502280318 03/21/2013

PATENT ASSIGNMENT

Electronic Version v1.1 Stylesheet Version v1.1

SUBMISSION TYPE: NEW ASSIGNMENT	
NATURE OF CONVEYANCE:	ASSIGNMENT

CONVEYING PARTY DATA

Name	Execution Date
Jan STRITTMATTER	02/22/2013
Karl HAEBERLE	12/10/2012
Wolfgang GRABARSE	12/12/2012
Ivette GARCIA CASTRO	12/11/2012
Markus HANSCH	12/10/2012
Irene TROETSCH-SCHALLER	12/10/2012
Stephan SCHENK	12/19/2012
Michael SCHROERS	12/10/2012
Bernhard LANGE	01/04/2013

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:	13783708	

CORRESPONDENCE DATA

Fax Number: 7034132220

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

Phone: (703) 413-3000

Email: mkassaye@oblon.com

Correspondent Name: Oblon, Spivak, et al.

Address Line 1: 1940 Duke Street

Address Line 4: Alexandria, VIRGINIA 22314

PATENT

REEL: 030055 FRAME: 0469

OF \$40.00 13/83/08

502280318

ATTORNEY DOCKET NUMBER:	412877US99
NAME OF SUBMITTER:	Mesfin Kassaye
	This document serves as an Oath/Declaration (37 CFR 1.63).
Total Attachments: 9 source=412877US99 ASSIGNMENT#page	2.tif 3.tif 4.tif 5.tif 6.tif 7.tif 8.tif

PATENT REEL: 030055 FRAME: 0470

Invention			
As the below named inventor, I hereby declare that:			
This declaratio	This declaration [] The attached application, or		
is directed to:	[X] United States application or PCT international application number 13/783708 filed on March 4, 2013		
The above-ide	ntified application was made or authorized to be made by me.		
I believe that I	I believe that I am the original inventor or an original joint inventor of a claimed invention in the application.		
(hereinafter re is desirous of	ASF SE having places of business at: 67056 Ludwigshafen, Germany, iferred 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		
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, muations, 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 reign 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		
continuation, s 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 d Letters Patent to be issued to said ASSIGNEE(S), make all rightful oaths, and, generally do saible 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.		
l hereby ac 1001 by fine or	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: Jar	Date: 22/02/13		
Signature:	I Stubbe		

PATENT REEL: 030055 FRAME: 0471

Title of Invention		
As the below n	amed inventor, I hereby declare that:	
This declaratio	This declaration [] The attached application, or	
is directed to:	[X] United States application or PCT international application number 13/783708 filed on March 4, 2013	
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I believe that I	am the original inventor or an original joint inventor of a claimed invention in the application.	
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acknowledged unto said ASS possessions a Convention an entire right, tit 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 reign 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 lly and entirely as the same would have been held by me had this Assignment and sale not been	
respecting sai continuation, s 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, substitute, renewal and reissue applications, execute all necessary assignment papers to cause any d Letters Patent to be issued to said ASSIGNEE(S), make all rightful oaths, and, generally do ssible to aid said ASSIGNEE(S), its (his) successors and assigns, to obtain and enforce proper said invention in the United States and its territorial possessions and in any and all foreign countries.	
	cknowledge that any willful false statement made in this declaration is punishable under 18 U.S.C. r imprisonment of not more than five (5) years, or both.	
LEGAL NAME	OF INVENTOR	
Inventor: Ka	nrl Häberle Date: 10 12. 2012	
Signature:	Valaber	

PATENT REEL: 030055 FRAME: 0472

Title of Invention			
As the below r	named inventor, I hereby declare that:		
This declaration	This declaration [] The attached application, or		
is directed to:	[x] United States application or PCT international application number 13/783708 filed on March 4, 2013		
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)")		
is desirous of	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		
acknowledged unto said ASS possessions a Convention ar entire right, tit States and its	EREFORE, in consideration of the sum of ONE DOLLAR (\$1.00), the receipt whereof is hereby it, 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 and other relevant International Treaties and Arrangements from the aforesaid application) and the tie and interest in and to any and all Letters Patent which may be granted therefor in the United is territorial possessions and in any and all foreign countries and in and to any and all divisions, inuations, substitutions and renewals thereof.		
any and all fo the assignee ASSIGNEE(S	athorize and request the Patent Office Officials in the United States and its territorial possessions and reign 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 ally and entirely as the same would have been held by me had this Assignment and sale not been		
respecting sa continuation, s and all of sal everything po	agree that I will communicate to said ASSIGNEE(S) or its (his) representatives any facts known to me aid invention, and testify in any legal proceeding, sign all lawful papers, execute all divisional, substitute, renewal and reissue applications, execute all necessary assignment papers to cause any id Letters Patent to be issued to said ASSIGNEE(S), make all rightful oaths, and, generally do assible to aid said ASSIGNEE(S), its (his) successors and assigns, to obtain and enforce proper said invention in the United States and its territorial possessions and in any and all foreign countries.		
I hereby at 1001 by fine o	cknowledge that any willful false statement made in this declaration is punishable under 18 U.S.C. or imprisonment of not more than five (5) years, or both.		
LEGAL NAME	E OF INVENTOR		
Inventor: W	/olfgang Grabarse Date: 以. 収.		
Signature: (1	valloum a aloma		

PATENT Stand: 11/2012 REEL: 030055 FRAME: 0473

As the below named inventor, I hereby declare that:		
This declaration [] The attached application, or		
is directed to: [x] United States application or PCT international application number 13/783708 filed on March 4, 2013		
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 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;		
NOW, THEREFORE, in consideration of the sum of ONE DOLLAR (\$1.00), the receipt whereof is hereby acknowledged, and for other good and valuable consideration, I, by these presents do sell, 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: Ivette Garcia Castro Date: M. 13-2011		
Signature: Lutte Screen Cets Street		

PATENT Siand: 11/2012 REEL: 030055 FRAME: 0474

Title of Invention

Title of Invention	
As the below r	named inventor, I hereby declare that:
This declaration	on [] The attached application, or
is directed to:	[X] United States application or PCT international application number 13/783708 filed on March 4, 2013
The above-ide	intified 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 is desirous of	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 in and to any Letters Patent granted therefore in the United States and its territorial possessions and in any and all foreign
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I hereby ac 1001 by fine o	cknowledge that any willful false statement made in this declaration is punishable under 18 U.S.C. or imprisonment of not more than five (5) years, or both.
LEGAL NAME	OF INVENTOR
Inventor: M	arkus Hansch Date: 10.12.2012
Signature:	Morun Lamsa

PATENT Stand: 11/2012 REEL: 030055 FRAME: 0475

Invention		
As the below n	named inventor, I hereby declare that:	
This declaratio	This declaration [] The attached application, or	
is directed to:	[X] United States application or PCT international application number 13/783708 filed on March 4, 2013	
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)	athorize and request the Patent Office Officials in the United States and its territorial possessions reign countries to issue any and all of said Letters Patent, when granted, to said ASSIGNEE(S) of my entire right, title and interest in and to the same, for the sole use and behoof of s), its (his) successors and assigns, to the full end of the term for which said Letters Patent may ally and entirely as the same would have been held by me had this Assignment and sale not be) as said / be
respecting said continuation, said all of said everything pos	agree that I will communicate to said ASSIGNEE(S) or its (his) representatives any facts known to id invention, and testify in any legal proceeding, sign all lawful papers, execute all division substitute, renewal and reissue applications, execute all necessary assignment papers to cause id Letters Patent to be issued to said ASSIGNEE(S), make all rightful oaths, and, generally assible to aid said ASSIGNEE(S), its (his) successors and assigns, to obtain and enforce propagated invention in the United States and its territorial possessions and in any and all foreign countries.	nal, any do oper
	cknowledge that any willful false statement made in this declaration is punishable under 18 U.S or imprisonment of not more than five (5) years, or both.	3.C.
LEGAL NAME	OF INVENTOR	
Inventor: Ire	ene Trötsch-Schaller Date: 12 12 12	
Signature:	Trene Tushif-Shaller	

PATENT Stand: 11/2012 REEL: 030055 FRAME: 0476

Invention		
As the below named inventor, I hereby declare that:		
This declaration [] The attached application, or		
is directed to: [X] United States application or PCT international application number 13/783708 filed on March 4, 2013		
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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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: Stephan Schenk Date: 19.12.2012		
Signature: Seg () - C		

PATENT Siand: 11/2012 REEL: 030055 FRAME: 0477

Title of

Title of Invention			
As the below named inventor, I hereby declare that:			
This declaration [] The attached application, or			
is directed to:	[X] United States application or PCT international application number 13/783708 filed on March 4, 2013		
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LEGAL NAME	OF INVENTOR		
Inventor: Mi	chael Schroers Date: 10.11.2012		
Signature:	hidul Shem.		

PATENT Siand: 11/2012 REEL: 030055 FRAME: 0478

Invention			
As the below named inventor, I hereby declare that:			
This declaration	[] The attached application, or		
is directed to:	[x] United States application or PCT international application number filed on March 4, 2013	13/783708	
The above-ident	tified application was made or authorized to be made by me.		
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(hereinafter refersions of ac	SF SE having places of business at: 67056 Ludwigshafen, Germany, erred to as "ASSIGNEE(S)") cquiring the entire right, title and interest in and to said invention and in a ranted therefore in the United States and its territorial possessions and		
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any and all fore the assignee of ASSIGNEE(S),	norize and request the Patent Office Officials in the United States and its te eign countries to issue any and all of said Letters Patent, when granted, to if my entire right, title and interest in and to the same, for the sole units (his) successors and assigns, to the full end of the term for which said y and entirely as the same would have been held by me had this Assign	o said ASSIGNEE(S) as use and behoof of said d Letters Patent may be	
respecting said continuation, su and all of said everything poss	ree that I will communicate to said ASSIGNEE(S) or its (his) representative invention, and testify in any legal proceeding, sign all lawful papers obstitute, renewal and reissue applications, execute all necessary assignmenters. Letters Patent to be issued to said ASSIGNEE(S), make all rightful consible to aid said ASSIGNEE(S), its (his) successors and assigns, to obtain in the United States and its territorial possessions and in any a	s, execute all divisional, ent papers to cause any paths, and, generally do tain and enforce proper	
	knowledge that any willful false statement made in this declaration is pun imprisonment of not more than five (5) years, or both.	ishable under 18 U.S.C.	
LEGAL NAME C	OF INVENTOR		
Inventor: Berr	nhard Lange	Date: 04.01, 2013	
Signatura	Rembard Land		

PATENT Stand: 11/2012 REEL: 030055 FRAME: 0479

Title of