PATENT ASSIGNMENT COVER SHEET

Electronic Version v1.1 Stylesheet Version v1.2 EPAS ID: PAT4013506

SUBMISSION TYPE:	NEW ASSIGNMENT
NATURE OF CONVEYANCE:	ASSIGNMENT

CONVEYING PARTY DATA

Name	Execution Date
GERHARD OLBERT	08/04/2016
HOLGER FRIEDRICH	08/08/2016
ANDREAS WOELFERT	06/13/2016
ROBERT KUHN	06/13/2016
TOBIAS LENKE	06/13/2016
WOLFGANG GMEINER	06/13/2016

RECEIVING PARTY DATA

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

PROPERTY NUMBERS Total: 1

Property Type	Number	
Application Number:	14911952	

CORRESPONDENCE DATA

Fax Number: (215)988-2757

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: 215-988-2700

Email: Joseph.Barrera@dbr.com

Correspondent Name: JOSEPH BARRERA, ESQUIRE Address Line 1: DRINKER BIDDLE & REATH LLP Address Line 2: ONE LOGAN SQUARE, SUITE 2000 Address Line 4: PHILADELPHIA, PENNSYLVANIA 19103

ATTORNEY DOCKET NUMBER:	074008-1692-US-539312
NAME OF SUBMITTER:	JOSEPH BARRERA
SIGNATURE:	/JOSEPH BARRERA/
DATE SIGNED:	08/18/2016

PATENT REEL: 039477 FRAME: 0675 503966851

Total Attachments: 6 source=539312_Declarations#page1.tif source=539312_Declarations#page2.tif source=539312_Declarations#page3.tif source=539312_Declarations#page4.tif source=539312_Declarations#page5.tif source=539312_Declarations#page6.tif

PATENT REEL: 039477 FRAME: 0676

Title of Invention			
As the below named inventor, I hereby declare that:			
This declaratio	on [] The attached application, or		
is directed to:	[x] PCT international application number PCT/EP2014/066880 files 06 Aug 2014	d on 🐇	
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	on in the application.	
Germany (Fed (hereinafter re is desirous of	r. 38 shafen am Rhein leral Republic of) eferred to as "ASSIGNEE(S)") acquiring the entire right, title and interest in and to said invention and granted therefore in the United States and its territorial possessions	in and to any Letters Patent and in any and all foreign	
acknowledged the said invent to claim priorii Arrangements Patent which n	EREFORE, for good and valuable consideration the receipt and su I, I, by these presents do assign and transfer unto said ASSIGNEE(S), tion in the United States and its territorial possessions and in all foreign ty under the terms of the International Convention and other releval from the aforesaid application) and the entire right, title and interest may be granted therefor in the United States and its territorial possession in and to any and all divisions, reissues, continuations, substitutions and	the full and exclusive right to countries (including the right int International Treaties and in and to any and all Letters ons 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 reign countries to issue any and all of said Letters Patent, when grants of my entire right, title and interest in and to the same, for the so, its (his) successors and assigns, to the full end of the term for which lly and entirely as the same would have been held by me had this As	ed, to said ASSIGNEE(S) as ole use and behoof of said a said Letters Patent may be	
respecting sail continuation, s and all of said everything pos	gree that I will communicate to said ASSIGNEE(S) or its (his) represent id invention, and testify in any legal proceeding, sign all lawful passibilities, renewal and reissue applications, execute all necessary assid Letters Patent to be issued to said ASSIGNEE(S), make all right assible to aid said ASSIGNEE(S), its (his) successors and assigns, to said invention in the United States and its territorial possessions and in a	pers, execute all divisional, ignment papers to cause any ful oaths, and, generally do obtain and enforce proper	
I hereby ac 1001 by fine or	cknowledge that any willful false statement made in this declaration is r imprisonment of not more than five (5) years, or both.	punishable under 18 U.S.C.	
LEGAL NAME Inventor: Gerha	OF INVENTOR ard Olbert	Date: <u>4-04, 2016</u>	
Signature:	Jurhad Clyst		
<i>A</i>	<i>j</i>		

PATENT REEL: 039477 FRAME: 0677

This declaration	[]	The attached application, or	
is directed to:	[x]	PCT international application number PCT/EP2014/086880 filed on 06 Aug 2014	:
The above-identifi	The above-identified application was made or authorized to be made by me.		
I believe that I am	I believe that I am the original inventor or an original joint inventor of a claimed invention in the application.		
is desirous of acq	fen i Re ed t uirir		
acknowledged, I, I the said invention to claim priority u Arrangements from Patent which may	by the interior of the interio	RE, for good and valuable consideration the receipt and sufficient hese presents do assign and transfer unto said ASSIGNEE(S), the he United States and its territorial possessions and in all foreign courser the terms of the International Convention and other relevant in he aforesaid application) and the entire right, title and interest in a granted therefor in the United States and its territorial possessions in any and all divisions, reissues, continuations, substitutions and rer	full and exclusive right to intries (including the right international Treaties and nd to any and all Letters and in any and all foreign
any and all foreign the assignee of r ASSIGNEE(S), its	n co my (his	and request the Patent Office Officials in the United States and its to puntries to issue any and all of said Letters Patent, when granted, entire right, title and interest in and to the same, for the sole s) successors and assigns, to the full end of the term for which sa entirely as the same would have been held by me had this Assign	to said ASSIGNEE(S) as use and behoof of said id Letters Patent may be
respecting said in continuation, subs and all of said Le everything possible	nver titut ettei le to	at I will communicate to said ASSIGNEE(S) or its (his) representative ntion, and testify in any legal proceeding, sign all lawful papers te, renewal and reissue applications, execute all necessary assignments Patent to be issued to said ASSIGNEE(S), make all rightful to aid said ASSIGNEE(S), its (his) successors and assigns, to obtain in the United States and its territorial possessions and in any interesting the said ASSIGNEE(S).	s, execute all divisional, nent papers to cause any paths, and, generally do ptain and enforce proper
		dge that any wilful false statement made in this declaration is pur oriment of not more than five (5) years, or both.	sishable under 18 U.S.C.
LEGAL NAME OF Inventor: Holger Fi			Date: 8.8.206
Signature:		Holy/Fridrill	
			l

PATENT REEL: 039477 FRAME: 0678

Title of Invention

As the below named inventor, I hereby declare that:

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/EP2014/066880 filed on 06 Aug 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 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: Andreas Woelfert Date: 13 4 june 201
Signature: Andrews Wayn

US_PCT_Deci

Invention		
As the below named inventor, I hereby declare that:		
This declaratio	This declaration [] The attached application, or	
is directed to:	PCT international application number PCT/EP2014/066880 filed on 06 Aug 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.	
Germany (Fedi (hereinafter re is desirous of a	. 38 shafen am Rhein seral 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 pranted 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 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 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),	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 by and entirely as the same would have been held by me had this Assignment and sale not been	
respecting said continuation, si and all of said everything pos	pree that I will communicate to said ASSIGNEE(S) or its (his) representatives any facts known to me I 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 I 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 Inventor: Rober		
Signature	Wort Stalen	

US_PCT_Deci

Title	of
	ntion

As the below named inventor, I hereby declare that:

This declaration [] The attached application, or

is directed to:

[x] PCT international application number PCT/EP2014/066880 filed on

06 Aug 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 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: Tobias Lenke

Date: 13.06.2016

Signature:

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/EP2014/066880 filed on 05 Aug 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 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.
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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: Wolfgang Greiner Date: 13. 6.16
Signature: Wolffer Pere

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