention and other relevant the aforesaid application) and the entire right, title and interesting be granted therefor in the United States and its territorial posses in and to any and all divisions, reissues, continuations, substitutions a	s), the full and exclusive right to gn countries (including the right vant International Treaties and st in and to any and all Letters sions and in any and all foreign
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: Marcu		Date: <u>1. 2. 2017</u>

PATENT REEL: 047939 FRAME: 0469

Title of Invention		
As the below n	amed inventor, I hereby declare that:	
This declaration	n [] The attached application, or	
is directed to:	[x] PCT international application nur 29 Aug 2016	nber PCT/EP2016/070292 filed on
The above-ide	ntified application was made or authorize	d to be made by me.
I believe that I	am the original inventor or an original joir	nt inventor of a claimed invention in the application.
WHEREAS, BASF Catalysts Germany GmbH Seligmannallee 1 30173 Hannover Germany (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;		
acknowledged the said invent to claim priori Arrangements Patent which r	, I, by these presents do assign and trar tion in the United States and its territorial ty under the terms of the International from the aforesaid application) and the may be granted therefor in the United Sta	sideration the receipt and sufficiency of which is hereby sfer unto said ASSIGNEE(S), the full and exclusive right to possessions and in all foreign countries (including the right Convention and other relevant International Treaties and entire right, title and interest in and to any and all Letters attes and its territorial possessions and in any and all foreign 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(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 Inventor: Karif	OF INVENTOR ala Dumbuya	Date: 7.2.2017

PATENT REEL: 047939 FRAME: 0470

Signature:

Title of			
Invention	named inventor, I hereby declare that:		
This declaration			
is directed to:	is directed to: [x] PCT international application number PCT/EP2016/070292 filed on 29 Aug 2016		
The above-ide	ntified 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, BASF Catalysts Germany GmbH Seligmannallee 1 30173 Hannover Germany (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 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 Inventor: Clau	E OF INVENTOR dia Zabel Date: 1.2. 2017		
Signature:	Clade Zabel		

PATENT REEL: 047939 FRAME: 0471

Title of Invention		
As the below na	med inventor, I hereby declare that:	
This declaration	[ ] The attached application, or	
is directed to:	[x] PCT international application number P 29 Aug 2016	CT/EP2016/070292 filed on
The above-iden	ified application was made or authorized to be	made by me.
I believe that I a	m the original inventor or an original joint inver	ntor of a claimed invention in the application.
WHEREAS, BASF Catalysts Germany GmbH Seligmannallee 1 30173 Hannover Germany (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;		
acknowledged, the said invention to claim priority Arrangements f Patent which m	I, by these presents do assign and transfer ur on in the United States and its territorial posse under the terms of the International Conve rom the aforesaid application) and the entire	on the receipt and sufficiency of which is hereby ito said ASSIGNEE(S), the full and exclusive right to ssions and in all foreign countries (including the right intion and other relevant International Treaties and right, title and interest in and to any and all Letters its territorial possessions and in any and all foreign ations, 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(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.		
	nowledge that any willful false statement ma imprisonment of not more than five (5) years, o	
LEGAL NAME ( Inventor: Susan		Date: 1.2.2017

Susane Shels

PATENT REEL: 047939 FRAME: 0472

RECORDED: 01/09/2019