505294444 01/24/2019

PATENT ASSIGNMENT COVER SHEET

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SUBMISSION TYPE:	NEW ASSIGNMENT
NATURE OF CONVEYANCE:	ASSIGNMENT

CONVEYING PARTY DATA

Name	Execution Date
PHILIPP GRUENE	05/30/2016
CHRISTIAN WALSDORFF	06/07/2016
MARKUS SCHUBERT	06/03/2016
HOLGER BORCHERT	06/06/2018
JACOB CORNELIS VAN DORLAND	06/16/2016
JUERGEN ZUEHIKE	06/16/2016
STEFAN LIPP	07/01/2016
MICHAEL KRAEMER	07/05/2016

RECEIVING PARTY DATA

Name:	BASF SE
Street Address:	CARL-BOSCH-STRASSE 38
City:	LUDWIGSHAFEN AM RHEIN
State/Country:	GERMANY
Postal Code:	67056

PROPERTY NUMBERS Total: 1

Property Type	Number
Application Number:	15562019

CORRESPONDENCE DATA

(302)467-4201 Fax Number:

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: 302-467-4200

Email: shirley.brooks@dbr.com **Correspondent Name: GEOFFREY ZELLEY** Address Line 1: 222 DELAWARE AVENUE

Address Line 4: WILMINGTON, DELAWARE 19801-1621

ATTORNEY DOCKET NUMBER:	074014-0678(568445)
NAME OF SUBMITTER:	GEOFFREY ZELLEY
SIGNATURE:	/Geoffrey Zelley/

DATE SIGNED:	01/24/2019
Total Attachments: 8	
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Invention	
As the below n	amed inventor, I hereby declare that:
This declaration	n [] The attached application, or
is directed to:	[x] PCT international application number PCT/EP2016/055670 filed on 16 Mar 2016
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.
Germany (Fed (hereinafter re is desirous of	: 38 shafen am Rhein eral Republic of) 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 may 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.
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, 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 Inventor: Philip	OF INVENTOR p Gruene Date: 36.5.16
Signature:	Valytie to

US_PCT_Decl

Title of Invention		
As the below n	named inventor, I hereby declare that:	
This declaration	on [] The attached application, or	
is directed to:	[x] PCT international application number PCT/EP2016/055670 filed or 16 Mar 2016	n
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 i	n the application.
Germany (Fed (hereinafter re is desirous of	tr. 38 Joshafen am Rhein Josha	and to any Letters Patent nd in any and all foreign
acknowledged, the said invent to claim priorit Arrangements Patent which n	EREFORE, for good and valuable consideration the receipt and sufficient, I, by these presents do assign and transfer unto said ASSIGNEE(S), the attion in the United States and its territorial possessions and in all foreign country under the terms of the International Convention and other relevant III is 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 rer	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),	uthorize and request the Patent Office Officials in the United States and its to 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), its (his) successors and assigns, to the full end of the term for which satisfy and entirely as the same would have been held by me had this Assign	to said ASSIGNEE(S) as use and behoof of said aid Letters Patent may be
respecting said continuation, st and all of said everything pos	igree that I will communicate to said ASSIGNEE(S) or its (his) representative id 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 essible to aid said ASSIGNEE(S), its (his) successors and assigns, to obtain a said 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 btain and enforce proper
l hereby act 1001 by fine or	cknowledge that any willful false statement made in this declaration is pur r imprisonment of not more than five (5) years, or both.	nishable under 18 U.S.C.
LEGAL NAME Inventor: Christ	of Inventor Stian Walsdorff And Lill	Date: 01.06, 7016

US_PCT_Decl

Title of Invention		
As the below r	amed inventor, I hereby declare that:	
This declaration	n [] The attached application, or	
is directed to:	[x] PCT international application number PC 16 Mar 2016	T/EP2016/055670 filed on
The above-ide	ntified application was made or authorized to be r	nade by me.
I believe that I	am the original inventor or an original joint invent	or of a claimed invention in the application.
Germany (Fed (hereinafter re is desirous of	shafen am Rhein eral Republic of) ferred to as "ASSIGNEE(S)") acquiring the entire right, title and interest in and	to said invention and in and to any Letters Patent territorial possessions and in any and all foreign
acknowledged the said invent to claim priori Arrangements Patent which n	I, by these presents do assign and transfer unto ion in the United States and its territorial possess by under the terms of the International Conven from the aforesaid application) and the entire ri	the receipt and sufficiency of which is hereby is said ASSIGNEE(S), the full and exclusive right to sions and in all foreign countries (including the right it ion and other relevant International Treaties and ght, title and interest in and to any and all Letters its territorial possessions and in any and all foreign ions, substitutions and renewals thereof.
any and all for the assignee ASSIGNEE(S)	eign countries to issue any and all of said Lette of my entire right, title and interest in and to , its (his) successors and assigns, to the full end	the United States and its territorial possessions and its Patent, when granted, to said ASSIGNEE(S) as the same, for the sole use and behoof of said of the term for which said Letters Patent may be ald by me had this Assignment and sale not been
respecting sail continuation, s and all of said everything pos	d invention, and testify in any legal proceedir ubstitute, renewal and reissue applications, exec d Letters Patent to be issued to said ASSIGN sible to aid said ASSIGNEE(S), its (his) succe	i) or its (his) representatives any facts known to me og, sign all lawful papers, execute all divisional, ute all necessary assignment papers to cause any EE(S), make all rightful oaths, and, generally dossors and assigns, to obtain and enforce proper all possessions and in any and all foreign countries.
	knowledge that any willful false statement made imprisonment of not more than five (5) years, or	in this declaration is punishable under 18 U.S.C. both.
LEGAL NAME Inventor: Mark	OF INVENTOR us Schubert	Date: 3./6./2016
Signature:	$\mathcal{G}\mathcal{M}$	

US_PCT_Decl

Title of Invention	
As the below named	l inventor, I hereby declare that:
This declaration [] The attached application, or
is directed to: [x	 PCT international application number PCT/EP2016/055670 filed on 16 Mar 2016
The above-identified	application was made or authorized to be made by me.
I believe that I am th	e original inventor or an original joint inventor of a claimed invention in the application.
is desirous of acquir	
acknowledged, I, by the said invention in to claim priority und Arrangements from Patent which may be	DRE, for good and valuable consideration the receipt and sufficiency of which is hereby these presents do assign and transfer unto said ASSIGNEE(S), the full and exclusive right to the United States and its territorial possessions and in all foreign countries (including the right let the terms of the International Convention and other relevant International Treaties and the aforesaid application) and the entire right, title and interest in and to any and all Letters are granted therefor in the United States and its territorial possessions and in any and all foreign to any and all divisions, reissues, continuations, substitutions and renewals thereof.
any and all foreign of the assignee of my ASSIGNEE(S), its (h	e and request the Patent Office Officials in the United States and its territorial possessions and countries to issue any and all of said Letters Patent, when granted, to said ASSIGNEE(S) as a entire right, title and interest in and to the same, for the sole use and behoof of said his) successors and assigns, to the full end of the term for which said Letters Patent may be a entirely as the same would have been held by me had this Assignment and sale not been
respecting said invector continuation, substitution and all of said Letter everything possible	nat I will communicate to said ASSIGNEE(S) or its (his) representatives any facts known to me ention, and testify in any legal proceeding, sign all lawful papers, execute all divisional, ate, renewal and reissue applications, execute all necessary assignment papers to cause any ers Patent to be issued to said ASSIGNEE(S), make all rightful oaths, and, generally do to aid said ASSIGNEE(S), its (his) successors and assigns, to obtain and enforce proper vention in the United States and its territorial possessions and in any and all foreign countries.
I hereby acknowle 1001 by fine or impris	edge that any willful false statement made in this declaration is punishable under 18 U.S.C. sonment of not more than five (5) years, or both.
LEGAL NAME OF IN Inventor: Holger Boro	
Signature: 30	les Backert

US_PCT_Deci

Title of Invention
As the below named inventor, I hereby declare that:
This declaration [] The attached application, or
is directed to: [x] PCT international application number PCT/EP2016/055670 filed on 16 Mar 2016
The above-identified application was made or authorized to be made by me.
l believe that I am the original inventor or an original joint inventor of a claimed invention in the application.
WHEREAS, BASF SE Carl-Bosch-Str. 38 67056 Ludwigshafen am Rhein Germany (Federal Republic of) (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 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: Jacob Cornelis van Dorland Date: 16.06 30/6
Signature:

US_PCT_Decl

Title of Invention	
As the below named inventor, I hereby declare that:	
This declaration [] The attached application, or	
is directed to: [x] PCT international application number PCT/EP2016/055670 filed on 16 Mar 2016	
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 Carl-Bosch-Str. 38 67056 Ludwigshafen am Rhein Germany (Federal Republic of) (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 Pate that may be granted therefore in the United States and its territorial possessions and in any and all fore countries;	ent
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LEGAL NAME OF INVENTOR Inventor: Juergen Zuehike Date: 16, 6, 70/6	<u>.</u>

US_PCT_Deci

Title of Invention			
As the below named inventor, I hereby declare that:			
This declaration [] The attached application, or			
is directed to:	[x] PCT international application number PCT/EP2016/05567 16 Mar 2016	70 filed on	
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I hereby ac 1001 by fine or	knowledge that any willful false statement made in this declaration imprisonment of not more than five (5) years, or both.	on is punishable under 18 U.S.C.	
LEGAL NAME Inventor: Stefa	4/1 42	Date: 1.7.16	
Signature:/	Major papy		
	₩		

US_PCT_Decl

Will P		
Title of Invention		
As the below named inventor, I hereby declare that:		
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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: Michael Kraemer Date: 05/07/120/16 Signature:		

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