

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
European Patent	19218633.6	20 Dec 2019
Patent Cooperation Treaty		

(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.

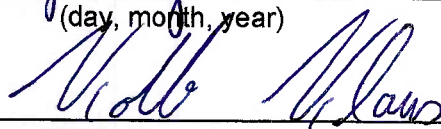
I authorize Assignee or its designee to translate this Assignment into all languages necessary; and request that such Letters Patent be issued to Assignee; and consent to the recordal of this Assignment, or Notarial True Copy thereof, being under covenant not only that I have full power to make the same,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

(Signature page(s) follow(s))

Subscribed and Declared by:
Inventor: KOLB, Klaus

Place: Limburgerhof
(City)

Date: 08 January 2020
(day, month, year)

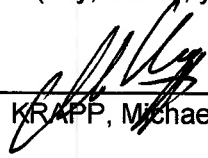
Signature: 
KOLB, Klaus

Name: KOLB, Klaus
Address: Speyerer Straße 2, 67117 Limburgerhof
Country: Germany
Nationality: Germany

Subscribed and Declared by:
Inventor: KRAPP, Michael

Place: ALTRIP
(City)

Date: 13. 01. 2020
(day, month, year)

Signature: 
KRAPP, Michael

Name: KRAPP, Michael
Address: Speyerer Straße 2, 67117 Limburgerhof
Country: Germany
Nationality: Germany

Subscribed and Declared by:
Inventor: GREGORI, Wolfgang

Place: Ludwigshafen
(City)

Date: 21.05.2020
(day, month, year)

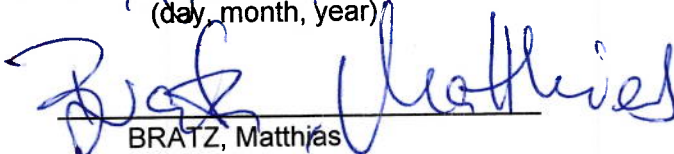
Signature: W. Gregori
GREGORI, Wolfgang

Name: GREGORI, Wolfgang
Address: Koenigsbacher Str.58, 67067 Ludwigshafen
Country: Germany
Nationality: Germany

Subscribed and Declared by:
Inventor: **BRATZ, Matthias**

Place: Limburgerhof
(City)

Date: 08 / Jan / 2020
(day, month, year)

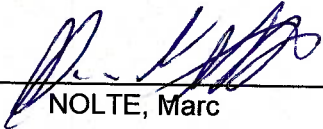
Signature: 
BRATZ, Matthias

Name: BRATZ, Matthias
Address: Speyerer Straße 2, 67117 Limburgerhof
Country: Germany
Nationality: Germany

Subscribed and Declared by:
Inventor: NOLTE, Marc

Place: Limburgerhof
(City)

Date: 09 January 2020
(day, month, year)

Signature: 
NOLTE, Marc

Name: NOLTE, Marc
Address: Speyerer Straße 2, 67117 Limburgerhof
Country: Germany
Nationality: Germany

Subscribed and Declared by:

Inventor: **ALTENHOFF, Ansgar Gereon**

Place: Ludwigshafen
(City)

Date: 08/01/2020
(day, month, year)

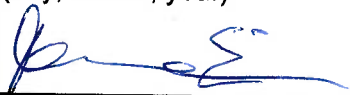
Signature: ALTENHOFF, Ansgar Gereon

Name: ALTENHOFF, Ansgar Gereon
Address: Carl-Bosch-Strasse 38, 67056 Ludwigshafen
Country: Germany
Nationality: Germany

Subscribed and Declared by:
Inventor: **SIMON, Anja**

Place: Limburgerhof
(City)

Date: 18/05/2020
(day, month, year)

Signature: 
SIMON, Anja

Name: SIMON, Anja
Address: Speyerer Straße 2, 67117 Limburgerhof
Country: Germany
Nationality: Germany

Assignee Acceptance

Employer, the Assignee: **BASF SE**

hereby accepts the Assignment

from, the Assignor

KOLB, Klaus
KRAPP, Michael
GREGORI, Wolfgang
BRATZ, Matthias
NOLTE, Marc
ALTENHOFF, Ansgar Gereon
SIMON, Anja

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

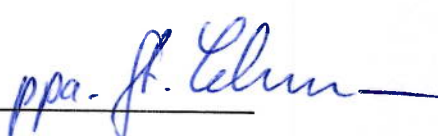
Country	Application No.	Filing Date
European Patent	19218633.6	20 Dec 2019
Patent Cooperation Treaty		

without any restrictions and with all rights and obligations deriving therefrom and declare that this confirmation of acceptance shall be deemed a part of said Assignment.

Signed and accepted at Ludwigshafen, Germany

this 03 day of June, 20 20

BASF SE

SIGNATURE  

Dr. Andreas Popp	Dr. Stephan Lehmann
Vice President	Vice President IP Global Intellectual Property

TITLE _____

Declaration of Assignment of Rights

BASF SE, Carl-Bosch-Strasse 38, 67056 Ludwigshafen am Rhein, 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 182050) as disclosed in the application(s)

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

which right, title and interest were transferred from the inventor(s) KOLB, Klaus; KRAPP, Michael; GREGORI, Wolfgang; BRATZ, Matthias; NOLTE, Marc; ALTENHOFF, Ansgar Gereon; SIMON, Anja to **BASF SE**

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 SE shall provide **BASF Corporation** with any assistance necessary for the acquisition of industrial property rights.

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).

BASF SE

DATE 03. JUNI 2020

SIGNATURE ppa. St. Elin - ppa. Olaf Schweers
Dr. Stephan Lehmann Dr. Olaf Schweers

TITLE Vice Presidents

We hereby accept the above assignment.

BASF Corporation

DATE 17. JUNI 2020

SIGNATURE Kaunh Wme

TITLE Assistant Secretary

Individual Assignment
(including Assignment of Priority Rights)

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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 Corporation**, 100 Park Avenue, 07932 Florham Park, United States of America (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.

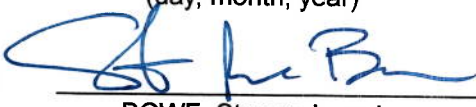
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(Signature page(s) follow(s))

Subscribed and Declared by:
Inventor: BOWE, Steven Joseph

Place: Research Triangle Park
(City)

Date: 8 Jan 2020
(day, month, year)

Signature: 
BOWE, Steven Joseph

Name: BOWE, Steven Joseph
Address: 26 Davis Drive, Research Triangle Park, NC 27709
Country: United States of America
Nationality: United States of America

Subscribed and Declared by:

Inventor: BANGARWA, Sanjeev Kumar

Place: Research Triangle Park, NC
(City)

Date: 8th Jan., 2020
(day, month, year)

Signature: Sanjeev Kumar
BANGARWA, Sanjeev Kumar

Name: BANGARWA, Sanjeev Kumar
Address: 26 Davis Drive, Research Triangle Park, NC 27709
Country: United States of America
Nationality: United States of America

Assignee Acceptance

Employer, the Assignee: **BASF Corporation**

hereby accepts the Assignment

from, the Assignor

BOWE, Steven Joseph
BANGARWA, Sanjeev Kumar

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

Country	Application No.	Filing Date
European Patent	19218633.6	20 Dec 2019
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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 RTP, North Carolina
this 03 day of February, 2020

BASF Corporation

SIGNATURE Karen L. Ware
Karen L. Ware

TITLE Assistant Secretary