504920368 05/17/2018

### PATENT ASSIGNMENT COVER SHEET

Electronic Version v1.1 Stylesheet Version v1.2

EPAS ID: PAT4967114

SUBMISSION TYPE:	NEW ASSIGNMENT
NATURE OF CONVEYANCE:	ASSIGNMENT

#### **CONVEYING PARTY DATA**

Name	Execution Date
HANS-GUENTER WAGNER	11/02/2015
CHRISTOPH BAYER	10/22/2015
LOTHAR KARRER	11/03/2015

#### **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:	15517848

#### 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:	502417US
NAME OF SUBMITTER:	HANA KIM
SIGNATURE:	/HANA KIM/
DATE SIGNED:	05/17/2018
	This document serves as an Oath/Declaration (37 CFR 1.63).

#### **Total Attachments: 3**

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> **PATENT** REEL: 045838 FRAME: 0626 504920368

# DECLARATION (37 CFR 1.63) FOR UTILITY OR DESIGN APPLICATION USING AN APPLICATION DATA SHEET (37 CFR 1. 76) AND ASSIGNMENT

Title of				
Invention	PROCESS FOR ADSORBER REGENERATION			
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/CN2014/088232 filed on 09th October 2014			
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 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: Har	ns-Günter Wagner Date: 2015 - 41 - 62.			
Signature:	<u> </u>			

PATENT/2012 REEL: 045838 FRAME: 0627

### DECLARATION (37 CFR 1.63) FOR UTILITY OR DESIGN APPLICATION USING AN APPLICATION DATA SHEET (37 CFR 1. 76) AND ASSIGNMENT

Title of Invention PROCESS FOR ADSORBER REGENERATION 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/CN2014/088232 filed on 09th October 2014 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 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

Signature: Quilly du S

PATSENT/2012

Inventor:

Christoph Bayer

## DECLARATION (37 CFR 1.63) FOR UTILITY OR DESIGN APPLICATION USING AN APPLICATION DATA SHEET (37 CFR 1. 76) AND ASSIGNMENT

·····	LIGHTON DATA GREET (OF CFR 1: 76) AND ASSIGNS	U ⊏ 24 1	
Title of Invention	PROCESS FOR ADSORBER REGENERATION		
As the below 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 filed on 09th October 2014	PCT/CN2014/088232	
The above-ide	entified 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 i	n the application.	
(hereinafter re	ASF SE having places of business at: 67056 Ludwigshafen, Germany, eferred to as "ASSIGNEE(S)")		
is desirous of	acquiring the entire right, title and interest in and to said invention and in granted therefore in the United States and its territorial possessions ar	and to any Letters Patent id in any and all foreign	
the said invent to claim priori Arrangements Patent which r	EREFORE, for good and valuable consideration the receipt and sufficit, I, by these presents do assign and transfer unto said ASSIGNEE(S), the stion in the United States and its territorial possessions and in all foreign country under the terms of the International Convention and other relevant list from the aforesaid application) and the entire right, title and interest in a may be granted therefor in the United States and its territorial possessions in and to any and all divisions, reissues, continuations, substitutions and rei	full and exclusive right to untries (including the right nternational Treaties and ind to any and all Letters and in any and all foreign	
the assignee ASSIGNEE(S)	othorize and request the Patent Office Officials in the United States and its to reign countries to issue any and all of said Letters Patent, when granted, of my entire right, title and interest in and to the same, for the sole, its (his) successors and assigns, to the full end of the term for which sailly and entirely as the same would have been held by me had this Assign	to said ASSIGNEE(S) as use and behoof of said id Letters Patent may be	
respecting sail continuation, s and all of sail everything pos	gree that I will communicate to said ASSIGNEE(S) or its (his) representativid invention, and testify in any legal proceeding, sign all lawful paper substitute, renewal and reissue applications, execute all necessary assignment Letters Patent to be issued to said ASSIGNEE(S), make all rightful said assigns and assigns, to obtain the United States and its territorial possessions and in any	s, execute all divisional, nent papers to cause any paths, and, generally do otain and enforce proper	
I hereby ac 1001 by fine or	cknowledge that any willful false statement made in this declaration is pur r imprisonment of not more than five (5) years, or both.	nishable under 18 U.S.C.	
LEGAL NAME	OF INVENTOR		
Inventor. Lo	thar Karrer	Date: 20/5-44-0>	

Signature:

US Declaration - national - 250346 PATENT/2012 **RECORDED: 05/17/2018** 

REEL: 045838 FRAME: 0629