PATENT ASSIGNMENT COVER SHEET

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SUBMISSION TYPE:	NEW ASSIGNMENT
NATURE OF CONVEYANCE:	ASSIGNMENT

CONVEYING PARTY DATA

Name	Execution Date
HELMUT KRAUS	04/04/2017
BERND SIEVERNICH	04/04/2017
MARIANO ETCHEVERRY	04/14/2017
RICHARD R. EVANS	04/08/2017

RECEIVING PARTY DATA

Name:	BASF SE
Street Address:	CARL-BOSCH-STRASSE 38
City:	LUDWIGSHAFEN AM RHEIN
State/Country:	GERMANY
Postal Code:	67056

PROPERTY NUMBERS Total: 1

Property Type	Number
Application Number:	15741458

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: jsnead@brinksgilson.com **Correspondent Name: BRINKS GILSON & LIONE** 4721 EMPEROR BOULEVARD Address Line 1:

Address Line 2: **SUITE 220**

Address Line 4: DURHAM, NORTH CAROLINA 27703-8579

ATTORNEY DOCKET NUMBER:	13779-1390
NAME OF SUBMITTER:	BASHIR M. ALI, REG. NO. 47939
SIGNATURE:	/Bashir Ali/
DATE SIGNED:	08/19/2019

Total Attachments: 5

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Title of	
Invention	
As the below r	named inventor, I hereby declare that:
This declaration	n [] The attached application, or
is directed to:	[x] PCT international application number PCT/EP2016/065739 filed on 04 Jul 2016
	ntified application was made or authorized to be made by me. I believe that I am the original inventor oint inventor of a claimed invention in the application.
WHEREAS, BASF SE Carl-Bosch-Str 67056 Ludwigs Germany	rasse 38 shafen am Rhein
is desirous of	eferred 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 priorii 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 tion in the United States and its territorial possessions and in all foreign countries (including the right try 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 in and to any and all divisions, reissues, continuations, substitutions and renewals thereof.
and to any investigated and ASSIGNE based on appli	re that I either have the obligation to assign or have already assigned the full and exclusive rights in entions made during my employment to said ASSIGNEE based on my employment contract with EE, and/or that said ASSIGNEE has obtained full and exclusive rights in and to any such inventions icable national law, and that by this Assignment such transfer of right, title and interest in such aid ASSIGNEE is herewith confirmed or restated.
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 lly and entirely as the same would have been held by me had this Assignment and sale not been
respecting said 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 d Letters Patent to be issued to said ASSIGNEE(S), make all rightful oaths, and, generally do saible 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.
	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 Inventor: Helm	OF INVENTOR ut Kraus Date: ▲ 오픈 아니다
Signature:	Comment of from

Title of Invention
As the below named inventor, I hereby declare that:
This declaration [] The attached application, or
is directed to: [x] PCT international application number PCT/EP2016/065739 filed on 04 Jul 2016
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 Carl-Bosch-Strasse 38 67056 Ludwigshafen am Rhein 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 further declare that I either have the obligation to assign or have already assigned the full and exclusive rights in and to any inventions made during my employment to said ASSIGNEE based on my employment contract with said ASSIGNEE, and/or that said ASSIGNEE has obtained full and exclusive rights in and to any such inventions based on applicable national law, and that by this Assignment such transfer of right, title and interest in such inventions to said ASSIGNEE is herewith confirmed or restated.
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: Bernd Sievernich Date: 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1

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LEGAL NAME OF INVENTOR Inventor; Mariano Etcheverry

Date: /4 4 / 7

Signature:

/ Juino J. Edderay

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LEGAL NAME OF INVENTOR Inventor: Richard R Evans

Date: <u>Assex & (.)</u>

Signature:

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LEGAL NAME OF INVENTOR Inventor: Ryan Louis Nielson

Date: <u>(2///////-2//</u>

Signature:

PATENT REEL: 050090 FRAME: 0144

RECORDED: 08/19/2019