503795746 04/22/2016

PATENT ASSIGNMENT COVER SHEET

Electronic Version v1.1 Stylesheet Version v1.2 EPAS ID: PAT3842393

SUBMISSION TYPE:	NEW ASSIGNMENT
NATURE OF CONVEYANCE:	ASSIGNMENT

CONVEYING PARTY DATA

Name	Execution Date
MARTA REINOSO GARCIA	11/18/2014
MARKUS HARTMANN	10/14/2014
KATI SCHMIDT	11/21/2014
MATTHIAS RAULS	11/26/2014
THOMAS SCHMIDT	11/24/2014
PAUL KLINGELHOEFER	11/18/2014
ALFRED OFTRING	01/17/2015
SOMNATH SHIVAJI KADAM	01/12/2015

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:	15021398	

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

Address Line 4: ALEXANDRIA, VIRGINIA 22314

ATTORNEY DOCKET NUMBER:	467373US99PCT
NAME OF SUBMITTER:	VANESSA LAM
SIGNATURE:	/Vanessa Lam/

PATENT REEL: 038355 FRAME: 0322

DATE SIGNED: 04/22/2016	
	This document serves as an Oath/Declaration (37 CFR 1.63).
Total Attachments: 8	
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source=467373USASSN#page8.tif	

PATENT REEL: 038355 FRAME: 0323

Tial - F	
Title of Invention	
1	med inventor, I hereby declare that:
- !	
This declaration	[] The attached application, or
is directed to:	[X] United States application or PCT international application number PCT/EP2014/068910 filed on 05th September 2014
;	ified application was made or authorized to be made by me.
	n the original inventor or an original joint inventor of a claimed invention in the application.
in the second second second	F SE having places of business at: 67056 Ludwigshafen, Germany, rred to as "ASSIGNEE(S)")
that may be gra countries;	quiring the entire right, title and interest in and to said invention and in and to any Letters Patent nted therefore in the United States and its territorial possessions and in any and all foreign
the said invention to claim priority in Arrangements fro Patent which may countries and in a	EFORE, for good and valuable consideration the receipt and sufficiency of which is hereby by these presents do assign and transfer unto said ASSIGNEE(S), the full and exclusive right to in the United States and its territorial possessions and in all foreign countries (including the right under the terms of the International Convention and other relevant International Treaties and im the aforesaid application) and the entire right, title and interest in and to any and all Letters 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), its	rize and request the Patent Office Officials in the United States and its territorial possessions and n countries to issue any and all of said Letters Patent, when granted, to said ASSIGNEE(S) as my entire right, title and interest in and to the same, for the sole use and behoof of said is (his) successors and assigns, to the full end of the term for which said Letters Patent may be and entirely as the same would have been held by me had this Assignment and sale not been
continuation, subs and all of said Le everything possibl protection for said	e that I will communicate to said ASSIGNEE(S) or its (his) representatives any facts known to me nvention, and testify in any legal proceeding, sign all lawful papers, execute all divisional, titute, renewal and reissue applications, execute all necessary assignment papers to cause any etters Patent to be issued to said ASSIGNEE(S), make all rightful paths, and, generally do le to aid said ASSIGNEE(S), its (his) successors and assigns, to obtain and enforce proper invention in the United States and its territorial possessions and in any and all foreign countries.
I hereby ackno 1001 by fine or imp	wiedge that any willful false statement made in this declaration is punishable under 18 U.S.C. prisonment of not more than five (5) years, or both.
LEGAL NAME OF	INVENTOR
nventor: Marta i	Reinoso Garcia Date: <u>LS II 201</u> 5
Signature:	
····	
	, and

PA∓ENT: REEL: 038355 FRAME: 0324

	Title of		
	Invention		
As the below named inventor, I hereby declare that:			
***************************************	This declaratio	on [] The attached application, or	
	is directed to:	[X] United States application or PCT international application numbe filed on 05th September 2014	er PCT/EP2014/068910
	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 inventior	in the application.
	is desirous of a that may be g	ASF SE having places of business at: 67056 Ludwigshafen, Germany, interred 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 in	and to any Letters Patent
	•		
	the said invention claim priority Arrangements for Patent which moduling Countries and in	REFORE, for good and valuable consideration the receipt and suffice. I, by these presents do assign and transfer unto said ASSIGNEE(S), the form in the United States and its territorial possessions and in all foreign or younder the terms of the International Convention and other relevant from the aforesaid application) and the entire right, title and interest in may be granted therefor in the United States and its territorial possessions in and to any and all divisions, reissues, continuations, substitutions and re-	e full and exclusive right to ountries (including the right International Treaties and and to any and all Letters s and in any and all foreign enewals thereof.
9	he assignee o \SSIGNEE(S),	horize and request the Patent Office Officials in the United States and its eign 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 its (his) successors and assigns, to the full end of the term for which s y and entirely as the same would have been held by me had this Assig	to said ASSIGNEE(S) as use and behoof of said
a e	ontinuation, sut nd all of said verything possi	ree that I will communicate to said ASSIGNEE(S) or its (his) representative invention, and testify in any legal proceeding, sign all lawful paper ibstitute, renewal and reissue applications, execute all necessary assignmenters. Patent to be issued to said ASSIGNEE(S), make all rightful tible to aid said ASSIGNEE(S), its (his) successors and assigns, to oid invention in the United States and its territorial possessions and in any	rs, execute all divisional, ment papers to cause any oaths, and, generally do
	I hereby ackn	nowledge that any willful false statement made in this declaration is pur mprisonment of not more than five (5) years, or both	
LI	EGAL NAME O	OF INVENTOR	
ln	ventor: Mark	kus Hartmann	62.
Sí	gnature: ${\cal A}$	J. Hardmann	Date: <u>/ 4 / 0 20/</u> 4

PATENT: REEL: 038355 FRAME: 0325

	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 05th September 2014	PCT/EP2014/068910
***************************************	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	in the application.
	is desirous of a	ASF SE having places of business at: 67056 Ludwigshafen, Germany, sferred 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 invention to claim priority Arrangements f Patent which m	REFORE, for good and valuable consideration the receipt and suffici- I, by these presents do assign and transfer unto said ASSIGNEE(S), the ion in the United States and its territorial possessions and in all foreign coly under the terms of the International Convention and other relevant Inform 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 rer	full and exclusive right to untries (including the right international Treaties and ind to any and all Letters
2 4	I hereby auth any and all fore he assignee of ASSIGNEE(S).	horize and request the Patent Office Officials in the United States and its to eign 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 its (his) successors and assigns, to the full end of the term for which sa y and entirely as the same would have been held by me had this Assign	erritorial possessions and to said ASSIGNEE(S) as use and behoof of said
a	ontinuation, sut ind all of said verything possi rotection for sai	ree that I will communicate to said ASSIGNEE(S) or its (his) representative invention, and testify in any legal proceeding, sign all lawful papers betitute, renewal and reissue applications, execute all necessary assignm Letters Patent to be issued to said ASSIGNEE(S), make all rightful of the said ASSIGNEE(S), its (his) successors and assigns, to obtaid invention in the United States and its territorial possessions and in any a	, execute all divisional, ent papers to cause any aths, and, generally do tain and enforce proper all foreign countries.
11	hereby ackn 001 by fine or in	nowledge that any willful false statement made in this declaration is puni reprisonment of not more than five (5) years, or both.	shable under 18 U.S.C.
L	EGAL NAME O	OF INVENTOR	
		Schmidt	20 4
			Date: <u>2/1/////4</u>
3i	gnature:	Latidunid/1	
••••	***************************************		

PA(TEN)(T2) **REEL:** 038355 FRAME: 0326

	Invention		
	As the below i	named inventor, I hereby declare that:	ww.
	This declaration	on [] The attached application, or	
	is directed to:	[X] United States application or PCT international application number PCT/EP2014/068910 filed on 05th September 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.	
	WHEREAS, BA (hereinafter re 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 Pater transled therefore in the United States and its territorial possessions and in any and all foreign	it n
	the said inventi to claim priorit Arrangements Patent which m countries and ir	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 younder 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 as the 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.	2 1 3 1
	the assignee of ASSIGNEE(S).	norize and request the Patent Office Officials in the United States and its territorial possessions and sign countries to issue any and all of said Letters Patent, when granted, to said ASSIGNEE(S) as f 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 and entirely as the same would have been held by me had this Assignment and sale not been	ŀ
1	continuation, su and all of said everything poss protection for sa	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, bestitute, 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 ible to aid said ASSIGNEE(S), its (his) successors and assigns, to obtain and enforce proper id invention in the United States and its territorial possessions and in any and all foreign countries.	
	hereby acki 1001 by fine or ii	nowledge 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.	**************************************
	EGAL NAME O	FINVENTOR	· · · · · ·
ł	nventor: Matt	nias Rauls	
9	Signature:	Date: 26.41.44	***************************************
•••			

PA□**EN**□ REEL: 038355 FRAME: 0327

Invention	
As the below	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 PCT/EP2014/068910 filed on 05th September 2014
The above-ide	ntified application was made or authorized to be made by me.
believe that I	am the original inventor or an original joint inventor of a claimed invention in the application.
WHEREAS, BA (hereinafter re 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 Paten transled therefore in the United States and its territorial possessions and in any and all foreign
the said inventi to claim priority Arrangements Patent which m countries and in	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.
I hereby auti any and all fore the assignee o ASSIGNEE(S).	norize and request the Patent Office Officials in the United States and its territorial possessions and sign countries to issue any and all of said Letters Patent, when granted, to said ASSIGNEE(S) as f 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 and entirely as the same would have been held by me had this Assignment and sale not been
continuation, sul and all of said everything poss protection for sai	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, bestitute, 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 ible to aid said ASSIGNEE(S), its (his) successors and assigns, to obtain and enforce proper id invention in the United States and its territorial possessions and in any and all foreign countries.
hereby ackr 1001 by fine or ir	nowledge that any willful false statement made in this declaration is punishable under 18 U.S.C. mprisonment of not more than five (5) years, or both.
LEGAL NAME O	F INVENTOR
Inventor: Thon	nas Schmidt Date: 24/1/1 /2014
Signature:	La hall

PATENIT:
REEL: 038355 FRAME: 0328

Tidl	7
Title of Invention	
As the below r	named 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/EP2014/068910 filed on 05th September 2014
The above-ide	ntified application was made or authorized to be made by me.
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WHEREAS, BA	ASF SE having places of business at 67056 Ludwigshafen, Germany,
that may be g countries;	acquiring the entire right, title and interest in and to said invention and in and to any Letters Paten ranted therefore in the United States and its territorial possessions and in any and all foreign
the said invention to claim priority Arrangements from the Patent which management which management in countries and in	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 under the terms of the International Convention and other relevant International Treaties and room the aforesaid application) and the entire right, title and interest in and to any and all Letters ay 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), i	norize and request the Patent Office Officials in the United States and its territorial possessions and ign countries to issue any and all of said Letters Patent, when granted, to said ASSIGNEE(S) as f 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 and entirely as the same would have been held by me had this Assignment and sale not been
continuation, sub and all of said everything possi protection for said	ee 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, estitute, 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 ble to aid said ASSIGNEE(S), its (his) successors and assigns, to obtain and enforce proper d invention in the United States and its territorial possessions and in any and all foreign countries.
I hereby ackn 1001 by fine or in	owledge that any willful false statement made in this declaration is punishable under 18 U.S.C. nprisonment of not more than five (5) years, or both.
LEGAL NAME O	FINVENTOR
Inventor: Paul	Klingelhoefer Date: <u>18 / 대 / 근기업</u>
Signature:	and daything
	,

PATENT2
REEL: 038355 FRAME: 0329

As the below named inventor, I hereby declare that:			
on [] The attached application, or			
 [X] United States application or PCT international application number PCT/EP2014/068910 filed on 05th September 2014 			
entified application was made or authorized to be made by me.			
am the original inventor or an original joint inventor of a claimed invention in the application.			
ASF SE having places of business at: 67056 Ludwigshafen, Germany, efferred 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			
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 and to any and all divisions, reissues, continuations, substitutions and renewals thereof.			
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			
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 caths, 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			
ed Offring			
19 1 1 2015 19 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1			

PA₹ENT2
REEL: 038355 FRAME: 0330

	Invention			
***************************************	As the below n	named inventor, I hereby declare that:		
	This declaratio	on [] The attached application, or		
	is directed to:	[X] United States application or PCT international application number filed on 05th September 2014	PCT/EP2014/068910	
*********	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 i	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 foreign countries;			
NOW, THEREFORE, for good and valuable consideration the receipt and sufficiency of which is hacknowledged, I, by these presents do assign and transfer unto said ASSIGNEE(S), the full and exclusive is the said invention in the United States and its territorial possessions and in all foreign countries (including the to claim priority under the terms of the International Convention and other relevant International Treaties Arrangements from the aforesaid application) and the entire right, title and interest in and to any and all to Patent which may be granted therefor in the United States and its territorial possessions and in any and all focuntries and in and to any and all divisions, reissues, continuations, substitutions and renewals thereof.			full and exclusive right to untries (including the right nternational Treaties and and to any and all foreign and in any and all foreign.	
***************************************	I hereby authorize and request the Patent Office Officials in the United States and its territorial possessions any and all foreign countries to issue any and all of said Letters Patent, when granted, to said ASSIGNEE(S the assignee of my entire right, title and interest in and to the same, for the sole use and behoof of ASSIGNEE(S), its (his) successors and assigns, to the full end of the term for which said Letters Patent may granted, as fully and entirely as the same would have been held by me had this Assignment and sale not be 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.			
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LEGAL NAME OF INVENTOR				
	Inventor: Som	nnath Shivaji Kadam		
			Date: 12 01 2015	
		<u> </u>		
3	Signature:			
	- ·· · · · · · · · · · · · · · · · · ·			

US Declaration - national - 250346 **PATENT**: **REEL: 038355 FRAME: 0331 RECORDED: 04/22/2016**