PATENT ASSIGNMENT COVER SHEET

Electronic Version v1.1 Stylesheet Version v1.2

EPAS ID: PAT4460718

SUBMISSION TYPE:	NEW ASSIGNMENT
NATURE OF CONVEYANCE:	ASSIGNMENT

CONVEYING PARTY DATA

Name	Execution Date
KARL-HEINZ SCHUMACHER	01/22/2016
GEMMA SANDERS	01/04/2016
KIMBERLY SIMANCAS	01/22/2016
OLIVER HARTZ	01/26/2016

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:	15529177	

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.

(703) 413-3000 Phone: Email: skim@oblon.com **Correspondent Name:** OBLON, ET AL. Address Line 1: 1940 DUKE STREET

Address Line 4: ALEXANDRIA, VIRGINIA 22314

ATTORNEY DOCKET NUMBER: 503783US		
NAME OF SUBMITTER:	HANA KIM	
SIGNATURE:	/HANA KIM/	
DATE SIGNED:	06/14/2017	
	This document serves as an Oath/Declaration (37 CFR 1.63).	

Total Attachments: 4

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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/EP2015/078370 filed on 02 Dec 2015
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 (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: Karl-Heinz Schumacher Date: 22-01-16
Signature: Karl Henry Schumh

Title of Invention			
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This declaration			
is directed to:	[x] PCT international application number PCT/EP2015/078370 f	iled on	
The above-ide	entified application was made or authorized to be made by me.		
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any and all for the assignee (ASSIGNEE(S),	thorize and request the Patent Office Officials in the United States an reign countries to issue any and all of said Letters Patent, when grated of my entire right, title and interest in and to the same, for the tits (his) successors and assigns, to the full end of the term for which and entirely as the same would have been held by me had this and entirely as the same would have been held by me had this and entirely as the same would have been held by me had this and entirely as the same would have been held by me had this and entirely as the same would have been held by me had this and entirely as the same would have been held by me had this and the same would have been held by me had this and the same would have been held by me had this and the same would have been held by me had this and the same would have been held by me had this and the same would have been held by me had this and the same would have been held by me had this and the same would have been held by me had this and the same would have been held by me had this and the same would have been held by me had this and the same would have been held by me had this and the same would have been held by me had this and the same would have been held by me had this and the same would have been held by me had the same would have been held by me had the same would have been held by me had the same would have been held by me had the same would have been held by me had the same would have been held by me had the same would have been held by me had the same would have been held by me had the same would have been held by me had the same would have been held by the same would	nted, to said ASSIGNEE(S) as sole use and behoof of said ch said Letters Patent may be	
respecting said continuation, si and all of said everything pos	gree that I will communicate to said ASSIGNEE(S) or its (his) represed invention, and testify in any legal proceeding, sign all lawful pubstitute, renewal and reissue applications, execute all necessary as Letters Patent to be issued to said ASSIGNEE(S), make all riguished to aid said ASSIGNEE(S), its (his) successors and assigns, aid invention in the United States and its territorial possessions and in	papers, execute all divisional, signment papers to cause any htful oaths, and, generally do to obtain and enforce proper	
I hereby act 1001 by fine or	knowledge that any willful false statement made in this declaration imprisonment of not more than five (5) years, or both.	is punishable under 18 U.S.C.	
LEGAL NAME	OF INVENTOR na Sanders	Date: www.Jaw 16	
Signature: $\int_{\mathbb{R}^d}$	CHAMAG LANGES.		

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	Title of Invention			
	As the below n	As the below named inventor, I hereby declare that:		
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	is directed to:	[x] PCT international application r 02 Dec 2015	number PCT/EP2015/078370 filed on	
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	acknowledged, the said inventi to claim priorit Arrangements Patent which m	I, by these presents do assign and the on in the United States and its territor y under the terms of the International from the aforesaid application) and the property of the United States in the United States and its territor in the United States in t	onsideration the receipt and sufficiency of tansfer unto said ASSIGNEE(S), the full and ital possessions and in all foreign countries (all Convention and other relevant Internatione entire right, title and interest in and to a States and its territorial possessions and in a state continuations, substitutions and renewals to	l exclusive right to including the right onal Treaties and ny and all Letters any and all foreign
	any and all for the assignee of ASSIGNEE(S),	eign countries to issue any and all of of my entire right, title and interest its (his) successors and assigns, to t	Officials in the United States and its territoria said Letters Patent, when granted, to said in and to the same, for the sole use an the full end of the term for which said Lette ve been held by me had this Assignment a	ASSIGNEE(S) as d behoof of said ers Patent may be
	respecting said continuation, si and all of said everything pos	d invention, and testify in any legal ubstitute, renewal and reissue applicated Letters Patent to be issued to said sible to aid said ASSIGNEE(S), its (SIGNEE(S) or its (his) representatives any f proceeding, sign all lawful papers, exec tions, execute all necessary assignment par d ASSIGNEE(S), make all rightful oaths, a (his) successors and assigns, to obtain an its territorial possessions and in any and all f	ute all divisional, pers to cause any and, generally do ad enforce proper
		knowledge that any willful false stater imprisonment of not more than five (5)	ment made in this declaration is punishable) years, or both.	under 18 U.S.C.
	LEGAL NAME	OF INVENTOR erly Simancas	Date: <u>*</u>	2/01/2016
	Signature	/ 1		

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/EP2015/078370 filed on 02 Dec 2015		
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. 1001 by fine or imprisonment of not more than five (5) years, or both.		
LEGAL NAME OF INVENTOR Inventor: Oliver Hartz Date: 26-01-16		
Signature:		

US_PCT_Deci PATENT
RECORDED: 06/14/2017 REEL: 042711 FRAME: 0517