### PATENT ASSIGNMENT COVER SHEET

Electronic Version v1.1 Stylesheet Version v1.2

EPAS ID: PAT4006682

SUBMISSION TYPE:	NEW ASSIGNMENT
NATURE OF CONVEYANCE:	ASSIGNMENT

#### **CONVEYING PARTY DATA**

Name	Execution Date
JOERG NIEBERLE	02/06/2015
SEBASTIAN EMMERLING	02/12/2015
THOMAS GOETZ	04/13/2015
BOGDAN MORARU	03/10/2015

#### **RECEIVING PARTY DATA**

Name:	BASF SE
Street Address:	•
City:	Ludwigshafen
State/Country:	Germany
Postal Code:	67056

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

Property Type	Number
Application Number:	15113324

#### **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.

(703) 413-3000 Phone: Email: jhorn@oblon.com **Correspondent Name:** OBLON, ET AL. Address Line 1: 1940 DUKE STREET

Address Line 4: ALEXANDRIA, VIRGINIA 22314

ATTORNEY DOCKET NUMBER:	473522US106PCT
NAME OF SUBMITTER:	JENNA HORN
SIGNATURE:	/Jenna Horn/
DATE SIGNED:	08/15/2016
	This document serves as an Oath/Declaration (37 CFR 1.63).

**Total Attachments: 4** 

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**PATENT** REEL: 039433 FRAME: 0880

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> PATENT REEL: 039433 FRAME: 0881

# DECLARATION (37 CFR 1.63) FOR UTILITY OR DESIGN APPLICATION USING AN APPLICATION DATA SHEET (37 CFR 1. 76) AND ASSIGNMENT

MCCA J	<b>J</b>
Title of Invention	
As the below r	named inventor, I hereby declare that:
This declaration	on [] The attached application, or
is directed to:	<ul><li>[X] United States application or PCT international application number PCT/EP2015/060387 filed on 12th January 2015</li></ul>
The above-ide	intified 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 re is desirous of	ASF SE having places of business at: 67056 Ludwigshafen, Germany,  iferred to as "ASSIGNEE(S)") acquiring the entire right, title and interest in and to said invention and in and to any Letters Patent  granted therefore in the United States and its territorial possessions and in any and all foreign
acknowledged the said invent to claim priori Arrangements Patent which n	EREFORE, for good and valuable consideration the receipt and sufficiency of which is hereby, I, by these presents do assign and transfer unto said ASSIGNEE(S), the full and exclusive right to lion in the United States and its territorial possessions and in all foreign countries (including the right by under the terms of the International Convention and other relevant International Treaties and from the aforesaid application) and the entire right, title and interest in and to any and all Letters hay be granted therefor in the United States and its territorial possessions and in any and all foreign in and to any and all divisions, reissues, continuations, substitutions and renewals thereof.
any and all for the assignee ASSIGNEE(S)	thorize and request the Patent Office Officials in the United States and its territorial possessions and reign countries to issue any and all of said Letters Patent, when granted, to said ASSIGNEE(S) as of my entire right, title and interest in and to the same, for the sole use and behoof of said , its (his) successors and assigns, to the full end of the term for which said Letters Patent may be lly and entirely as the same would have been held by me had this Assignment and sale not been
respecting sail continuation, s and all of said everything pos	gree that I will communicate to said ASSIGNEE(S) or its (his) representatives any facts known to me d invention, and testify in any legal proceeding, sign all lawful papers, execute all divisional, ubstitute, renewal and reissue applications, execute all necessary assignment papers to cause any d Letters Patent to be issued to said ASSIGNEE(S), make all rightful oaths, and, generally do sible to aid said ASSIGNEE(S), its (his) successors and assigns, to obtain and enforce proper raid invention in the United States and its territorial possessions and in any and all foreign countries.
	knowledge that any willful false statement made in this declaration is punishable under 16 U.S.C. imprisonment of not more than five (5) years, or both.
LEGAL NAME	OF INVENTOR
Inventor: Jos	org NIEBERLE Date: 06.02.2015
Signature:	

PA TENT REEL: 039433 FRAME: 0882

## DECLARATION (37 CFR 1.63) FOR UTILITY OR DESIGN APPLICATION USING AN APPLICATION DATA SHEET (37 CFR 1, 76) AND ASSIGNMENT

itle of evention	
s the below named inventor, I hereby declare that:	*****
nis declaration [ ] The attached application, or	
directed to: [X] United States application or PCT international application number PCT/EP2015/050387 filed on 12th January 2015	
ne above-identified application was made or authorized to be made by me.	
pelieve that I am the original inventor or an original joint inventor of a claimed invention in the application.	
HEREAS, BASF SE having places of business at: 67056 Ludwigshafen, Germany, nereinafter referred to as "ASSIGNEE(S)") desirous of acquiring the entire right, title and interest in and to said invention and in and to any Letters Pate at may be granted therefore in the United States and its territorial possessions and in any and all forei puntries;	
NOW, THEREFORE, for good and valuable consideration the receipt and sufficiency of which is here knowledged, I, by these presents do assign and transfer unto said ASSIGNEE(S), the full and exclusive right is said invention in the United States and its territorial possessions and in all foreign countries (including the right claim priority under the terms of the International Convention and other relevant International Treaties a rangements from the aforesaid application) and the entire right, title and interest in and to any and all Letterate which may be granted therefor in the United States and its territorial possessions and in any and all foreign untries and in and to any and all divisions, reissues, continuations, substitutions and renewals thereof.	to tht pht nd ers
I hereby authorize and request the Patent Office Officials in the United States and its territorial possessions a sy and all foreign countries to issue any and all of said Letters Patent, when granted, to said ASSIGNEE(S) as assignee of my entire right, title and interest in and to the same, for the sole use and behoof of satisfications (his) successors and assigns, to the full end of the term for which said Letters Patent may anted, as fully and entirely as the same would have been held by me had this Assignment and sale not be ade.	as eid be
Further, I agree that I will communicate to said ASSIGNEE(S) or its (his) representatives any facts known to respecting said invention, and testify in any legal proceeding, sign all lawful papers, execute all division intinuation, substitute, renewal and reissue applications, execute all necessary assignment papers to cause a diall of said Letters Patent to be issued to said ASSIGNEE(S), make all rightful paths, and, generally erything possible to aid said ASSIGNEE(S), its (his) successors and assigns, to obtain and enforce propotection for said invention in the United States and its territorial possessions and in any and all foreign countries.	al, ny do er
I hereby acknowledge that any willful false statement made in this declaration is punishable under 18 U.S. 01 by fine or imprisonment of not more than five (5) years, or both.	C.
GAL NAME OF INVENTOR	
ventor: Sebastian Emmerling Date: 12.02.20	<u>A</u>
gnature	

PATENT<sup>© 12</sup> REEL: 039433 FRAME: 0883

## DECLARATION (37 CFR 1.63) FOR UTILITY OR DESIGN APPLICATION USING AN APPLICATION DATA SHEET (37 CFR 1. 76) AND ASSIGNMENT

Title of Invention
As the below named inventor, I hereby declare that:
This declaration [ ] The attached application, or
is directed to: [X] United States application or PCT international application number PCT/EP2015/050387 filed on 12th January 2015
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, BASF SE having places of business at: 67056 Ludwigshafen, 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 faise 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: Thomas Götz  Date: 13.0% /5
Signature:

PATENT\*\*\*2
REEL: 039433 FRAME: 0884

# DECLARATION (37 CFR 1.63) FOR UTILITY OR DESIGN APPLICATION USING AN APPLICATION DATA SHEET (37 CFR 1. 76) AND ASSIGNMENT

Invention			
As the below named inve	ntor, I hereby declare that:		
This declaration [] Th	e attached application, or		
is directed to: [X] Un	ited States application or PCT in d on 12th January 2015	sternational application number PCT/EP2015/0503	87
The above-identified appl	ication was made or authorized	to be made by me.	
I believe that I am the orig	pinal inventor or an original joint i	inventor of a claimed invention in the application.	
(hereinafter referred to as	aving places of business at: 6705 s "ASSIGNEE(S)") ne entire right, title and interest	66 Ludwigshafen, Germany, in and to said invention and in and to any Letters	Patent
that may be granted the countries;	refore in the United States an	d its territorial possessions and in any and all	foreign
the said invention in the L to claim priority under th Arrangements from the a Patent which may be gran	e presents do assign and transfe Inited States and its territorial po ie terms of the International Co foresaid application) and the en ited therefor in the United State:	eration the receipt and sufficiency of which is er unto said ASSIGNEE(S), the full and exclusive passessions and in all foreign countries (including the provention and other relevant International Treatile tire right, title and interest in and to any and all a and its territorial possessions and in any and all itinuations, substitutions and renewals thereof.	right to ne right es and Leiters
any and all foreign country the assignee of my entity ASSIGNEE(S), its (his) so	ries to issue any and all of said re right, title and interest in a uccessors and assigns, to the fi	als in the United States and its territorial possession. Letters Patent, when granted, to said ASSIGNEE and to the same, for the sole use and behoof call end of the term for which said Letters Patent resen held by me had this Assignment and sale no	E(S) as of said nav be
respecting said invention continuation, substitute, re and all of said Letters P everything possible to aid	<ul> <li>and testify in any legal processes and release applications, atent to be issued to said ASI said ASSIGNEE(S), its (his)</li> </ul>	NEE(S) or its (his) representatives any facts known beeding, sign all lawful papers, execute all divi- execute all necessary assignment papers to cause SIGNEE(S), make all rightful paths, and, general successors and assigns, to obtain and enforce tritorial possessions and in any and all foreign court	isional, se any ally do proper
I hereby acknowledge 1001 by fine or imprisonm	that any willful false statement ent of not more than five (5) year	made in this declaration is punishable under 18 rs, or both.	U.S.C.
LEGAL NAME OF INVEN	TOR		
Inventor: Bogdan Morar	ប	Date: <u>(0.032.</u>	215
Signature: 59	dan 45004		

PATENT<sup>12</sup> **REEL: 039433 FRAME: 0885** 

**RECORDED: 08/15/2016**