502305606 04/10/2013

PATENT ASSIGNMENT

Electronic Version v1.1 Stylesheet Version v1.1

SUBMISSION TYPE:	NEW ASSIGNMENT
NATURE OF CONVEYANCE:	ASSIGNMENT

CONVEYING PARTY DATA

Name	Execution Date
/Sigmar Brauninger	12/20/2012
Gordon Calundann	01/03/2013
Brian Benicewicz	01/10/2013
Guoqing Qian	02/28/2013

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:	13742774

CORRESPONDENCE DATA

Fax Number: 3026585614

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

Email: dedocketing@novakdruce.com

Correspondent Name: Ashley I. Pezzner
Address Line 1: 1007 N. Orange Street

Address Line 2: P.O. Box 2207

Address Line 4: Wilmington, DELAWARE 19899

	PATENT
Signature:	/Ashley I. Pezzner/
NAME OF SUBMITTER:	Ashley I. Pezzner
ATTORNEY DOCKET NUMBER:	15588*66

REEL: 030187 FRAME: 0945

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Date:	04/10/2013
Total Attachments: 4 source=Assignment#page1.tif source=Assignment#page2.tif source=Assignment#page3.tif source=Assignment#page4.tif	

PATENT REEL: 030187 FRAME: 0946

DECLARATION (37 CFR 1.63) FOR UTILITY OR DESIGN APPLICATION USING AN APPLICATION DATA SHEET (37 CFR 1. 76) AND ASSIGNMENT

Title of Invention	
As the below n	amed inventor, I hereby declare that:
This declaratio	n [] The attached application, or
is directed to:	[x] United States application or PCT international application number 13/742,774 filed on 2013–01–16
The above-ide	ntified application was made or authorized to be made by me.
l believe that I	am the original inventor or an original joint inventor of a claimed invention in the application.
(hereinafter re	ASF SE having places of business at: 67056 Ludwigshafen, Germany, efferred 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 ar entire right, tit States and its	EREFORE, 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 and other relevant International Treaties and Arrangements from the aforesaid application) and the term of the international and interest in and to any and all Letters Patent which may be granted therefor in the United a 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 for the assignee	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 sai	agree that I will communicate to said ASSIGNEE(S) or its (his) representatives any facts known to me id 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 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.
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	OF INVENTOR
Inventor: Si	gmar Bräuninger Date: 20, 12, 12
Signature:	Syman Braumjer

PATENT²⁰¹²
REEL: 030187 FRAME: 0947

DECLARATION (37 CFR 1.63) FOR UTILITY OR DESIGN APPLICATION USING AN APPLICATION DATA SHEET (37 CFR 1. 76) AND ASSIGNMENT

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is desirous of a	ferred to as "ASSIGNEE(S)") acquiring the entire right, title and interest in and to said invention and in and to any Letters Patent pranted 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 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 leand 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 ally and entirely as the same would have been held by me had this Assignment and sale not been
respecting sall 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 deteters 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 of	cknowledge 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: Go	prdon Calundann Date: 473, 2013

PATENT * 2012

Signature:

DECLARATION (37 CFR 1.63) FOR UTILITY OR DESIGN APPLICATION USING AN APPLICATION DATA SHEET (37 CFR 1.76) AND ASSIGNMENT

Title of Invention	
As the below nam	ed inventor, I hereby declare that:
This declaration	[] The attached application, or
is directed to:	United States application or PCT international application number $13/742,774$ filed on $2013-01-16$
The above-identifi	ed 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 refer	F SE having places of business at: 67056 Ludwigshafen, Germany, red to as "ASSIGNEE(S)") luiring the entire right, title and interest in and to said invention and in and to any Letters Patent onted therefore in the United States and its territorial possessions and in any and all foreign
acknowledged, and unto said ASSIGI possessions and Convention and centire right, title a States and its te	FORE, 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 NEE(S), the full and exclusive right to the said invention in the United States and its territorial in all foreign countries (including the right to claim priority under the terms of the International other relevant International Treaties and Arrangements from the aforesaid application) and the and interest in and to any and all Letters Patent which may be granted therefor in the United pritorial possessions and in any and all foreign countries and in and to any and all divisions, ations, substitutions and renewals thereof.
any and all foreig the assignee of ASSIGNEE(S). its	rize and request the Patent Office Officials in the United States and its territorial possessions and in countries to issue any and all of said Letters Patent, when granted, to said ASSIGNEE(S) as my entire right, title and interest in and to the same, for the sole use and behoof of said is (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 lead continuation, substant all of said Leverything possit	e that I will communicate to said ASSIGNEE(S) or its (his) representatives any facts known to me nvention, and testify in any legal proceeding, sign all lawful papers, execute all divisional, stitute, renewal and reissue applications, execute all necessary assignment papers to cause any etters Patent to be issued to said ASSIGNEE(S), make all rightful oaths, and, generally do ble to aid said ASSIGNEE(S), its (his) successors and assigns, to obtain and enforce proper invention in the United States and its territorial possessions and in any and all foreign countries.
I hereby acknown 1001 by fine or in	owledge that any willful false statement made in this declaration is punishable under 18 U.S.C. aprisonment of not more than five (5) years, or both.
LEGAL NAME OF	INVENTOR
Inventor: Brian	Benicewicz Date: Jan 10 2013
Signature:	na Columny

PATENT²⁰¹²

REEL: 030187 FRAME: 0949

DECLARATION (37 CFR 1.63) FOR UTILITY OR DESIGN APPLICATION USING AN APPLICATION DATA SHEET (37 CFR 1. 76) AND ASSIGNMENT

Invention	
As the below n	amed inventor, I hereby declare that:
This declaratio	n [] The attached application, or
is directed to:	[χ] United States application or PCT international application number $13/742,774$ filed on $2013-01-16$
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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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, 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 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, inuations, substitutions and renewals thereof.
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respecting sa continuation, s and all of sai everything po	gree that I will communicate to said ASSIGNEE(S) or its (his) representatives any facts known to me id 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 dossible to aid said ASSIGNEE(S), its (his) successors and assigns, to obtain and enforce propersaid 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. r imprisonment of not more than five (5) years, or both.
LEGAL NAME	OF INVENTOR
Inventor: Gu	uoqing Qian Date: D/28/30/3
Signature:	Guiging Qian

US Declaration - national - 250346

PATENT 11/2012 **REEL: 030187 FRAME: 0950**