PATENT ASSIGNMENT COVER SHEET

Electronic Version v1.1 Stylesheet Version v1.2

EPAS ID: PAT5863477

SUBMISSION TYPE:	NEW ASSIGNMENT
NATURE OF CONVEYANCE:	ASSIGNMENT

CONVEYING PARTY DATA

Name	Execution Date
IVETTE GARCIA CASTRO	10/27/2018
STEFAN FRENZEL	10/16/2017
MANA HEUKEN	10/28/2016
JENNIFER JACKSON	10/28/2016

RECEIVING PARTY DATA

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

PROPERTY NUMBERS Total: 1

Property Type	Number
Application Number:	16239782

CORRESPONDENCE DATA

Fax Number: (302)467-4201

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**

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

ATTORNEY DOCKET NUMBER:	074008-1744-01(584023)
NAME OF SUBMITTER:	GEOFFREY ZELLEY
SIGNATURE:	/Geoffrey Zelley/
DATE SIGNED:	12/12/2019
	This document serves as an Oath/Declaration (37 CFR 1.63).

Total Attachments: 4

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PATENT REEL: 051258 FRAME: 0001

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PATENT REEL: 051258 FRAME: 0002

DECLARATION (37 CER 4 83) FOR HITH LINE ARE		
DECLARATION (37 CFR 1.83) FOR UTILITY OR DESIGN APPLICATION USING AN APPLICATION DATA SHEET (37 CFR 1. 78) AND ASSIGNMENT		
Invention ACID, THEIR FORMULATIONS AND USE AS POUR POINT DEPRESSANT, WAX INHIBITOR		
As the delow named inventor, I hereby declare that:		
This declaration [] The attached application, or		
is directed to: [x] United States application or PCT inte PCT/EP2015/053212 filed on February		
The above-identified application was made or authorized to be	made hv mo	
I believe that I am the original inventor or an original joint inven	tor of a claimed invention in the application.	
WHEREAS, BASF SE having a place of business at: Carl-Bos Germany	sch-Strasse 36, 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		
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, and interest in and to any and all Letters Patent which may be granted therefor in the United States 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 essignee 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 hald 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 paths, and, generally do everything possible to aid said ASSIGNEE(S), 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: Ivette GARCIA CASTRO	Date: 2 / A / A	
Bignature:		

86294021.1

DECLARATION (37 CFR 1.63) FOR UTILITY OR DESIGN APPLICATION USING AN APPLICATION DATA SHEET (37 CFR 1. 76) AND ASSIGNMENT			
Title of Invention COPOLYMERS COMPRISING ETHYLENE, VINYL ESTERS AND ESTERS CF (METH)ACRYLIC ACID, THEIR FORMULATIONS AND USE AS POUR POINT DEPRESSANT, WAX INHIBITOR AND FLOW ENHANCER FOR CRUDE OILS			
As the below named inventor, I hereby declare that:			
This declaration [] The attached application, or			
is directed to: [x] United States application or PCT International application number PCT/EP2015/053212 filed on February 16, 2015.			
The above-identified application was made or authorized to be made	de by me.		
I believe that I am the original inventor or an original joint inventor of	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.			
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: Stefan FRENZEL	Date: (1/6/2019		

86294021.1

Signature:

DECLARATION (37 GFR 1.53) FOR UTILITY OR DESIGN APPLICATION USING AN
APPLICATION DATA SHEET (37 CFR 1, 76) AND ASSIGNMENT Title of COPOLYNERS COMPASSION Invention AND FLOW ENHANCER FOR CRUDE D. S As the below named Inventor Thereby (2003) 2.5
This declaration [] The attached approximent
is directed to: [x] United States application or PCT international application number PCT/EP2018 063212 field on February 16, 2015
The addive-identified application was made or sufficiency to be made by mo.
I believe that it am the original inventor or an original long hyentor of a distribed invention in the application
WHEREAS, BASF SE having a page of business of Car-Boson-Strasse 38, 67056 Ludwigshafen. Germany
(hereinafter referred to as "ASS GMSS S): Is desirous of acquiring the entire right, site and interest to and to said invention and in and to any Letter Patent that may be granted therefore in the United States and As territorial possessions and in any and all foreign countries
NOW THEREFORE, for good and valuable on a person in a receipt and sufficiency of which hereby acknowledged. It by these presents of additional and benefit unto said ASSIGNEE(S), the full at exclusive right to the said invention in the United States and its tentionic prosessions and in all times countries (including the right to be an order, under no tends of the international Convention and attributed international Treaties and Arrangements from the aforesaid application, and the entire right and interest in and to any and all tentions there are many 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 division reissues, continuations, substitutions and opened a territorial.
I nereby suthanze and racions in a Palant Office Officials in the United Stales and its territor possessions and any and all fureign counties to issue any and all of said Letters Patent, when grants to said ASS/GNEE/S) as the assignes of my enrice right, title and interest in and to the same, for soile use and behoof of said ASS/GNEE/S), is into successors and assigns, to the full end of the term for which said Letters Palant may be granted, as fully and antirely as the same would have been held by me ned this Assignment and sale and been made.
Further, agree that I will communicate to soit ASS/GNEE(8) or its (nis) representatives any feeknown to me respecting said invention, and lessify niany legts proceeding sign all lewful bases execute at divisional continuation, substitute, renew and reliable applications, execute at nacross assignment papers to cause any and all of soit Letters Patent to be issued to said ASS/GNEE(8) make all rightful cates and generally be everything possible to aid said ASS/GNEE(8), its reliable and assigns, to obtain and shiftere proper protection for said evention in the United State and its territorial possessions and in any and a foreign of united.
I nersoy acknowledge that any soliful false standers whose in the declaration is pun shaple under 1 U.S.C. 1001 by fine or impresonment of not more than 100 5) years, or both
LEGAL NAME OF INVENTOR
Invento: Maria HEUKEN
and the second of the second o

852°475.;

Signature

PATENT REEL: 051258 FRAME: 0005 DECLARATION (37 CFR 1.63) FOR UTILITY OR DESIGN APPLICATION USING AN APPLICATION DATA SHEET (37 CFR 1. 76) AND ASSIGNMENT

Title of Invention COPOLYMERS COMPRISING ETHYLENE, VINYL ESTERS AND ESTERS OF (METH)ACRYLIC ACID, THEIR FORMULATIONS AND USE AS POUR POINT DEPRESSANT, WAX INHIBITOR

AND FLOW ENHANCER FOR CRUDE OILS As the below named Inventor, I hereby declare that:

This declaration

[] The attached application, or

is directed to:

[x] United States application or PCT international application number PCT/EP2015/053212 filed on February 16, 2015.

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,

(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 Latters Patent that may be granted therefore in the United States and its territorial possessions and in any

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 Ratent 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, reliseues, continuations, substitutions and renewals thereof.

I hereby authorize and request the Palent Office Officials in the United States and its territorial possessions and airy and all foreign countries to Issue any and all of said Letters Palent, 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.

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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 line or imprisonment of not more than five (5) years, or both.

LEGAL NAME OF INVENTOR

Inventor: Jennifer JACKSON

Oct 28, 2016

Signature:

86294021.L

PATENT REEL: 051258 FRAME: 0006

RECORDED: 12/12/2019