### PATENT ASSIGNMENT COVER SHEET

Electronic Version v1.1 Stylesheet Version v1.2

EPAS ID: PAT3778969

SUBMISSION TYPE:	NEW ASSIGNMENT
NATURE OF CONVEYANCE:	ASSIGNMENT

#### **CONVEYING PARTY DATA**

Name	Execution Date
THOMAS WETTLING	09/15/2014
STEFAN HIRSCH	09/24/2014
MARKUS BRYM	09/22/2014
MARKUS WEIS	09/15/2014

#### **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:	14905658

#### **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: vlam@oblon.com **Correspondent Name:** OBLON, ET AL. Address Line 1: 1940 DUKE STREET

Address Line 4: ALEXANDRIA, VIRGINIA 22314

ATTORNEY DOCKET NUMBER:	464722US99PCT
NAME OF SUBMITTER:	VANESSA LAM
SIGNATURE:	/Vanessa Lam/
DATE SIGNED:	03/11/2016
	This document serves as an Oath/Declaration (37 CFR 1.63).

**Total Attachments: 4** 

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**PATENT REEL: 037951 FRAME: 0810** 

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> PATENT REEL: 037951 FRAME: 0811

### 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/EP2014/064402 filed on 07th July 2014
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 de 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: Thomas Wettling
Signature:

PATENT<sup>1/2012</sup>
REEL: 037951 FRAME: 0812

### 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 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/EP2014/06440 filed on 07th July 2014</li></ul>	2
The above-ide	entified application was made or authorized to be made by me.	
I believe that I	I am the original inventor or an original joint inventor of a claimed invention in the application.	
	BASF SE_having places of business at: 67056 Ludwigshafen, Germany, eferred 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 granted therefore in the United States and its territorial possessions and in any and all t	
acknowledged the said inven to claim prior Arrangements Patent which i	EREFORE, for good and valuable consideration the receipt and sufficiency of which is to d, I, by these presents do assign and transfer unto said ASSIGNEE(S), the full and exclusive relation in the United States and its territorial possessions and in all foreign countries (including the city under the terms of the International Convention and other relevant International Treaties from the aforesaid application) and the entire right, title and interest in and to any and all I may be granted therefor in the United States and its territorial possessions and in any and all I in and to any and all divisions, reissues, continuations, substitutions and renewals thereof.	ight to e right s and etters
any and all fo the assignee ASSIGNEE(S	uthorize and request the Patent Office Officials in the United States and its territorial possession breign countries to issue any and all of said Letters Patent, when granted, to said ASSIGNEE of my entire right, title and interest in and to the same, for the sole use and behoof coi), its (his) successors and assigns, to the full end of the term for which said Letters Patent mully and entirely as the same would have been held by me had this Assignment and sale not	(S) as of said hay be
respecting sa continuation, s and all of sai everything po	agree that I will communicate to said ASSIGNEE(S) or its (his) representatives any facts known aid invention, and testify in any legal proceeding, sign all lawful papers, execute all divisubstitute, renewal and reissue applications, execute all necessary assignment papers to causid Letters Patent to be issued to said ASSIGNEE(S), make all rightful oaths, and, general assible to aid said ASSIGNEE(S), its (his) successors and assigns, to obtain and enforce said invention in the United States and its territorial possessions and in any and all foreign cour	sional, se any ally do proper
	cknowledge that any willful false statement made in this declaration is punishable under 18 for imprisonment of not more than five (5) years, or both.	u.s.c.
LEGAL NAME	E OF INVENTOR	(de)
Inventor: St	tefan Hirsch	
Signature:	Skjan Hurs A	
Cignature		

PATENT<sup>(2012)</sup>
REEL: 037951 FRAME: 0813

# 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/EP2014/064402 filed on 07th July 2014
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 Pater that may be granted therefore in the United States and its territorial possessions and in any and all foreig countries;
NOW, THEREFORE, for good and valuable consideration the receipt and sufficiency of which is hereb 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 Letter 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 an any and all foreign countries to issue any and all of said Letters Patent, when granted, to said ASSIGNEE(S) at 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 bee made.
Further, I agree that I will communicate to said ASSIGNEE(S) or its (his) representatives any facts known to m 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 an and all of said Letters Patent to be issued to said ASSIGNEE(S), make all rightful oaths, and, generally deverything 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: Markus Brym Date: 22.09.16
Signature:

PAT管的1<sup>7/2012</sup> REEL: 037951 FRAME: 0814

# 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 n	amed inventor, I hereby declare that:		
This declaration	n [] The attached application, or		
is directed to:	[X] United States application or PCT international application number PCT/EP2014/064402 filed on 07th July 2014		
The above-ide	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.		
(hereinafter re	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 r	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 iton in the United States and its territorial possessions and in all foreign countries (including the right try 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 may 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 ally and entirely as the same would have been held by me had this Assignment and sale not been		
respecting sat continuation, sand all of sat everything por	gree that I will communicate to said ASSIGNEE(S) or its (his) representatives any facts known to me id invention, and testify in any legal proceeding, sign all lawful papers, execute all divisional, substitute, renewal and reissue applications, execute all necessary assignment papers to cause any determined Letters Patent to be issued to said ASSIGNEE(S), make all rightful oaths, and, generally dossible to aid said ASSIGNEE(S), its (his) successors and assigns, to obtain and enforce propersaid 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 18 U.S.C. r imprisonment of not more than five (5) years, or both.		
LEGAL NAME	OF INVENTOR		
Inventor: Ma	arkus Weis Date: 15.5cpl. 10/		
Signature: Makin Weis			

PAT性的T<sup>/2012</sup> REEL: 037951 FRAME: 0815

**RECORDED: 03/11/2016**