PATENT ASSIGNMENT COVER SHEET

Electronic Version v1.1 Stylesheet Version v1.2

EPAS ID: PAT4556714

SUBMISSION TYPE:	NEW ASSIGNMENT
NATURE OF CONVEYANCE:	ASSIGNMENT

CONVEYING PARTY DATA

Name	Execution Date
MURAT MERTOGLU	08/15/2014
ANN-KATHRIN MARGUERRE	08/19/2014
VOLODYMYR BOYKO	09/01/2014
VIET NGUYEN-KIM	08/07/2014

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:	14902888

CORRESPONDENCE DATA

Fax Number: (919)998-5701

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: 919.998.5700

Email: Iglenn@brinksgilson.com

BASHIR M. ALI **Correspondent Name:**

4721 EMPEROR BOULEVARD Address Line 1:

Address Line 2: SUITE 220

Address Line 4: **DURHAM, NORTH CAROLINA 27703**

ATTORNEY DOCKET NUMBER:	13779-1227
NAME OF SUBMITTER:	BASHIR M. ALI, REG. NO: 47,939
SIGNATURE:	/Bashir Ali/
DATE SIGNED:	08/18/2017
	This document serves as an Oath/Declaration (37 CFR 1.63).

Total Attachments: 4

PATENT REEL: 043333 FRAME: 0926

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PATENT REEL: 043333 FRAME: 0927

Title of
nvention
As the below named inventor, I hereby declare that:
This declaration [] The attached application, or
s directed to: [X] United States application or PCT international application number PCT/EP2014/064394 filed on 07th July 2014
he above-identified application was made or authorized to be made by me.
believe that I am the original inventor or an original joint inventor of a claimed invention in the application.
VHEREAS, BASE SE having places of business at: 67056 Ludwigshafen, Germany, (hereinafter referred to as "ASSIGNEE(S)") and to said invention and in and to any Letters Patent desirous of acquiring the entire right, title and interest in and to said invention and in and to any Letters Patent
nat may be granted therefore in the United States and its territorial possessions and in any and all foreign ountries;
NOW, THEREFORE, for good and valuable consideration the receipt and sufficiency of which is hereby cknowledged, I, by these presents do assign and transfer unto said ASSIGNEE(S), the full and exclusive right to be said invention in the United States and its territorial possessions and in all foreign countries (including the right or claim priority under the terms of the International Convention and other relevant International Treaties and irrangements from the aforesaid application) and the entire right, title and interest in and to any and all Letters latent 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 ny and all foreign countries to issue any and all of said Letters Patent, when granted, to said ASSIGNEE(S) as ne assignee of my entire right, title and interest in and to the same, for the sole use and behoof of said SSIGNEE(S), its (his) successors and assigns, to the full end of the term for which said Letters Patent may be ranted, as fully and entirely as the same would have been held by me had this Assignment and sale not been hade.
Further, I agree that I will communicate to said ASSIGNEE(S) or its (his) representatives any facts known to me especting 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 nd all of said Letters Patent to be issued to said ASSIGNEE(S), make all rightful oaths, and, generally do verything possible to aid said ASSIGNEE(S), its (his) successors and assigns, to obtain and enforce proper rotection 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. 001 by fine or imprisonment of not more than five (5) years, or both.
EGAL NAME OF INVENTOR
ventor: Murat Mertoglu As. 15, 2014 Date:
ignature:

PATENT: 2
REEL: 043333 FRAME: 0928

	litte of		
	Invention		
	As the below n	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 PCT/EP2014/064394 filed on 07th July 2014	
-	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	ASF SE_having places of business at: 67056 Ludwigshafen, Germany, ferred to as "ASSIGNEE(S)")	
	that may be g countries;	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 forei	int gn
	the said inventi- to claim priority Arrangements I Patent which m	REFORE, for good and valuable consideration the receipt and sufficiency of which is here. I, by these presents do assign and transfer unto said ASSIGNEE(S), the full and exclusive right ion in the United States and its territorial possessions and in all foreign countries (including the right under the terms of the International Convention and other relevant International Treaties a from the aforesaid application) and the entire right, title and interest in and to any and all Letter 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.	to tht nd
The state of the s	any and all fore the assignee of ASSIGNEE(S),	thorize and request the Patent Office Officials in the United States and its territorial possessions a eign 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 sa , its (his) successors and assigns, to the full end of the term for which said Letters Patent may by and entirely as the same would have been held by me had this Assignment and sale not be	as aid be
	respecting said continuation, su and all of said everything poss	gree that I will communicate to said ASSIGNEE(S) or its (his) representatives any facts known to not invention, and testify in any legal proceeding, sign all lawful papers, execute all divisionable ubstitute, renewal and reissue applications, execute all necessary assignment papers to cause all Letters Patent to be issued to said ASSIGNEE(S), make all rightful oaths, and, generally called to aid said ASSIGNEE(S), its (his) successors and assigns, to obtain and enforce proparation in the United States and its territorial possessions and in any and all foreign countries	al, ny do er
		knowledge that any willful false statement made in this declaration is punishable under 18 U.S. imprisonment of not more than five (5) years, or both.	G.
	LEGAL NAME (OF INVENTOR	
	Inventor: Ann	n-Kathrin Marguerre Date: 1991	
	Signature:	<u> </u>	

PATENT:: REEL: 043333 FRAME: 0929

little of	
Invention	
As the below n	arned inventor, I hereby declare that
This declaratio	n [] The attached application, or
is directed to:	[X] United States application or PCT international application number PCT/EP2014/064394 filed on 07th July 2014
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.
(nereinamer re	ASF SE having places of business at: 67056 Ludwigshafen, Germany, ferred to as "ASSIGNEE(S)")
is desirous of a that may be g countries;	acquiring the entire right, title and interest in and to said invention and in and to any Letters Patent ranted therefore in the United States and its territorial possessions and in any and all foreign
acknowledged, the said inventi to claim priorit Arrangements Patent which m	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 on 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 may be granted therefor in the United States and its territorial possessions and in any and all foreign 1 and to any and all divisions, reissues, continuations, substitutions and renewals thereof.
any and all fore the assignee of 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, su and all of said everything posi-	tree that I will communicate to said ASSIGNEE(S) or its (his) representatives any facts known to me I 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 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 act 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: Vol	odymyr Boyko Date: <u>(24.69.2</u> -49
Signature:	V Back

PATENT:: REEL: 043333 FRAME: 0930

little 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 PCT/EP2014/064394 filed on 07th July 2014
The above-idea	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)")
is desirous of a that may be g countries;	acquiring the entire right, title and interest in and to said invention and in and to any Letters Patent transfer in the United States and its territorial possessions and in any and all foreign
acknowledged, the said inventi to claim priorit Arrangements Patent which m	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 on 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 and to any and all divisions, reissues, continuations, substitutions and renewals thereof.
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respecting said continuation, su 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, 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 caths, 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
Inventor: Viel	t Nguyen-Kim Date: <u>〇キの別2014</u>
Signature:	40/esV1/h

PATENTE: REEL: 043333 FRAME: 0931 **RECORDED: 08/18/2017**