503291185 05/04/2015

PATENT ASSIGNMENT COVER SHEET

Electronic Version v1.1 Stylesheet Version v1.2 EPAS ID: PAT3337803

SUBMISSION TYPE:	NEW ASSIGNMENT
NATURE OF CONVEYANCE:	ASSIGNMENT

CONVEYING PARTY DATA

Name	Execution Date
SEBASTIAN BERGER	12/03/2013
JUERGEN KACZUN	12/10/2013
PETER THUERY	12/12/2013
MARKUS HICKL	12/12/2013
STEVEN ZIJLSTRA	12/03/2013
MARTIN KAARUP BEK	12/03/2013
K. SHAUN TRANTER	12/10/2013

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:	14440440

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

Address Line 4: ALEXANDRIA, VIRGINIA 22314

ATTORNEY DOCKET NUMBER:	452964US99PCT
NAME OF SUBMITTER:	MELISSA GUILD
SIGNATURE:	/Melissa Guild/
DATE SIGNED:	05/04/2015

PATENT REEL: 035556 FRAME: 0595

503291185

This document serves as an Oath/Declaration (37 CFR 1.63).

Total Attachments: 7

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PATENT REEL: 035556 FRAME: 0596

Title of	
Invention	
As the below r	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/EP2013/073609 filed on 12th November 2013
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.
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 granted therefore in the United States and its territorial possessions and in any and all foreign
the said inventi to claim priorit Arrangements 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 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.
the assignee of 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 by 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 posi	pree 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, abstitute, 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 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: Seb	Date: 12/3/13
Signature:	C.Bo

US Declaration - national - 250346

Stand: 11/2012

Interior		
	I named inventor, I hereby declare that:	
This declaration		
is directed to:	[X] United States application or PCT international application number PCT/EP2013/073609 filed on 12th November 2013	
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.	
(hereinafter re 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 in and to any Letters Pate granted therefore in the United States and its territorial possessions and in any and all foreign	:nt gn
acknowledged, the said invent to claim priorit Arrangements Patent which n	EREFORE, for good and valuable consideration the receipt and sufficiency of which is herely I, by these presents do assign and transfer unto said ASSIGNEE(S), the full and exclusive right it 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 are from the aforesaid application) and the entire right, title and interest in and to any and all Letternay 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.	to ht nd
any and all for the assignee (ASSIGNEE(S)	thorize and request the Patent Office Officials in the United States and its territorial possessions are reign countries to issue any and all of said Letters Patent, when granted, to said ASSIGNEE(S) and 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 and entirely as the same would have been held by me had this Assignment and sale not be the same would have been held by me had this Assignment and sale not be the same would have been held by me had this Assignment and sale not be the same would have been held by me had this Assignment and sale not be the same would have been held by me had this Assignment and sale not be the same would have been held by me had this Assignment and sale not be the same would have been held by me had this Assignment and sale not be the same would have been held by me had this Assignment and sale not be the same would have been held by me had this Assignment and sale not be the same would have been held by me had this Assignment and sale not be the same would have been held by me had this Assignment and sale not be the same would have been held by me had this Assignment and sale not be the same would have be same would have be a same would have be a same where the same would have be a same would have be a same where we had the same where where we had the same where we would have be a same where we will be a sam	as iid
respecting sali continuation, si and all of salid everything pos	gree that I will communicate to said ASSIGNEE(S) or its (his) representatives any facts known to mode invention, and testify in any legal proceeding, sign all lawful papers, execute all divisions ubstitute, renewal and reissue applications, execute all necessary assignment papers to cause and Letters Patent to be issued to said ASSIGNEE(S), make all rightful oaths, and, generally casible to aid said ASSIGNEE(S), its (his) successors and assigns, to obtain and enforce properaid invention in the United States and its territorial possessions and in any and all foreign countries	al, ny do er
I hereby ac 1001 by fine or	knowledge that any willful false statement made in this declaration is punishable under 18 U.S. imprisonment of not more than five (5) years, or both.	О.
LEGAL NAME	OF INVENTOR	
Inventor: Jür	rgen Kaczun Date: 10.12.201	3
Signature:	Time / Many	

Stand: 11/2012.

Title of Invention	
As the below n	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/EP2013/073609 filed on 12th November 2013
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	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 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 inven to claim priori Arrangements Patent which	EREFORE, for good and valuable consideration the receipt and sufficiency of which is hereby it, I, by these presents do assign and transfer unto said ASSIGNEE(S), the full and exclusive right to tion in the United States and its territorial possessions and in all foreign countries (including the right ity 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 fo the assignee	uthorize and request the Patent Office Officials in the United States and its territorial possessions and preign 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 sa continuation, and all of sa	agree that I will communicate to said ASSIGNEE(S) or its (his) representatives any facts known to me aid 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 aid Letters Patent to be issued to said ASSIGNEE(S), make all rightful oaths, and, generally do assible 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 a 1001 by fine o	cknowledge that any willful false statement made in this declaration is punishable under 18 U.S.C. or imprisonment of not more than five (5) years, or both.
LEGAL NAME	E OF INVENTOR
Inventor: P	eter Thüry Date: 12.12.1013
Signature:	Peta TES

Stand: 11/2012

US Declaration - national - 250346

Title of Invention	
	amed inventor, I hereby declare that:
This declaratio	
is directed to:	[X] United States application or PCT international application number PCT/EP2013/073609 filed on 12th November 2013
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 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 granted therefore in the United States and its territorial possessions and in any and all foreign
acknowledged, 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 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 have be granted therefor in the United States and its territorial possessions and in any and all foreign hand 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 said continuation, stand 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 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	Date: 17.17.7013
Signature:	101. Clar

Stand: 11/2012

	MON BATA SHEET (37 CFK 1. 78) AND ASSIGNMENT
Title of Invention	
As the below named inventor, I	hereby declare that:
This declaration [] The attac	ched application, or
is directed to: [X] United Si filed on 1	tates application or PCT international application number PCT/EP2013/073609 2th November 2013
The above-identified application	was made or authorized to be made by me.
I believe that I am the original in	ventor or an original joint inventor of a claimed invention in the application.
(hereinafter referred to as "ASS is desirous of acquiring the enti	laces of business at: 67056 Ludwigshafen, Germany, SIGNEE(S)") re right, title and interest in and to said invention and in and to any Letters Patent in the United States and its territorial possessions and in any and all foreign
acknowledged, I, by these presente said invention in the United to claim priority under the term Arrangements from the aforesa Patent which may be granted the	ents do assign and transfer unto said ASSIGNEE(S), the full and exclusive right to States and its territorial possessions and in all foreign countries (including the right in so of the International Convention and other relevant International Treaties and id application) and the entire right, title and interest in and to any and all Letters erefor in the United States and its territorial possessions and in any and all foreign all divisions, reissues, continuations, substitutions and renewals thereof.
any and all foreign countries to the assignee of my entire right ASSIGNEE(S), its (his) success	est the Patent Office Officials in the United States and its territorial possessions and issue any and all of said Letters Patent, when granted, to said ASSIGNEE(S) as nt, title and interest in and to the same, for the sole use and behoof of said sors and assigns, to the full end of the term for which said Letters Patent may be to the same would have been held by me had this Assignment and sale not been
respecting said invention, and continuation, substitute, renewa and all of said Letters Patent everything possible to aid said	mmunicate to said ASSIGNEE(S) or its (his) representatives any facts known to me testify in any legal proceeding, sign all lawful papers, execute all divisional, I and reissue applications, execute all necessary assignment papers to cause any to be issued to said ASSIGNEE(S), make all rightful oaths, and, generally do ASSIGNEE(S), its (his) successors and assigns, to obtain and enforce proper ne United States and its territorial possessions and in any and all foreign countries.
	any willful false statement made in this declaration is punishable under 18 U.S.C. not more than five (5) years, or both.
LEGAL NAME OF INVENTOR	
Inventor: Steven Zijlstra	Date: 03/12 2013
1 1 / / / / / / / / / / / / / / / / / /	

Stand: 11/2012

Signature:

Invention		
As the below n	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 Po- filed on 12th November 2013	CT/EP2013/073609
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, iferred to as "ASSIGNEE(S)") acquiring the entire right, title and interest in and to said invention and in a granted therefore in the United States and its territorial possessions and	nd to any Letters Patent I in any and all foreign
acknowledged the said invent to claim priorit Arrangements Patent which n	REFORE, for good and valuable consideration the receipt and sufficient. I, by these presents do assign and transfer unto said ASSIGNEE(S), the find in the United States and its territorial possessions and in all foreign country under the terms of the International Convention and other relevant Internation the aforesaid application) and the entire right, title and interest in an may be granted therefor in the United States and its territorial possessions and and to any and all divisions, reissues, continuations, substitutions and rene	ull and exclusive right to ntries (including the right ternational Treaties and d to any and all Letters nd 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 te reign countries to issue any and all of said Letters Patent, when granted, to of my entire right, title and interest in and to the same, for the sole u , its (his) successors and assigns, to the full end of the term for which said lly and entirely as the same would have been held by me had this Assign	o said ASSIGNEE(S) as use and behoof of said d Letters Patent may be
respecting sai continuation, s and all of said everything pos	gree that I will communicate to said ASSIGNEE(S) or its (his) representative d invention, and testify in any legal proceeding, sign all lawful papers substitute, renewal and reissue applications, execute all necessary assignment Letters Patent to be issued to said ASSIGNEE(S), make all rightful of said said ASSIGNEE(S), its (his) successors and assigns, to obtain 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
	sknowledge that any willful false statement made in this declaration is punitrimprisonment of not more than five (5) years, or both.	ishable under 18 U.S.C.
LEGAL NAME	OF INVENTOR	,
Inventor: Ma	artin Kaarup Bek	Date: 3/12/13
Signature:	0//	

Stand: 11/2012

US Declaration - national - 250346

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/EP2013/073609 filed on 12th November 2013
The above-ide	ntified application was made or authorized to be made by me.
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acknowledged 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 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 have 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.
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 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.
	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; K.	Shaun Tranter Date: 10.12 2-213
Signature:	(Satral

Stand: 11/2012

US Declaration - national - 250346

RECORDED: 05/04/2015

PATENT REEL: 035556 FRAME: 0603