#### PATENT ASSIGNMENT

#### Electronic Version v1.1 Stylesheet Version v1.1

SUBMISSION TYPE:	NEW ASSIGNMENT
NATURE OF CONVEYANCE:	ASSIGNMENT

#### **CONVEYING PARTY DATA**

Name	Execution Date
Rainer Dobrawa	05/02/2013
Sophia Ebert	04/25/2013
Stefano Scialla	08/13/2013
Frank Huelskoetter	05/02/2013
Gloria Di Capua	06/28/2013
Patrick Delplancke	06/26/2013
Marc Evers	08/20/2013
Melissa Cuthbertson	01/01/2013
Glenn Ward	06/27/2013
Anju Brooker	01/01/2013
Phan Shean Lim	06/26/2013
Michael Stanford Showoll	08/31/2013

#### **RECEIVING PARTY DATA**

Name:	BASF SE
Street Address:	Carl-Bosch-Str. 38
City:	Ludwigshafen
State/Country:	FEDERAL REPUBLIC GERMANY
Postal Code:	67056

#### PROPERTY NUMBERS Total: 1

Property Type	Number
Application Number:	13890409

#### **CORRESPONDENCE DATA**

**Fax Number**: 3026585614

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

Phone: 302-658-9141

Email: sara.maloney@rocketmail.com

PATENT REEL: 031275 FRAME: 0189 P \$40,00 13890409

502508388

Correspondent Name: Novak Druce Connolly Bove + Quigg LLP Address Line 1: 1007 North Orange Street Address Line 2: P.O. Box 2207 Address Line 4: Wilmington, DELAWARE 19899 ATTORNEY DOCKET NUMBER: 12810-01524-US NAME OF SUBMITTER: Daniel A. Rube Signature: /Daniel A. Rube/ 09/25/2013 Date: This document serves as an Oath/Declaration (37 CFR 1.63). Total Attachments: 12 source=DEC\_Assignment#page1.tif source=DEC\_Assignment#page2.tif source=DEC\_Assignment#page3.tif source=DEC\_Assignment#page4.tif source=DEC\_Assignment#page5.tif source=DEC\_Assignment#page6.tif source=DEC\_Assignment#page7.tif source=DEC\_Assignment#page8.tif source=DEC\_Assignment#page9.tif source=DEC\_Assignment#page10.tif source=DEC\_Assignment#page11.tif source=DEC\_Assignment#page12.tif

> PATENT REEL: 031275 FRAME: 0190

Title of 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 $13/890409$ filed on May 9, 2013		
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;			
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 ac 1001 by fine or	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: Ra	Date: May 2ud 2013		

PATENT REEL: 031275 FRAME: 0191

Invention			
As the below n	amed inventor, I hereby declare that:		
This declaration [ ] The attached application, or			
is directed to:	[x] United States application or PCT international application number 13/890409 filed on May 9, 2013		
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respecting sail 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 deletters Patent to be issued to said ASSIGNEE(S), make all rightful oaths, and, generally dossible 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 ac 1001 by fine or	knowledge that any willful false statement made in this declaration is punishable under 18 U.S.C. rimprisonment of not more than five (5) years, or both.		
LEGAL NAME OF INVENTOR			
Inventor: So	phia Ebert  Date: 25 4. 2013		
Signature:	Sopria IST		

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 13/890409 filed on 09th May 2013
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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) at 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 deeverything 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: Stefano Scialla

PATENT<sub>Stand: 11/2012</sub>
REEL: 031275 FRAME: 0193

Signature:\_

Title of Invention		
As the below named inventor, I hereby declare that:		
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is directed to: [X] United States application or PCT international application number 13/890409 filed on May 9, 2013		
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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.		
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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: Frank Huelskoetter  Date: May 2 201		
Signature: 4 4 4 CC		

PATENT Stand: 11/2012 REEL: 031275 FRAME: 0194

Title of Invention			
As the below n	As the below named inventor, I hereby declare that:		
This declaration	This declaration [ ] The attached application, or		
is directed to:	[X] United States application or PCT inter filed on 09th May 2013	national application number 13/890409	
The above-ide	ntified application was made or authorized to l	pe made by me.	
I believe that I	am the original inventor or an original joint inv	entor 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 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 an Convention an entire right, titl States and its	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.		
any and all for the assignee ( ASSIGNEE(S),	eign countries to issue any and all of said Le of my entire right, title and interest in and its (his) successors and assigns, to the full	in the United States and its territorial possessions and etters Patent, when granted, to said ASSIGNEE(S) as to the same, for the sole use and behoof of said end of the term for which said Letters Patent may be n held by me had this Assignment and sale not been	
respecting said continuation, said and all of said everything pos	d invention, and testify in any legal proce ubstitute, renewal and reissue applications, e d Letters Patent to be issued to said ASSI sible to aid said ASSIGNEE(S), its (his) su	E(S) or its (his) representatives any facts known to meeding, sign all lawful papers, execute all divisional, execute all necessary assignment papers to cause any GNEE(S), make all rightful caths, and, generally do accessors and assigns, to obtain and enforce proper forial possessions and in any and all foreign countries.	
	knowledge that any willful false statement m imprisonment of not more than five (5) years	ade in this declaration is punishable under 18 U.S.C. or both.	
LEGAL NAME	OF INVENTOR		
inventor: Gio	oria Di Capua	Date: Ture 28, 20B	
Signature	01 . d f		

Stand: 11/2012

	(4	
Title of Invention		
As the below named inventor, I hereby declare that:	ATTACAM ATTACAM	
This declaration [ ] The attached application, or		
is directed to: [X] United States application or PCT international application number filed on 09th May 2013	13/890409	
The above-identified application was made or authorized to be made by me.		
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I hereby authorize and request the Patent Office Officials in the United States and its any and all foreign countries to issue any and all of said Letters Patent, when granted, the assignee of my entire right, title and interest in and to the same, for the sole ASSIGNEE(S), its (his) successors and assigns, to the full end of the term for which s granted, as fully and entirely as the same would have been held by me had this Assignade.	to said ASSIGNEE(S) as use and behoof of said aid Letters Patent may be	
Further, I agree that I will communicate to said ASSIGNEE(S) or its (his) representative respecting said invention, and testify in any legal proceeding, sign all lawful paper continuation, substitute, renewal and reissue applications, execute all necessary assign and all of said Letters Patent to be issued to said ASSIGNEE(S), make all rightful everything possible to aid said ASSIGNEE(S), its (his) successors and assigns, to oprotection for said invention in the United States and its territorial possessions and in any	rs, execute all divisional, ment papers to cause any oaths, and, generally do obtain and enforce proper	
I hereby acknowledge that any willful false statement made in this declaration is put 1001 by fine or imprisonment of not more than five (5) years, or both.	ınishable under 18 U.S.C.	
LEGAL NAME OF INVENTOR		
Inventor: Patrick Delplancke	Date TOUR 80	
	Date: JUNE 26 2013	
Signatura		

PATENT 11/2012
REEL: 031275 FRAME: 0196

Invention			
As the below r	named inventor, I hereby declare that:		
This declaration	This declaration [] The attached application, or		
is directed to:	<ul><li>[X] United States application or PCT international application number 13/890409 filed on 09th May 2013</li></ul>		
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.		
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	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	Date: 10/08/2013		
Signature:			

PATENT 11/2012
REEL: 031275 FRAME: 0197

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 13/890409 filed on 09th May 2013		
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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: Melissa Cuthbertson  Date: 1st July 2013		
Signature: Mullibuta		

US Declaration - national - 250346

Stand: 11/2012

i itle of Invention		
As the below named inventor, I hereby declare that:		
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LEGAL NAME OF INVENTOR		
Inventor: Gle	Date: 27/6/2013	
Signature:	GSWard	

US Declaration - national - 250346

PATENT Stand: 11/2012

REEL: 031275 FRAME: 0199

Title of Invention		
As the below named inventor, I hereby declare that:		
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LEGAL NAME OF INVENTOR		
Inventor: An	ju Brooker Date: 15 July 2012	
Signature:/	Trya Brooker	

PATENT<sub>Stand. 11/2012</sub>
REEL: 031275 FRAME: 0200

Title of Invention
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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 Paten 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 transfe 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 deeverything 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: Phan Shean Lim  Date: 16 Jule 2013

PATENT 11/2012
REEL: 031275 FRAME: 0201

Signature:\_\_

1991 4 5 M	
Title of Invention	
As the below	v named inventor, I hereby declare that:
This declarat	
is directed to	
The above-id	dentified 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, E (hereinafter r	BASF SE having places of business at: 67056 Ludwigshafen, Germany, referred to as "ASSIGNEE(S)") of acquiring the entire right, title and interest in and to said invention and in and to any Letters Pate granted therefore in the United States and its territorial possessions and in any and all foreign
unto said AS possessions of Convention a entire right, ti States and its	IEREFORE, in consideration of the sum of ONE DOLLAR (\$1.00), the receipt whereof is hereton, and for other good and valuable consideration, I, by these presents do sell, assign and transfections is the full and exclusive right to the said invention in the United States and its territorical and in all foreign countries (including the right to claim priority under the terms of the International of the International Treaties and Arrangements from the aforesaid application) and the little and interest in and to any and all Letters Patent which may be granted therefor in the United sterritorial possessions and in any and all foreign countries and in and to any and all divisions the tinuations, substitutions and renewals thereof.
the assignee ASSIGNEE(S)	uthorize and request the Patent Office Officials in the United States and its territorial possessions an preign countries to issue any and all of said Letters Patent, when granted, to said ASSIGNEE(S) a 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 but Illy and entirely as the same would have been held by me had this Assignment and sale not bee
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I hereby ac	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: Mic	ohael Stanford Showell
Signature:	Michael Farford From G

PATENT REEL: 031275 FRAME: 0202

**RECORDED: 09/25/2013**