505535366 06/20/2019

### PATENT ASSIGNMENT COVER SHEET

Electronic Version v1.1 Stylesheet Version v1.2 EPAS ID: PAT5582163

SUBMISSION TYPE:	NEW ASSIGNMENT
NATURE OF CONVEYANCE:	ASSIGNMENT

#### **CONVEYING PARTY DATA**

Name	Execution Date
ERIC GEORGE KLAUBER	02/06/2017
BIRGIT GOCKEL	02/06/2017
MICHAEL RACK	02/06/2017
ROLAND GOETZ	02/06/2017
SEBASTIAN SOERGEL	02/13/2017

#### RECEIVING PARTY DATA

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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:	16074537

### **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: lglenn@brinksgilson.com

Correspondent Name: BASHIR M. ALI

Address Line 1: 4721 EMPEROR BOULEVARD

Address Line 2: SUITE 220

Address Line 4: DURHAM, NORTH CAROLINA 27703

ATTORNEY DOCKET NUMBER:	13779-1432
NAME OF SUBMITTER:	BASHIR M. ALI, REG NO 47939
SIGNATURE:	/Bashir Ali/
DATE SIGNED:	06/20/2019

Total Attachments: 5

PATENT REEL: 049536 FRAME: 0518

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PATENT REEL: 049536 FRAME: 0519

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

£	TIP TO AND ASSIGNMENT
Title of Invention	CATALYTIC HYDROGENATION PROCESS FOR PREPARING PYRAZOLES
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/EP2017/051524 filed on 25 Jan 2017
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.
Germany (Fed (hereinafter re is desirous of	rasse 38 shafen am Rhein eral Republic of) iferred 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
the said invent to claim priorit 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 ion 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 n and to any and all divisions, reissues, continuations, substitutions and renewals thereof.
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 <code>granted</code> , 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
continuation, s and all of said everything pos protection for s  I hereby ac	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, 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. 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.
	OF INVENTOR George Klauber Date: 4.02. /2

PATENT REEL: 049536 FRAME: 0520

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	CATALYTIC HYDROGENATION PROCESS FOR	PREPARING PYRAZOLES
As the below r	named inventor, I hereby declare that:	
This declaration	on [] The attached application, or	
is directed to:	<ul><li>[x] PCT international application number PCT/EP2017 25 Jan 2017</li></ul>	7/051524 filed on
The above-ide	ntified application was made or authorized to be made by r	ne.
I believe that I	am the oষ্ট্ৰginal inventor or an original joint inventor of a cla	imed invention in the application.
Germany (Fed (hereinafter re is desirous of	rasse 38 shafen am Rhein eral Republic of) eferred to as "ASSIGNEE(S)") acquiring the entire right, title and interest in and to said ingranted therefore in the United States and its territorial	nvention and in and to any Letters Patent possessions and in any and all foreign
acknowledged the said invent to claim priorit Arrangements Patent which n	EREFORE, for good and valuable consideration the reconstruction, I, by these presents do assign and transfer unto said AStion in the United States and its territorial possessions and ty under the terms of the International Convention and from the aforesaid application) and the entire right, title analy be granted therefor in the United States and its territoring and to any and all divisions, reissues, continuations, substitutions.	SIGNEE(S), the full and exclusive right to in all foreign countries (including the right other relevant International Treaties and and interest in and to any and all Letters ial possessions and in any and all foreign
any and all for the assignee ASSIGNEE(S)	thorize and request the Patent Office Officials in the United reign countries to issue any and all of said Letters Patent, of my entire right, title and interest in and to the same, its (his) successors and assigns, to the full end of the telly and entirely as the same would have been held by me	when granted, to said ASSIGNEE(S) as e, for the sole use and behoof of said erm for which said Letters Patent may be
respecting sail continuation, s and all of said everything pos	gree that I will communicate to said ASSIGNEE(S) or its (h d invention, and testify in any legal proceeding, sign a substitute, renewal and reissue applications, execute all ned Letters Patent to be issued to said ASSIGNEE(S), m asible to aid said ASSIGNEE(S), its (his) successors and aid invention in the United States and its territorial possess	all lawful papers, execute all divisional, cessary assignment papers to cause any ake all rightful oaths, and, generally do di assigns, to obtain and enforce proper
I hereby ac 1001 by fine or	knowledge that any willful false statement made in this d imprisonment of not more than five (5) years, or both.	eclaration is punishable under 18 U.S.C.
LEGAL NAME Inventor: Birgit	OF INVENTOR Gockel	Date: 06/02   17

**PATENT** 

REEL: 049536 FRAME: 0521

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	CATALYTIC HYDROGENATION PROCES	S FOR PREPARING PYRAZOLES
As the below nan	med inventor, I hereby declare that:	
This declaration	[ ] The attached application, or	
is directed to:	[x] PCT international application number PCT 25 Jan 2017	/EP2017/051524 filed on
The above-identi	ified application was made or authorized to be ma	ade by me.
I believe that I an	n the original inventor or an original joint inventor	of a claimed invention in the application.
is desirous of acc	afen am Rhein al Republic of) rred to as "ASSIGNEE(S)") quiring the entire right, title and interest in and t	to said invention and in and to any Letters Patent erritorial possessions and in any and all foreign
acknowledged, I, the said inventior to claim priority Arrangements fro Patent which may	by these presents do assign and transfer unto n in the United States and its territorial possession under the terms of the International Convention om the aforesaid application) and the entire riginal	the receipt and sufficiency of which is hereby said ASSIGNEE(S), the full and exclusive right to one and in all foreign countries (including the right on and other relevant International Treaties and ht, title and interest in and to any and all Letters is territorial possessions and in any and all foreign one, substitutions and renewals thereof.
any and all foreign the assignee of ASSIGNEE(S), it	gn countries to issue any and all of said Letters my entire right, title and interest in and to t ts (his) successors and assigns, to the full end	e United States and its territorial possessions and Patent, when granted, to said ASSIGNEE(S) as he same, for the sole use and behoof of said of the term for which said Letters Patent may be d by me had this Assignment and sale not been
respecting said continuation, sub and all of said Leverything possit	invention, and testify in any legal proceeding estitute, renewal and reissue applications, execu Letters Patent to be issued to said ASSIGNE ble to aid said ASSIGNEE(S), its (his) succes	or its (his) representatives any facts known to me i, sign all lawful papers, execute all divisional, te all necessary assignment papers to cause any E(S), make all rightful oaths, and, generally do sors and assigns, to obtain and enforce proper possessions and in any and all foreign countries.
I hereby ackn 1001 by fine or in	nowledge that any willful false statement made in normal in normal norma	in this declaration is punishable under 18 U.S.C. oth.
LEGAL NAME Of Inventor: Michael Signature:	/ ~	Date: <u>06.02 - 17</u>

PATENT REEL: 049536 FRAME: 0522

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

Title of Invention	CATALYTIC HYDROGENATION PROCESS FOR PREPARING PYRAZOLES
As the below r	named inventor, I hereby declare that:
This declaration	on [] The attached application, or
is directed to:	<ul><li>[x] PCT international application number PCT/EP2017/051524 filed on 25 Jan 2017</li></ul>
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.
Germany (Fed (hereinafter re is desirous of	rasse 38 shafen am Rhein leral Republic 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 priori Arrangements Patent which r	EREFORE, for good and valuable consideration the receipt and sufficiency of which is hereby I, 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.
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 liy and entirely as the same would have been held by me had this Assignment and sale not been
respecting said continuation, sand all of said everything pos	gree that I will communicate to said ASSIGNEE(S) or its (his) representatives any facts known to me id 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 dossible 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.
I hereby ac 1001 by fine or	cknowledge that any willful false statement made in this declaration is punishable under 18 U.S.C. r imprisonment of not more than five (5) years, or both.
LEGAL NAME Inventor: Rolar	OF INVENTOR Date: 06.02.1/17

PATENT REEL: 049536 FRAME: 0523

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 CATALYTIC HYDROGENATION PROCESS FOR PREPARING PYRAZOLES
As the below named inventor, I hereby declare that:
This declaration [ ] The attached application, or
is directed to: [x] PCT international application number PCT/EP2017/051524 filed on 25 Jan 2017
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 (Federal Republic of) (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.
Inventor: Sebastian Soergel  Signature:

**PATENT** REEL: 049536 FRAME: 0524

US\_PCT\_Deci RECORDED: 06/20/2019