

## PATENT ASSIGNMENT COVER SHEET

Electronic Version v1.1  
 Stylesheet Version v1.2

EPAS ID: PAT5751985

<b>SUBMISSION TYPE:</b>	NEW ASSIGNMENT
<b>NATURE OF CONVEYANCE:</b>	ASSIGNMENT
<b>CONVEYING PARTY DATA</b>	
<b>Name</b>	<b>Execution Date</b>
GERHARD MESTL	08/12/2019
KLAUS WANNINGER	10/02/2019
DANIEL MELZER	08/20/2019
MARIA CRUZ SANCHEZ-SANCHEZ	08/12/2019
JULIA TSEGLAKOVA	08/14/2019
JOHANNES LERCHER	08/16/2019
<b>RECEIVING PARTY DATA</b>	
<b>Name:</b>	CLARIANT PRODUKTE (DEUTSCHLAND) GMBH
<b>Street Address:</b>	BRÜNINGSTR. 50
<b>City:</b>	FRANKFURT AM MAIN
<b>State/Country:</b>	GERMANY
<b>Postal Code:</b>	65929
<b>PROPERTY NUMBERS Total: 1</b>	
<b>Property Type</b>	<b>Number</b>
Application Number:	16480736
<b>CORRESPONDENCE DATA</b>	
<b>Fax Number:</b>	
<i>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.</i>	
<b>Phone:</b>	502 634 7200
<b>Email:</b>	donna.ferrill@clariant.com
<b>Correspondent Name:</b>	CLARIANT CORPORATION
<b>Address Line 1:</b>	1600 WEST HILL STREET
<b>Address Line 2:</b>	IP DEPARTMENT
<b>Address Line 4:</b>	LOUISVILLE, KENTUCKY 40210
<b>ATTORNEY DOCKET NUMBER:</b>	201900509-2017DE606
<b>NAME OF SUBMITTER:</b>	DONNA FERRILL
<b>SIGNATURE:</b>	/Donna Ferrill/
<b>DATE SIGNED:</b>	10/03/2019

**Total Attachments: 6**

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Synthesis of a MoVNbTe catalyst having an increased specific surface and higher activity for the oxidative dehydrogenation of ethane to ethylene

A S S I G N M E N T

For valuable consideration, the receipt and adequacy of which is hereby acknowledged,

I/We

- 1) Gerhard MESTL, Ebereschensir. 71, 80935 Muenchen, Germany
- 2) Klaus WANNINGER, Am Egelsee 2, 83059 Kolbermoor, Germany
- 3) Daniel MELZER, Geroltstr. 30a, 80339 Muenchen, Germany
- 4) Maria Cruz SANCHEZ-SANCHEZ, Dreimuehlenstr. 4, 80469 Muenchen, Germany
- 5) Julia TSEGLAKOVA, Heidestrasse 93, 45476 Muehlheim an der Ruhr, Germany
- 6) Johannes LERCHER, Adalbert-Stifter-Str. 39, 85521 Ottobrunn, Germany

Citizenship: 1)- 3) German, 4) Spain, 5) Estonia, 6) German

hereby sell, assign, and transfer unto Clariant Produkte (Deutschland) GmbH,  
a corporation organized under the laws of Germany  
located at Brueningstr. 50, 65929 Frankfurt am Main, Germany

the entire right, title and interest in and to my/our application for Letters Patent of the  
United States, executed concurrently herewith /

Ser.-No.: 16/480736

filed: July 25, 2019

entitled: **Synthesis of a MoVNbTe catalyst having an increased specific surface and higher activity for the oxidative dehydrogenation of ethane to ethylene**

and my/our right, title, and interest in and to all my/our inventions disclosed in said application for Letters Patent, and in and to all divisional, continuation or continuation-in-part applications that may be filed for United States Letters Patent for any of said inventions, and in and to all patents that may be granted on the foregoing applications, and I/we hereby agree, whenever requested, to communicate to said assignee, its successors and assigns, any facts known to me/us respecting said inventions, to testify in any legal proceeding, and to execute all applications or papers necessary to obtain and maintain proper patent protection on said inventions in the United States.

Synthesis of a MoVNbTe catalyst having an increased specific surface and higher activity for the oxidative dehydrogenation of ethane to ethylene

Inventors:

1) \_\_\_\_\_  
Gerhard Mestl

Date: \_\_\_\_\_

2)  \_\_\_\_\_  
Klaus Wanninger

Date: Oct. 2<sup>nd</sup>, 2019

3) \_\_\_\_\_  
Daniel Melzer

Date: \_\_\_\_\_

4) \_\_\_\_\_  
Maria Cruz Sanchez-Sanchez

Date: \_\_\_\_\_

5) \_\_\_\_\_  
Julia Tseglakova

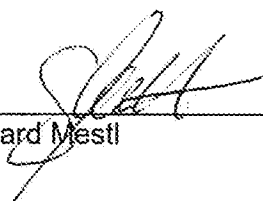
Date: \_\_\_\_\_

6) \_\_\_\_\_  
Johannes Lercher

Date: \_\_\_\_\_

**Synthesis of a MoVNbTe catalyst having an increased specific surface and higher activity for the oxidative dehydrogenation of ethane to ethylene**

Inventors:

1)   
Gerhard Mestl

Date: 12.8.19

2) \_\_\_\_\_  
Klaus Wanninger

Date: \_\_\_\_\_

3) \_\_\_\_\_  
Daniel Melzer

Date: \_\_\_\_\_

4) \_\_\_\_\_  
Maria Cruz Sanchez-Sanchez

Date: \_\_\_\_\_

5) \_\_\_\_\_  
Julia Tsegalakova

Date: \_\_\_\_\_

6) \_\_\_\_\_  
Johannes Lercher

Date: \_\_\_\_\_

Synthesis of a MoVNbTe catalyst having an increased specific surface and higher activity for the oxidative dehydrogenation of ethane to ethylene

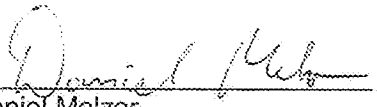
Inventors:

1) \_\_\_\_\_  
Gerhard Mestl

Date: \_\_\_\_\_

2) \_\_\_\_\_  
Klaus Wanninger

Date: \_\_\_\_\_

3)   
Daniel Melzer

Date: 20/08/19

4) \_\_\_\_\_  
Maria Cruz Sanchez-Sanchez

Date: \_\_\_\_\_

5) \_\_\_\_\_  
Julia Tseglaikova

Date: \_\_\_\_\_

6) \_\_\_\_\_  
Johannes Lercher

Date: \_\_\_\_\_

**Synthesis of a MoVNbTe catalyst having an increased specific surface and higher activity for the oxidative dehydrogenation of ethane to ethylene**

Inventors:

1) \_\_\_\_\_  
Gerhard Mestl

Date: \_\_\_\_\_

2) \_\_\_\_\_  
Klaus Wanninger

Date: \_\_\_\_\_

3) \_\_\_\_\_  
Daniel Melzer

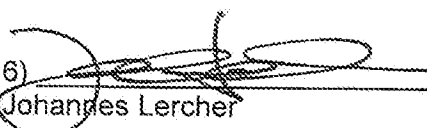
Date: \_\_\_\_\_

4)  \_\_\_\_\_  
Maria Cruz Sanchez-Sanchez

Date: 12<sup>th</sup> Aug 2019

5) \_\_\_\_\_  
Julia Tseglakova

Date: \_\_\_\_\_

6)  \_\_\_\_\_  
Johannes Lercher

Date: 16.08.2019

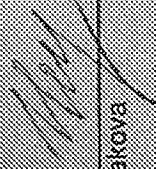
Inventors:

1) Gerhard Miesli Date: \_\_\_\_\_

2) Klaus Wanninger Date: \_\_\_\_\_

3) Daniel Meizer Date: \_\_\_\_\_

4) Maria Cruz Sanchez-Sanchez Date: \_\_\_\_\_

5)  Date: 14.08.2019

6) Johannes Lercher Date: \_\_\_\_\_