## 506016008 04/15/2020

# PATENT ASSIGNMENT COVER SHEET

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SUBMISSION TYPE:	NEW ASSIGNMENT	
NATURE OF CONVEYANCE:	ASSIGNMENT	

#### **CONVEYING PARTY DATA**

Name	Execution Date
ANDREI-NICOLAE PARVULESCU	01/30/2018
MARIE KATRIN SCHROETER	01/30/2018
JOHANN-PETER MELDER	01/29/2018
THOMAS HEIDEMANN	01/29/2018
ULRICH MUELLER	03/02/2018

#### **RECEIVING PARTY DATA**

Name:	BASF SE
Street Address:	CARL-BOSCH-STRASSE38
City:	LUDWIGSHAFEN AM RHEIN
State/Country:	GERMANY
Postal Code:	67056

### **PROPERTY NUMBERS Total: 1**

Property Type	Number
Application Number:	16464966

#### CORRESPONDENCE DATA

Fax Number:

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:** 3024674256

**Email:** docketing-wm@faegredrinker.com

Correspondent Name: FAEGRE DRINKER BIDDLE & REATH LLP

Address Line 1:222 DELAWARE AVE., SUITE 1410Address Line 4:WILMINGTON, DELAWARE 19801

ATTORNEY DOCKET NUMBER:	074040.589766-0172	
NAME OF SUBMITTER:	GEOFFREY A. ZELLEY	
SIGNATURE:	/Geoffrey A. Zelley/	
DATE SIGNED:	04/15/2020	

**Total Attachments: 8** 

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PATENT REEL: 052405 FRAME: 0816 source=20200415\_074040\_589769\_0172\_Assignment\_from\_inventors\_to\_BASF\_SE#page2.tif source=20200415\_074040\_589769\_0172\_Assignment\_from\_inventors\_to\_BASF\_SE#page3.tif source=20200415\_074040\_589769\_0172\_Assignment\_from\_inventors\_to\_BASF\_SE#page4.tif source=20200415\_074040\_589769\_0172\_Assignment\_from\_inventors\_to\_BASF\_SE#page5.tif source=20200415\_074040\_589769\_0172\_Assignment\_from\_inventors\_to\_BASF\_SE#page6.tif source=20200415\_074040\_589769\_0172\_Assignment\_from\_inventors\_to\_BASF\_SE#page7.tif source=20200415\_074040\_589769\_0172\_Assignment\_from\_inventors\_to\_BASF\_SE#page8.tif

PATENT REEL: 052405 FRAME: 0817

# Individual Assignment (including Assignment of Priority Rights)

The undersigned (hereinafter collectively referred to as "Assignor") has invented an invention as disclosed in the application(s)

Country	Application No.	Filing Date	Application Title
European Patent	16201341.1	30 Nov 2016	Process for the Conversion of Ethylene Glycol to Ethylenediamine employing a Zeolite Catalyst
PCT (none Prio)	PCT/EP2017/080816	29 Nov 2017	Process for the Conversion of Ethylene Glycol to Ethylenediamine employing a Zeolite Catalyst

(hereinafter collectively referred to as "Application(s)").

I do hereby authorize Assignee or its designee to insert here any further identification(s), including Application Number(s), Filing Date(s), and Filing Country(ies).

As the below named inventor(s), I hereby declare that the above-identified Application(s) 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.

BASF SE, Carl-Bosch-Strasse 38, 67056 Ludwigshafen am Rhein, Germany (hereinafter referred to as "Assignee"), desires to confirm that it has already been assigned, or, if not already assigned, desires to acquire the entire legal and beneficial right, title, and interest in the invention and the Application(s), including the right to claim priority of the Application(s);

NOW, THEREFORE, for good and valuable consideration, the receipt and adequacy of which is hereby acknowledged, Assignor hereby confirms that Assignor already did, or agrees to and hereby does, assign and transfer unto Assignee and its successors in interest and assignees, the full and exclusive right, title, and interest, throughout the world, 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, and the right to sue for, and recover for past infringements of, or liabilities for, any of the rights relating to any of the applications or patents, utility models,

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industrial designs, petty patents, design registrations, copyrights, and legal equivalents thereof resulting therefrom.

I do hereby agree to assist Assignee in the prosecution of the application(s) and in any interference, conflict, opposition or litigation which may arise involving the invention or the patent or patents thereon, and to execute for any and all countries any document relating to applications derived from, corresponding to or equivalent to the above identified application as Assignee may request.

I authorize Assignee or its designee to translate this Assignment into all languages necessary; and we request that such Letters Patent be issued to Assignee; and consent to the recordal of this Assignment, or Notarial True Copy thereof, being under covenant not only that I have full power to make the same, but also that such assigned rights are not encumbered by any grant, license, or other right heretofore given.

(Signature page(s) follow(s))

Subscribed and Declared by:			
Inventor: PARVULESCU, Andrei-Nicolae			
At:	<u> </u>	_	
	lay of		
Name:	PARVULESCU, Andrei-Nicolae		
Address:	Carl-Bosch-Strasse 38, 67056 Ludwigshaf	fer	
Country:	Germany		
Nationality:	Romania		
Employed by:	BASF SE		
Of Country:	Germany		

Of Country:

Germany

Subscribed and Declared by:

Inventor: MELDER, Johann-Peter

At: \_\_\_\_\_

Signature:

Name: MELDER, Johann-Peter

Address: Carl-Bosch-Strasse 38, 67056 Ludwigshafen

Country: Germany
Nationality: Germany

Employed by: BASF SE

Of Country: Germany

Subscribed and Declared by: Inventor: HEIDEMANN, Thomas this \_\_\_\_\_ day of \_ Name: HEIDEMANN, Thomas Carl-Bosch-Strasse 38, 67056 Ludwigshafen Address: Country: Germany Nationality: Germany Employed by: BASF SE Of Country:

Germany

Of Country:

Germany

# Assignee Acceptance

Employer, the Ass	signee: BASF SE		
hereby accepts th	e Assignment		
from, the Assignor	Ť		
PARVULESCU, A SCHROETER, Ma MELDER, Johann HEIDEMANN, Tho MUELLER, Ulrich	arie Katrin -Peter		
of the invention as	disclosed in the follow	ing application	o(s):
Country European Patent	Application No. 16201341.1	Filing Date 30 Nov 2016	Process for the Conversion of Ethylene Glycol to Ethylenediamine employing a
PCT (none Prio)	PCT/EP2017/080816	29 Nov 2017	Zeolite Catalyst Process for the Conversion of Ethylene Glycol to Ethylenediamine employing a Zeolite Catalyst
without any restrictions and with all rights and obligations deriving therefrom and declare that this confirmation of acceptance shall deemed a part of said Assignment.			
Signed and accept	ed at	en, German	8
this <u>&amp;</u> day	of_ <u>                                     </u>	8 3	
BASF SE			
1. NAME / TITLE:	Or. Uwa Praßic Vice Presidenti	<sup>≝</sup> SIGNATU ₃	RE:(Ashtyorized Representative)
2. NAME / TITLE:	Or. Thomas Cim	∩l⊚k SIGNATUI	RE: 404

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(Authorized Representative)

Vice Presidents

**RECORDED: 04/15/2020**