PATENT ASSIGNMENT COVER SHEET

Electronic Version v1.1 Stylesheet Version v1.2

EPAS ID: PAT4825940

SUBMISSION TYPE:	NEW ASSIGNMENT
NATURE OF CONVEYANCE:	ASSIGNMENT

CONVEYING PARTY DATA

Name	Execution Date
HELMUT KRAUS	03/14/2017
RYAN LOUIS NIELSON	03/06/2017
BERND SIEVERNICH	02/27/2017
MARIANO ETCHEVERRY	04/14/2017
RICHARD R. EVANS	03/14/2017

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:	15739847

CORRESPONDENCE DATA

Fax Number: (919)998-5701

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: 919.998.5700

Iglenn@brinksgilson.com Email:

Correspondent Name: BASHIR M. ALI

4721 EMPEROR BOULEVARD Address Line 1:

Address Line 2: SUITE 220

Address Line 4: DURHAM, NORTH CAROLINA 27703

ATTORNEY DOCKET NUMBER:	13779-1383
NAME OF SUBMITTER: BASHIR M. ALI, REG. NO: 47,939	
SIGNATURE:	/Bashir Ali/
DATE SIGNED:	02/15/2018
	This document serves as an Oath/Declaration (37 CFR 1.63).

Total Attachments: 5source=13779-1383_Assmt_Decl_Inventors-to-SE#page1.tif source=13779-1383_Assmt_Decl_Inventors-to-SE#page2.tif source=13779-1383_Assmt_Decl_Inventors-to-SE#page3.tif

source=13779-1383_Assmt_Decl_Inventors-to-SE#page5.tif

source=13779-1383_Assmt_Decl_Inventors-to-SE#page4.tif

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/EP2016/065317 filed on 30 Jun 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-Strasse 38, 67056 Ludwigshafen am Rhein, 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 Patent that may be granted therefore in the United States and its territorial research 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: Helmut Kraus Date: Local In 17017

PATENT REEL: 044939 FRAME: 0827

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/EP2016/065317 filed on 30 Jun 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.
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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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I hereby acknowledge that any willful false statement made in this declaration is punishable under 18 U.S.C. 001 by fine or imprisonment of not more than five (5) years, or both.
EGAL NAME OF INVENTOR nventor: Ryan Louis Nielson Date: March 6, 2017

PATENT REEL: 044939 FRAME: 0828

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/EP2016/065317 filed on 30 Jun 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.
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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.
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: Bernd Sievernich Signature:

Title of Invention		
	I named inventor, I hereby declare that:	
This declaration		
is directed to:	[x] PCT international application number PCT/E 30 Jun 2016	EP2016/065317 filed on
The above-ide or an original j	ntified application was made or authorized to be ma oint inventor of a claimed invention in the application	de by me. I believe that I am the original inventor
WHEREAS, BASF SE Carl-Bosch-Sti 67056 Ludwig Germany	rasse 38 shafen am Rhein	
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acknowledged the said invent to claim priori Arrangements Patent which r	EREFORE, for good and valuable consideration to a large presents do assign and transfer unto so ion in the United States and its territorial possession by under the terms of the International Convention from the aforesaid application) and the entire right may be granted therefor in the United States and its n and to any and all divisions, reissues, continuation	aid ASSIGNEE(S), the full and exclusive right to ns and in all foreign countries (including the right n and other relevant International Treaties and title and interest in and to any and all Letters territorial possessions and in any and all foreign
and to any investal ASSIGNE based on appli	e that I either have the obligation to assign or have a entions made during my employment to said ASSIGN E, and/or that said ASSIGNEE has obtained full and cable national law, and that by this Assignment such aid ASSIGNEE is herewith confirmed or restated.	VEE based on my employment contract with exclusive rights in and to any such inventions
any and all for the assignee ASSIGNEE(S)	thorize and request the Patent Office Officials in the eign countries to issue any and all of said Letters For my entire right, title and interest in and to the its (his) successors and assigns, to the full end of ly and entirely as the same would have been held	Patent, when granted, to said ASSIGNEE(S) as same, for the sole use and behoof of said the term for which said Letters Patent may be
respecting said continuation, s and all of said everything pos	pree that I will communicate to said ASSIGNEE(S) of invention, and testify in any legal proceeding, ubstitute, renewal and reissue applications, execute I Letters Patent to be issued to said ASSIGNEE(sible to aid said ASSIGNEE(S), its (his) successed invention in the United States and its territorial processed.	sign all lawful papers, execute all divisional, all necessary assignment papers to cause any (S), make all rightful oaths, and, generally do ors and assigns, to obtain and enforce proper
I hereby ac 1001 by fine or	knowledge that any willful false statement made in imprisonment of not more than five (5) years, or bot	this declaration is punishable under 18 U.S.C. h.
LEGAL NAME Inventor: Maria	OF INVENTOR no Etcheverry	Date: ///////
Signature:	Juanion Selevary	

Title of Invention		
As the below nar	ned inventor, I hereby decis	are that:
This declaration	[] The attached applicat	ion, or
is directed to:	[x] PCT international app 30 Jun 2016	lication number PCT/EP2016/065317 filed on
The above-identi	fied application was made o	or authorized to be made by me.
I believe that I am	n the original inventor or an	original joint inventor of a claimed invention in the application.
(hereinafter refer	red to as "ASSIGNEE(S)")	idwigshafen am Rhein, Germany and interest in and to said invention and in and to any Letters Pate ad States and its territorial possessions and in any and all foreig
the said invention to claim priority un Arrangements fro Patent which may	by triese presents do assigning the United States and it under the terms of the intom the aforesaid application be granted therefor in the	uable consideration the receipt and sufficiency of which is herety in and transfer unto said ASSIGNEE(S), the full and exclusive right is territorial possessions and in all foreign countries (including the right ernational Convention and other relevant International Treaties and and the entire right, title and interest in and to any and all Letter United States and its territorial possessions and in any and all foreign reissues, continuations, substitutions and renewals thereof.
the assignee of a ASSIGNEE(S), its	n countries to issue any ar my entire right, title and i (his) successors and assi	Office Officials in the United States and its territorial possessions and all of said Letters Patent, when granted, to said ASSIGNEE(S) a nterest in and to the same, for the sole use and behoof of saigns, to the full end of the term for which said Letters Patent may bould have been held by me had this Assignment and sale not bee
respecting said if continuation, subs and all of said Le everything possible protection for said	ivention, and testify in ar titute, renewal and reissue etters Patent to be issued e to aid said ASSIGNEE(invention in the United Stat	said ASSIGNEE(S) or its (his) representatives any facts known to many legal proceeding, sign all lawful papers, execute all divisional applications, execute all necessary assignment papers to cause any to said ASSIGNEE(S), make all rightful oaths, and, generally down to said ASSIGNEE(S), make all rightful oaths, and enforce propers and its territorial possessions and in any and all foreign countries.
1001 by fine or imp	wiedge that any willful fals prisonment of not more than	e statement made in this declaration is punishable under 18 U.S.C n five (5) years, or both.
LEGAL NAME OF Inventor: Richard F		Date: Moss N 74,-

US_PCT_Dec/ PATENT RECORDED: 02/15/2018 REEL: 044939 FRAME: 0831

Signature: Rule 1 (us