503938449 07/29/2016

PATENT ASSIGNMENT COVER SHEET

Electronic Version v1.1 Stylesheet Version v1.2 EPAS ID: PAT3985103

SUBMISSION TYPE:	NEW ASSIGNMENT
NATURE OF CONVEYANCE:	ASSIGNMENT

CONVEYING PARTY DATA

Name	Execution Date
MAXIM PERETOLCHIN	01/29/2015
HARALD BOEHNKE	03/23/2015
WOLFGANG GRABARSE	03/16/2015
LUDWIG VOELKEL	03/18/2015
MARKUS HANSCH	01/30/2015
GUENTER OETTER	02/02/2015
AARON FLORES-FIGUEROA	03/27/2015
KLAUS MUEHLBACH	03/27/2015
IVETTE GARCIA CASTRO	04/08/2015

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:	15115500

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
Email: rsheldon@oblon.com
Correspondent Name: OBLON, ET AL.
Address Line 1: 1940 DUKE STREET

Address Line 4: ALEXANDRIA, VIRGINIA 22314

ATTORNEY DOCKET NUMBER: 474118US106PCT

NAME OF SUBMITTER: RYAN SHELDON

PATENT 503938449 REEL: 039293 FRAME: 0443

SIGNATURE:	/Ryan Sheldon/
DATE SIGNED:	07/29/2016
	This document serves as an Oath/Declaration (37 CFR 1.63).
Total Attachments: 9	•
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source=Executed Assignment-Declarations#page8.tif	

source=Executed Assignment-Declarations#page9.tif

PATENT REEL: 039293 FRAME: 0444

PATENT2012

70111 0		
Title of Invention		
As the below r	named inventor, I hereby declare that:	
This declaration	on [] The attached application, or	
is directed to:	[X] United States application or PCT international application number filed on 04th December 2014	PCT/EP2014/076622
The above-ide	entified 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 i	n the application.
is desirous of	ASF SE having places of business at: 67056 Ludwigshafen, Germany, eferred to as "ASSIGNEE(S)") acquiring the entire right, title and interest in and to said invention and ingranted therefore in the United States and its territorial possessions are	and to any Letters Patent nd in any and all foreign
the said invent to claim priori Arrangements Patent which r	EREFORE, for good and valuable consideration the receipt and sufficient, I, I, by these presents do assign and transfer unto said ASSIGNEE(S), the stion in the United States and its territorial possessions and in all foreign control to the terms of the International Convention and other relevant I in from the aforesaid application) and the entire right, title and interest in a may be granted therefor in the United States and its territorial possessions in and to any and all divisions, reissues, continuations, substitutions and reissues.	full and exclusive right to untries (including the right nternational Treaties and and to any and all Letters and in any and all foreign
any and all for the assignee ASSIGNEE(S)	thorize and request the Patent Office Officials in the United States and its treign countries to issue any and all of said Letters Patent, when granted, of my entire right, title and interest in and to the same, for the sole in its (his) successors and assigns, to the full end of the term for which saily and entirely as the same would have been held by me had this Assignance.	to said ASSIGNEE(S) as use and behoof of said aid Letters Patent may be
respecting sai continuation, s and all of sai everything pos	gree that I will communicate to said ASSIGNEE(S) or its (his) representativid invention, and testify in any legal proceeding, sign all lawful paper substitute, renewal and reissue applications, execute all necessary assigned Letters Patent to be issued to said ASSIGNEE(S), make all rightful ssible to aid said ASSIGNEE(S), its (his) successors and assigns, to obtain in the United States and its territorial possessions and in any	rs, execute all divisional, ment papers to cause any oaths, and, generally do btain and enforce proper
I hereby ac 1001 by fine o	cknowledge that any willful false statement made in this declaration is pur rimprisonment of not more than five (5) years, or both.	nishable under 18 U.S.C.
LEGAL NAME	OF INVENTOR	
Inventor; Ha	arald Böhnke	Date: 23,03,2015

US Declaration - national - 250346

PATENIT²⁰¹²

Title of	
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/EP2014/076622 filed on 04th December 2014
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.
(hereinafter re is desirous of	ASF SE having places of business at: 67056 Ludwigshafen, Germany, ferred 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
the said invent to claim priorit Arrangements Patent which n	REFORE, 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 ion 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 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 eign 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 ly 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 saible to aid said ASSIGNEE(S), its (his) successors and assigns, to obtain and enforce proper said invention in the United States and its territorial possessions and in any and all foreign countries.
I hereby ac 1001 by fine or	knowledge that any willful false statement made in this declaration is punishable under 18 U.S.C. imprisonment of not more than five (5) years, or both.
LEGAL NAME	OF INVENTOR
Inventor: Wo	Date: (b, 3, 20)
Signature:	pobury

PA下**EN**172012

Invention	
As the below na	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/EP2014/076622 filed on 04th December 2014
The above-ider	ntified application was made or authorized to be made by me.
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is desirous of a	ASF SE having places of business at: 67056 Ludwigshafen, Germany, ferred to as "ASSIGNEE(S)") acquiring the entire right, title and interest in and to said invention and in and to any Letters Patent ranted therefore in the United States and its territorial possessions and in any and all foreign
the said invention to claim priority Arrangements to Patent which m	REFORE, 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 on in the United States and its territorial possessions and in all foreign countries (including the right y 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 any be granted therefor in the United States and its territorial possessions and in any and all foreign and to any and all divisions, reissues, continuations, substitutions and renewals thereof.
the assignee of ASSIGNEE(S),	horize and request the Patent Office Officials in the United States and its territorial possessions and eign 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 y and entirely as the same would have been held by me had this Assignment and sale not been
respecting said continuation, su and all of said everything post	ree that I will communicate to said ASSIGNEE(S) or its (his) representatives any facts known to me invention, and testify in any legal proceeding, sign all lawful papers, execute all divisional, obstitute, renewal and reissue applications, execute all necessary assignment papers to cause any Letters Patent to be issued to said ASSIGNEE(S), make all rightful oaths, and, generally dosible to aid said ASSIGNEE(S), its (his) successors and assigns, to obtain and enforce proper aid invention in the United States and its territorial possessions and in any and all foreign countries.
I hereby ack 1001 by fine or	knowledge that any willful false statement made in this declaration is punishable under 18 U.S.C. imprisonment of not more than five (5) years, or both.
LEGAL NAME	OF INVENTOR
Inventor: Lud	lwig Völkel Date: 1.3.201
Signature:	has to

US Declaration - national - 250346 **REEL: 039293 FRAME: 0448**

Title of	
Invention	
As the below r	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/EP2014/076622 filed on 04th December 2014
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.
is desirous of	ASF SE having places of business at: 67056 Ludwigshafen, Germany, ferred 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
the said invent to claim priorit Arrangements Patent which n	REFORE, 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 ion in the United States and its territorial possessions and in all foreign countries (including the right y 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 n and to any and all divisions, reissues, continuations, substitutions and renewals thereof.
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respecting said 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 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 aid invention in the United States and its territorial possessions and in any and all foreign countries.
I hereby ac 1001 by fine or	knowledge that any willful false statement made in this declaration is punishable under 18 U.S.C. imprisonment of not more than five (5) years, or both.
LEGAL NAME	OF INVENTOR
Inventor: Ma	irkus Hansch
on one	Date: 30. 01.2015
Signature:	Morlas Longe

PATENT²⁰¹²

Title of	
Invention	
	amed inventor, I hereby declare that:
This declaratio	n [] The attached application, or
is directed to:	[X] United States application or PCT international application number PCT/EP2014/076622 filed on 04th December 2014
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.
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countries;	granted therefore in the United States and its territorial possessions and in any and all foreign
the said invent to claim priorit Arrangements Patent which n	REFORE, 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 ion in the United States and its territorial possessions and in all foreign countries (including the right y 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 n and to any and all divisions, reissues, continuations, substitutions and renewals thereof.
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respecting said 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 dinvention, 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 distinct 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 proper aid invention in the United States and its territorial possessions and in any and all foreign countries.
I hereby ac 1001 by fine or	knowledge that any willful false statement made in this declaration is punishable under 18 U.S.C. imprisonment of not more than five (5) years, or both.
LEGAL NAME	OF INVENTOR
Inventor: Gü	nter Oetter Date: 02.02, 2015
Signature:	Just Mt

PATENT²⁰¹²

76 1 LIGATION DATA SHEET (STOPK 1. 76) AND ASSIGNMEN!
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/EP2014/076622 filed on 04th December 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 Paten 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 deeverything 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: Aaron Flores-Figueroa Date: 27 15

PATEN 72012

REEL: 039293 FRAME: 0451

Signature:

Title of		
Invention		
As the below named inventor, I hereby declare that:		
This declaratio	n [] The attached application, or	
is directed to:	[X] United States application or PCT international application number PCT/EP2014/076622 filed on 04th December 2014	
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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.		
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LEGAL NAME OF INVENTOR		
Inventor: Kla	nus Mühlbach Date: <u>03-27-2615</u>	
Signature: Manuel Manuel		

US Declaration - national - 250346

PATENT²⁰¹²

ittle of Invention	
As the below n	amed inventor, I hereby declare that:
This declaratio	n [] The attached application, or
is directed to:	[X] United States application or PCT international application number PCT/EP2014/076622 filed on 04th December 2014
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I hereby ac 1001 by fine or	knowledge that any willful false statement made in this declaration is punishable under 18 U.S.C. imprisonment of not more than five (5) years, or both.
LEGAL NAME	OF INVENTOR
Inventor: Ive	tte Garcia Castro
Signature:	Date: y-04. WAS

US Declaration - national - 250346

PA™72012 REEL: 039293 FRAME: 0453