504555655 09/20/2017

#### PATENT ASSIGNMENT COVER SHEET

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SUBMISSION TYPE:	NEW ASSIGNMENT
NATURE OF CONVEYANCE:	ASSIGNMENT

#### **CONVEYING PARTY DATA**

Name	Execution Date
FRANK RITTIG	03/18/2016
STEFAN KOCH	04/08/2016
ALOIS KINDLER	04/08/2016
MICHAEL KOCH	04/04/2016
FERDINAND LEIFELD	03/18/2016
VAIDOTAS NAVICKAS	04/13/2016
MARKUS GRUEN	04/08/2016

#### **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:	15552522

#### **CORRESPONDENCE DATA**

Fax Number: (703)413-2220

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: (703) 413-3000 Email: skim@oblon.com **Correspondent Name:** OBLON, ET AL. Address Line 1: 1940 DUKE STREET

Address Line 4: ALEXANDRIA, VIRGINIA 22314

ATTORNEY DOCKET NUMBER:	505949US
NAME OF SUBMITTER:	HANA KIM
SIGNATURE:	/HANA KIM/
DATE SIGNED:	09/20/2017

	This document serves as an Oath/Declaration (37 CFR 1.63).
Total Attachments: 7	
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source=505949USAssn#page6.tif	
source=505949USAssn#page7.tif	

Invention	
As the below name	d 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	d application was made or authorized to be made by me.
I believe that I am th	ne original inventor or an original joint inventor of a claimed invention in the application.
(hereinafter referred is desirous of acqui	SE having places of business at: 67056 Ludwigshafen, Germany, d to as "ASSIGNEE(S)") ring the entire right, title and interest in and to said invention and in and to any Letters Patent ed therefore in the United States and its territorial possessions and in any and all foreign
acknowledged, I, by the said invention in to claim priority und Arrangements from Patent which may be	ORE, for good and valuable consideration the receipt and sufficiency of which is hereby these presents do assign and transfer unto said ASSIGNEE(S), the full and exclusive right to the United States and its territorial possessions and in all foreign countries (including the right der the terms of the International Convention and other relevant International Treaties and the aforesaid application) and the entire right, title and interest in and to any and all Letters e granted therefor in the United States and its territorial possessions and in any and all foreign to any and all divisions, reissues, continuations, substitutions and renewals thereof.
any and all foreign of the assignee of my ASSIGNEE(S), its (I	e and request the Patent Office Officials in the United States and its territorial possessions and countries to issue any and all of said Letters Patent, when granted, to said ASSIGNEE(S) as a entire right, title and interest in and to the same, for the sole use and behoof of said his) successors and assigns, to the full end of the term for which said Letters Patent may be dentirely as the same would have been held by me had this Assignment and sale not been
respecting said inve continuation, substitution and all of said Lett everything possible	hat I will communicate to said ASSIGNEE(S) or its (his) representatives any facts known to me ention, and testify in any legal proceeding, sign all lawful papers, execute all divisional, ute, renewal and reissue applications, execute all necessary assignment papers to cause any ers Patent to be issued to said ASSIGNEE(S), make all rightful oaths, and, generally do to aid said ASSIGNEE(S), its (his) successors and assigns, to obtain and enforce proper vention in the United States and its territorial possessions and in any and all foreign countries.
I hereby acknowl 1001 by fine or impri	edge that any willful false statement made in this declaration is punishable under 18 U.S.C. sonment of not more than five (5) years, or both.
LEGAL NAME OF IN	IVENTOR
Inventor. Frank Ri	ttig Date: <u>/(*, クラ</u> スの
Signature:	

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.
WHEREAS, BASF SE having places of business at: 67056 Ludwigshafen, Germany, (hereinafter referred to as "ASSIGNEE(S)")	
that may be goontries;	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	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 by 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 have 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 of 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 ly 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	pree 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 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.
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: Ste	fan Koch Date: <u>ごぎごく 200</u> 0
Signature:	44-162

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.
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: Alois Kindler Date:
Signature:

maenition
As the below named inventor, I hereby declare that:
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LEGAL NAME OF INVENTOR
Inventor: Michael Koch Date: <u>でんのも、</u> とこれも
Signature:

PATENT REEL: 043635 FRAME: 0736

Title of

Invention
As the below named inventor, I hereby declare that:
This declaration [ ] The attached application, or
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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: Ferdinand Leifeld  Date: 73 20 7
Signature:

Title of Invention
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LEGAL NAME OF INVENTOR
Inventor: Vaidotas Navickas  Date: 15 4 16
Signature: \( \lambda

Title of Invention
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LEGAL NAME OF INVENTOR
Inventor: Markus Grün Date: 10 16 10 16 10 16 10 16 10 16 10 16 10 16 16 16 16 16 16 16 16 16 16 16 16 16
Signature: