504637111 11/10/2017

PATENT ASSIGNMENT COVER SHEET

Electronic Version v1.1 Stylesheet Version v1.2 EPAS ID: PAT4683829

SUBMISSION TYPE:	NEW ASSIGNMENT
NATURE OF CONVEYANCE:	ASSIGNMENT

CONVEYING PARTY DATA

Name	Execution Date
BARBARA NAVE	06/09/2016
JOACHIM DICKHAUT	06/17/2016
PETER NESVADBA	06/14/2016
MIHIRET TEKESTE SISAY	06/20/2016
ALEXANDER WISSEMEIER	06/17/2016
WOLFRAM ZERULLA	06/13/2016
GREGOR PASDA	06/13/2016
OLOF WALLQUIST	06/21/2016
ALLAN CUNNINGHAM	06/16/2016

RECEIVING PARTY DATA

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

PROPERTY NUMBERS Total: 1

Property Type	Number		
Application Number:	15573224		

CORRESPONDENCE DATA

Fax Number: (314)612-2323

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: 314-621-5070

Email: USpatents@armstrongteasdale.com

Correspondent Name: PATENT DOCKET DEPARTMENT ARMSTRONG TEASD

Address Line 1: 7700 FORSYTH BOULEVARD

Address Line 2: SUITE 1800

Address Line 4: ST. LOUIS, MISSOURI 63105

ATTORNEY DOCKET NUMBER:	27843-1205 0000077529US01
NAME OF SUBMITTER:	CHRISTOPHER M. GOFF

504637111 PATENT REEL: 044091 FRAME: 0220

SIGNATURE:	/Christopher M. Goff/	
DATE SIGNED:	11/10/2017	
	This document serves as an Oath/Declaration (37 CFR 1.63).	
Total Attachments: 9	•	
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PATENT REEL: 044091 FRAME: 0221

litle of Invention	THIOETHER COMPOUNDS AS NITRIFICATION INHIBITORS	
As the below r	named inventor, I hereby declare that:	
This declaration	on [] The attached application, or	
is directed to:	[x] PCT international application number PCT/EP2016/060517 filed on 11 May 2016	
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 in the app	lication.
Germany (Fed (hereinafter re is desirous of	r. 38 shafen am Rhein deral Republic of) eferred to as "ASSIGNEE(S)") acquiring the entire right, title and interest in and to said invention and in and to ar granted therefore in the United States and its territorial possessions and in any	
acknowledged the said invent to claim priori Arrangements Patent which r	EREFORE, for good and valuable consideration the receipt and sufficiency of the set of t	exclusive right to acluding the right hal Treaties and y and all Letters by and all foreign
any and all for the assignee ASSIGNEE(S)	othorize and request the Patent Office Officials in the United States and its territorial reign countries to issue any and all of said Letters Patent, when granted, to said A of my entire right, title and interest in and to the same, for the sole use and), its (his) successors and assigns, to the full end of the term for which said Letters and entirely as the same would have been held by me had this Assignment are	SSIGNEE(S) as behoof of said s Patent may be
respecting sa continuation, s and all of sai everything po	agree that I will communicate to said ASSIGNEE(S) or its (his) representatives any faid invention, and testify in any legal proceeding, sign all lawful papers, execusubstitute, renewal and reissue applications, execute all necessary assignment paper id Letters Patent to be issued to said ASSIGNEE(S), make all rightful oaths, are saible to aid said ASSIGNEE(S), its (his) successors and assigns, to obtain and said invention in the United States and its territorial possessions and in any and all for	te all divisional, ers to cause any nd, generally do I enforce proper
	cknowledge that any willful false statement made in this declaration is punishable or imprisonment of not more than five (5) years, or both.	under 18 U.S.C.
LEGAL NAME	OF INVENTOR para Nave Date:	9.6.2016
Signature:	Rale NI	

US_PCT_Deci

Title of	
Invention	THIOETHER COMPOUNDS AS NITRIFICATION INHIBITORS
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WHEREAS, BASF SE	
Carl-Bosch-Str	r <mark>. 38</mark>
	shafen am Rhein
	eral Republic of) ferred 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 granted therefore in the United States and its territorial possessions and in any and all foreign
countries;	
acknowledged the said invent to claim priori Arrangements Patent which n countries and i	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 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 lly and entirely as the same would have been held by me had this Assignment and sale not been
respecting sail continuation, said 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 deterer 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.
l amountaria a maria	knowledge that any willful false statement made in this declaration is punishable under 18 U.S.C. rimprisonment of not more than five (5) years, or both.
LEGAL NAME Inventor: Joaci	OF INVENTOR him Dickhaut Date: 17.6. 2016
Signature:	70.

US_PCT_Deci

Invention	THIOETHER COMPOUNDS AS NITRIFICATION INHIBITORS	
As the below n	amed inventor, I hereby declare that:	
This declaratio	n [] The attached application, or	
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The above-ide	ntified application was made or authorized to be made by me.	
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Germany (Fed (hereinafter re is desirous of a	. 38 shafen am Rhein eral Republic of) ferred to as "ASSIGNEE(S)") acquiring the entire right, title and interest in and to said invention and in and to ranted therefore in the United States and its territorial possessions and in	
acknowledged, the said inventito claim priorit Arrangements Patent which moduli in the assigned ASSIGNEE(S),	REFORE, for good and valuable consideration the receipt and sufficiency I, by these presents do assign and transfer unto said ASSIGNEE(S), the full a continuous in the United States and its territorial possessions and in all foreign countries y under the terms of the International Convention and other relevant Internation the aforesaid application) and the entire right, title and interest in and to may be granted therefor in the United States and its territorial possessions and in and to any and all divisions, reissues, continuations, substitutions and renewal thorize and request the Patent Office Officials in the United States and its territorial possessions an	and exclusive right to es (including the right lational Treaties and or any and all Letters in any and all foreign list hereof. Orial possessions and aid ASSIGNEE(S) as and behoof of said etters Patent may be
respecting said continuation, so and all of said everything pos	pree that I will communicate to said ASSIGNEE(S) or its (his) representatives and invention, and testify in any legal proceeding, sign all lawful papers, exubstitute, renewal and reissue applications, execute all necessary assignment I Letters Patent to be issued to said ASSIGNEE(S), make all rightful oaths sible to aid said ASSIGNEE(S), its (his) successors and assigns, to obtain aid invention in the United States and its territorial possessions and in any and a	cecute all divisional, papers to cause any s, and, generally do and enforce proper
	knowledge that any willful false statement made in this declaration is punisha imprisonment of not more than five (5) years, or both.	ble under 18 U.S.C.
LEGAL NAME Inventor: Peter	OF INVENTOR Nesvadba Dat	te: 14 yune 2016
Signature:	Pola Vimadle	

US_PCT_Deci

Title of Invention

THIOETHER COMPOUNDS AS NITRIFICATION INHIBITORS

As the below named inventor, I hereby declare that:

This declaration [] The attached application, or

is directed to:

(x) PCT international application number PCT/EP2016/060517 filed on

11 May 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-Str. 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.

LEGAL NAME OF INVENTOR

Inventor: Mihiret Tekeste Sisay

Date: 20.6 2016

Mihiret-Texute Siza

Title of Invention	THIOETHER COMPOUNDS AS NITRIFICATION INHIBITORS	
As the below	named inventor, I hereby declare that:	
This declaration	on [] The attached application, or	
is directed to:	[x] PCT international application number PCT/EP2016/060517 filed on 11 May 2016	
The above-ide	entified application was made or authorized to be made by me.	
I believe that	am the original inventor or an original joint inventor of a claimed invention in th	e application.
Germany (Fed (hereinafter rais desirous of	r. 38 shafen am Rhein deral Republic of) eferred to as "ASSIGNEE(S)") acquiring the entire right, title and interest in and to said invention and in and granted therefore in the United States and its territorial possessions and i	
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respecting sa continuation, and all of sa everything po	agree that I will communicate to said ASSIGNEE(S) or its (his) representatives a cid invention, and testify in any legal proceeding, sign all lawful papers, of substitute, renewal and reissue applications, execute all necessary assignment id Letters Patent to be issued to said ASSIGNEE(S), make all rightful oat a said assign ASSIGNEE(S), its (his) successors and assigns, to obtain said invention in the United States and its territorial possessions and in any and	execute all divisional, it papers to cause any hs, and, generally do n and enforce proper
I hereby a 1001 by fine o	cknowledge that any willful false statement made in this declaration is punishor imprisonment of not more than five (5) years, or both.	nable under 18 U.S.C.
1	OF INVENTOR ander Wissemeier Depend Vinen	ate: 17. C. 16

US_PCT_Decl

Title of						
Invention	THIOETHER C	COMPOLIN	JDS AS NITRII	ICATION I	NHIRITORS	
As the below n	amed inventor, I h	rereby decla	re that:		30-160/01-32/130	
This declaration	n [] The attach	ned applicati	ion, or			
is directed to:	[x] PCT interr		lication number F	PCT/EP2016/0	060517 filed on	
The above-ider	ntified application	was made o	or authorized to b	e made by me).	
I believe that I	am the original inv	ventor or an	original joint inve	ntor of a clain	ned invention in the	application.
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WHEREAS,						
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Patent which me countries and in the lassignee of ASSIGNEE(S), granted, as full made.	nay be granted the n and to any and a thorize and reques eign countries to of my entire right, its (his) successi ly and entirely as	erefor in the all divisions, st the Patent issue any art, title and ors and ass the same w	United States ar reissues, continu t Office Officials i nd all of said Lel interest in and igns, to the full e would have been	id its territoria lations, substi n the United S ters Patent, v to the same, and of the terr held by me	I possessions and tutions and renewal states and its territor when granted, to so for the sole use m for which said Linad this Assignments.	orial possessions and aid ASSIGNEE(S) as and behoof of said etters Patent may be nt and sale not been
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I hereby ac 1001 by fine or	knowledge that ar imprisonment of r	ny willful fals not more tha	se statement ma in five (5) years,	de in this dec or both.	claration is punisha	able under 18 U.S.C.
LEGAL NAME Inventor: Wolfre	OF INVENTOR am Zerulla	Jun	النمائة بين الآخر الأناسية الأجراب و <u>المجاور</u>	and a graph of the first constraints and the second second second second second second second second second se	Da	te: 13,06.16

US_PCT_Deci

Title of Invention	THIOTTHED COMPOUNDS AC NUTBER OF THE PROPERTY	
As the below n	THIOETHER COMPOUNDS AS NITRIFICATION INHIBITORS amed inventor, I hereby declare that:	
This declaration	n [] The attached application, or	는 사람이 있는 경제 발표하다. 1980년 - 1980년 1일 전기
is directed to:	[x] PCT international application number PCT/EP2016/060517 filed on 11 May 2016	
The above-ider	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 app	olication.
WHEREAS, BASF SE Carl-Bosch-Str 67056 Ludwigs	: 38 shafen am Rhein	
Germany (Fed	eral Republic of)	
is desirous of a	ferred to as "ASSIGNEE(S)") acquiring the entire right, title and interest in and to said invention and in and to a granted therefore in the United States and its territorial possessions and in any	
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any and all for the assignee ASSIGNEE(S)	thorize and request the Patent Office Officials in the United States and its territorial reign countries to issue any and all of said Letters Patent, when granted, to said A of my entire right, title and interest in and to the same, for the sole use and , its (his) successors and assigns, to the full end of the term for which said Letter lly and entirely as the same would have been held by me had this Assignment as	ASSIGNEE(S) as labeled by behoof of said as Patent may be
respecting said continuation, so and all of said everything pos	gree that I will communicate to said ASSIGNEE(S) or its (his) representatives any fail discommunicate to said ASSIGNEE(S) or its (his) representatives any fail discommunication, and testify in any legal proceeding, sign all lawful papers, executable stitute, renewal and reissue applications, execute all necessary assignment paped Letters Patent to be issued to said ASSIGNEE(S), make all rightful oaths, a saible to aid said ASSIGNEE(S), its (his) successors and assigns, to obtain and said invention in the United States and its territorial possessions and in any and all for	ite all divisional, lers to cause any ind, generally do d enforce proper
I hereby ac 1001 by fine or	cknowledge that any willful false statement made in this declaration is punishable r imprisonment of not more than five (5) years, or both.	under 18 U.S.C.
LEGAL NAME Inventor: Greg	OF INVENTOR Or Pasda Date:_	13.06.201
Signature:	Megertasda	

US_PCT_Decl

Title of		
Invention	THIOETHER COMPOUNDS AS NITRIFIC	CATION INHIBITORS
		통하는 마음 내 에 가능한 1940년 1일 전쟁한 분 및 Propie 하는 현실 이 경기가 되었다. 유럽한 보다 하는
This declarati	ion [] The attached application, or	
is directed to:	 [x] PCT international application number PC 11 May 2016 	T/EP2016/060517 filed on
The above-ide	entified application was made or authorized to be n	nade by me.
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WHEREAS.		
BASF SE		
Carl-Bosch-S	itr. 38	
67056 Ludwig	gshafen am Rhein	
	deral Republic of)	
	referred to as "ASSIGNEE(S)")	ting to the Alberg to Alberg Alberg, the property of the contraction for the contraction of the consequence of The contraction of the contraction
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	acknowledge that any willful false statement made or imprisonment of not more than five (5) years, or t	
LEGAL NAME Inventor: Olof	E OF INVENTOR Wallquist	Date: June 21, 2016

US_PCT_Deci

Signature:_

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	FOF INVENTOR And AC	Date: 16.6. 2016

PATENT REEL: 044091 FRAME: 0230

RECORDED: 11/10/2017