505026165 07/30/2018

PATENT ASSIGNMENT COVER SHEET

Electronic Version v1.1 Stylesheet Version v1.2 EPAS ID: PAT5072915

SUBMISSION TYPE:	NEW ASSIGNMENT
NATURE OF CONVEYANCE:	ASSIGNMENT

CONVEYING PARTY DATA

Name	Execution Date
BERND BASTIAN SCHAACK	12/06/2017
HELMUT WANISCH	12/14/2017
BARBARA WUCHER	01/05/2018
SABINE HUBER	12/13/2017

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:	15765821

CORRESPONDENCE DATA

Fax Number: (302)467-4201

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**

222 DELAWARE AVENUE, STE. 1410 Address Line 1: Address Line 4: WILMINGTON, DELAWARE 19801-1621

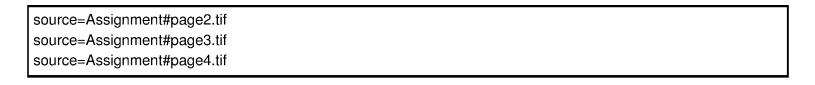
ATTORNEY DOCKET NUMBER:	074016-0131(576203)
NAME OF SUBMITTER:	GEOFFREY A. ZELLEY
SIGNATURE:	/Geoffrey A. Zelley/
DATE SIGNED:	07/30/2018
	This document serves as an Oath/Declaration (37 CFR 1.63).

Total Attachments: 4

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PATENT REEL: 046499 FRAME: 0352

505026165



PATENT REEL: 046499 FRAME: 0353

Title of	
Invention	
As the below n	named inventor, I hereby declare that:
This declaratio	on [] The attached application, or
is directed to:	[x] PCT international application number PCT/EP2016/073678 filed on 04 Oct 2016
The above-ide or an original jo	entified application was made or authorized to be made by me. I believe that I am the original inventor oint inventor of a claimed invention in the application.
WHEREAS, BASF SE Carl-Bosch-Str 67056 Ludwigs Germany	rasse 38 shafen am Rhein
is desirous of a	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
the said inventito claim priority Arrangements Patent which m	EREFORE, 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 try 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 in and to any and all divisions, reissues, continuations, substitutions and renewals thereof.
said ASSIGNER based on applic	e that I either have the obligation to assign or have already assigned the full and exclusive rights in entions made during my employment to said ASSIGNEE based on my employment contract with E, and/or that said ASSIGNEE has obtained full and exclusive rights in and to any such inventions cable national law, and that by this Assignment such transfer of right, title and interest in such aid ASSIGNEE is herewith confirmed or restated.
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 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 poss	gree 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, 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 i	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 O	OF INVENTOR Bastian Schaack Date: 25.12.20

US_PCT_Decl

Invention		
	I named inventor, I hereby declare that:	
This declaratio		
is directed to:	[x] PCT international application number PCT/EP2016 04 Oct 2016	5/073678 filed on
The above-ide	ntified application was made or authorized to be made by moint inventor of a claimed invention in the application.	ne. I believe that I am the original inventor
WHEREAS, BASF SE Carl-Bosch-Str 67056 Ludwigs Germany	rasse 38 shafen am Rhein	
is desirous of a	ferred to as "ASSIGNEE(S)") acquiring the entire right, title and interest in and to said in granted therefore in the United States and its territorial p	vention and in and to any Letters Patent possessions and in any and all foreign
the said inventi- to claim priority Arrangements of Patent which m countries and in	REFORE, for good and valuable consideration the receil, by these presents do assign and transfer unto said ASS ion in the United States and its territorial possessions and ity under the terms of the International Convention and of from the aforesaid application) and the entire right, title at hay be granted therefor in the United States and its territorian and to any and all divisions, reissues, continuations, substitutions.	SIGNEE(S), the full and exclusive right to n all foreign countries (including the right other relevant International Treaties and nd interest in and to any and all Letters al possessions and in any and all foreign titutions and renewals thereof.
said ASSIGNEE based on applic	e that I either have the obligation to assign or have already a suitions made during my employment to said ASSIGNEE base, and/or that said ASSIGNEE has obtained full and exclusicable national law, and that by this Assignment such transferaid ASSIGNEE is herewith confirmed or restated.	sed on my employment contract with
the assignee of ASSIGNEE(S),	horize and request the Patent Office Officials in the United seign countries to issue any and all of said Letters Patent, of my entire right, title and interest in and to the same, its (his) successors and assigns, to the full end of the tend of and entirely as the same would have been held by me	when granted, to said ASSIGNEE(S) as, for the sole use and behoof of said m for which said Letters Patent may be
continuation, su and all of said everything poss protection for sa	ree that I will communicate to said ASSIGNEE(S) or its (his I invention, and testify in any legal proceeding, sign all obstitute, renewal and reissue applications, execute all neceedates Patent to be issued to said ASSIGNEE(S), make the said ASSIGNEE(S), its (his) successors and aid invention in the United States and its territorial possession	I lawful papers, execute all divisional, essary assignment papers to cause any ke all rightful oaths, and, generally do assigns, to obtain and enforce properons and in any and all foreign countries.
I hereby ack 1001 by fine or i	nowledge that any willful false statement made in this dec imprisonment of not more than five (5) years, or both.	claration is punishable under 18 U.S.C.
LEGAL NAME C Inventor: Helmut	OF INVENTOR t Wanisch	Date: <u>// / / / / / / / / / / / / / / / / / </u>
Signature:		

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/EP2016/073678 filed on 04 Oct 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 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 further declare that I either have the obligation to assign or have already assigned the full and exclusive rights in and to any inventions made during my employment to said ASSIGNEE based on my employment contract with said ASSIGNEE, and/or that said ASSIGNEE has obtained full and exclusive rights in and to any such inventions based on applicable national law, and that by this Assignment such transfer of right, title and interest in such inventions to said ASSIGNEE is herewith confirmed or restated.
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: Barbara Wucher Date:
Signature:

US_PCT_Decl

PATENT REEL: 046499 FRAME: 0356

As the below named inventor, I hereby declare that: This declaration [] The attached application, or is directed to: [x] PCT international application number PCT/EP2016/073678 filed on	
This declaration [] The attached application, or is directed to: [x] PCT international application number PCT/EP2016/073678 filed on	
is directed to: [x] PCT international application number PCT/EP2016/073678 filed on	
04 Oct 2016	
The above-identified application was made or authorized to be made by me. I believe that I am the original inver or an original joint inventor of a claimed invention in the application.	ntor
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 Pat that may be granted therefore in the United States and its territorial possessions and in any and all fore countries;	ent ign
NOW, THEREFORE, for good and valuable consideration the receipt and sufficiency of which is here acknowledged, I, by these presents do assign and transfer unto said ASSIGNEE(S), the full and exclusive right the said invention in the United States and its territorial possessions and in all foreign countries (including the right colaim priority under the terms of the International Convention and other relevant International Treaties at Arrangements from the aforesaid application) and the entire right, title and interest in and to any and all Letter 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.	t to ght and
I further declare that I either have the obligation to assign or have already assigned the full and exclusive rights in and to any inventions made during my employment to said ASSIGNEE based on my employment contract with said ASSIGNEE, and/or that said ASSIGNEE has obtained full and exclusive rights in and to any such inventions based on applicable national law, and that by this Assignment such transfer of right, title and interest in such inventions to said ASSIGNEE is herewith confirmed or restated.	
I hereby authorize and request the Patent Office Officials in the United States and its territorial possessions a 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 sa 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.	as aid
Further, I agree that I will communicate to said ASSIGNEE(S) or its (his) representatives any facts known to respecting said invention, and testify in any legal proceeding, sign all tawful papers, execute all division continuation, substitute, renewal and reissue applications, execute all necessary assignment papers to cause a and all of said Letters Patent to be issued to said ASSIGNEE(S), make all rightful oaths, and, generally everything possible to aid said ASSIGNEE(S), its (his) successors and assigns, to obtain and enforce proportection for said invention in the United States and its territorial possessions and in any and all foreign countries	al, ny do
I hereby acknowledge that any willful false statement made in this declaration is punishable under 18 U.S. 1001 by fine or imprisonment of not more than five (5) years, or both.	C.
LEGAL NAME OF INVENTOR Inventor: Sabine Huber Date:	
Signature:	-

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PATENT REEL: 046499 FRAME: 0357