

<b>PATENT ASSIGNMENT COVER SHEET</b>
--------------------------------------

Electronic Version v1.1  
 Stylesheet Version v1.2

EPAS ID: PAT4992395

<b>SUBMISSION TYPE:</b>	NEW ASSIGNMENT
<b>NATURE OF CONVEYANCE:</b>	ASSIGNMENT
<b>CONVEYING PARTY DATA</b>	
<b>Name</b>	<b>Execution Date</b>
BASF CATALYSTS GERMANY GMBH	04/05/2018
<b>RECEIVING PARTY DATA</b>	
<b>Name:</b>	BASF CORPORATION
<b>Street Address:</b>	100 PARK AVENUE
<b>City:</b>	FLORHAM PARK
<b>State/Country:</b>	NEW JERSEY
<b>Postal Code:</b>	07932
<b>PROPERTY NUMBERS Total: 1</b>	
<b>Property Type</b>	<b>Number</b>
<b>Application Number:</b>	15555131
<b>CORRESPONDENCE DATA</b>	
<b>Fax Number:</b>	(703)413-2220
<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>	(703) 413-3000
<b>Email:</b>	corpassignments@oblon.com
<b>Correspondent Name:</b>	OBLON, ET AL.
<b>Address Line 1:</b>	1940 DUKE STREET
<b>Address Line 4:</b>	ALEXANDRIA, VIRGINIA 22314
<b>ATTORNEY DOCKET NUMBER:</b>	472133US
<b>NAME OF SUBMITTER:</b>	CARLA ASKEY
<b>SIGNATURE:</b>	/Carla Askey/
<b>DATE SIGNED:</b>	06/05/2018
<b>Total Attachments: 3</b>	
source=Corp Assn - BASF Catalysts to BASF Corp#page1.tif	
source=Corp Assn - BASF Catalysts to BASF Corp#page2.tif	
source=Corp Assn - BASF Catalysts to BASF Corp#page3.tif	

Docket No. 472133US

**IN THE UNITED STATES PATENT AND TRADEMARK OFFICE**

IN RE APPLICATION OF: Gerd GRUBERT et al.

SERIAL NUMBER: 15/555,131

ATTN: ASSIGNMENT BRANCH

FILING DATE: September 1, 2017

FOR: NO<sub>x</sub> ADSORBER CATALYST, METHODS AND SYSTEMS

**IDENTIFICATION OF PATENTS AND PATENT APPLICATIONS UNDER 37 CFR 3.21**

COMMISSIONER FOR PATENTS  
ALEXANDRIA, VIRGINIA 22313

Commissioner:

The Assignment enclosed herewith contains the Title of the Invention, Inventor(s) name(s), along with the application serial number and is believed, in combination with the filing date contained in this cover letter, to adequately identify the above-identified application in accordance with 37 CFR 3.21, as set forth in MPEP Section 302.03.

In light of the foregoing, this Assignment is deemed to be in proper condition for examination and such favorable action is earnestly solicited.

Respectfully Submitted,

OBLON, McCLELLAND,  
MAIER & NEUSTADT, L.L.P.

/Maki Saitoh/

---

Richard L. Treanor  
Registration No. 36,379

Customer Number

**22850**

Tel. (703) 413-3000  
Fax. (703) 413-2220  
(OMMN 07/09)

Maki Saitoh  
Registration No.: 72,208

### Declaration of Assignment of Rights

**BASF CATALYSTS GERMANY GMBH**, Seligmannellee 1, 30173 Hannover, Germany after good and valuable consideration, the receipt and adequacy of which is hereby acknowledged, hereby assigns all its right, title and interest in and to the invention (BASF reference 0000076478) as disclosed in the application(s)

Country	Application No.	Filing Date	Application Title
United States of America	15/555131	03 Mar 2016	NOx Adsorber Catalyst, Methods and Systems

(hereinafter collectively referred to as "Application(s)"). The Assignee or its designee is authorized to insert here any further identification(s) of said invention, including Application Number(s), Filing Date(s), and Filing Country(ies)).

which right, title and interest were transferred from the inventor(s) GRUBERT, Gerd; NEUBAUER, Torsten; PUNKE, Alfred; HILGENDORFF, Marcus to **BASF CATALYSTS GERMANY GMBH**

to  
 BASF Corporation  
 100 Park Avenue  
 07932 Florham Park  
 United States of America

including (i) the right to claim priority under the laws of any country, the Paris Convention, and the Patent Cooperation Treaty to the Application(s), (ii) in and to the invention as described in the Application(s) and the Application(s) itself, and (iii) in and to all divisions, continuations, and continuations-in-part, or other applications claiming priority directly or indirectly from the Application(s) and all Letters Patent, utility models, industrial designs, petty patents, design registrations, copyrights, and legal equivalents thereof that may be granted for the invention, and (iv) all reissues, reexaminations and extensions thereof, these and the full and exclusive right, title, and interest to be held and enjoyed by Assignee to the full end of the term for which the Letters Patent are granted and any extensions thereof as fully and entirely as the same would have been held by Assignor had the assignment and sale not been made.

BASF CATALYSTS GERMANY GMBH shall provide BASF Corporation with any assistance necessary for the acquisition of industrial property rights.

**BASF CATALYSTS GERMANY GMBH**

DATE 05 April 2018

SIGNATURE   
T. Kuntmann

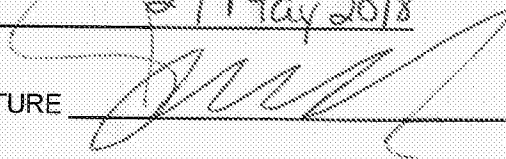
TITLE VP and Managing Director

05 April 2018  
i.v. T. Neudrueck  
T. Neudrueck  
VP R&D Europe

We hereby accept the above assignment.

**BASF Corporation**

DATE 29 May 2018

SIGNATURE 

TITLE IP VP & Deputy General Counsel