502418511 07/14/2013

PATENT ASSIGNMENT

Electronic Version v1.1 Stylesheet Version v1.1

SUBMISSION TYPE:	NEW ASSIGNMENT
NATURE OF CONVEYANCE:	ASSIGNMENT

CONVEYING PARTY DATA

Name	Execution Date
Karl Kolter	04/05/2013
Maximilian Angel	05/13/2013
Matthias Karl	04/04/2013
Silke Gebert	04/29/2013
Michael Klemens Mueller	04/05/2013

RECEIVING PARTY DATA

Name:	BASF SE
Street Address:	Carl-Bosch-Strasse 38
City:	Ludwigshafen
State/Country:	GERMANY
Postal Code:	67056

PROPERTY NUMBERS Total: 1

Property Type	Number
Application Number:	13919092

CORRESPONDENCE DATA

7328151330 Fax Number:

Correspondence will be sent via US Mail when the fax attempt is unsuccessful.

Phone: 732-815-0404

Email: spedersen@dsiplaw.com Correspondent Name: Servilla Whitney LLC Address Line 1: 33 Wood Avenue South Address Line 2: Second Floor, Suite 210 Address Line 4: Iselin, NEW JERSEY 08830

ATTORNEY DOCKET NUMBER:	BSE0141-00US
NAME OF SUBMITTER:	Karen M. Whitney
	PATENT

Ш REEL: 030791 FRAME: 0982 502418511

Signature:	/Karen M. Whitney, Reg. No. 52,355/
Date:	07/14/2013
Total Attachments: 5 source=00366108#page1.tif source=00366108#page2.tif source=00366108#page3.tif source=00366108#page4.tif source=00366108#page5.tif	

PATENT REEL: 030791 FRAME: 0983

Invention			
As the below na	amed inventor, I hereby declare that:		
This declaration	n [k̪] The attached application, or		
is directed to:	[] United States application or PCT international application number filed on		
The above-ider	ntified application was made or authorized to be made by me.		
I believe that I a	am the original inventor or an original joint inventor of a claimed invention in the application.		
(hereinafter ref	WHEREAS, BASF SE having places of business at: 67056 Ludwigshafen, 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;		
acknowledged, unto said ASSI possessions an Convention and entire right, title States and its	REFORE, in consideration of the sum of ONE DOLLAR (\$1.00), the receipt whereof is hereby and for other good and valuable consideration, I, by these presents do sell, assign and transfer GNEE(S), the full and exclusive right to the said invention in the United States and its territorial and in all foreign countries (including the right to claim priority under the terms of the International dother relevant International Treaties and Arrangements from the aforesaid application) and the earn interest in and to any and all Letters Patent which may be granted therefor in the United territorial possessions and in any and all foreign countries and in and to any and all divisions, autations, substitutions and renewals thereof.		
any and all fore the assignee o 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 if 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	ree 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, obstitute, 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.		
	nowledge 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 C	OF INVENTOR		
Inventor: Karl	Kolter Date: 54 Juns		
,	A 6 A A		

PATENT REEL: 030791 FRAME: 0984

Title of Invention		
As the below n	named inventor, I hereby declare that:	
This declaratio	on [χ] The attached application, or	
is directed to:	 United States application or PCT international application numbe filed on 	r
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	in the application.
	ASF SE having places of business at: 67056 Ludwigshafen, Germany, eferred to as "ASSIGNEE(S)")	
	acquiring the entire right, title and interest in and to said invention and it granted therefore in the United States and its territorial possessions a	
acknowledged, unto said ASS possessions a Convention an entire right, titl States and its	EREFORE, in consideration of the sum of ONE DOLLAR (\$1.00), the land for other good and valuable consideration, I, by these presents of SIGNEE(S), the full and exclusive right to the said invention in the Unit and in all foreign countries (including the right to claim priority under the other relevant International Treaties and Arrangements from the afoile and interest in and to any and all Letters Patent which may be grateritorial possessions and in any and all foreign countries and in an unuations, substitutions and renewals thereof.	to sell, assign and transfer ed States and its territorial eterms of the International resaid application) and the nted therefor in the United
any and all for the assignee of ASSIGNEE(S),	thorize and request the Patent Office Officials in the United States and its reign 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 said and entirely as the same would have been held by me had this Assigns.	I, to said ASSIGNEE(S) as e use and behoof of said 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) representat d invention, and testify in any legal proceeding, sign all lawful paperubstitute, renewal and reissue applications, execute all necessary assign d Letters Patent to be issued to said ASSIGNEE(S), make all rightfussible to aid said ASSIGNEE(S), its (his) successors and assigns, to said invention in the United States and its territorial possessions and in an	ers, execute all divisional, nment papers to cause any I oaths, and, generally do obtain and enforce proper
	knowledge that any willful false statement made in this declaration is primprisonment of not more than five (5) years, or both.	unishable under 18 U.S.C.
LEGAL NAME	OF INVENTOR	
Inventor: Ma	eximilian Angel	Date: 13, 5, 2017
Signature:	Wainka Wal	WGIE.

PATENT REEL: 030791sFRAME: 0985

Title of Invention		
As the below r	named inventor, I hereby declare that:	
This declaration	n [չ] The attached application, or	
is directed to:	[] United States application or PCT international application number filed on	
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.	
WHEREAS, BASF SE having places of business at: 67056 Ludwigshafen, 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;		
acknowledged unto said ASS possessions a Convention an entire right, titi States and its	REFORE, in consideration of the sum of ONE DOLLAR (\$1.00), the receipt whereof is hereby, and for other good and valuable consideration, I, by these presents do sell, assign and transfer IGNEE(S), the full and exclusive right to the said invention in the United States and its territorial and in all foreign countries (including the right to claim priority under the terms of the International dother relevant International Treaties and Arrangements from the aforesaid application) and the le and interest in and to any and all Letters Patent which may be granted therefor in the United territorial possessions and in any and all foreign countries and in and to any and all divisions, nuations, 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	
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.		
	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	OF INVENTOR	
Inventor: Ma	tthias Karl Date: 1th April 2013	
Signature:	Mahhias 44 P	

PATENT REEL: 030791 FRAME: 0986

US Declaration - national - 250346

Signature:___

Title of Invention		
As the below r	named inventor, I hereby declare that:	
This declaration	on [k] The attached application, or	
is directed to:	United States application or PCT internation filed on	al application number
The above-ide	entified application was made or authorized to be made	le by me.
I believe that I	am the original inventor or an original joint inventor of	of a claimed invention in the application.
(hereinafter re is desirous of a	ASF SE having places of business at: 67056 Ludwig eferred to as "ASSIGNEE(S)") acquiring the entire right, title and interest in and to granted therefore in the United States and its ten	said invention and in and to any Letters Patent
acknowledged, unto said ASS possessions a Convention an entire right, titl States and its	EREFORE, in consideration of the sum of ONE D, and for other good and valuable consideration, I, SIGNEE(S), the full and exclusive right to the said and in all foreign countries (including the right to claim other relevant International Treaties and Arrangele and interest in and to any and all Letters Paters territorial possessions and in any and all foreign nuations, substitutions and renewals thereof.	by these presents do sell, assign and transfer invention in the United States and its territorial aim priority under the terms of the International ements from the aforesaid application) and the t which may be granted therefor in the United
any and all for the assignee (ASSIGNEE(S),	thorize and request the Patent Office Officials in the reign 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 lly and entirely as the same would have been held	Patent, when granted, to said ASSIGNEE(S) as a same, for the sole use and behoof of said the term for which said Letters Patent may be
respecting said continuation, si and all of said everything pos	gree that I will communicate to said ASSIGNEE(S) of invention, and testify in any legal proceeding, ubstitute, renewal and reissue applications, executed Letters Patent to be issued to said ASSIGNEE(spike to aid said ASSIGNEE(S), its (his) successed invention in the United States and its territorial personners.	sign all lawful papers, execute all divisional, all necessary assignment papers to cause any S), make all rightful oaths, and, generally doors and assigns, to obtain and enforce proper
	knowledge that any willful false statement made in imprisonment of not more than five (5) years, or bot	
LEGAL NAME	OF INVENTOR	
Inventor: Silk	ke Gebert	Date; <u>29</u> . 04. <u>23</u>
Signature:	Sile Gdef	

PATENT REEL: 030791_sFRAME: 0987

Title of Invention				
As the below r	named inventor, I hereby declare that:			
This declaration	on [k] The attached application, or			
is directed to:	[] United States application or PCT international application number filed on			
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.			
(hereinafter re	WHEREAS, BASF SE having places of business at: 67056 Ludwigshafen, 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			
countries;	granted therefore in the United States and its territorial possessions and in any and all foreign			
acknowledged, unto said ASS possessions a Convention an entire right, titl States and its	REFORE, in consideration of the sum of ONE DOLLAR (\$1.00), the receipt whereof is hereby, and for other good and valuable consideration, I, by these presents do sell, assign and transfer sIGNEE(S), the full and exclusive right to the said invention in the United States and its territorial and in all foreign countries (including the right to claim priority under the terms of the International do other relevant International Treaties and Arrangements from the aforesaid application) and the le and interest in and to any and all Letters Patent which may be granted therefor in the United territorial possessions and in any and all foreign countries and in and to any and all divisions, nuations, 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, so 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 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	OF INVENTOR			
nventor: Mic	chael Klemens Müller Date: 5.04.73			
Signature:	H. Hat			

PATENT REEL: 030791 FRAME: 0988

us **RECORDED**: 07/14/2013