506071472 05/21/2020

PATENT ASSIGNMENT COVER SHEET

Electronic Version v1.1 Stylesheet Version v1.2 EPAS ID: PAT6118187

SUBMISSION TYPE:	NEW ASSIGNMENT
NATURE OF CONVEYANCE:	ASSIGNMENT

CONVEYING PARTY DATA

Name	Execution Date
IGOR SHISHKOV	05/29/2017
WOLFGANG ROHDE	05/29/2017
ALEXEJ MICHAILOVSKI	07/20/2017
ANDREAS LUZ	08/10/2017
REINHOLD REIGER	05/29/2017
PETRA JOHN	05/29/2017
IMME WITTE	06/09/2017

RECEIVING PARTY DATA

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

PROPERTY NUMBERS Total: 1

Property Type	Number
Application Number:	15528952

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: 3024674200

Email: jamie.jensen-smith@faegredrinker.com **Correspondent Name:** FAEGRE DRINKER BIDDLE REATH LLP

Address Line 1: 222 DELAWARE AVE SUITE 1410

Address Line 4: WILMINGTON, DELAWARE 19801-1621

ATTORNEY DOCKET NUMBER:	074017-0034-US-563045
NAME OF SUBMITTER:	GEOFFREY A ZELLEY
SIGNATURE:	/Geoffrey A Zelley/
DATE SIGNED:	05/21/2020

Total Attachments: 7
source=Declaration_Assignment#page1.tif
source=Declaration_Assignment#page2.tif
source=Declaration_Assignment#page3.tif
source=Declaration_Assignment#page4.tif
source=Declaration_Assignment#page5.tif
source=Declaration_Assignment#page5.tif
source=Declaration_Assignment#page6.tif

source=Declaration_Assignment#page7.tif

DECLAR	ATION (37 CFR 1.63) FOR UTILITY OR DESIGN APPLICATION USING AN APPLICATION DATA SHEET (37 CFR 1. 76) AND ASSIGNMENT
Title of Invention	IMPROVEMENT OF CONCENTRATE QUALITY
As the below na	med Inventor, I hereby declare that:
This declaration	[] The attached application, or
is directed to:	 [x] United States application or PCT international application number PCT/EP2015/077736 filed on November 26, 2015.
The above-ident	ified application was made or authorized to be made by me.
I believe that I a	n the original inventor or an original joint inventor of a claimed invention in the application.
WHEREAS, BA Germany	SF SE having a place of business at: Carl-Bosch-Strasse 38, 67056 Ludwigshafen,
is desirous of ac	red to as "ASSIGNEE(S)") equiring the entire right, title and interest in and to said invention and in and to any Letters be granted therefore in the United States and its territorial possessions and in any countries;
exclusive right to countries (includ relevant Interna title and interest and its territorial	REFORE, for good and valuable consideration the receipt and sufficiency of which is edged, I, by these presents do assign and transfer unto said ASSIGNEE(S), the full and to the said invention in the United States and its territorial possessions and in all foreigning the right to claim priority under the terms of the International Convention and other tional Treaties and Arrangements from the aforesaid application) and the entire right, in and to any and all Letters Patent which may be granted therefor in the United States possessions and in any and all foreign countries and in and to any and all divisions, ations, substitutions and renewals thereof.
to said ASSIGNI the sole use an term for which s	horize and request the Patent Office Officials in the United States and its territorial any and all foreign countries to issue any and all of said Letters Patent, when granted, EE(S) as the assignee of my entire right, title and interest in and to the same, for d behoof of said ASSIGNEE(S), its (his) successors and assigns, to the full end of the aid Letters Patent may be granted, as fully and entirely as the same would have been his Assignment and sale not been made.
execute all divis assignment pape make all rightfu successors and	ee that I will communicate to said ASSIGNEE(S) or its (his) representatives any facts pecting said invention, and testify in any legal proceeding, sign all lawful papers, sional, continuation, substitute, renewal and reissue applications, execute all necessary ers to cause any and all of said Letters Patent to be issued to said ASSIGNEE(S), I oaths, and, generally do everything possible to aid said ASSIGNEE(S), its (his) assigns, to obtain and enforce proper protection for said invention in the United States possessions and in any and all foreign countries.
I hereby ackn U,S.C. 1001 by fi	owledge that any willful false statement made in this declaration is punishable under 18 ne or imprisonment of not more than five (5) years, or both.
LEGAL NAME O	FINVENTOR
Inventor: Igor St	nishkov/_/Date: 29,05,2017
Signature:	
ge ble	

DECLARATION (37 CFR 1.63) FOR UTILITY OR DESIGN APPLICATION USING AN APPLICATION DATA SHEET (37 CFR 1. 76) AND ASSIGNMENT		
Title of Invention	IMPROVEMENT OF CONCENTRATE OF	
As the below no	named Inventor, I hereby declare that:	
This declaration	on [] The attached application, or	
is directed to:	 [x] United States application or PCT international application PCT/EP2015/077736 filed on November 26, 2015. 	n number
The above-ider	entified 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 inventor	ention in the application.
WHEREAS, BA Germany	BASF SE having a place of business at: Carl-Bosch-Strasse 38, 670	056 Ludwigshafen,
(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: Wolf	olfgang Rohde Date: 2 \$.	05. 2017
Signature	e alle	

DECLARATION (37 CFR 1.63) FOR UTILITY OR DESIGN APPLICATION USING AN APPLICATION DATA SHEET (37 CFR 1. 76) AND ASSIGNMENT			
Title of Invention	IMPROVEMENT OF CON		
As the below n	amed Inventor, I hereby declare that:		
This declaration	[] The attached application, or		
is directed to:	[x] United States application or PCT internal PCT/EP2015/077736 filed on November 2	ational application number 26, 2015.	
The above-ider	tified application was made or authorized to be ma	ade by me.	
I believe that I a	am the original inventor or an original joint inventor	of a claimed invention in the application.	
WHEREAS, BA Germany	ASF SE having a place of business at: Carl-Bosch	-Strasse 38, 67056 Ludwigshafen,	
is desirous of a Patent that ma	(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: Alexe	j Michailovski	Date: 20.07.2017	
Signature:	Hexel Michaeland		

DECLA	RATION (37 CFR 1.63) FOR UTILITY OR D APPLICATION DATA SHEET (37 CFR 1.	DESIGN APPLICATION USING AN 76) AND ASSIGNMENT
Title of Invention	IMPROVEMENT OF COM	**************************************
As the below n	amed Inventor, I hereby declare that:	
This declaration	n [] The attached application, or	
is directed to:	[x] United States application or PCT internations PCT/EP2015/077736 filed on November	26, 2015.
The above-ider	ntified application was made or authorized to be m	ade by me.
I believe that I :	am the original inventor or an original joint invento	r of a claimed invention in the application.
WHEREAS, BA Germany	ASF SE having a place of business at: Carl-Bosch	n-Strasse 38, 67056 Ludwigshafen,
(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: Reinh	nold Rieger	Date: 29. May 2017
Signature:	Rilah 5	

APPLIC	(37 CFR 1.63) FOR UTILITY OR D CATION DATA SHEET (37 CFR 1.	ESIGN APPLICATION USING AN 76) AND ASSIGNMENT	
Title of IMPROVEMENT OF CONCENTRATE QUALITY			
As the below named Inve	ntor, I hereby declare that:		
This declaration [] Th	ne attached application, or		
is directed to: [x]U PC			
The above-identified appl	ication was made or authorized to be m	ade by me.	
I believe that I am the orig	inal inventor or an original joint inventor	of a claimed invention in the application.	
WHEREAS, BASF SE ha Germany	ving a place of business at: Carl-Bosch	n-Strasse 38, 67056 Ludwigshafen,	
(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: Andreas Luz		Date: 2019-14-19-11-11	
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	IMPROVEMENT OF CON	ICENTRATE QUALITY	
As the below n	amed Inventor, I hereby declare that:	The second secon	
This declaration	n [] The attached application, or		
is directed to:	[x] United States application or PCT internal PCT/EP2015/077736 filed on November	26, 2015.	
The above-ide	ntified application was made or authorized to be m	ade by me.	
I believe that I	am the original inventor or an original joint inventor	r of a claimed invention in the application.	
WHEREAS, BA Germany	ASF SE having a place of business at; Carl-Bosch	n-Strasse 38, 67056 Ludwigshafen,	
(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 ack U,S.C. 1001 by	nowledge that any willful false statement made i fine or imprisonment of not more than five (5) year	n this declaration Is punishable under 18 rs, or both.	
LEGAL NAME	OF INVENTOR		
Inventor: Petra	John	Date: 29.05.2017	
Signature;	Petra John		

DECLARATION (37 CFR 1.63) FOR UTILITY OR DESIGN APPLICATION USING AN APPLICATION DATA SHEET (37 CFR 1. 76) AND ASSIGNMENT Title of IMPROVEMENT OF CONCENTRATE QUALITY Invention As the below named inventor, I hereby declare that: This declaration [] The attached application, or [x] United States application or PCT international application number PCT/EP2015/077736 filed on November 26, 2015. is directed to: 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 a place of business at: Carl-Bosch-Strasse 38, 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. l 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: Imme Witte 6.09.17 Date:

1 dille

marane

PATENT

REEL: 052727 FRAME: 0879

Signature: