### **PATENT ASSIGNMENT COVER SHEET**

Electronic Version v1.1 Stylesheet Version v1.2 EPAS ID: PAT3747429

SUBMISSION TYPE:	NEW ASSIGNMENT
NATURE OF CONVEYANCE:	ASSIGNMENT

#### **CONVEYING PARTY DATA**

Name	Execution Date
GIJSBRECHT HABRAKEN	08/21/2014
MANORANJAN PRUSTY	08/20/2014
ANDREAS RADTKE	08/22/2014
GAURAV RAMANIAL KASALIWAL	08/29/2014

#### **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:	14913119

#### **CORRESPONDENCE DATA**

**Fax Number:** (302)351-6938

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.

**Phone:** 302-467-4200

Email: shirley.brooks@dbr.com
Correspondent Name: GEOFFREY ZELLEY

Address Line 1: 222 DELAWARE AVENUE, STE. 1410
Address Line 4: WILMINGTON, DELAWARE 19801-1621

ATTORNEY DOCKET NUMBER:	074048-0152(539475)
NAME OF SUBMITTER:	GEOFFREY ZELLEY
SIGNATURE:	/Geoffrey Zelley/
DATE SIGNED:	02/19/2016
	This document serves as an Oath/Declaration (37 CFR 1.63).

**Total Attachments: 4** 

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PATENT REEL: 037777 FRAME: 0428

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PATENT REEL: 037777 FRAME: 0429

Title of
Invention
As the below named inventor, I hereby declare that:
This declaration [ ] The attached application, or
is directed to; [ ] United States application or PCT International application number filed on
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, 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: Gijsbrecht Habraken  Date: 2/28/2014
Signature: Crisbrecht Habral

US Declaration - national - 250346

Stand: 11/2012

PATENT REEL: 037777 FRAME: 0430

Title of Invention	
As the below n	named inventor, I hereby declare that:
This declaratio	on [] 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 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, the said invent to claim priorit Arrangements Patent which n	EREFORE, for good and valuable consideration the receipt and sufficiency of which is hereby, I, by these presents do assign and transfer unto said ASSIGNEE(S), the full and exclusive right to ion in the United States and its territorial possessions and in all foreign countries (including the right transfer the terms of the International Convention and other relevant International Treaties and from the aforesaid application) and the entire right, title and interest in and to any and all Letters hay be granted therefor in the United States and its territorial possessions and in any and all foreign and to any and all divisions, reissues, continuations, 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 by and entirely as the same would have been held by me had this Assignment and sale not been
respecting said continuation, si 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.
I 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: Ma	noranjan Prusty Date: ************************************
Signature: <u>. ℕ∆</u>	was from Promise 1

s⊯RATENT REEL: 037777 FRAME: 0431

invention		
As the below n	amed inventor, I hereby declare that:	
This declaratio	n [] The attached application, or	
is directed to:	[ ] United States application or PCT international application number filed on	r
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	ASF SE having places of business at: 67056 Ludwigshafen, Germany, ferred to as "ASSIGNEE(S)") acquiring the entire right, title and interest in and to said invention and ingranted therefore in the United States and its territorial possessions a	and to any Letters Patent and in any and all foreign
acknowledged, the said invent to claim priorit Arrangements Patent which n	REFORE, for good and valuable consideration the receipt and suffice. It by these presents do assign and transfer unto said ASSIGNEE(S), the ion in the United States and its territorial possessions and in all foreign or younder the terms of the International Convention and other relevant from the aforesaid application) and the entire right, title and interest in may be granted therefor in the United States and its territorial possessions in and to any and all divisions, reissues, continuations, substitutions and re-	e full and exclusive right to ountries (including the right International Treaties and and to any and all Letters and in any and all foreign
any and all for the assignee of ASSIGNEE(S),	thorize and request the Patent Office Officials in the United States and its eign 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 s ly and entirely as the same would have been held by me had this Assign.	, to said ASSIGNEE(S) as use and behoof of said aid Letters Patent may be
respecting said continuation, si and all of said everything pos	pree that I will communicate to said ASSIGNEE(S) or its (his) representation of invention, and testify in any legal proceeding, sign all lawful paper ubstitute, renewal and reissue applications, execute all necessary assign Letters Patent to be issued to said ASSIGNEE(S), make all rightful sible to aid said ASSIGNEE(S), its (his) successors and assigns, to call invention in the United States and its territorial possessions and in any	ers, execute all divisional, ment papers to cause any oaths, and, generally do obtain and enforce proper
I hereby act 1001 by fine or	knowledge that any willful false statement made in this declaration is pu imprisonment of not more than five (5) years, or both.	unishable under 18 U.S.C.
LEGAL NAME	OF INVENTOR	
Inventor: And	dreas Radike	Date: 278.//
Signature:	Maran Rud	

**SHATENT**REEL: 037777 FRAME: 0432

Invention	
As the below n	amed inventor, I hereby declare that:
This declaratio	n [] 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 is desirous of a	ASF SE having places of business at: 67056 Ludwigshafen, Germany, ferred to as "ASSIGNEE(S)") acquiring the entire right, title and interest in and to said invention and in and to any Letters Patent tranted therefore in the United States and its territorial possessions and in any and all foreign
acknowledged, the said invent to claim priorit Arrangements Patent which n	REFORE, for good and valuable consideration the receipt and sufficiency of which is hereby I, by these presents do assign and transfer unto said ASSIGNEE(S), the full and exclusive right to ion in the United States and its territorial possessions and in all foreign countries (including the right y under the terms of the International Convention and other relevant International Treaties and from the aforesaid application) and the entire right, title and interest in and to any and all Letters hay be granted therefor in the United States and its territorial possessions and in any and all foreign in and to any and all divisions, reissues, continuations, substitutions and renewals thereof.
any and all for the assignee ( 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 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 y and entirely as the same would have been held by me had this Assignment and sale not been
respecting said continuation, st and all of said everything pos	pree 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, abstitute, 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.
I hereby acl 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: Gar	urav Ramanlal Kasaliwal  Date: \$\frac{\mathbb{L}^2 \cdot 0\left \cdot 2\right 4}{\right 2\cdot 2\right 4}
Signature:	Jauren R Ralatione

US Declaration - national - 250346

**RECORDED: 02/19/2016** 

**SHATENT REEL: 037777 FRAME: 0433**