

## PATENT ASSIGNMENT COVER SHEET

Electronic Version v1.1  
 Stylesheet Version v1.2

EPAS ID: PAT7157408

<b>SUBMISSION TYPE:</b>	CORRECTIVE ASSIGNMENT	
<b>NATURE OF CONVEYANCE:</b>	Corrective Assignment to correct the INVENTOR/ASSIGNOR MATTHIAS GEORG SCHWAB SHOULD HAVE BEEN ASSIGNED TO BASF SE AND NOT BASF CORPORATION previously recorded on Reel 048255 Frame 0049. Assignor(s) hereby confirms the INVENTOR/ASSIGNOR MATTHIAS GEORG SCHWAB CONFIRMS THE ASSIGNMENT TO BASF SE AND NOT BASF CORPORATION.	
<b>CONVEYING PARTY DATA</b>		
	<b>Name</b>	<b>Execution Date</b>
	MATTHIAS GEORG SCHWAB	01/22/2022
<b>RECEIVING PARTY DATA</b>		
<b>Name:</b>	BASF SE	
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<b>City:</b>	LUDWIGSHAFEN AM RHEIN	
<b>State/Country:</b>	GERMANY	
<b>Postal Code:</b>	67056	
<b>PROPERTY NUMBERS Total: 1</b>		
<b>Property Type</b>	<b>Number</b>	
<b>Application Number:</b>	16302577	
<b>CORRESPONDENCE DATA</b>		
<b>Fax Number:</b>	(973)597-2405	
<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>Email:</b>	rparadiso@lowenstein.com	
<b>Correspondent Name:</b>	ROBERT J. PARADISO	
<b>Address Line 1:</b>	ONE LOWENSTEIN DRIVE	
<b>Address Line 2:</b>	LOWENSTEIN SANDLER LLP	
<b>Address Line 4:</b>	ROSELAND, NEW JERSEY 07068	
<b>ATTORNEY DOCKET NUMBER:</b>	28482-696	
<b>NAME OF SUBMITTER:</b>	ROBERT J. PARADISO	
<b>SIGNATURE:</b>	/Robert J. Paradiso/	
<b>DATE SIGNED:</b>	02/03/2022	
<b>Total Attachments: 5</b>		
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## PATENT ASSIGNMENT COVER SHEET

Electronic Version v1.1  
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EPAS ID: PAT5363361

<b>SUBMISSION TYPE:</b>	NEW ASSIGNMENT
<b>NATURE OF CONVEYANCE:</b>	ASSIGNMENT
<b>CONVEYING PARTY DATA</b>	
<b>Name</b>	<b>Execution Date</b>
WEIQING JOE ZOU	08/27/2018
DAVID JAMES BROCKWAY	08/27/2018
PETER PFAB	08/27/2018
MATTHIAS GEORG SCHWAB	08/27/2018
<b>RECEIVING PARTY DATA</b>	
<b>Name:</b>	BASF CORPORATION
<b>Street Address:</b>	100 PARK AVE
<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>
Application Number:	16302577
<b>CORRESPONDENCE DATA</b>	
<b>Fax Number:</b>	(973)597-6187
<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>	9735972500
<b>Email:</b>	MCampolongo@lowenstein.com
<b>Correspondent Name:</b>	PATENT DOCKET ADMINISTRATOR
<b>Address Line 1:</b>	LOWENSTEIN SANDLER LLP
<b>Address Line 2:</b>	ONE LOWENSTEIN DRIVE
<b>Address Line 4:</b>	ROSELAND, NEW JERSEY 07068
<b>ATTORNEY DOCKET NUMBER:</b>	28482-696 (160208US02)
<b>NAME OF SUBMITTER:</b>	MICHAEL J. CAMPOLONGO
<b>SIGNATURE:</b>	/Michael J. Campolongo/
<b>DATE SIGNED:</b>	02/06/2019
<b>Total Attachments: 2</b>	
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**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
United States of America	62/340134	23 May 2016
Patent Cooperation Treaty	PCT/US17/33803	22 May 2017

(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.

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 **BASF SE**, Carl-Bosch-Strasse 38, 67056 Ludwigshafen am Rhein, Germany (hereinafter referred to as "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, 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, derivation proceeding, inter partes review, post grant review, reissue, reexamination, 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 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))

NOTARY  
PUBLIC  
STATE OF  
NEW YORK

My Commission Expires  
on 12/31/2011  
My Notary Number is  
123456789

Subscribed and Declared by:  
Inventor: SCHWAB, Matthias Georg

Place: MANNHEIM, GERMANY  
(City)

Date: 27/01/2022  
(day, month, year)

Signature: Matthias Schwab  
SCHWAB, Matthias Georg

Name: SCHWAB, Matthias Georg  
Address: Carl-Bosch-Strasse 38, 67056 Ludwigshafen  
Country: Germany  
Nationality: Germany

**Assignee Acceptance**

Employer, the Assignee: **BASF SE**

hereby accepts the Assignment  
from, the Assignor

**SCHWAB, Matthias Georg**

of the invention as disclosed in the following application(s):

Country	Application No.	Filing Date
United States of America	62/340134	23 May 2016
Patent Cooperation Treaty	PCT/US17/33803	22 May 2017


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 accepted at Ludwigshafen

this 01st day of Feb., 2022

**BASF SE**

SIGNATURE

  
**Dr. Olaf Schweers**  
**Vice President**

  
**Dr. Thomas Cimniak**  
**Vice President**

TITLE

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